

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100521\
 Data File : VW022589.D
 Acq On : 05 Oct 2021 23:48
 Operator : SY/MD
 Sample : M4051-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 06 08:06:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 06 07:50:25 2021
 Response via : Initial Calibration

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

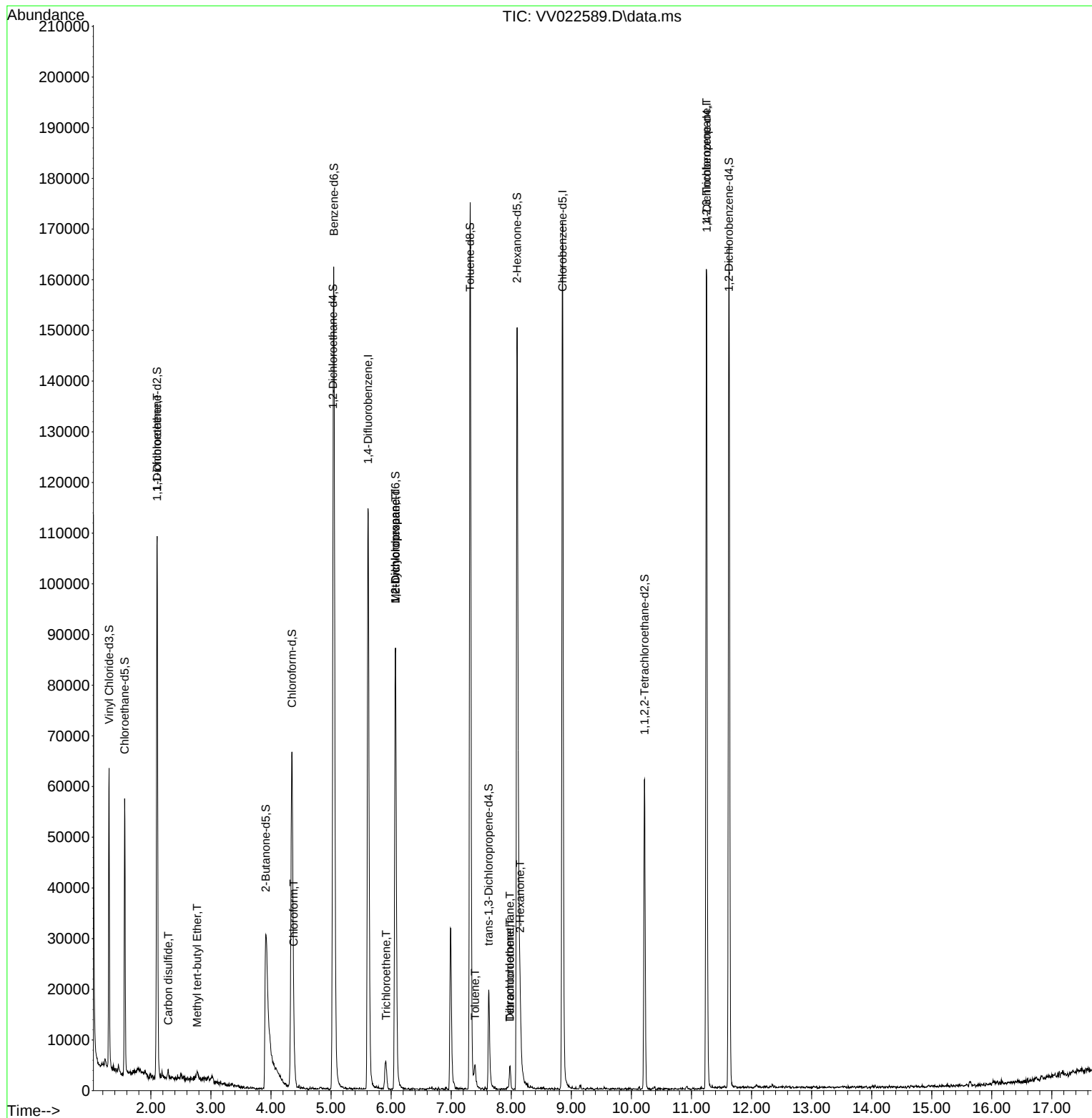
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	101995	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	99104	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	44470	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	35267	10.792	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	215.800%#
7) Chloroethane-d5	1.564	69	32931	7.476	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	149.600%#
11) 1,1-Dichloroethene-d2	2.105	63	54002	5.695	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	114.000%
20) 2-Butanone-d5	3.912	46	77395	40.065	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.140%
24) Chloroform-d	4.349	84	67691	5.379	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.600%
26) 1,2-Dichloroethane-d4	5.034	65	35487	5.986	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.800%
32) Benzene-d6	5.047	84	138176	6.187	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	123.800%
36) 1,2-Dichloropropane-d6	6.072	67	42912	5.446	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.000%
41) Toluene-d8	7.317	98	119181	6.366	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	127.400%
43) trans-1,3-Dichloroprop...	7.625	79	12072	5.789	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	115.800%
46) 2-Hexanone-d5	8.098	63	55908	43.303	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.600%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	29101	4.861	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	45476	6.611	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	132.200%#
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.101	96	549	0.088	ug/L #	1
14) Carbon disulfide	2.288	76	1498	0.082	ug/L #	89
17) Methyl tert-butyl Ether	2.770	73	1078	0.068	ug/L #	89
25) Chloroform	4.378	83	5694	0.427	ug/L	100
34) Trichloroethene	5.918	95	908	0.117	ug/L	76
35) Methylcyclohexane	6.072	83	10368	0.953	ug/L #	20
37) 1,2-Dichloropropane	6.072	63	4662	0.715	ug/L #	84
42) Toluene	7.397	91	3545	0.126	ug/L	95
47) Tetrachloroethene	7.979	164	1068	0.177	ug/L	91
48) 2-Hexanone	8.146	43	7072	2.739	ug/L #	92
49) Dibromochloromethane	7.979	129	1007	0.176	ug/L #	12
61) 1,2,3-Trichloropropane	11.249	75	4709	1.429	ug/L #	62

