

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102221\
 Data File : VV022990.D
 Acq On : 22 Oct 2021 16:30
 Operator : SY/MD
 Sample : M4200-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 23 01:29:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 23 01:14:46 2021
 Response via : Initial Calibration

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

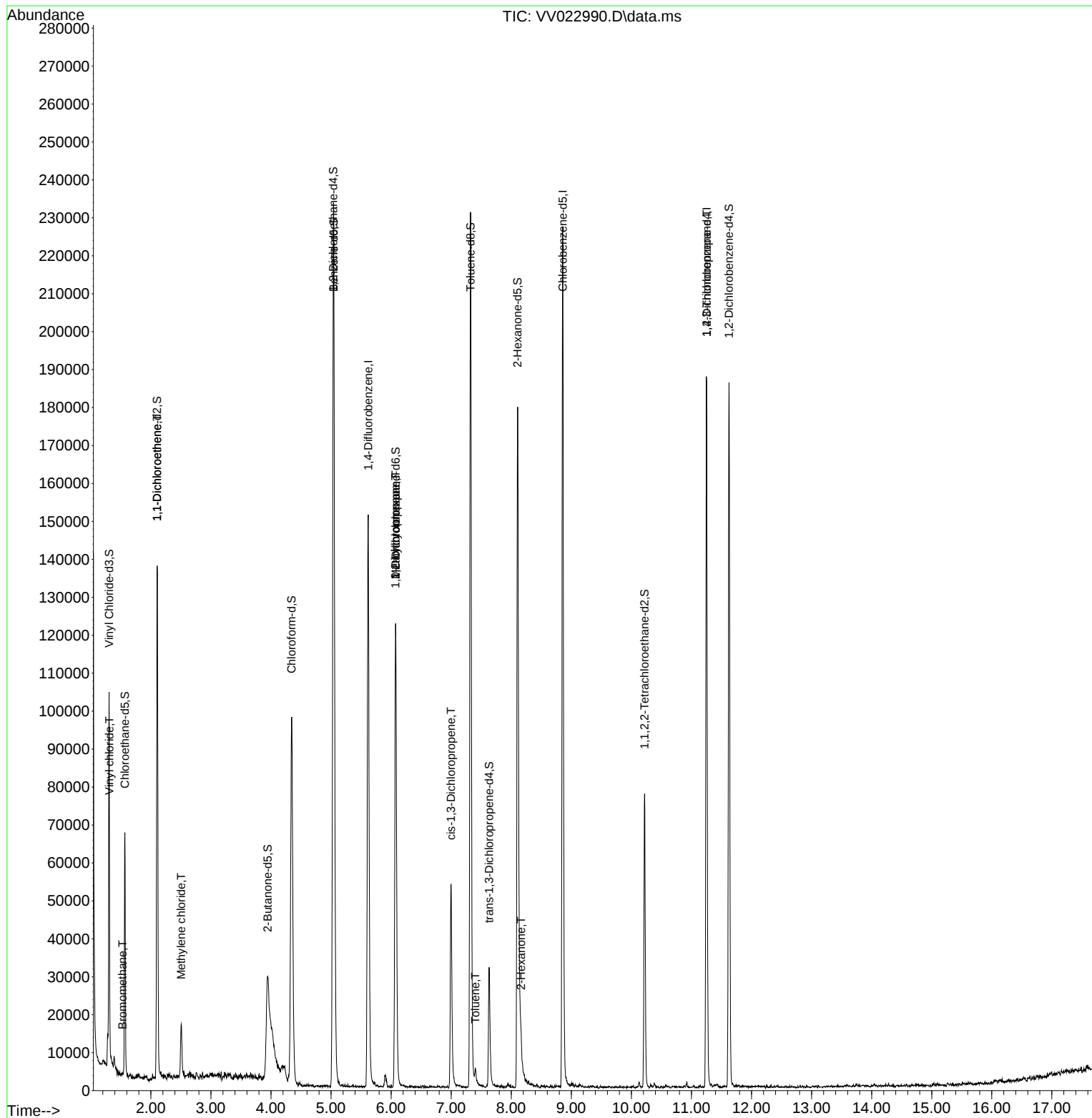
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	131740	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	128071	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	50895	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	57454	4.991	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.800%
7) Chloroethane-d5	1.568	69	37019	5.199	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.000%
11) 1,1-Dichloroethene-d2	2.105	63	70022	4.216	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.400%
20) 2-Butanone-d5	3.944	46	95763	51.858	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.720%
24) Chloroform-d	4.342	84	99527	5.318	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.400%
26) 1,2-Dichloroethane-d4	5.037	65	45189	5.122	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.043	84	193547	5.176	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
36) 1,2-Dichloropropane-d6	6.075	67	60229	5.233	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.600%
41) Toluene-d8	7.323	98	152562	4.542	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	7.632	79	19089	4.733	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.600%
46) 2-Hexanone-d5	8.104	63	62770	42.040	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.080%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	36499	4.592	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	49682	5.471	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	378	0.041	ug/L #	1
6) Bromomethane	1.526	94	264	0.056	ug/L	98
12) 1,1-Dichloroethene	2.105	96	670	0.099	ug/L #	1
16) Methylene chloride	2.506	84	5500	0.742	ug/L	93
35) Methylcyclohexane	6.075	83	13983	1.128	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	6673	0.768	ug/L #	85
39) cis-1,3-Dichloropropene	6.998	75	1318	0.122	ug/L #	75
42) Toluene	7.403	91	2851	0.082	ug/L	94
48) 2-Hexanone	8.165	43	4547	1.498	ug/L #	81
61) 1,2,3-Trichloropropane	11.252	75	5800	1.619	ug/L #	66

