

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061322\
 Data File : VW026201.D
 Acq On : 13 Jun 2022 12:00
 Operator : SY/MD
 Sample : N3272-19DL 4X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 14 02:37:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 14 02:36:38 2022
 Response via : Initial Calibration

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

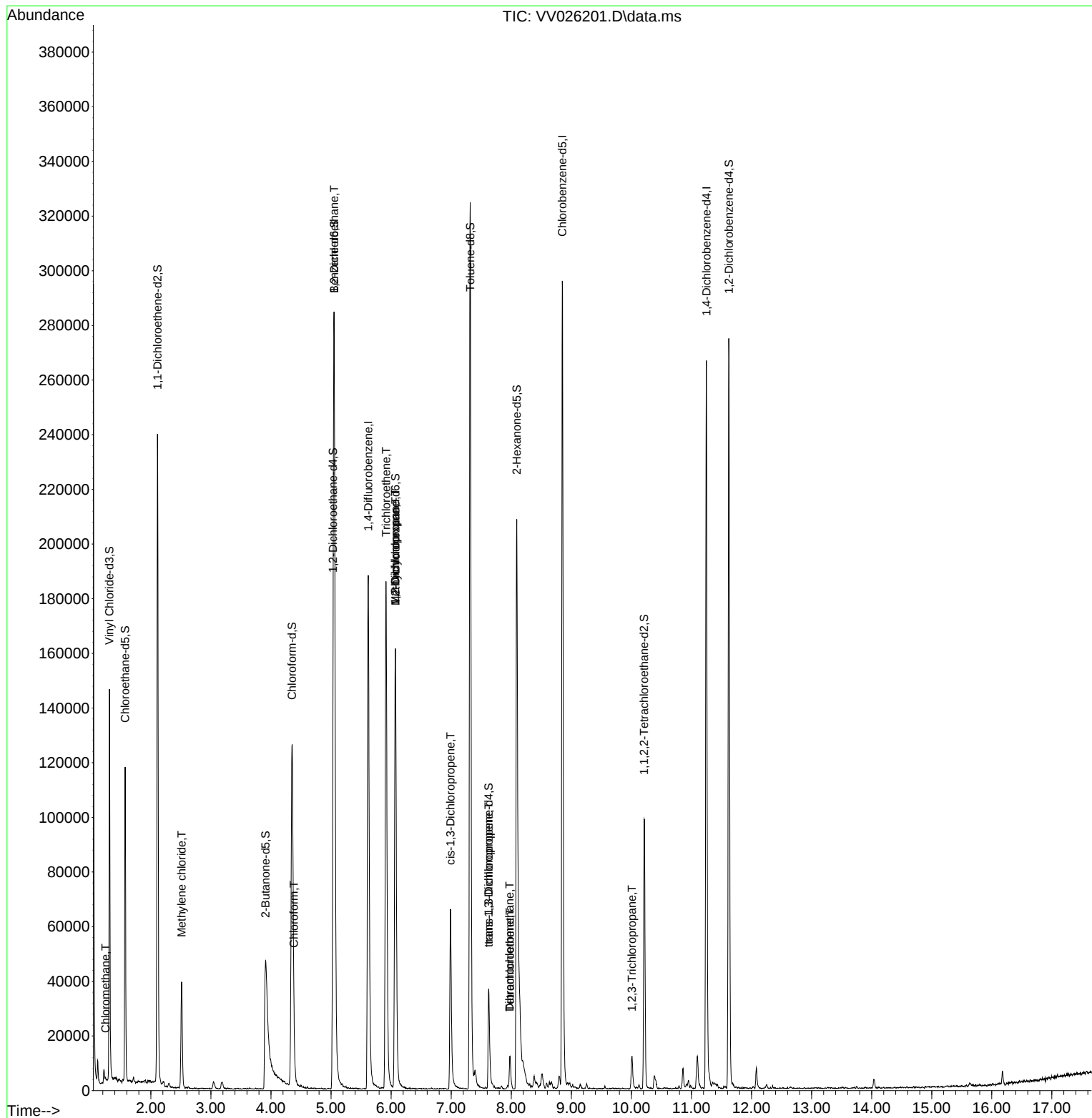
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	170190	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	169379	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72295	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	91550	4.113	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.200%
7) Chloroethane-d5	1.571	69	74931	4.274	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.111	63	123303	3.446	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.000%
20) 2-Butanone-d5	3.908	46	96774	58.283	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.560%
24) Chloroform-d	4.352	84	136474	4.324	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	5.034	65	59093	4.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.053	84	272555	4.128	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	6.072	67	84176	4.421	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.317	98	222347	3.782	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.600%
43) trans-1,3-Dichloroprop...	7.625	79	24399	4.245	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.091	63	80298	44.871	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.740%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	49799	4.390	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	71951	4.440	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.246	50	673	0.040	ug/L #	78
16) Methylene chloride	2.513	84	16492	1.230	ug/L	98
25) Chloroform	4.381	83	2642	0.106	ug/L	99
27) 1,2-Dichloroethane	5.053	62	1353	0.116	ug/L #	73
34) Trichloroethene	5.915	95	67839	4.903	ug/L	99
35) Methylcyclohexane	6.072	83	20378	1.089	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	8821	0.665	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1893	0.128	ug/L #	78
44) trans-1,3-Dichloropropene	7.622	75	889	0.076	ug/L #	56
47) Tetrachloroethene	7.979	164	2813	0.283	ug/L	84
49) Dibromochloromethane	7.976	129	2545	0.279	ug/L #	13
61) 1,2,3-Trichloropropane	10.008	75	7528	1.358	ug/L #	40