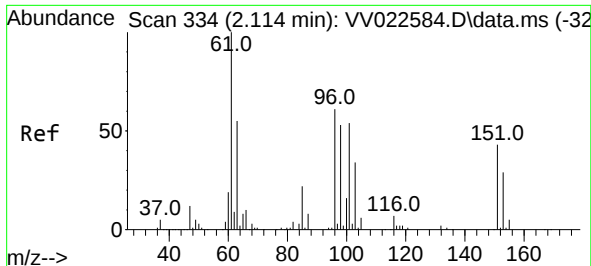
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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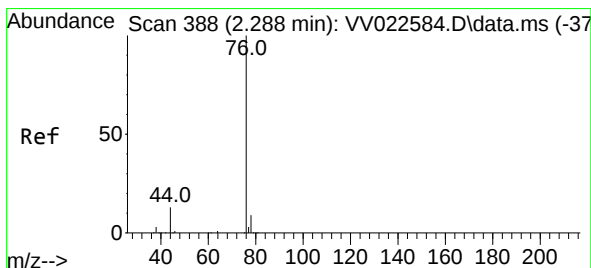
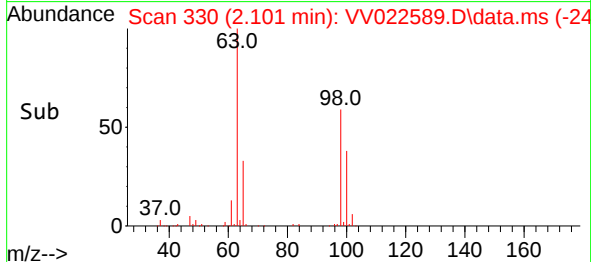
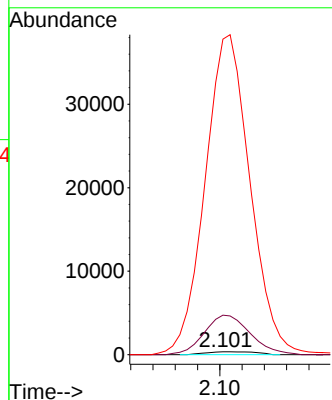
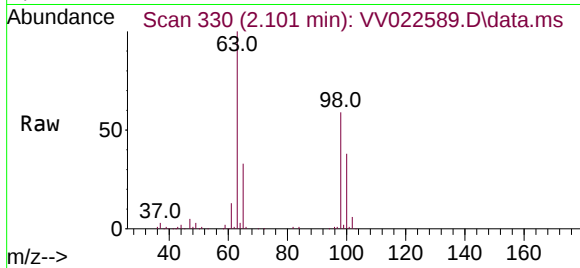




