

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082222\
 Data File : VV027475.D
 Acq On : 22 Aug 2022 18:13
 Operator : SY/MD
 Sample : N4252-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 23 03:14:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 23 03:03:07 2022
 Response via : Initial Calibration

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

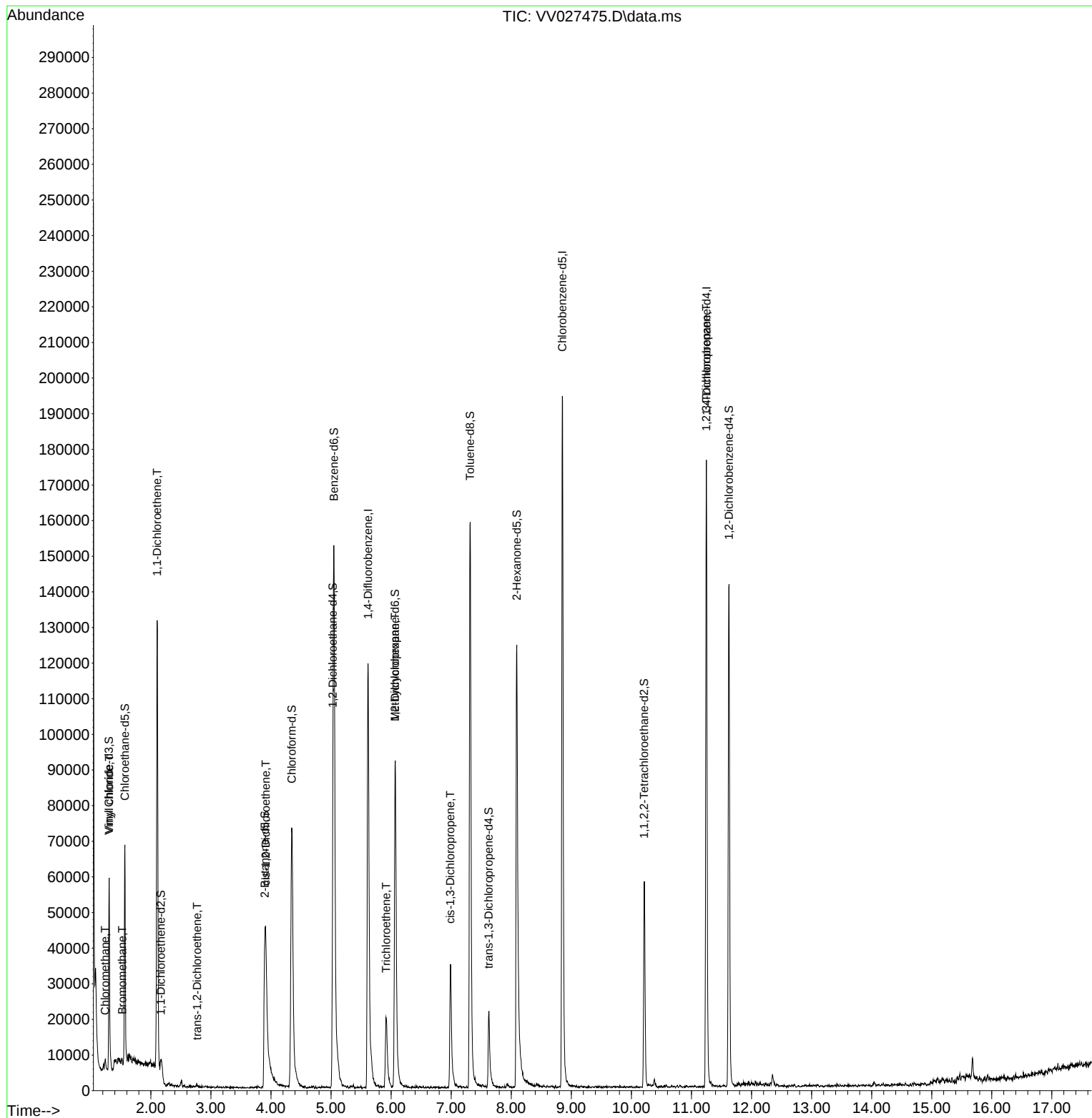
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	107081	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	109944	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	46673	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	36124	4.740	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.800%
7) Chloroethane-d5	1.568	69	37572	6.736	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	134.800%#
11) 1,1-Dichloroethene-d2	2.169	63	3867	0.218	ug/L	0.06
Spiked Amount	5.000	Range	60 - 125	Recovery	=	4.400%#
20) 2-Butanone-d5	3.895	46	59224	62.444	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.880%
24) Chloroform-d	4.346	84	79448	5.214	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
26) 1,2-Dichloroethane-d4	5.030	65	36701	5.567	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.400%
32) Benzene-d6	5.047	84	144058	4.731	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.066	67	45094	5.093	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.313	98	112516	4.092	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	7.625	79	13159	4.341	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.091	63	44664	44.758	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.520%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	28369	5.032	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	36824	5.322	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.400%
Target Compounds						
3) Chloromethane	1.240	50	2519	0.254	ug/L	97
5) Vinyl chloride	1.307	62	1258	0.126	ug/L #	1
6) Bromomethane	1.523	94	389	0.079	ug/L	79
12) 1,1-Dichloroethene	2.105	96	753	0.093	ug/L #	1
18) trans-1,2-Dichloroethene	2.770	96	289	0.035	ug/L #	60
22) cis-1,2-Dichloroethene	3.912	96	10895	1.225	ug/L	96
34) Trichloroethene	5.915	95	7352	0.764	ug/L	94
35) Methylcyclohexane	6.066	83	11429	0.845	ug/L #	15
39) cis-1,3-Dichloropropene	6.985	75	1144	0.097	ug/L #	72
61) 1,2,3-Trichloropropane	11.246	75	5418	1.323	ug/L #	63

