

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011224\
 Data File : VV033616.D
 Acq On : 12 Jan 2024 23:52
 Operator : SY/MD
 Sample : P1121-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

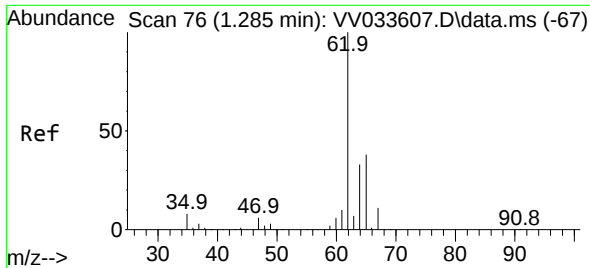
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 13 00:59:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 13 00:29:44 2024
 Response via : Initial Calibration

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

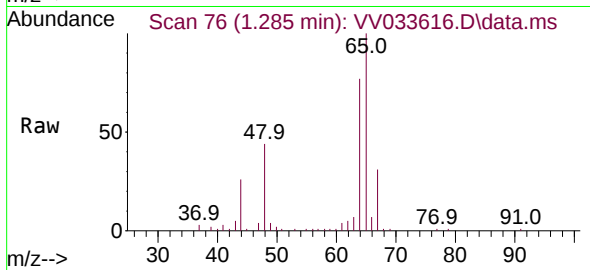
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	111747	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	107035	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	55242	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	30131	4.931	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.600%
7) Chloroethane-d5	1.535	69	26492	4.888	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	2.063	65	13399	4.866	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.400%
20) 2-Butanone-d5	3.802	46	90565	60.617	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.240%
24) Chloroform-d	4.252	84	65613	4.965	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	4.947	65	34028	5.743	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.800%
32) Benzene-d6	4.963	84	124142	4.807	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	5.992	67	42063	4.885	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.246	98	112351	4.873	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
43) trans-1,3-Dichloroprop...	7.561	79	13874	4.661	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.200%
46) 2-Hexanone-d5	8.027	63	72602	62.121	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.240%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	29152	5.794	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	43092	5.081	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
5) Vinyl chloride	1.285	62	1088	0.094	ug/L #	1
8) Chloroethane	1.301	64	203677	28.850	ug/L #	51
12) 1,1-Dichloroethene	2.072	96	11623	1.476	ug/L #	42
13) Acetone	2.130	43	1861	1.534	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	2636	0.148	ug/L #	87
19) 1,1-Dichloroethane	3.117	63	17812	1.007	ug/L	99
22) cis-1,2-Dichloroethene	3.822	96	1037	0.111	ug/L	95
34) Trichloroethene	5.838	95	34368	3.397	ug/L	99
35) Methylcyclohexane	5.989	83	9623	0.562	ug/L #	15
37) 1,2-Dichloropropane	5.995	63	4955	0.525	ug/L #	87
39) cis-1,3-Dichloropropene	6.921	75	1137	0.084	ug/L #	25
61) 1,2,3-Trichloropropane	11.185	75	7533	1.701	ug/L #	64

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

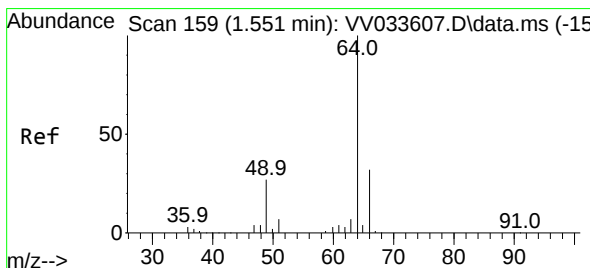
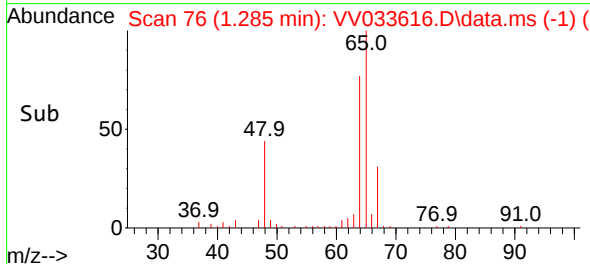
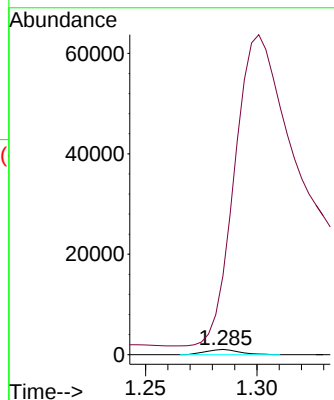