#12
1,1-Dichloroethene
Concen: 0.088 ug/L
RT: 2.101 min Scan# 330
Delta R.T. -0.013 min
Lab File: VV022589.D
Acq: 05 Oct 2021 23:48

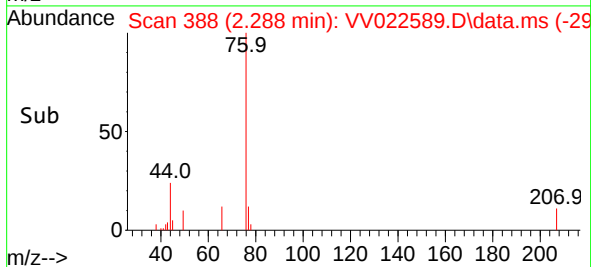
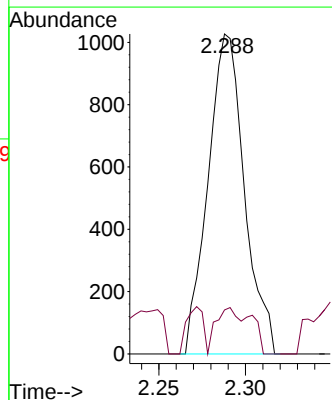
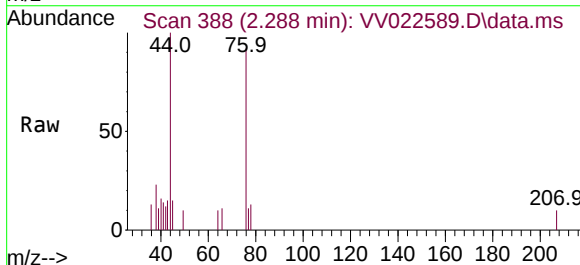
Instrument :
MSVOA_V
ClientSampled :

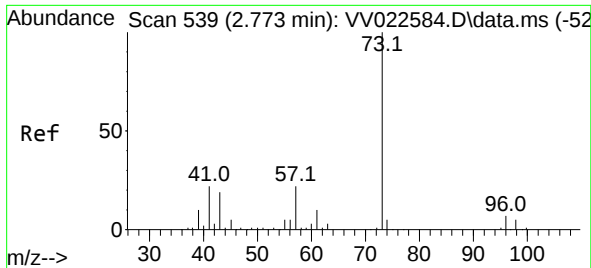
Tgt Ion: 96 Resp: 549
Ion Ratio Lower Upper
96 100
61 1382.5 113.2 210.2#
63 11050.3 66.6 123.8#



#14
Carbon disulfide
Concen: 0.082 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.000 min
Lab File: VV022589.D
Acq: 05 Oct 2021 23:48

Tgt Ion: 76 Resp: 1498
Ion Ratio Lower Upper
76 100
78 13.7 7.8 11.6#

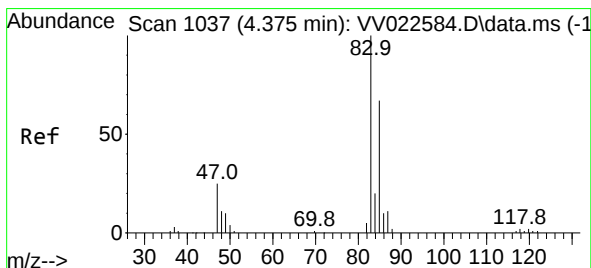
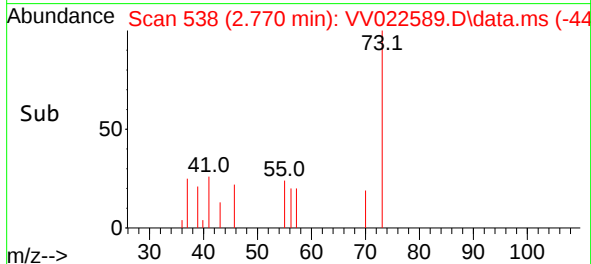
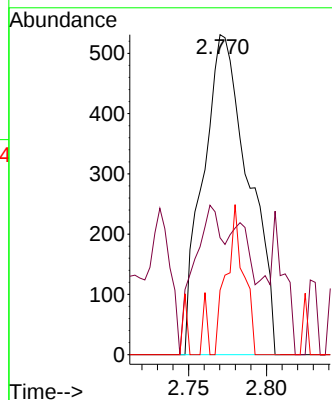
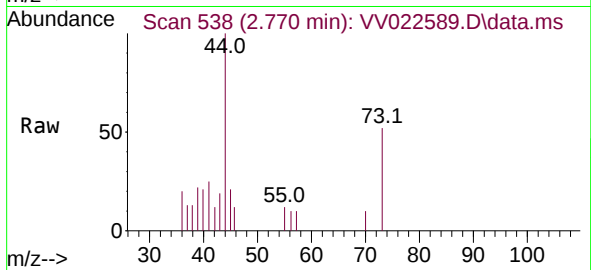




