

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061822\
 Data File : VW026420.D
 Acq On : 18 Jun 2022 13:11
 Operator : SY/MD
 Sample : N3298-03
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 20 01:28:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 20 01:25:22 2022
 Response via : Initial Calibration

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

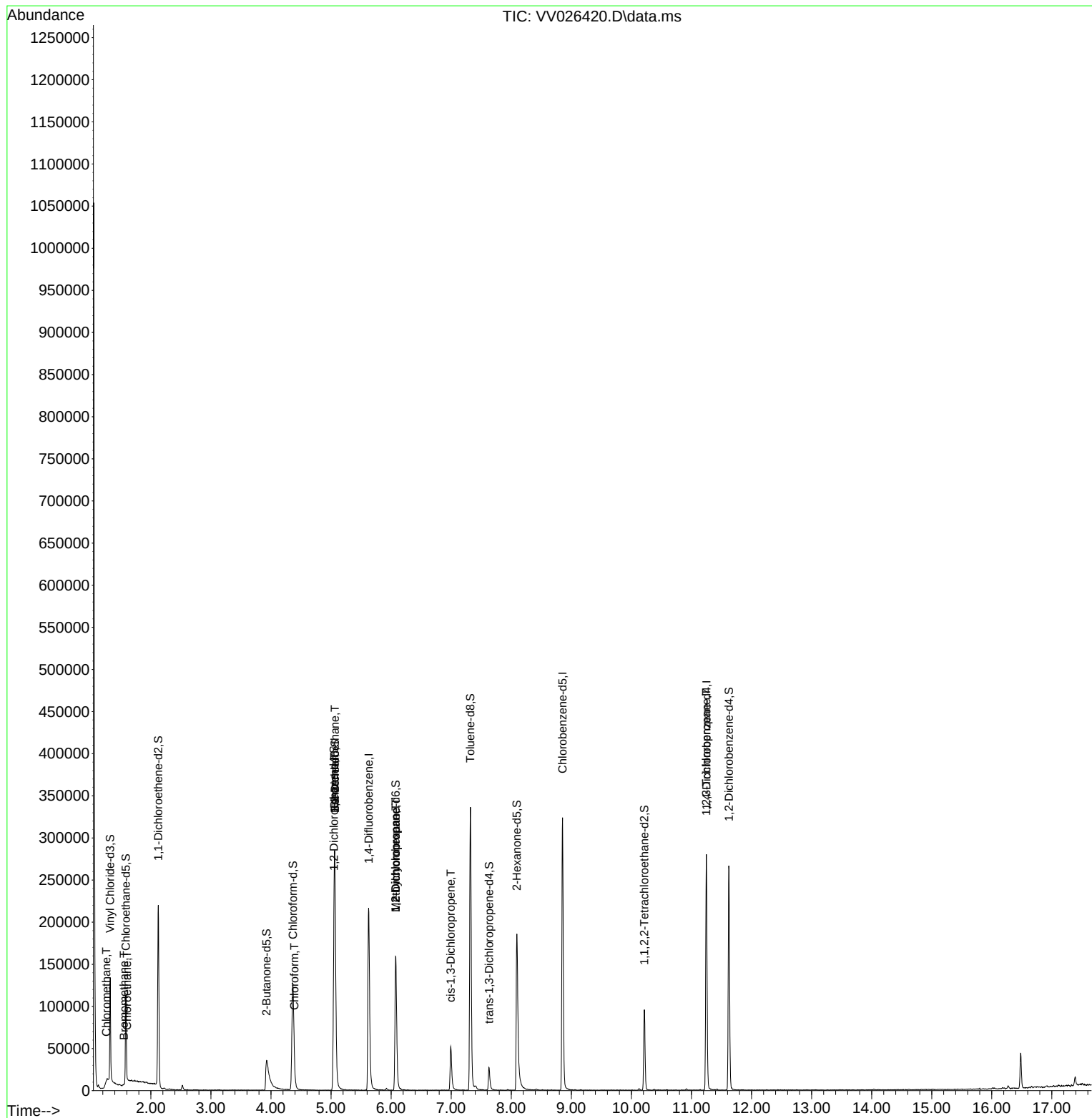
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	192761	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	187039	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	75058	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	80509	4.809	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.200%	
7) Chloroethane-d5	1.584	69	66941	5.085	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.600%	
11) 1,1-Dichloroethene-d2	2.124	63	114603	3.986	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	79.800%	
20) 2-Butanone-d5	3.928	46	84239	51.564	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.120%	
24) Chloroform-d	4.365	84	136197	5.550	ug/L	0.01
Spiked Amount	5.000	Range 70 - 125	Recovery	=	111.000%	
26) 1,2-Dichloroethane-d4	5.047	65	56287	5.422	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.400%	
32) Benzene-d6	5.063	84	275173	5.503	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	110.000%	
36) 1,2-Dichloropropane-d6	6.075	67	81241	5.567	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	111.400%	
41) Toluene-d8	7.320	98	229653	5.037	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.800%	
43) trans-1,3-Dichloroprop...	7.632	79	17580	3.715	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	74.200%	
46) 2-Hexanone-d5	8.091	63	69575	48.669	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.340%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	48313	5.374	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	70017	6.056	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	121.200%#	
Target Compounds						Qvalue
3) Chloromethane	1.259	50	847	0.053	ug/L	91
6) Bromomethane	1.552	94	556	0.060	ug/L	79
8) Chloroethane	1.603	64	9192	0.890	ug/L #	51
25) Chloroform	4.391	83	2396	0.098	ug/L #	57
27) 1,2-Dichloroethane	5.063	62	1462	0.131	ug/L #	83
33) Benzene	5.056	78	2257	0.047	ug/L	100
35) Methylcyclohexane	6.075	83	19263	1.064	ug/L #	19
37) 1,2-Dichloropropane	6.079	63	8527	0.680	ug/L #	88
39) cis-1,3-Dichloropropene	6.992	75	1504	0.105	ug/L #	64
61) 1,2,3-Trichloropropane	11.246	75	8966	1.841	ug/L #	68