#5
 Vinyl chloride
 Concen: 0.094 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VV033616.D
 Acq: 12 Jan 2024 23:52

Instrument :
 MSVOA_V
 ClientSampleId :

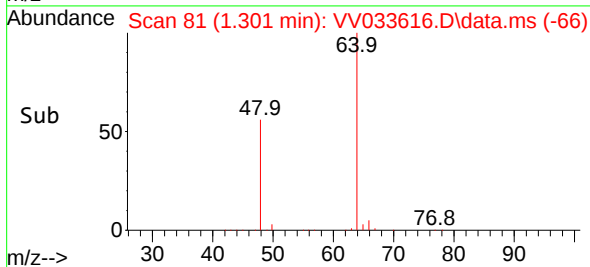
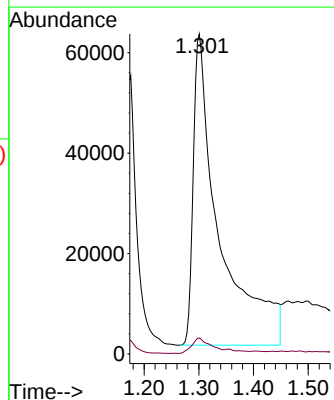
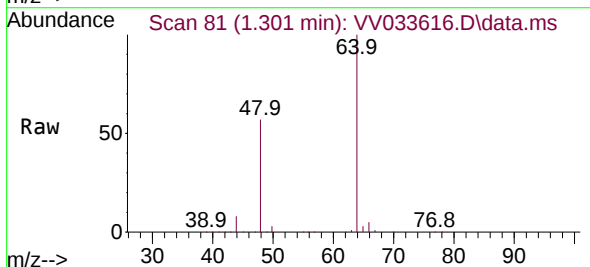


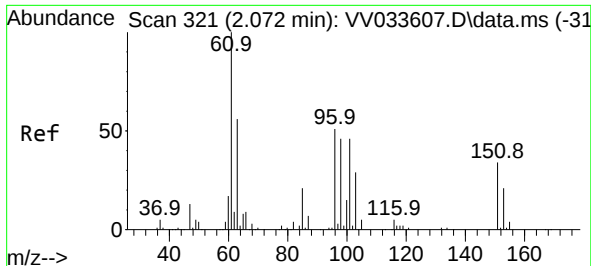
Tgt Ion: 62 Resp: 1088
 Ion Ratio Lower Upper
 62 100
 64 1502.6 23.0 42.8#



#8
 Chloroethane
 Concen: 28.850 ug/L
 RT: 1.301 min Scan# 81
 Delta R.T. -0.251 min
 Lab File: VV033616.D
 Acq: 12 Jan 2024 23:52

Tgt Ion: 64 Resp: 203677
 Ion Ratio Lower Upper
 64 100
 66 5.0 22.6 42.0#

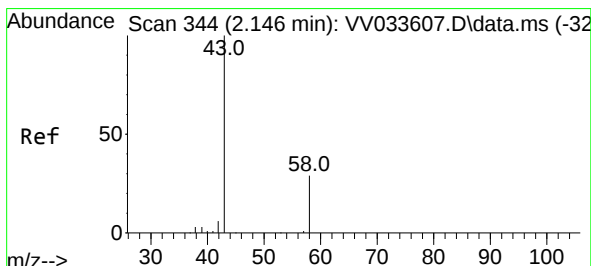
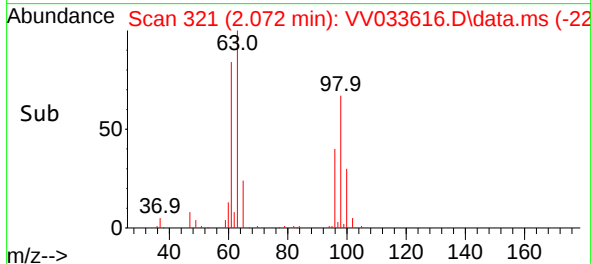
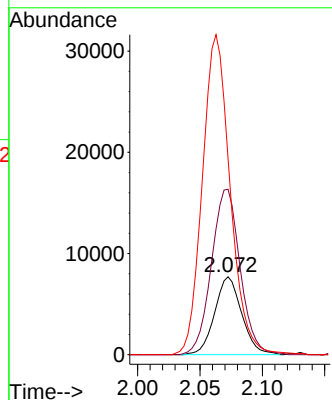
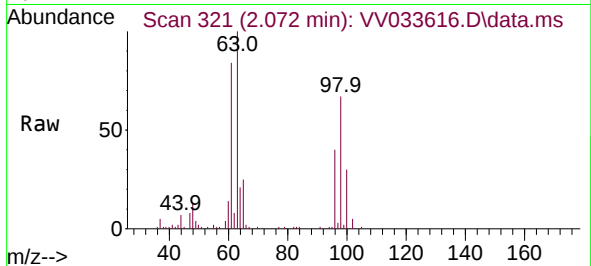