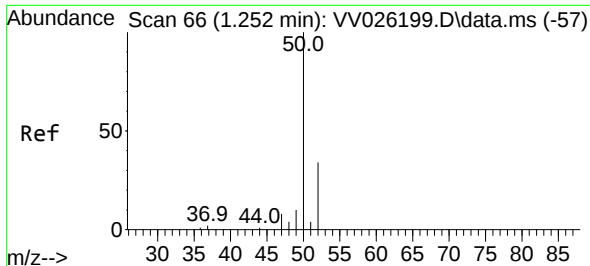
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Jun 14 02:37:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jun 14 02:36:38 2022
Response via : Initial Calibration

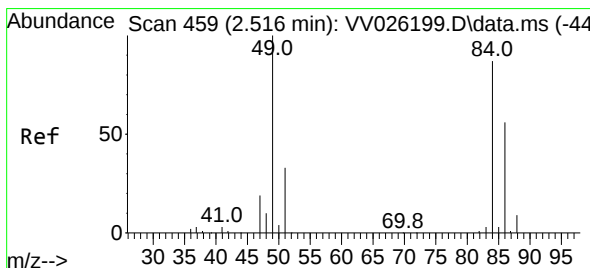
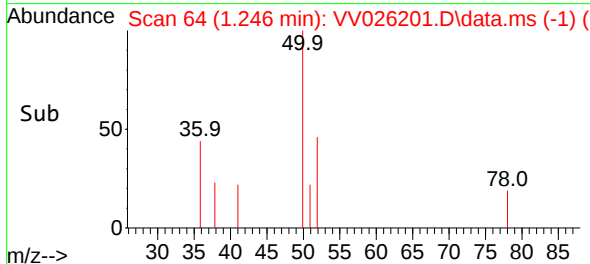
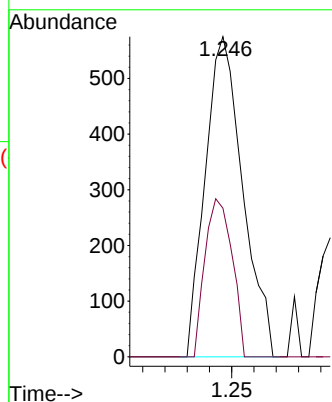
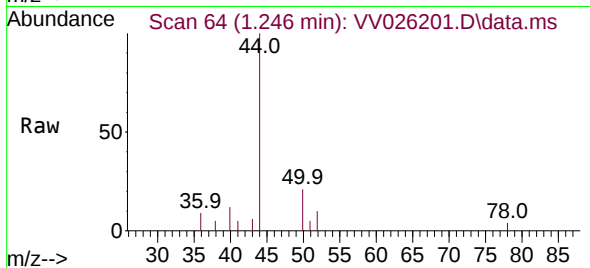