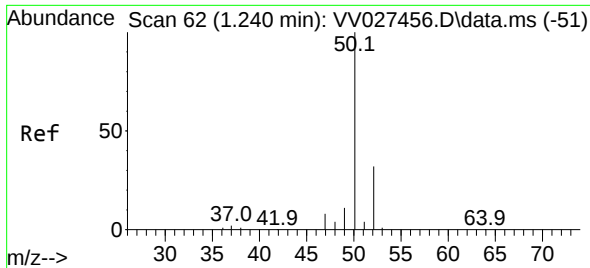
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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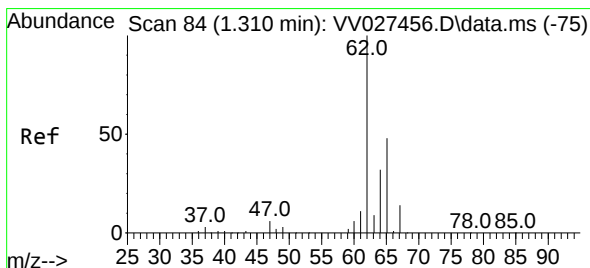
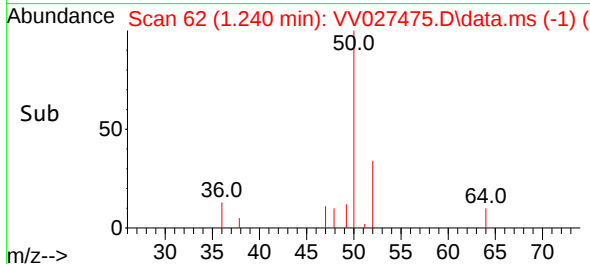
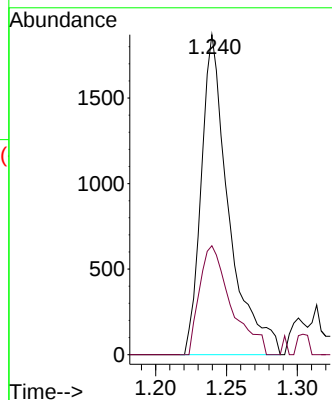
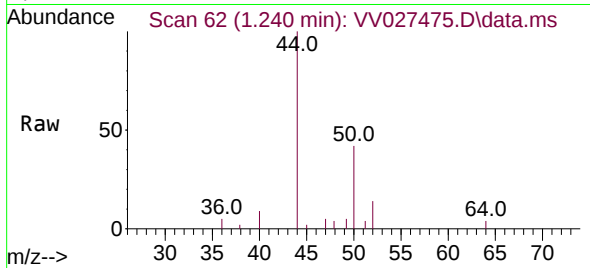