#17
Methyl tert-butyl Ether
Concen: 0.068 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.003 min
Lab File: VV022589.D
Acq: 05 Oct 2021 23:48

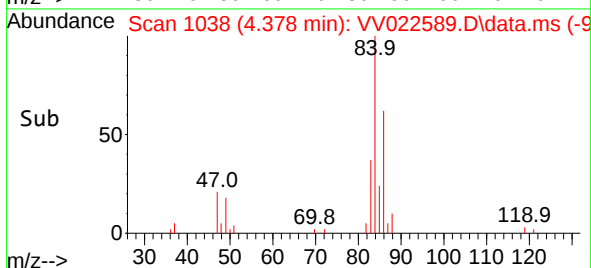
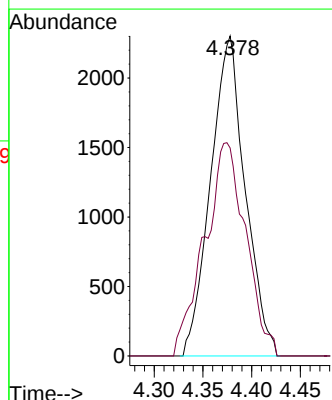
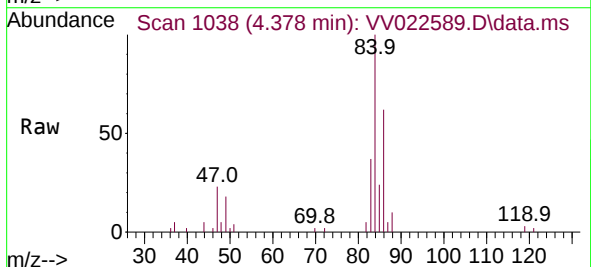
Instrument :
MSVOA_V
ClientSampleId :

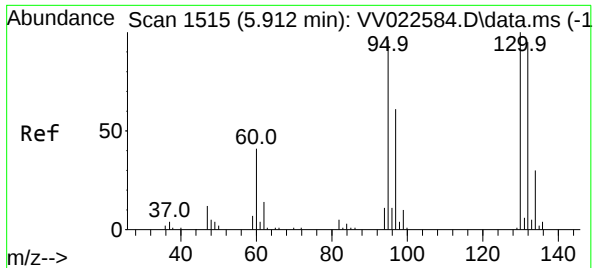
Tgt Ion: 73 Resp: 1078
Ion Ratio Lower Upper
73 100
43 14.3 16.3 24.5#
57 18.0 17.5 26.3



#25
Chloroform
Concen: 0.427 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV022589.D
Acq: 05 Oct 2021 23:48