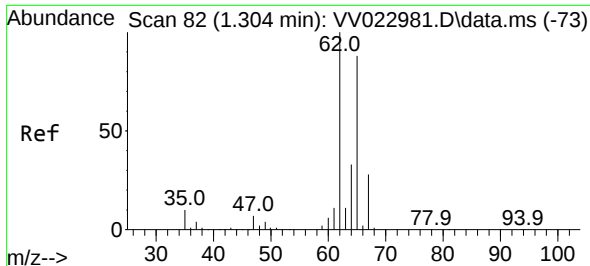
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102221\
Data File : VV022990.D
Acq On : 22 Oct 2021 16:30
Operator : SY/MD
Sample : M4200-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 23 01:29:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 23 01:14:46 2021
Response via : Initial Calibration

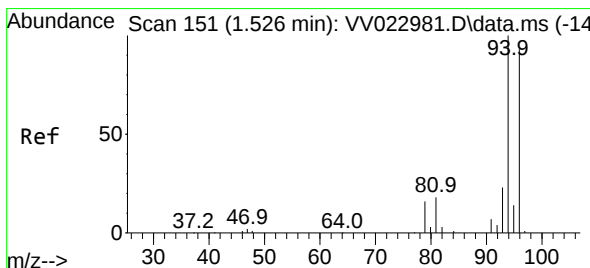
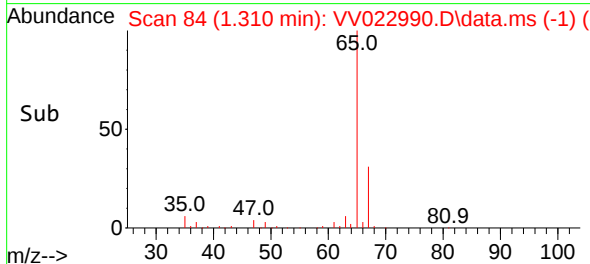
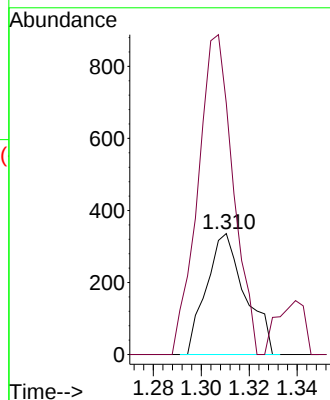
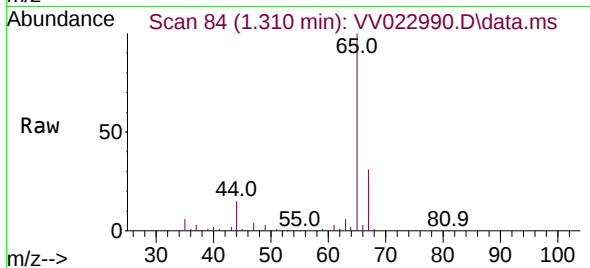