#3
Chloromethane
Concen: 0.254 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV027475.D
Acq: 22 Aug 2022 18:13

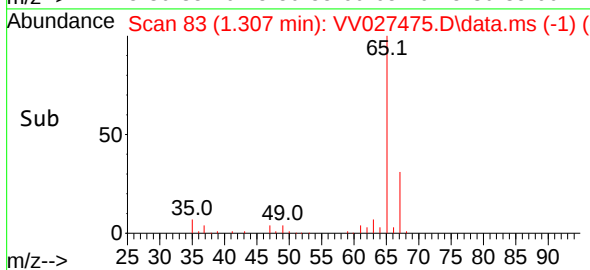
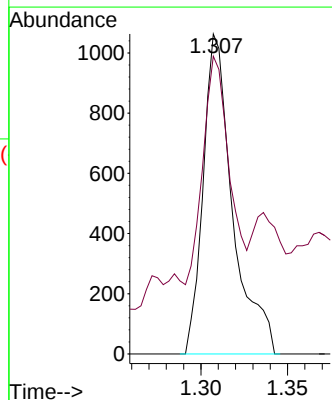
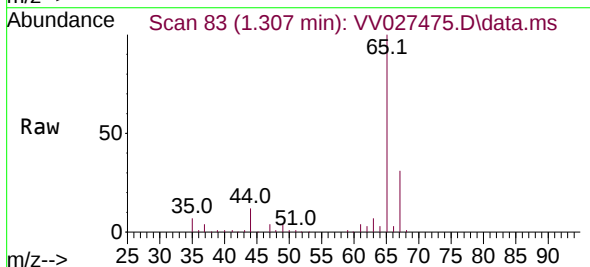
Instrument :
MSVOA_V
ClientSampleId :

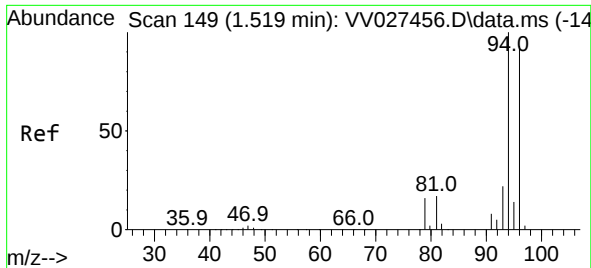
Tgt Ion: 50 Resp: 2519
Ion Ratio Lower Upper
50 100
52 34.1 22.8 42.4



#5
Vinyl chloride
Concen: 0.126 ug/L
RT: 1.307 min Scan# 83
Delta R.T. -0.003 min
Lab File: VV027475.D
Acq: 22 Aug 2022 18:13