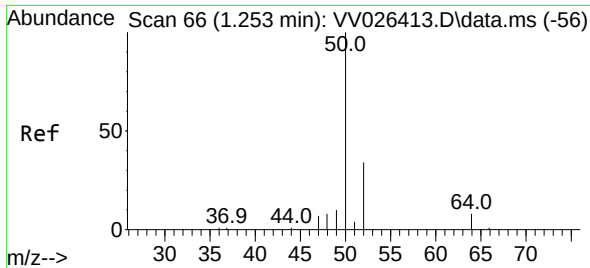
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jun 20 01:25:22 2022
Response via : Initial Calibration

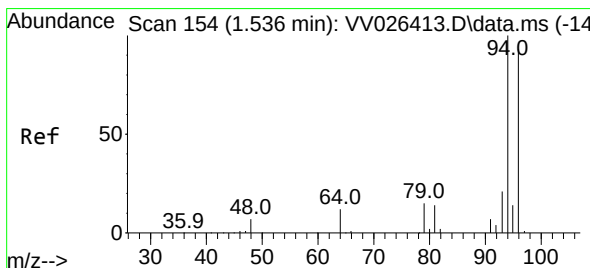
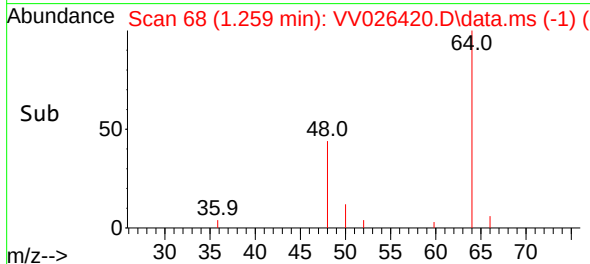
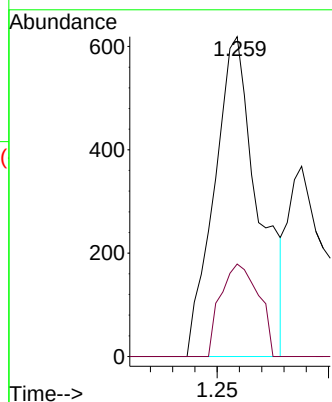
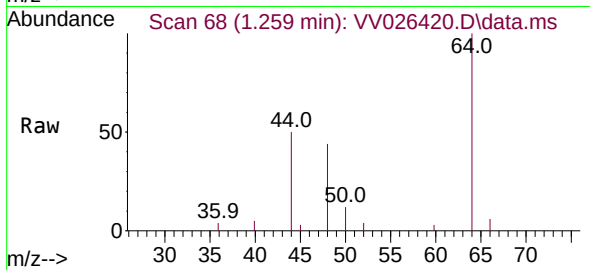




#3
Chloromethane
Concen: 0.053 ug/L
RT: 1.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV026420.D
Acq: 18 Jun 2022 13:11