Tgt Ion: 83 Resp: 5694
Ion Ratio Lower Upper
83 100
85 65.0 45.6 84.8



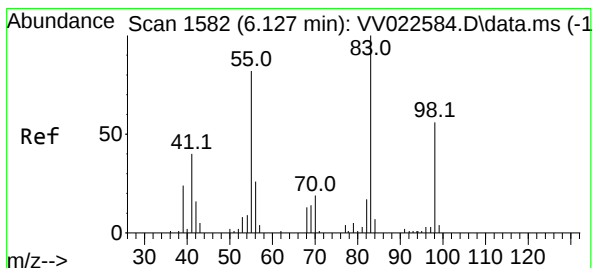
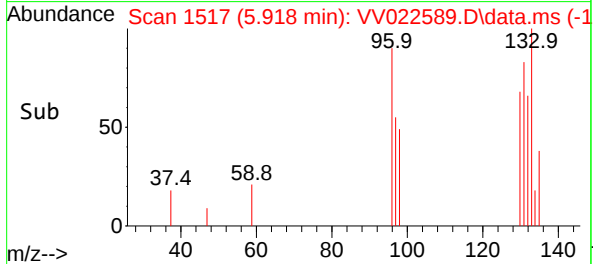
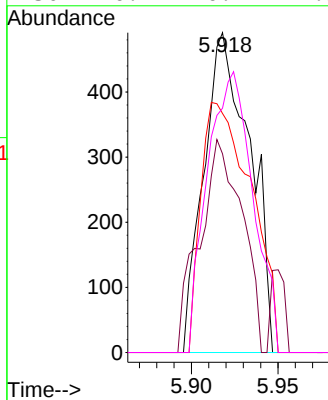
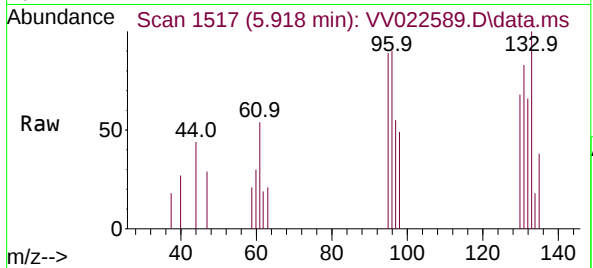


#34
Trichloroethene
Concen: 0.117 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV022589.D
Acq: 05 Oct 2021 23:48

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 95 Resp: 908

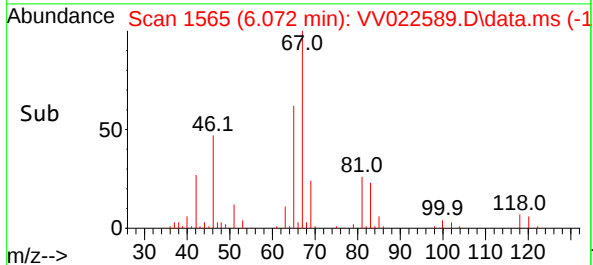
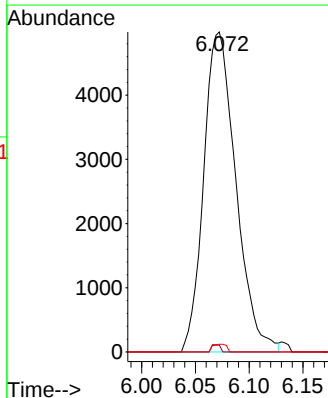
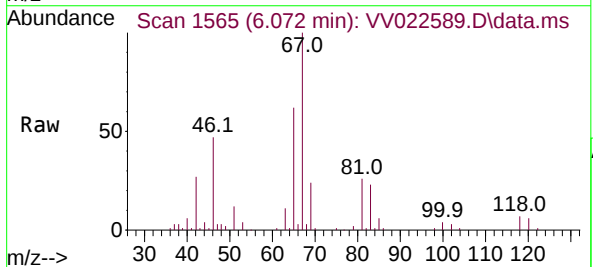
Ion	Ratio	Lower	Upper
95	100		
97	62.1	46.5	86.5
132	74.7	73.0	135.6
130	76.4	76.1	141.3

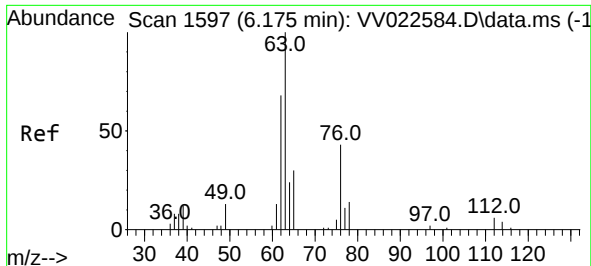


#35
Methylcyclohexane
Concen: 0.953 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV022589.D
Acq: 05 Oct 2021 23:48