Tgt Ion: 62 Resp: 1258
Ion Ratio Lower Upper
62 100
64 93.0 22.6 42.0#

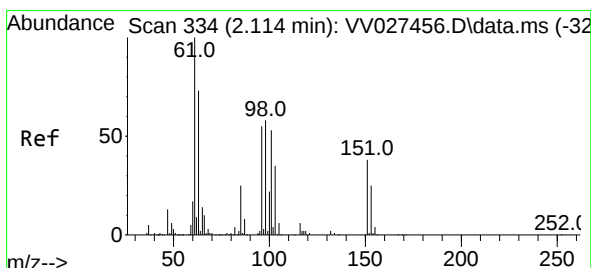
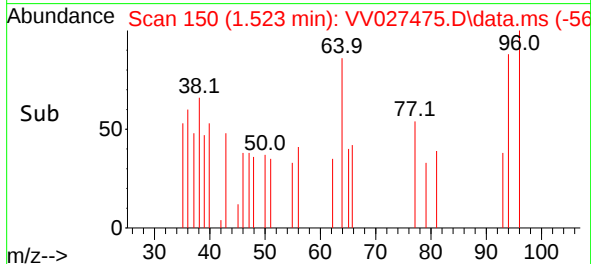
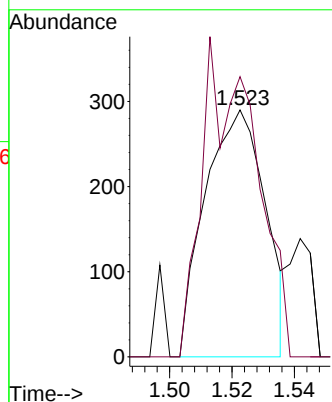
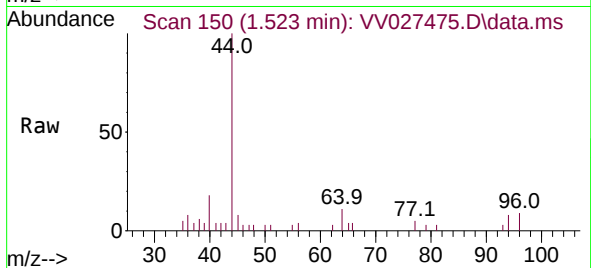




#6
Bromomethane
Concen: 0.079 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV027475.D
Acq: 22 Aug 2022 18:13

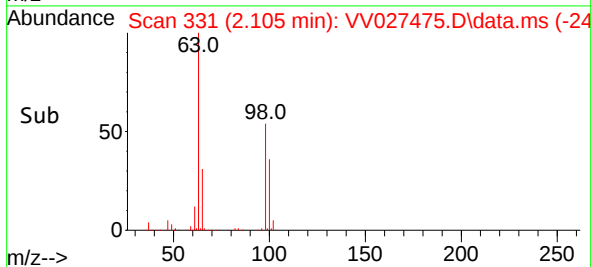
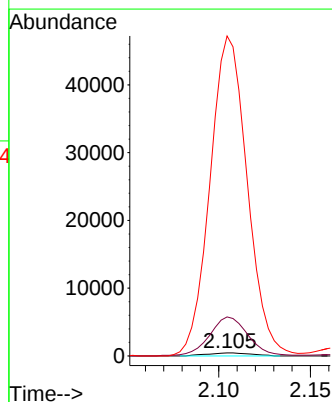
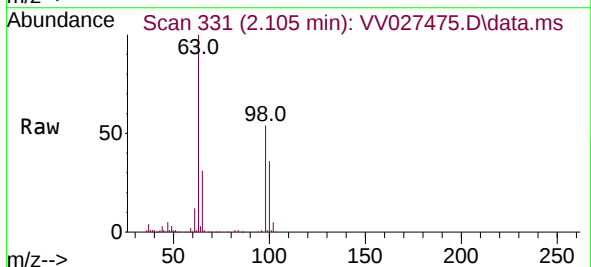
Instrument :
MSVOA_V
ClientSampleId :

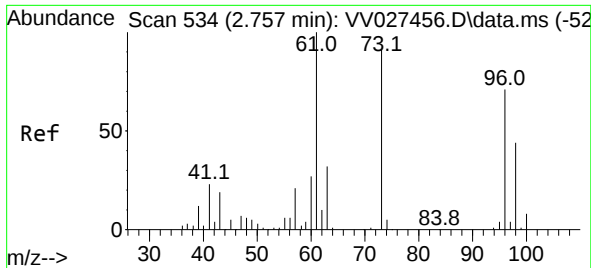
Tgt Ion: 94 Resp: 389
Ion Ratio Lower Upper
94 100
96 113.4 65.2 121.0



#12
1,1-Dichloroethene
Concen: 0.093 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.010 min
Lab File: VV027475.D
Acq: 22 Aug 2022 18:13

Tgt Ion: 96 Resp: 753
Ion Ratio Lower Upper
96 100
61 1278.9 130.2 241.8#
63 10492.4 87.4 162.4#