#5
 Vinyl chloride
 Concen: 0.041 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.006 min
 Lab File: VV022990.D
 Acq: 22 Oct 2021 16:30

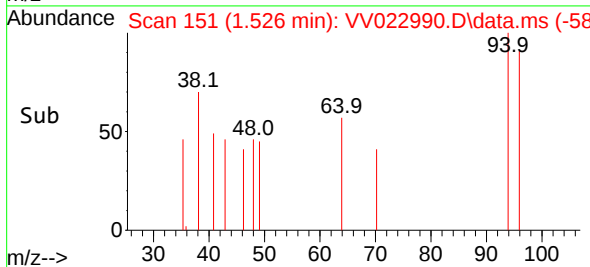
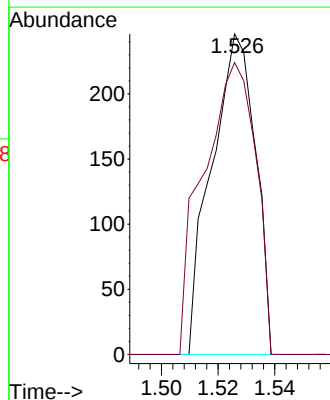
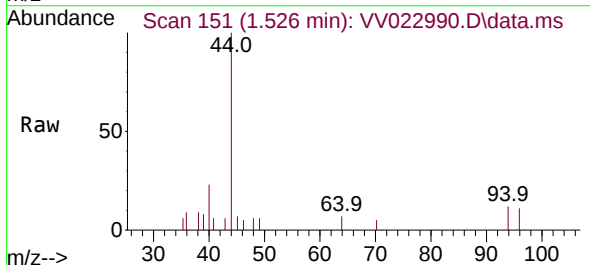
Instrument :
 MSVOA_V
 ClientSampleId :

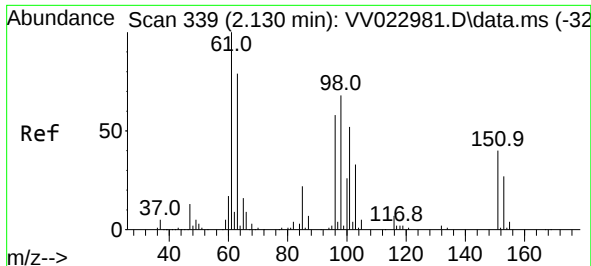
Tgt Ion: 62 Resp: 378
 Ion Ratio Lower Upper
 62 100
 64 207.7 23.1 42.9#



#6
 Bromomethane
 Concen: 0.056 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. -0.000 min
 Lab File: VV022990.D
 Acq: 22 Oct 2021 16:30