#3
Chloromethane
Concen: 0.040 ug/L
RT: 1.246 min Scan# 64
Delta R.T. -0.006 min
Lab File: VV026201.D
Acq: 13 Jun 2022 12:00

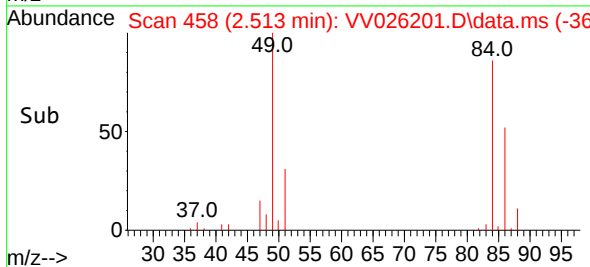
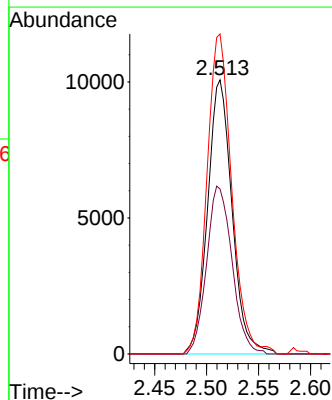
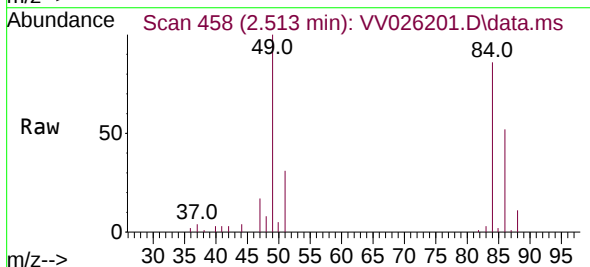
Instrument :
MSVOA_V
ClientSampleId :

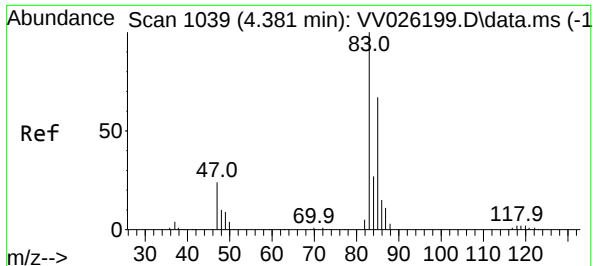
Tgt Ion: 50 Resp: 673
Ion Ratio Lower Upper
50 100
52 46.4 23.6 43.8#



#16
Methylene chloride
Concen: 1.230 ug/L
RT: 2.513 min Scan# 458
Delta R.T. -0.003 min
Lab File: VV026201.D
Acq: 13 Jun 2022 12:00

Tgt Ion: 84 Resp: 16492
Ion Ratio Lower Upper
84 100
86 60.2 45.1 83.7
49 116.7 82.3 152.9





#25

Chloroform

Concen: 0.106 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VV026201.D

Acq: 13 Jun 2022 12:00

Instrument :

MSVOA_V

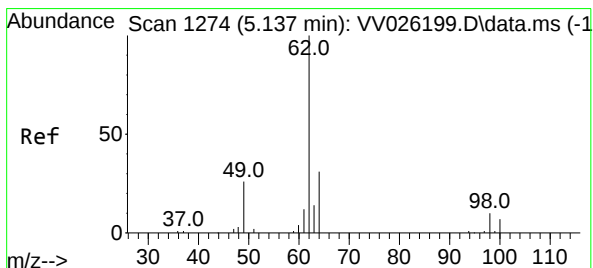
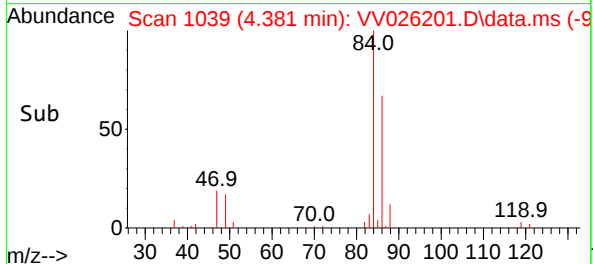
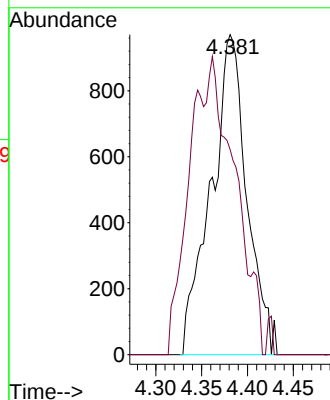
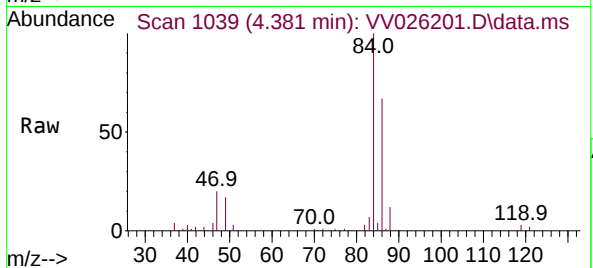
ClientSampleId :