#12
1,1-Dichloroethene
Concen: 1.476 ug/L
RT: 2.072 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV033616.D
Acq: 12 Jan 2024 23:52

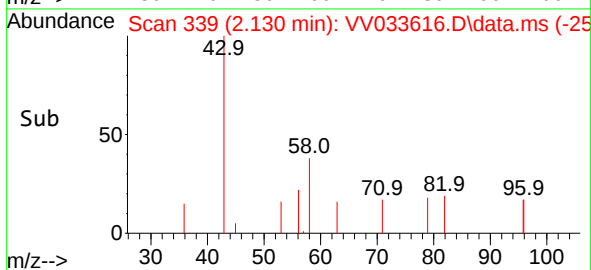
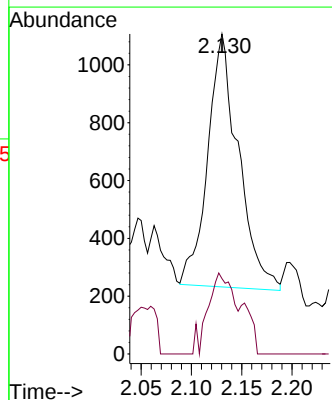
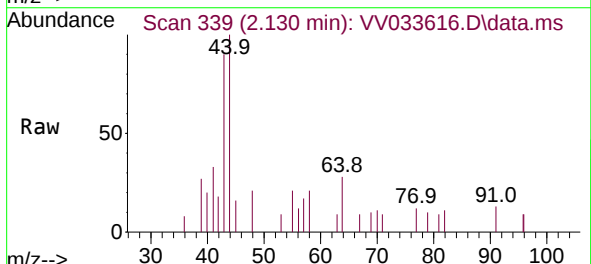
Instrument :
MSVOA_V
ClientSampleId :

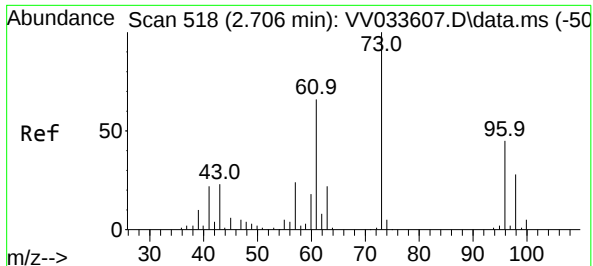
Tgt Ion: 96 Resp: 11623
Ion Ratio Lower Upper
96 100
61 212.5 133.8 248.4
63 252.4 77.2 143.4#



#13
Acetone
Concen: 1.534 ug/L
RT: 2.130 min Scan# 339
Delta R.T. -0.016 min
Lab File: VV033616.D
Acq: 12 Jan 2024 23:52