Tgt Ion: 94 Resp: 264
 Ion Ratio Lower Upper
 94 100
 96 91.1 65.0 120.8





#12

1,1-Dichloroethene

Concen: 0.099 ug/L

RT: 2.105 min Scan# 31

Delta R.T. -0.026 min

Lab File: VV022990.D

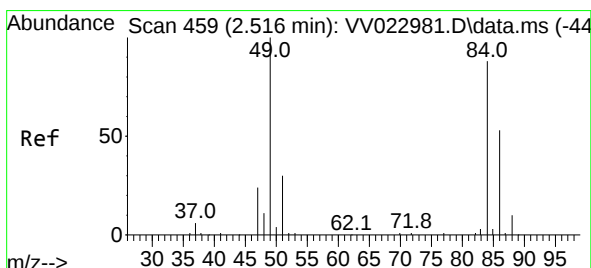
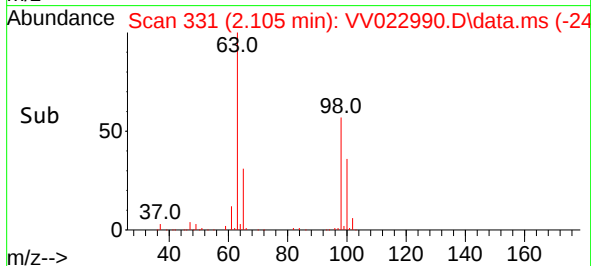
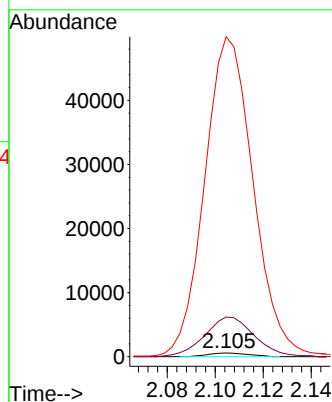
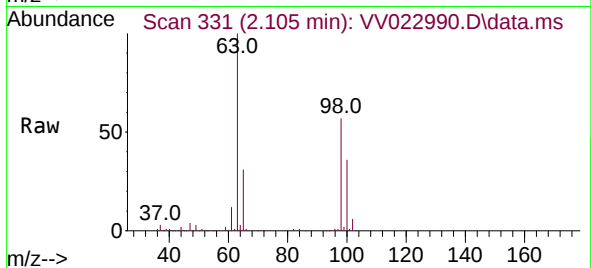
Acq: 22 Oct 2021 16:30

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	96	Resp:	670
Ion	Ratio	Lower	Upper
96	100		
61	1087.5	121.5	225.7#
63	8762.1	99.6	185.0#



#16

Methylene chloride

Concen: 0.742 ug/L

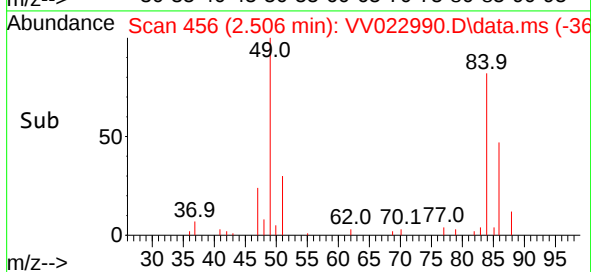
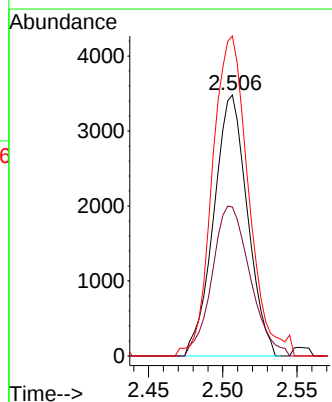
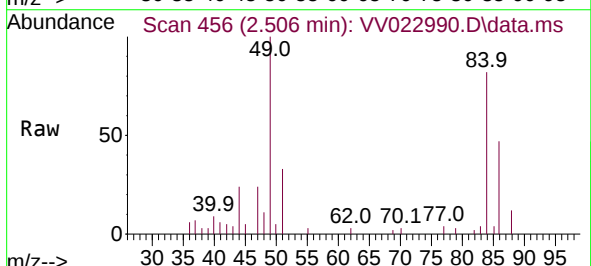
RT: 2.506 min Scan# 456

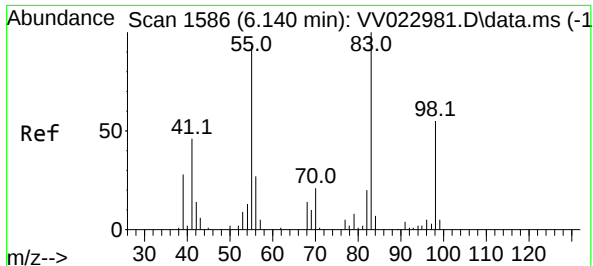
Delta R.T. -0.010 min

Lab File: VV022990.D

Acq: 22 Oct 2021 16:30

Tgt Ion:	84	Resp:	5500
Ion	Ratio	Lower	Upper
84	100		
86	57.1	42.3	78.5
49	122.6	79.7	148.1