Tgt Ion: 83 Resp: 2642

Ion Ratio Lower Upper

83 100

85 64.1 45.3 84.1



#27

1,2-Dichloroethane

Concen: 0.116 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.084 min

Lab File: VV026201.D

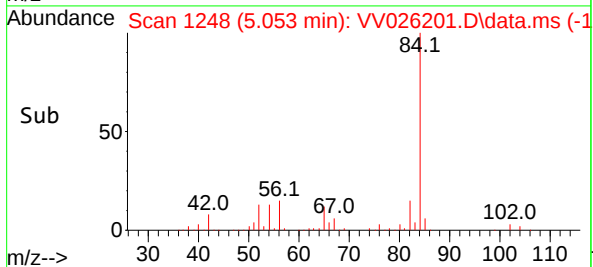
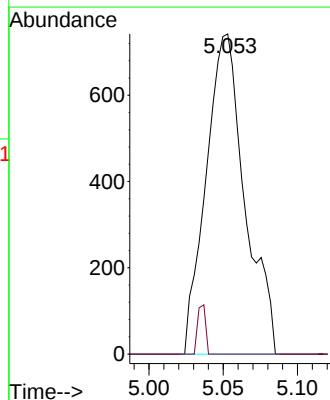
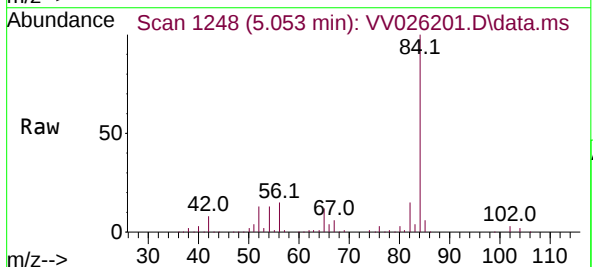
Acq: 13 Jun 2022 12:00