Tgt Ion: 83 Resp: 10368

Ion	Ratio	Lower	Upper
83	100		
55	0.6	57.8	86.8#
98	1.1	39.8	59.8#





#37

1,2-Dichloropropane

Concen: 0.715 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.103 min

Lab File: VV022589.D

Acq: 05 Oct 2021 23:48

Tgt Ion: 63 Resp: 4662

Ion Ratio Lower Upper

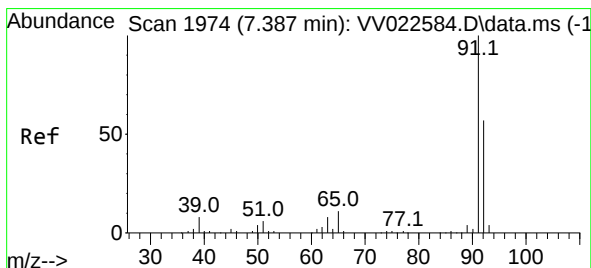
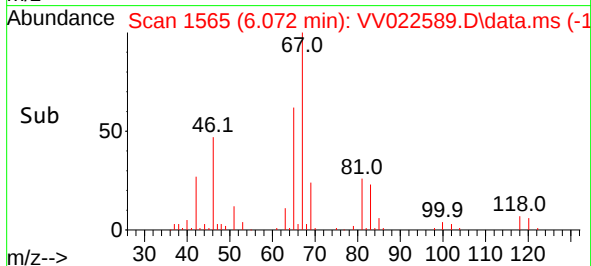
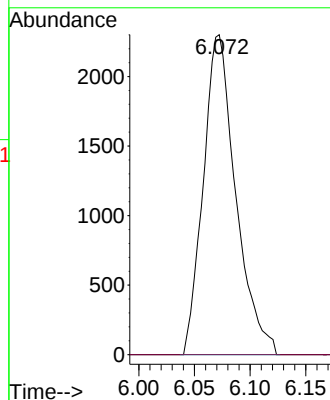
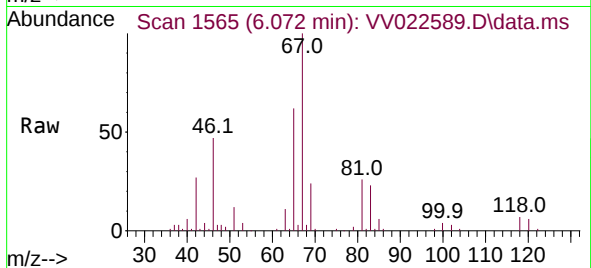
63 100

112 0.0 4.3 6.5#

Instrument :

MSVOA_V

ClientSampled :



#42

Toluene

Concen: 0.126 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.010 min

Lab File: VV022589.D

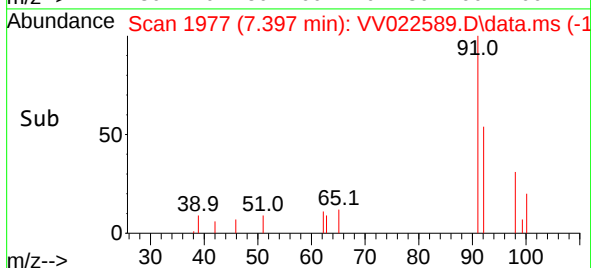
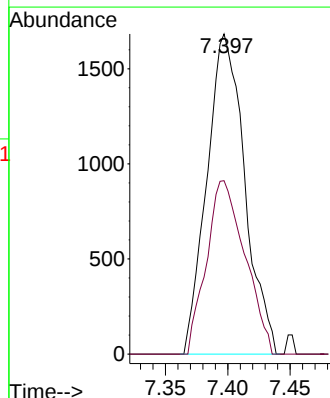
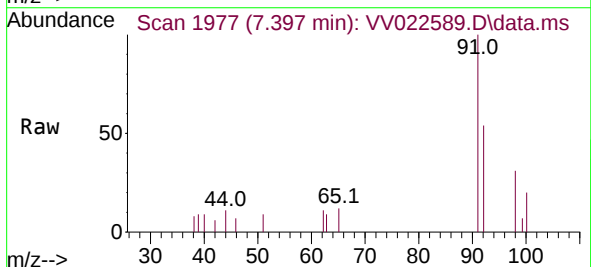
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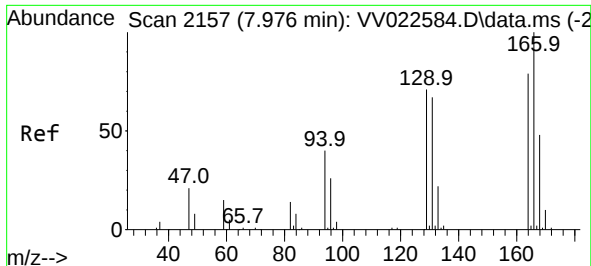
Tgt Ion: 91 Resp: 3545