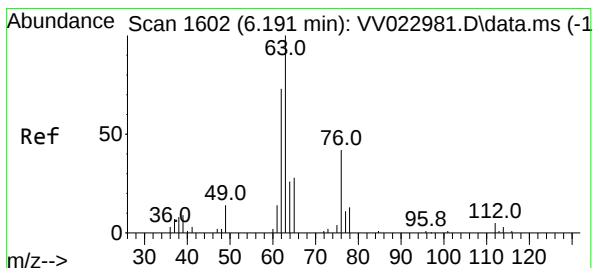
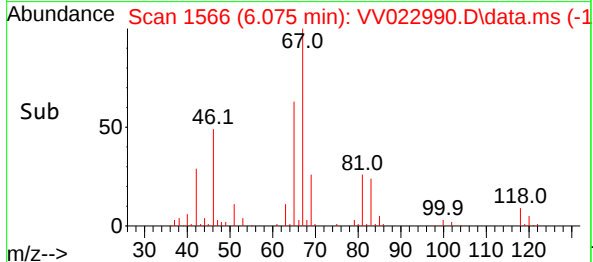
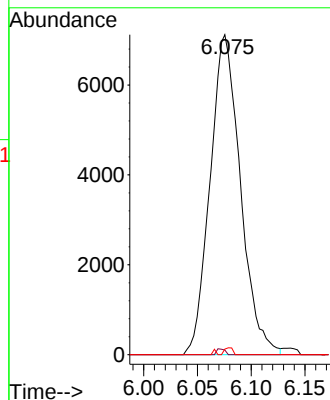
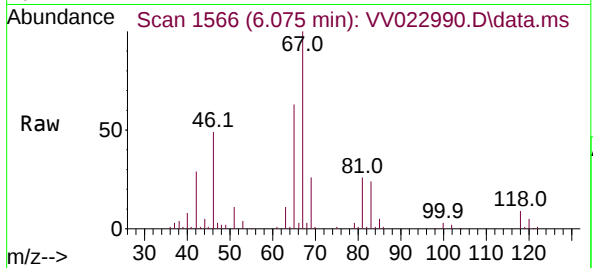




#35
Methylcyclohexane
Concen: 1.128 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.064 min
Lab File: VV022990.D
Acq: 22 Oct 2021 16:30

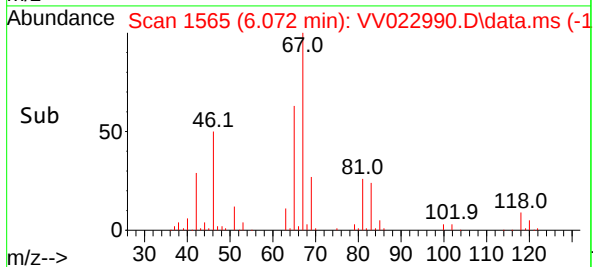
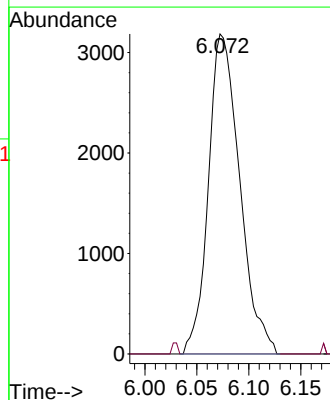
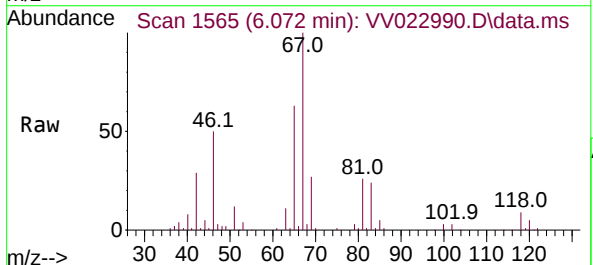
Instrument :
MSVOA_V
ClientSampleId :

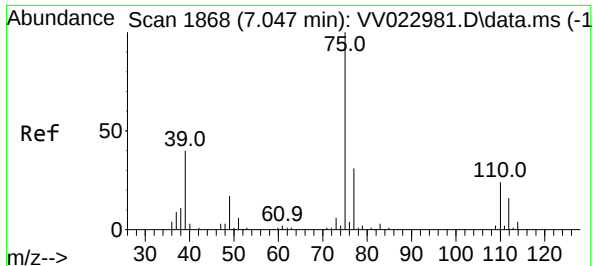
Tgt Ion: 83 Resp: 13983
Ion Ratio Lower Upper
83 100
55 0.0 62.8 94.2#
98 0.6 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.768 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.119 min
Lab File: VV022990.D
Acq: 22 Oct 2021 16:30