Tgt Ion: 43 Resp: 1861
Ion Ratio Lower Upper
43 100
58 26.4 0.0 51.0





#17

Methyl tert-butyl Ether

Concen: 0.148 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.000 min

Lab File: VV033616.D

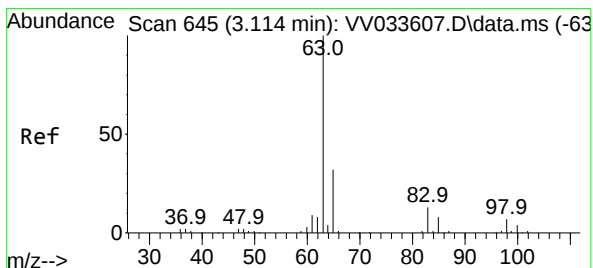
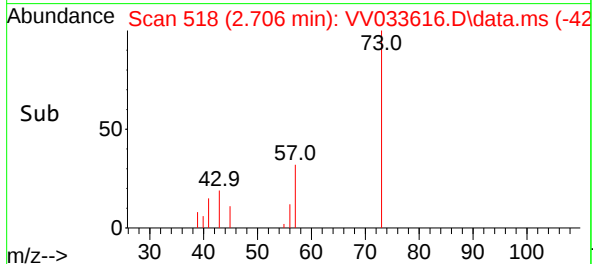
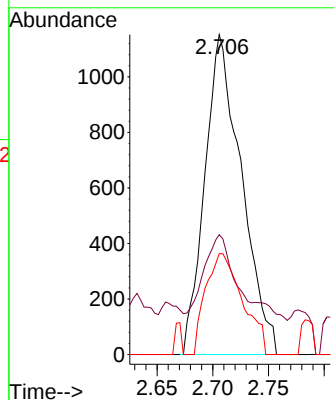
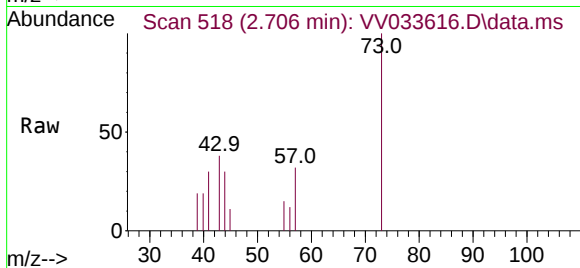
Acq: 12 Jan 2024 23:52

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 73	Resp: 2636
Ion Ratio	Lower Upper
73 100	
43 27.5	17.7 26.5#
57 31.7	19.5 29.3#



#19

1,1-Dichloroethane

Concen: 1.007 ug/L

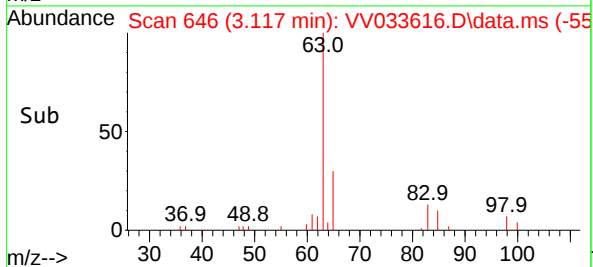
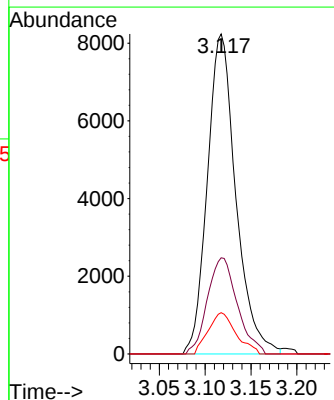
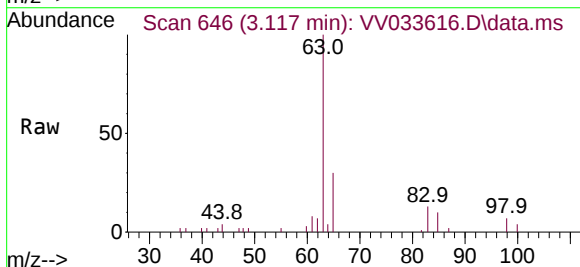
RT: 3.117 min Scan# 646