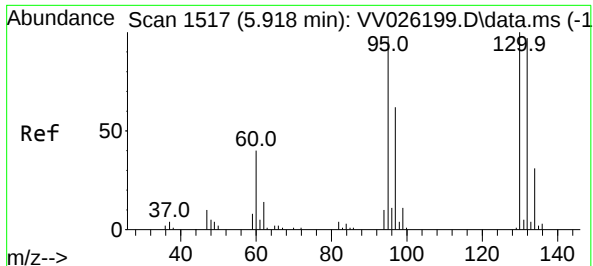
Tgt Ion: 62 Resp: 1353

Ion Ratio Lower Upper

62 100

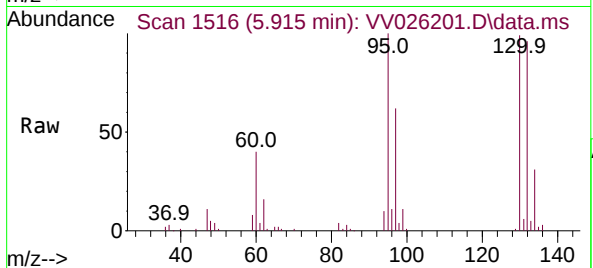
98 0.0 7.9 11.9#





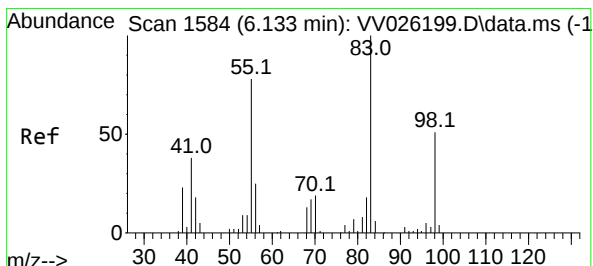
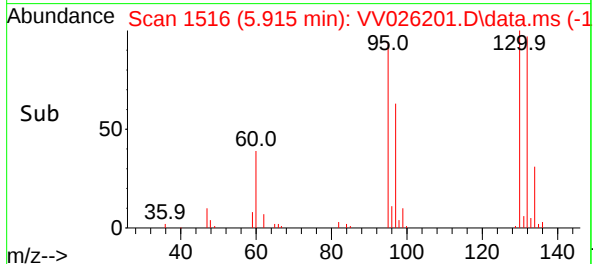
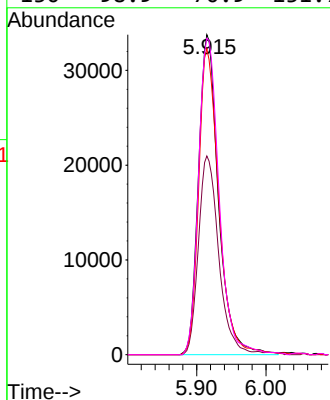
#34
Trichloroethene
Concen: 4.903 ug/L
RT: 5.915 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV026201.D
Acq: 13 Jun 2022 12:00

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 67839

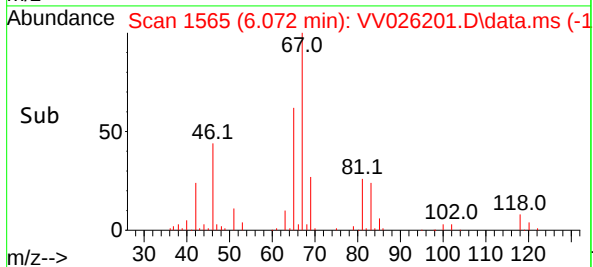
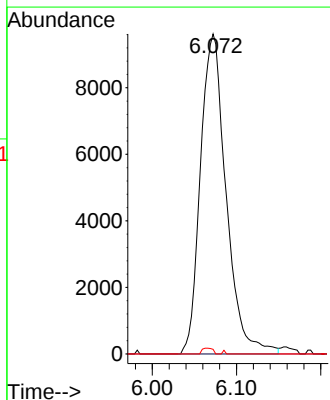
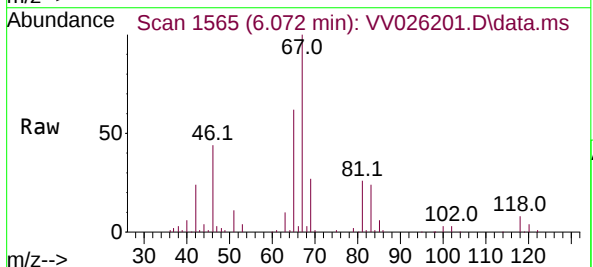
Ion	Ratio	Lower	Upper
95	100		
97	62.1	43.3	80.3
132	95.6	67.5	125.4
130	98.9	70.9	131.7

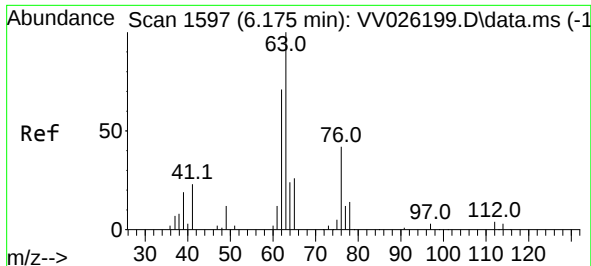


#35
Methylcyclohexane
Concen: 1.089 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV026201.D
Acq: 13 Jun 2022 12:00