Tgt Ion: 63 Resp: 6673
Ion Ratio Lower Upper
63 100
112 0.6 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.122 ug/L

RT: 6.998 min Scan# 1853

Delta R.T. -0.048 min

Lab File: VV022990.D

Acq: 22 Oct 2021 16:30

Instrument :

MSVOA_V

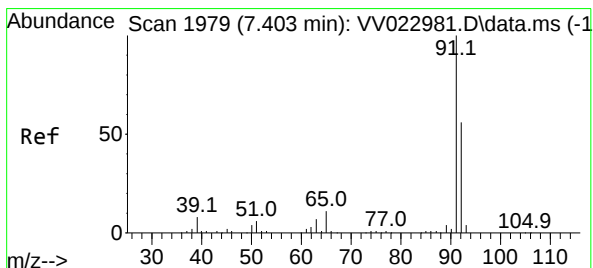
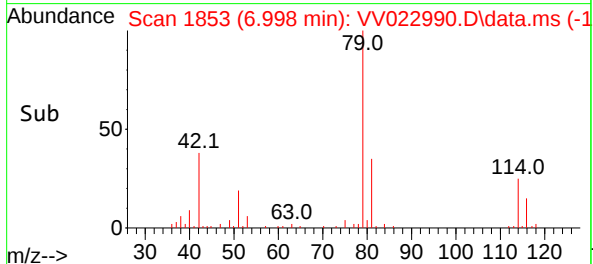
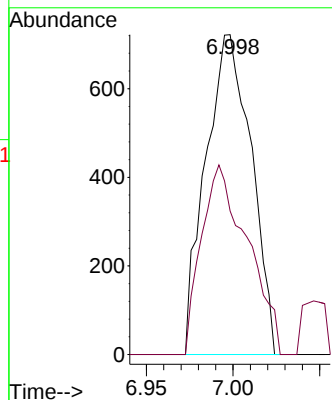
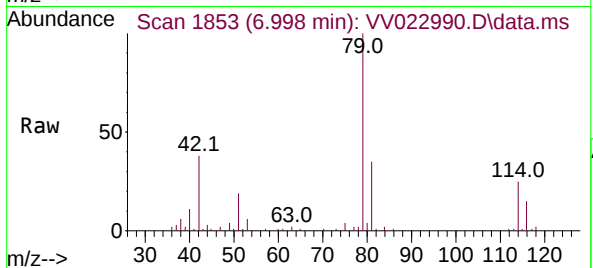
ClientSampleId :

Tgt Ion: 75 Resp: 1318

Ion Ratio Lower Upper

75 100

77 44.9 21.6 40.2#



#42

Toluene

Concen: 0.082 ug/L

RT: 7.403 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VV022990.D

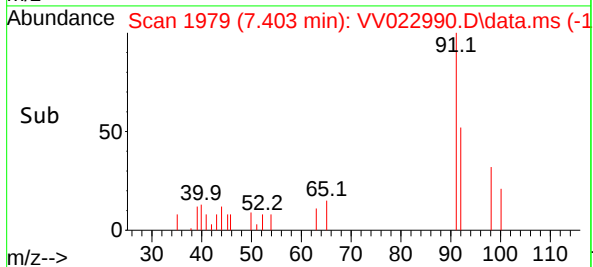
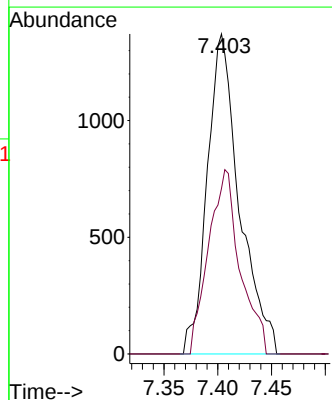
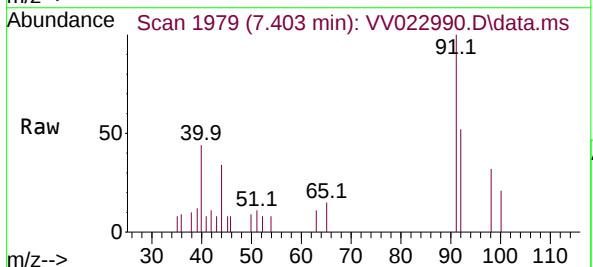
Acq: 22 Oct 2021 16:30