Ion Ratio Lower Upper

91 100

92 54.2 40.5 75.3



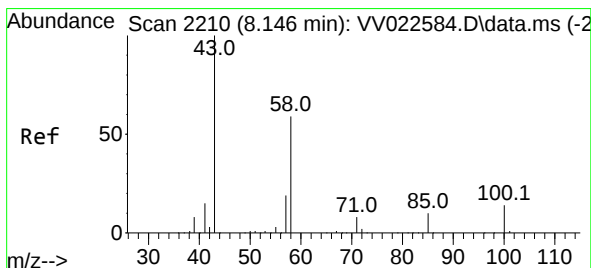
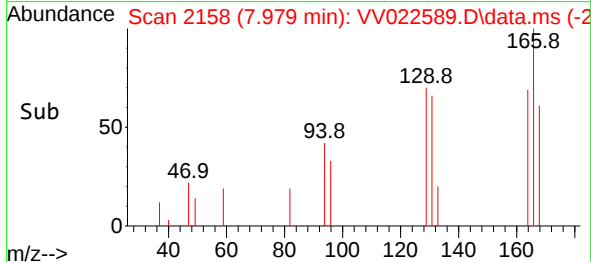
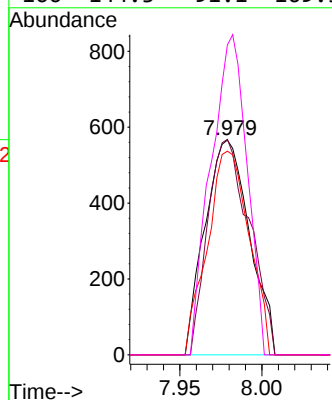
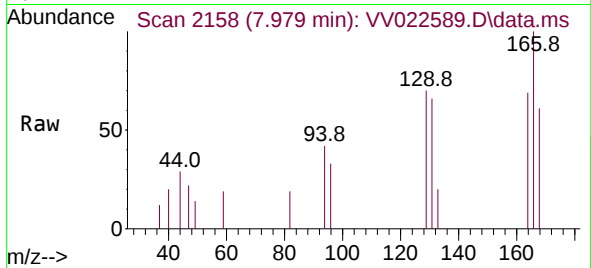


#47
Tetrachloroethene
Concen: 0.177 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV022589.D
Acq: 05 Oct 2021 23:48

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:164 Resp: 1068

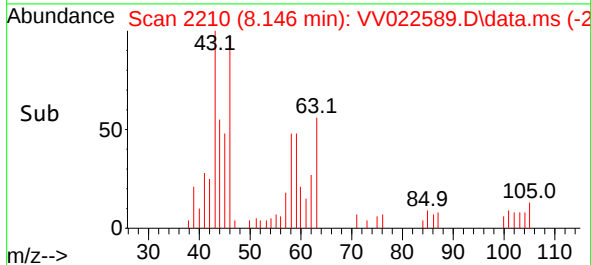
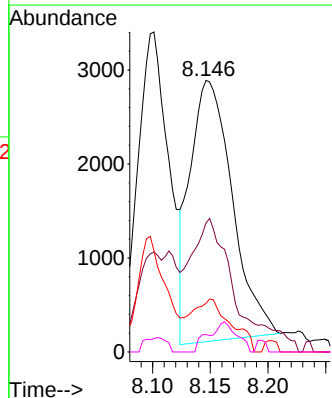
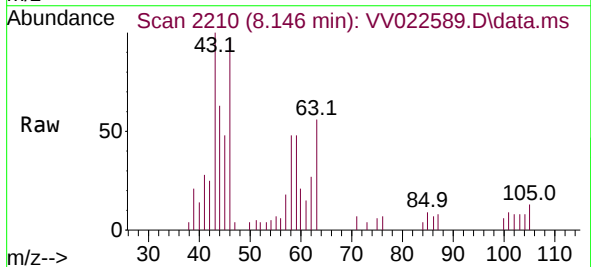
Ion	Ratio	Lower	Upper
164	100		
129	100.4	65.5	121.6
131	94.9	62.4	116.0
166	144.3	91.1	169.3