Tgt Ion: 83 Resp: 20378

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	0.8	38.4	57.6#





#37

1,2-Dichloropropane

Concen: 0.665 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV026201.D

Acq: 13 Jun 2022 12:00

Instrument :

MSVOA_V

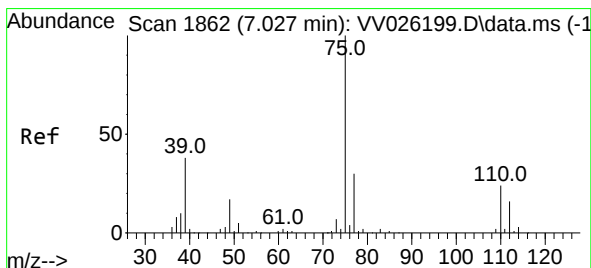
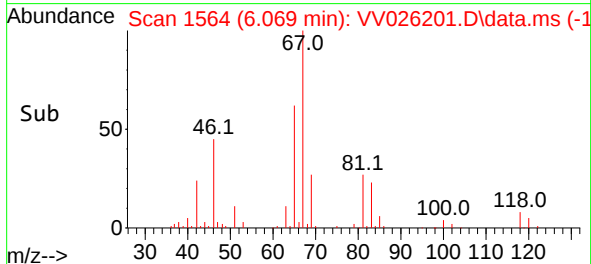
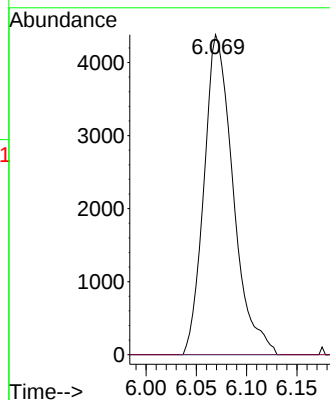
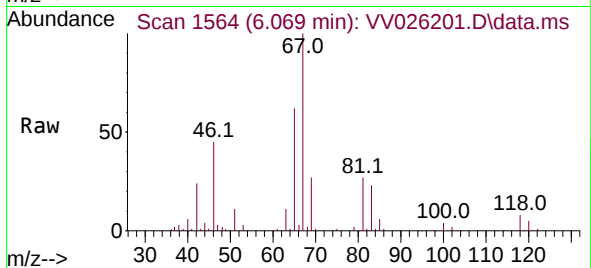
ClientSampleId :

Tgt Ion: 63 Resp: 8821

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#39

cis-1,3-Dichloropropene

Concen: 0.128 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.039 min

Lab File: VV026201.D

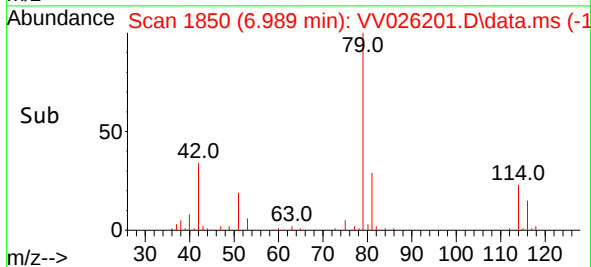
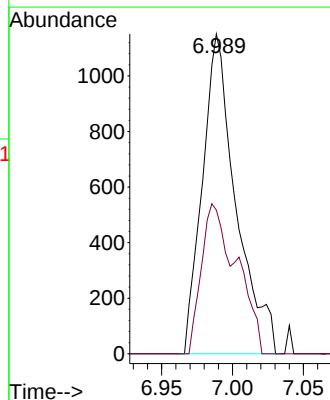
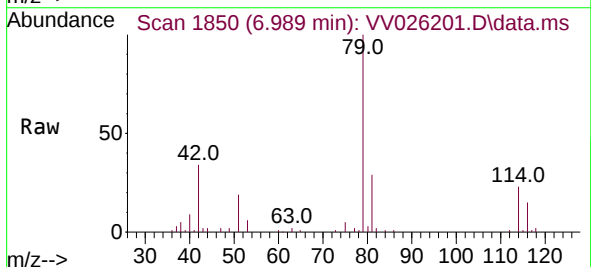
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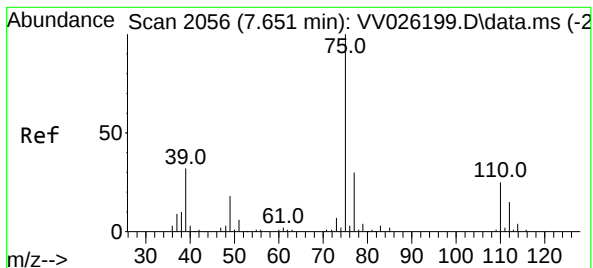
Tgt Ion: 75 Resp: 1893