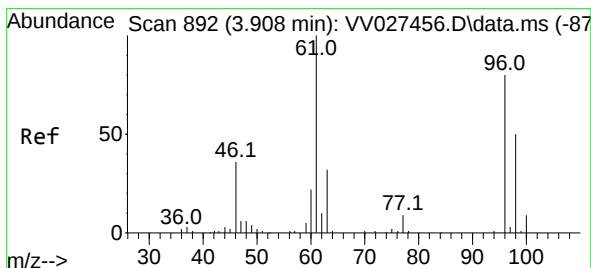
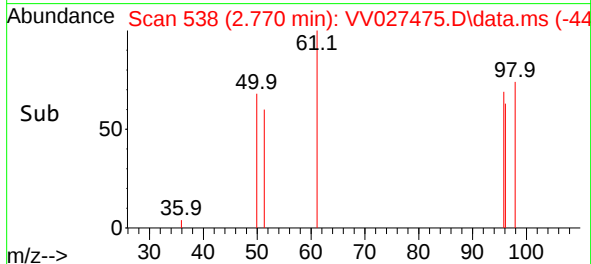
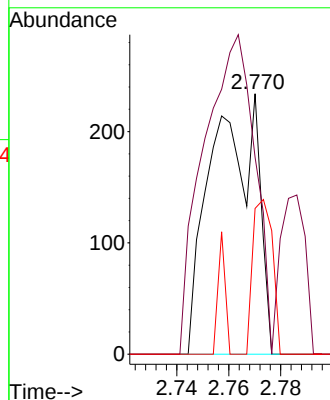
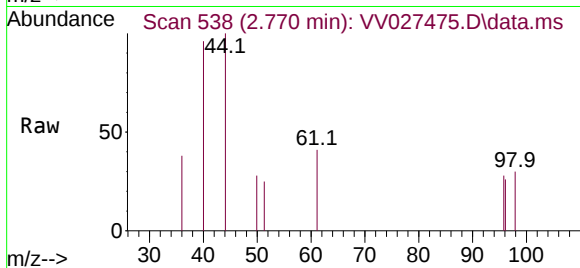




#18
trans-1,2-Dichloroethene
Concen: 0.035 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.013 min
Lab File: VV027475.D
Acq: 22 Aug 2022 18:13

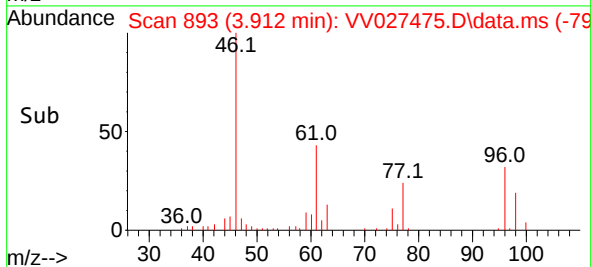
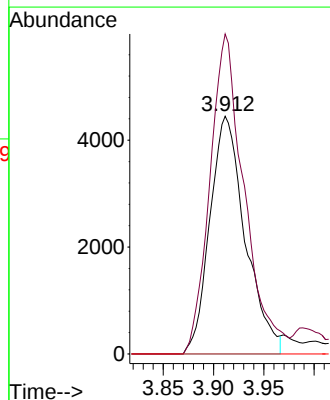
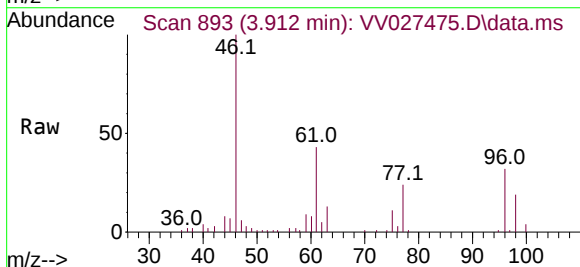
Instrument :
MSVOA_V
ClientSampleId :

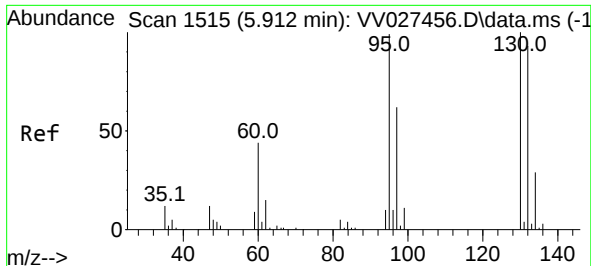
Tgt Ion: 96 Resp: 289
Ion Ratio Lower Upper
96 100
61 75.6 97.6 181.4#
98 56.0 45.9 85.3