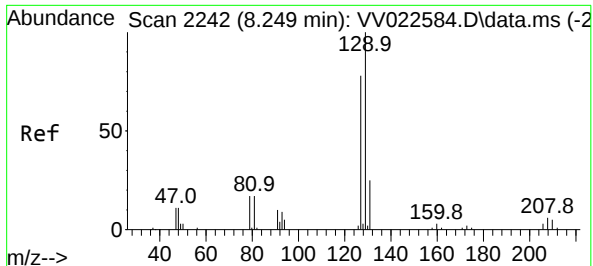


#48
2-Hexanone
Concen: 2.739 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VV022589.D
Acq: 05 Oct 2021 23:48

Tgt Ion: 43 Resp: 7072

Ion	Ratio	Lower	Upper
43	100		
58	52.6	46.4	69.6
57	18.5	16.3	24.5
100	7.7	11.0	16.6





#49

Dibromochloromethane

Concen: 0.176 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.270 min

Lab File: VV022589.D

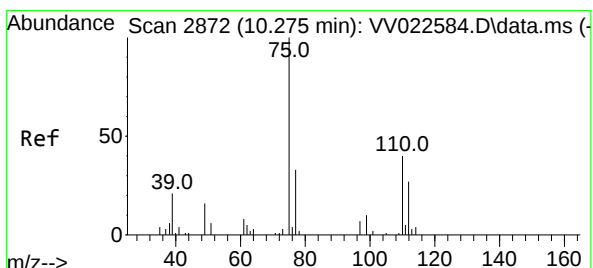
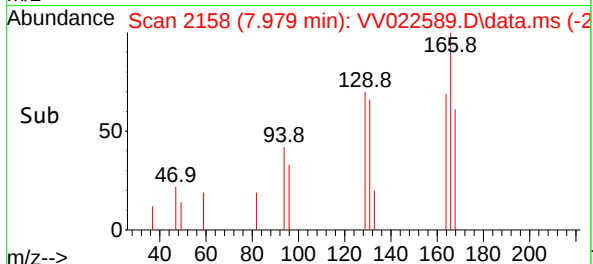
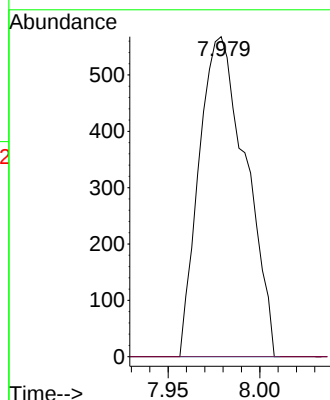
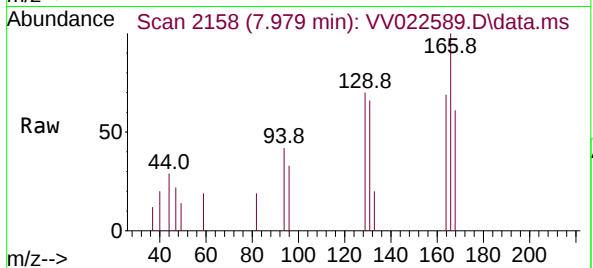
Acq: 05 Oct 2021 23:48

Tgt Ion:129 Resp: 1007

Ion Ratio Lower Upper

129 100

127 0.0 52.6 97.6#



#61

1,2,3-Trichloropropane

Concen: 1.429 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV022589.D

Acq: 05 Oct 2021 23:48

Tgt Ion: 75 Resp: 4709

Ion Ratio Lower Upper

75 100

77 36.0 26.1 39.1

110 1.9 33.0 49.6#