Ion Ratio Lower Upper

75 100

77 44.9 22.9 42.5#





#44

trans-1,3-Dichloropropene

Concen: 0.076 ug/L

RT: 7.622 min Scan# 2056

Delta R.T. -0.029 min

Lab File: VV026201.D

Acq: 13 Jun 2022 12:00

Instrument :

MSVOA_V

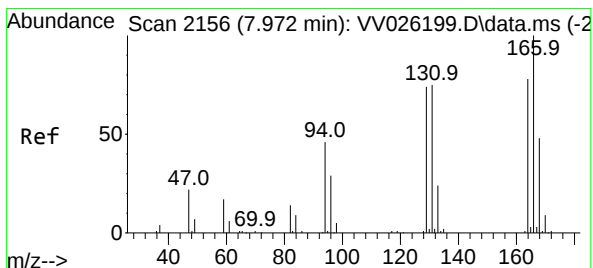
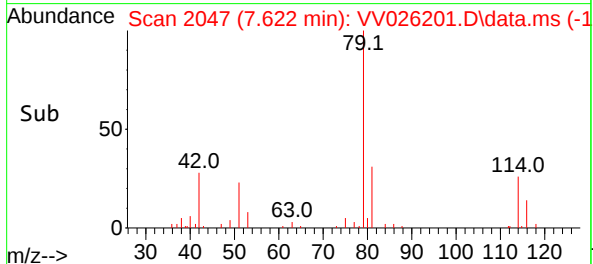
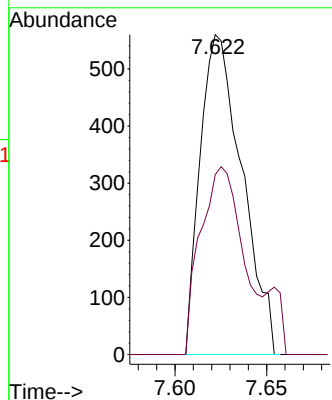
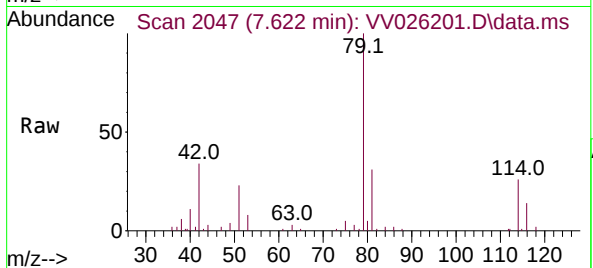
ClientSampleId :

Tgt Ion: 75 Resp: 889

Ion Ratio Lower Upper

75 100

77 56.3 22.3 41.3#



#47

Tetrachloroethene

Concen: 0.283 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV026201.D

Acq: 13 Jun 2022 12:00

Tgt Ion:164 Resp: 2813

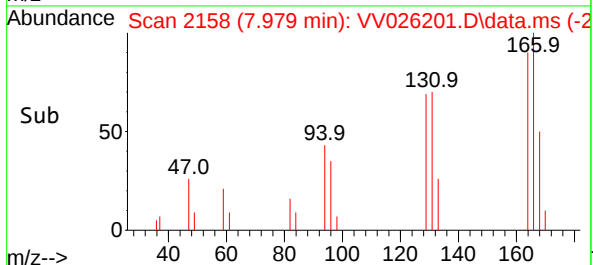
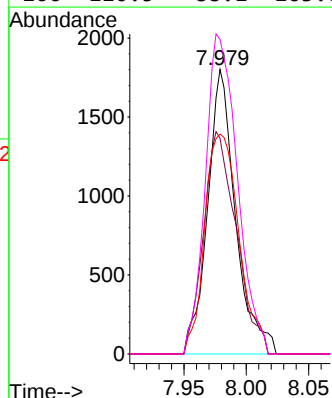
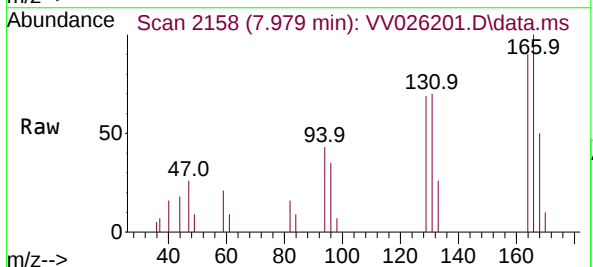
Ion Ratio Lower Upper