#22
cis-1,2-Dichloroethene
Concen: 1.225 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV027475.D
Acq: 22 Aug 2022 18:13

Tgt Ion: 96 Resp: 10895
Ion Ratio Lower Upper
96 100
61 134.6 90.6 168.2
68 0.0 0.0 0.0



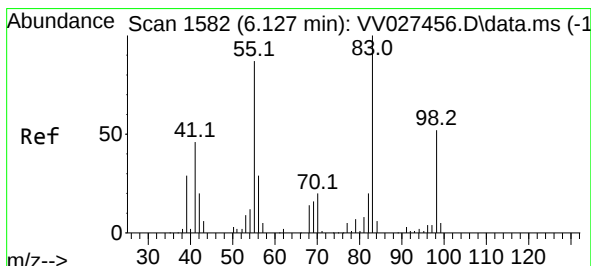
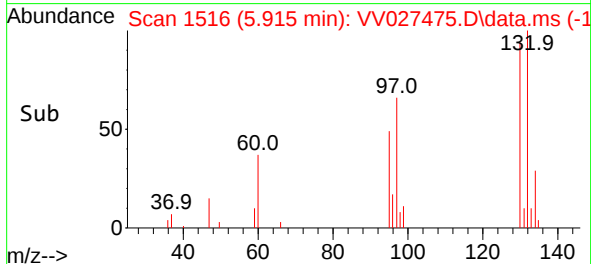
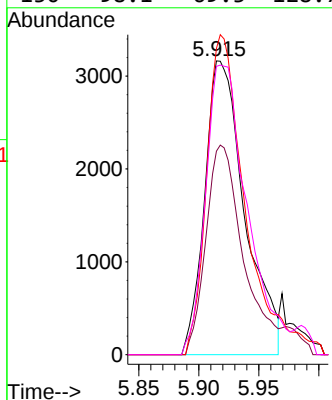
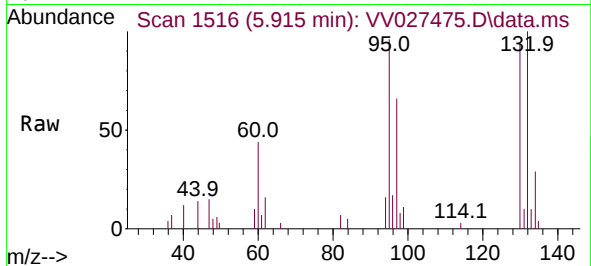


#34
Trichloroethene
Concen: 0.764 ug/L
RT: 5.915 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV027475.D
Acq: 22 Aug 2022 18:13

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 7352

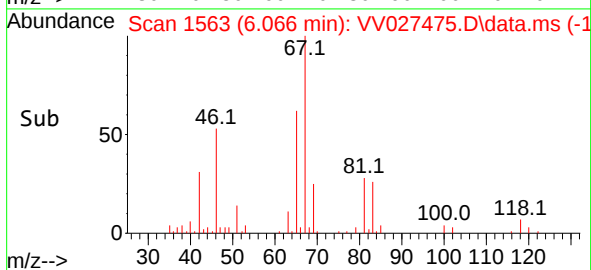
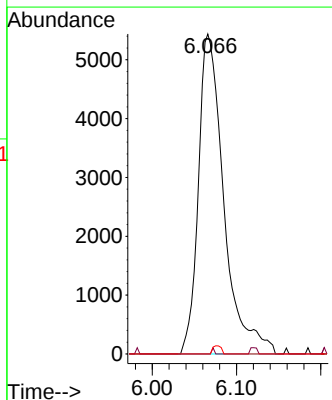
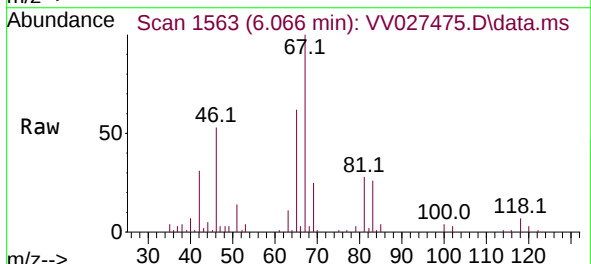
Ion	Ratio	Lower	Upper
95	100		
97	69.3	45.0	83.6
132	104.2	65.7	121.9
130	98.1	69.3	128.7