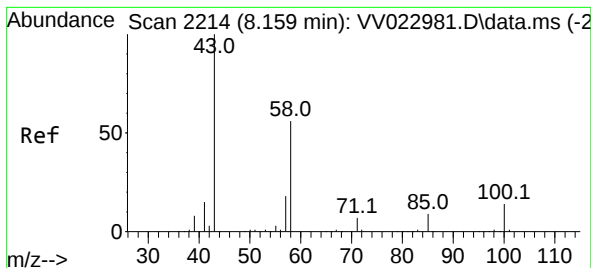
Tgt Ion: 91 Resp: 2851

Ion Ratio Lower Upper

91 100

92 51.7 39.3 72.9





#48

2-Hexanone

Concen: 1.498 ug/L

RT: 8.165 min Scan# 21

Delta R.T. 0.006 min

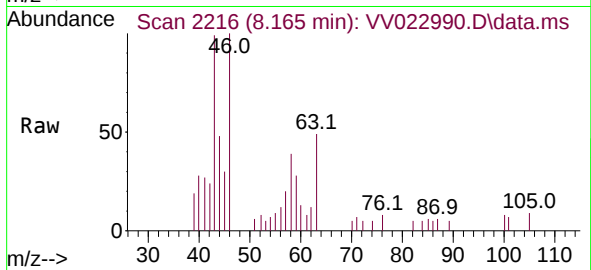
Lab File: VV022990.D

Acq: 22 Oct 2021 16:30

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 4547

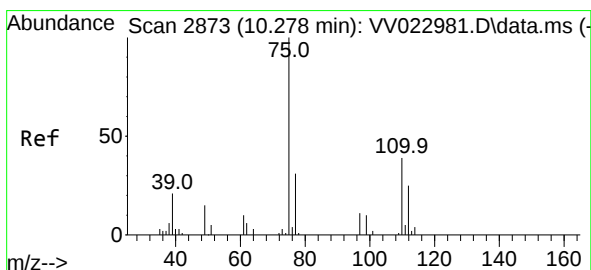
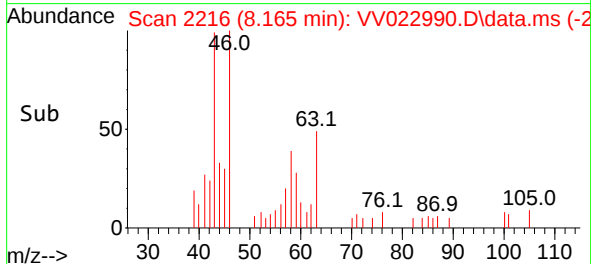
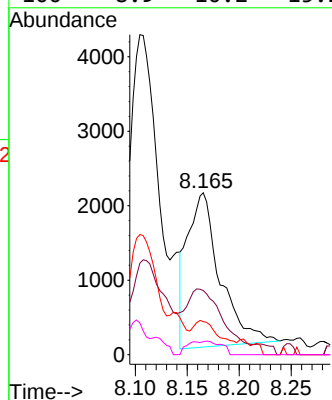
Ion Ratio Lower Upper

43 100

58 39.1 43.7 65.5#

57 8.8 14.1 21.1#

100 8.9 10.2 15.2#



#61

1,2,3-Trichloropropane

Concen: 1.619 ug/L

RT: 11.252 min Scan# 3176

Delta R.T. 0.974 min

Lab File: VV022990.D

Acq: 22 Oct 2021 16:30

Tgt Ion: 75 Resp: 5800

Ion Ratio Lower Upper

75 100

77 31.8 26.6 39.8

110 2.8 31.8 47.6#