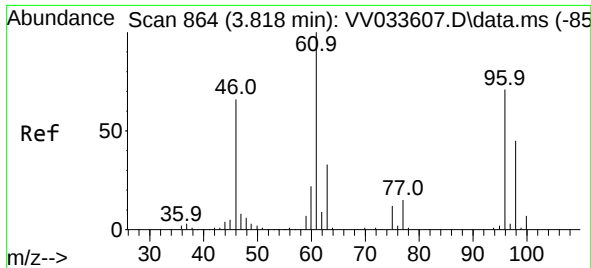
Delta R.T. 0.003 min

Lab File: VV033616.D

Acq: 12 Jan 2024 23:52

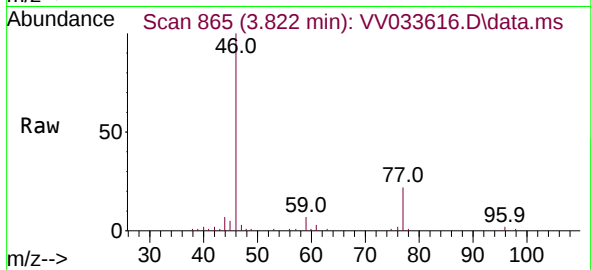
Tgt Ion: 63	Resp: 17812	
Ion Ratio	Lower	Upper
63	100	
65	30.0	21.6 40.2
83	12.9	9.1 16.9



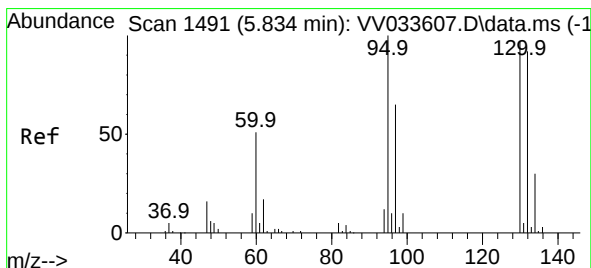
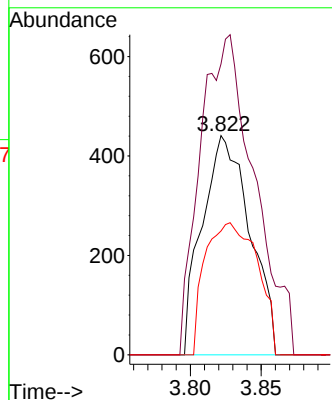
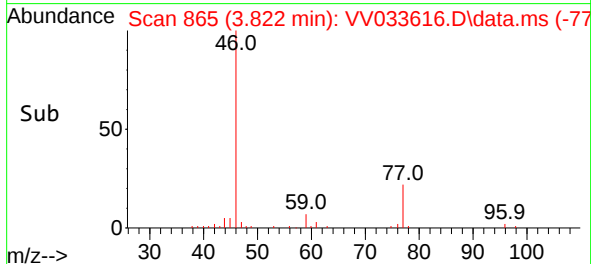


#22
cis-1,2-Dichloroethene
Concen: 0.111 ug/L
RT: 3.822 min Scan# 865
Delta R.T. 0.003 min
Lab File: VV033616.D
Acq: 12 Jan 2024 23:52

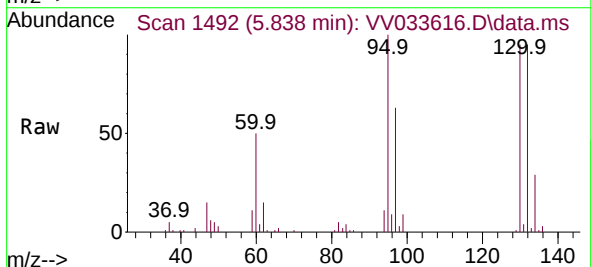
Instrument :
MSVOA_V
ClientSampleId :



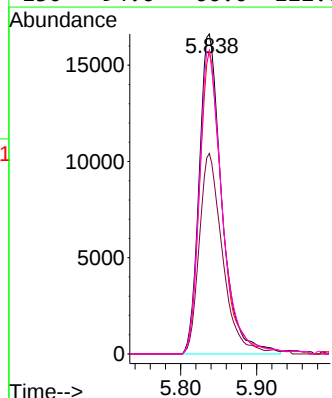
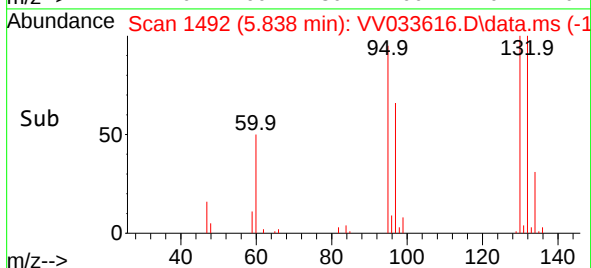
Tgt Ion: 96 Resp: 1037
Ion Ratio Lower Upper
96 100
61 132.7 97.1 180.3
98 56.5 42.6 79.0