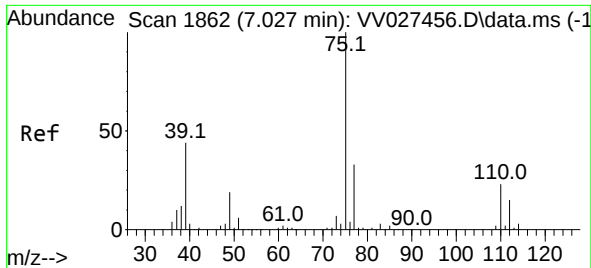


#35
Methylcyclohexane
Concen: 0.845 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV027475.D
Acq: 22 Aug 2022 18:13

Tgt Ion: 83 Resp: 11429

Ion	Ratio	Lower	Upper
83	100		
55	0.2	68.2	102.4#
98	0.8	39.0	58.4#





#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV027475.D

Acq: 22 Aug 2022 18:13

Instrument :

MSVOA_V

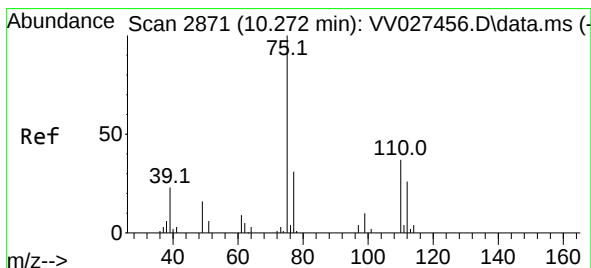
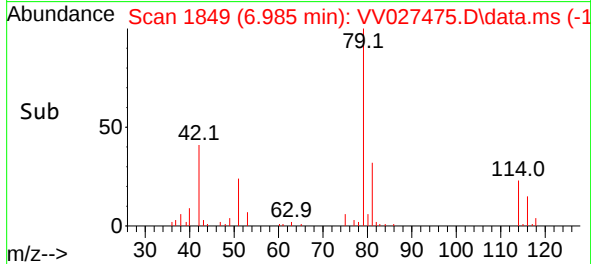
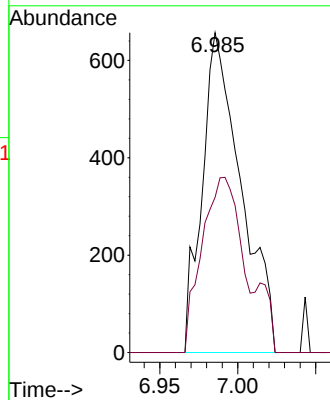
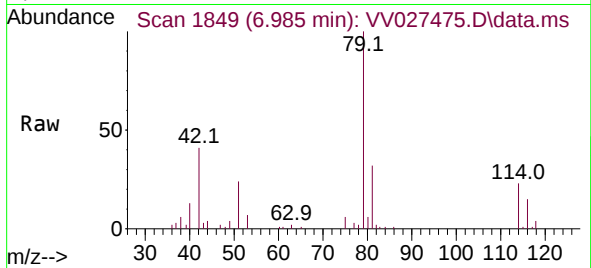
ClientSampleId :

Tgt Ion: 75 Resp: 1144

Ion Ratio Lower Upper

75 100

77 48.6 22.9 42.5#



#61

1,2,3-Trichloropropane

Concen: 1.323 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV027475.D

Acq: 22 Aug 2022 18:13

Tgt Ion: 75 Resp: 5418

Ion Ratio Lower Upper

75 100

77 38.9 26.2 39.2

110 2.0 29.9 44.9#