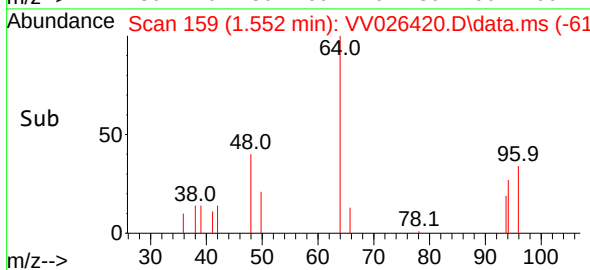
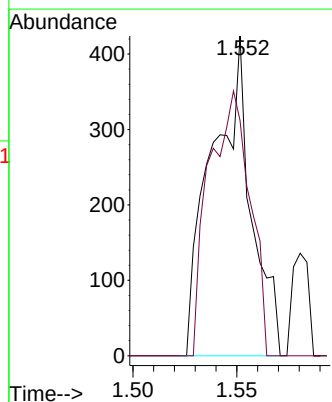
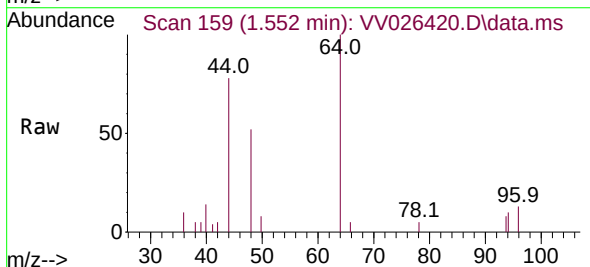
Instrument :
MSVOA_V
ClientSampleId :

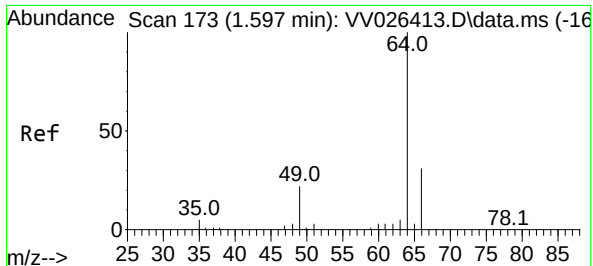
Tgt Ion: 50 Resp: 847
Ion Ratio Lower Upper
50 100
52 28.9 23.7 44.1



#6
Bromomethane
Concen: 0.060 ug/L
RT: 1.552 min Scan# 159
Delta R.T. 0.016 min
Lab File: VV026420.D
Acq: 18 Jun 2022 13:11

Tgt Ion: 94 Resp: 556
Ion Ratio Lower Upper
94 100
96 73.6 65.7 121.9

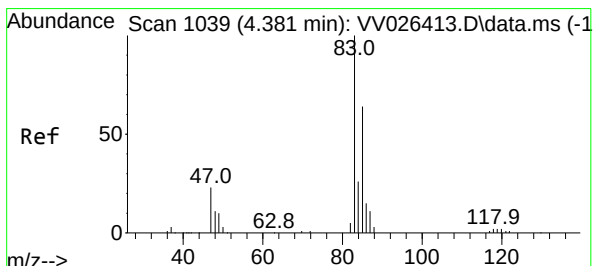
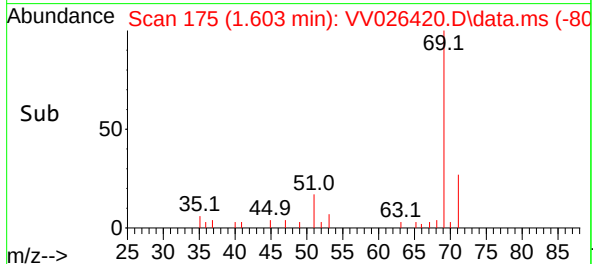
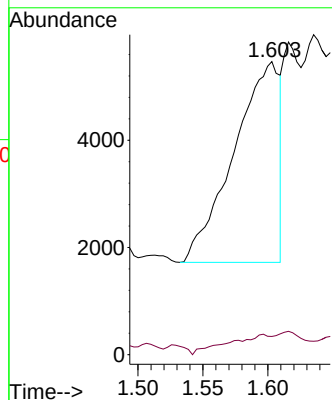
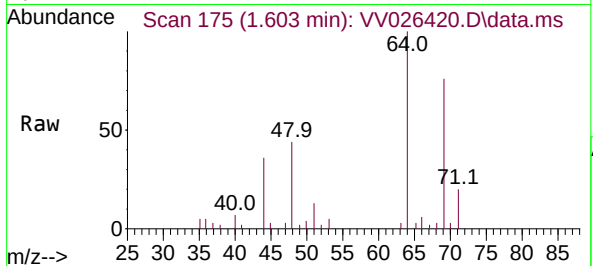