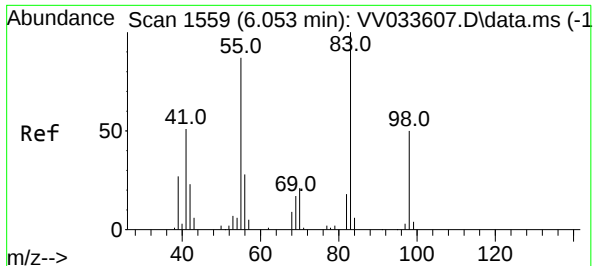


#34
Trichloroethene
Concen: 3.397 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.003 min
Lab File: VV033616.D
Acq: 12 Jan 2024 23:52



Tgt Ion: 95 Resp: 34368
Ion Ratio Lower Upper
95 100
97 62.7 45.1 83.9
132 94.7 65.2 121.2
130 94.6 66.0 122.6





#35

Methylcyclohexane

Concen: 0.562 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.064 min

Lab File: VV033616.D

Acq: 12 Jan 2024 23:52

Instrument :

MSVOA_V

ClientSampleId :

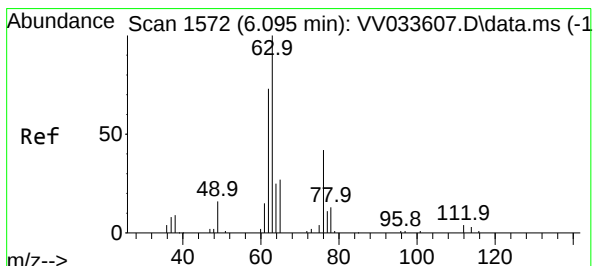
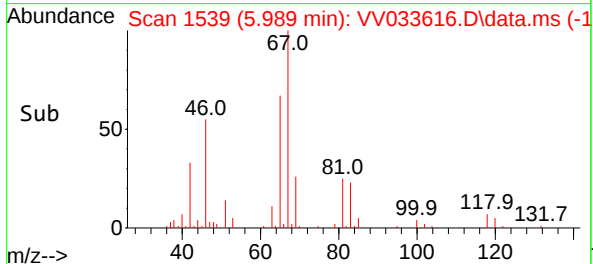
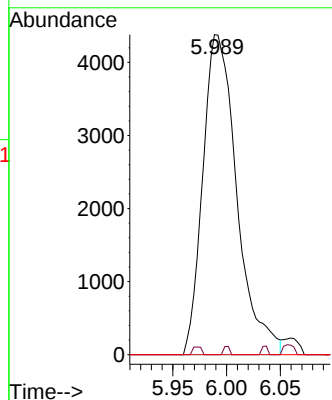
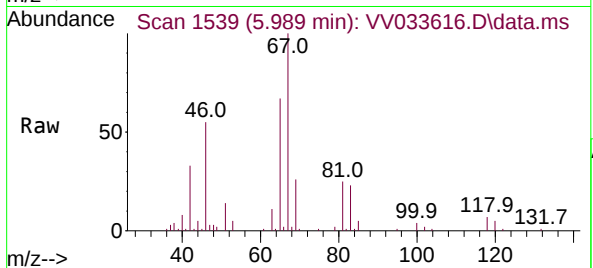
Tgt Ion: 83 Resp: 9623