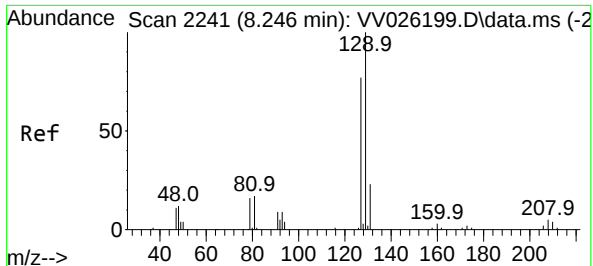
164 100

129 75.7 66.1 122.7

131 77.3 65.0 120.6

166 110.5 88.1 163.7





#49

Dibromochloromethane

Concen: 0.279 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV026201.D

Acq: 13 Jun 2022 12:00

Instrument :

MSVOA_V

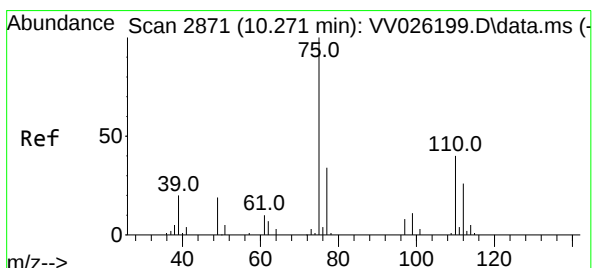
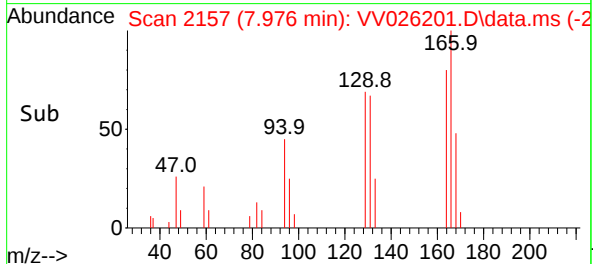
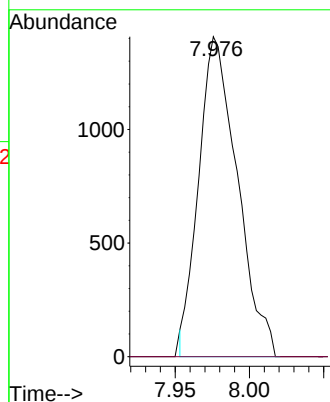
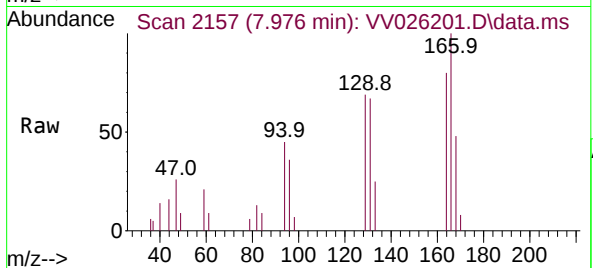
ClientSampleId :

Tgt Ion:129 Resp: 2545

Ion Ratio Lower Upper

129 100

127 0.0 50.9 94.5#



#61

1,2,3-Trichloropropane

Concen: 1.358 ug/L

RT: 10.008 min Scan# 2789

Delta R.T. -0.264 min

Lab File: VV026201.D

Acq: 13 Jun 2022 12:00

Tgt Ion: 75 Resp: 7528

Ion Ratio Lower Upper

75 100

77 3.5 27.8 41.8#

110 0.0 33.0 49.4#