Ion Ratio Lower Upper

83 100

55 0.5 68.7 103.1#

98 0.0 38.3 57.5#



#37

1,2-Dichloropropane

Concen: 0.525 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.100 min

Lab File: VV033616.D

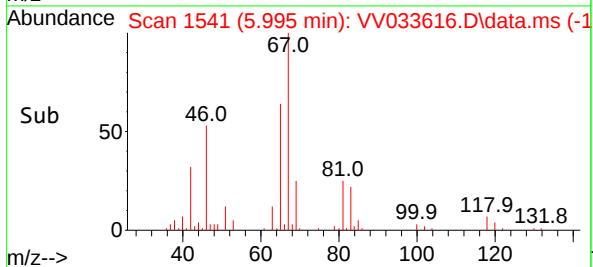
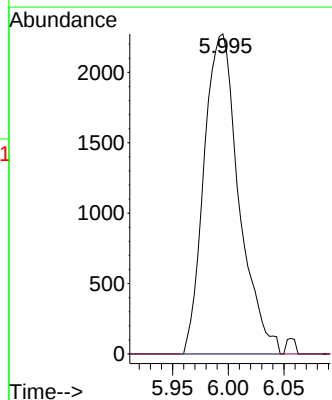
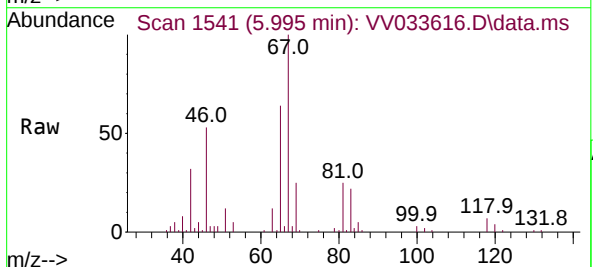
Acq: 12 Jan 2024 23:52

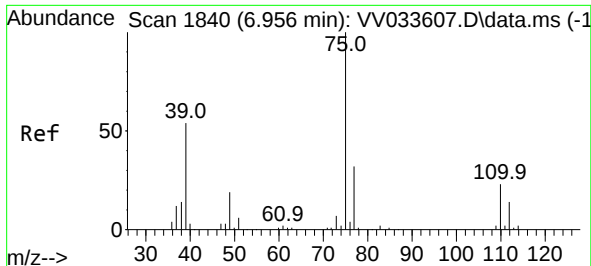
Tgt Ion: 63 Resp: 4955

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 6.921 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV033616.D

Acq: 12 Jan 2024 23:52

Instrument :

MSVOA_V

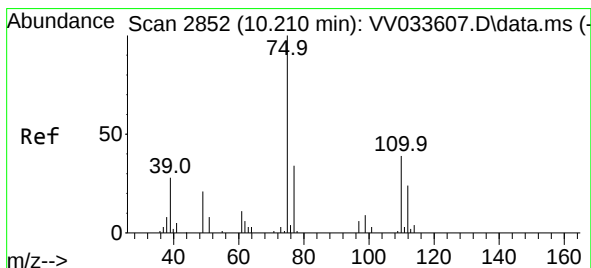
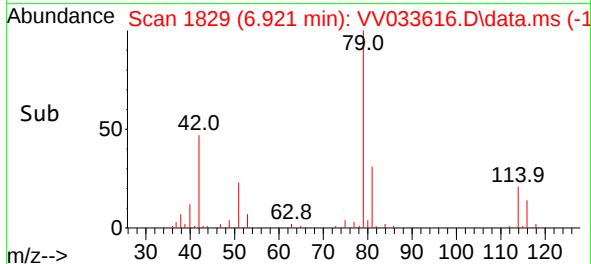
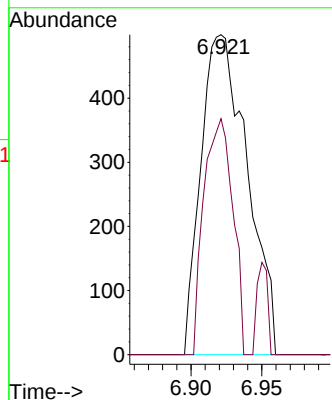
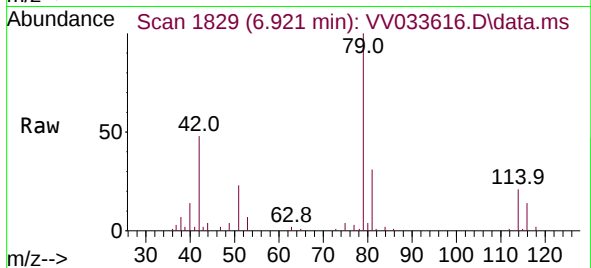
ClientSampleId :

Tgt Ion: 75 Resp: 1137

Ion Ratio Lower Upper

75 100

77 73.7 22.5 41.7#



#61

1,2,3-Trichloropropane

Concen: 1.701 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.974 min

Lab File: VV033616.D

Acq: 12 Jan 2024 23:52

Tgt Ion: 75 Resp: 7533

Ion Ratio Lower Upper

75 100

77 36.4 24.7 37.1

110 0.6 28.0 42.0#