#8
Chloroethane
Concen: 0.890 ug/L
RT: 1.603 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV026420.D
Acq: 18 Jun 2022 13:11

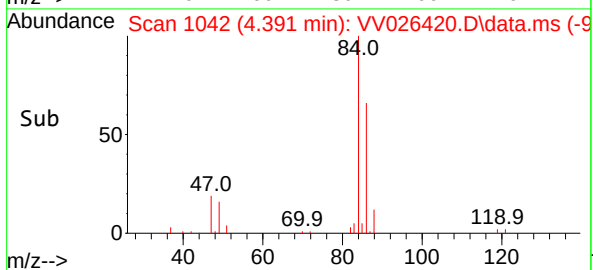
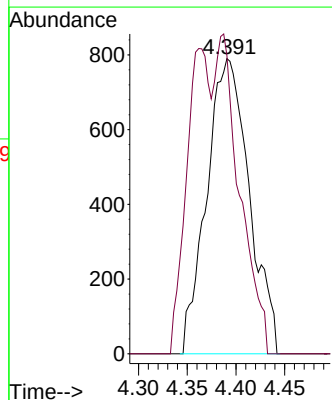
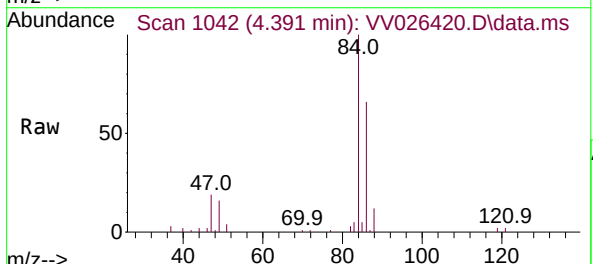
Instrument :
MSVOA_V
ClientSampleId :

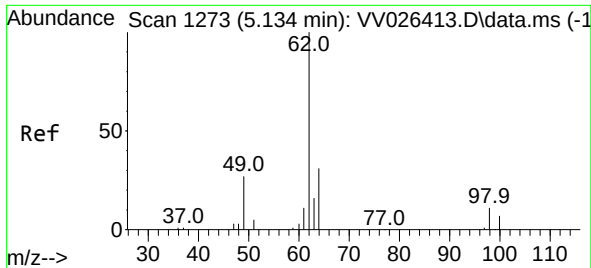
Tgt Ion: 64 Resp: 9192
Ion Ratio Lower Upper
64 100
66 6.2 24.1 44.7#



#25
Chloroform
Concen: 0.098 ug/L
RT: 4.391 min Scan# 1042
Delta R.T. 0.010 min
Lab File: VV026420.D
Acq: 18 Jun 2022 13:11

Tgt Ion: 83 Resp: 2396
Ion Ratio Lower Upper
83 100
85 101.0 46.5 86.3#





#27

1,2-Dichloroethane

Concen: 0.131 ug/L

RT: 5.063 min Scan# 1251

Delta R.T. -0.071 min

Lab File: VV026420.D

Acq: 18 Jun 2022 13:11

Instrument :

MSVOA_V

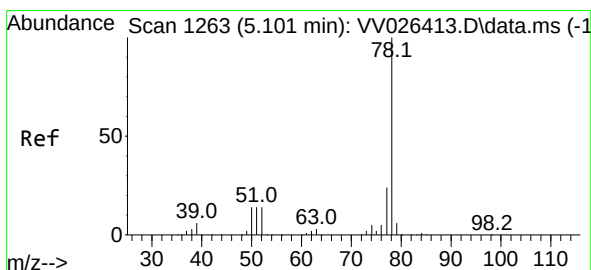
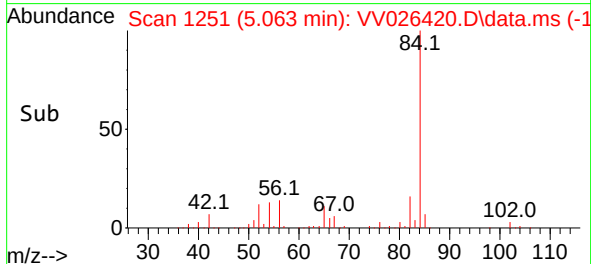
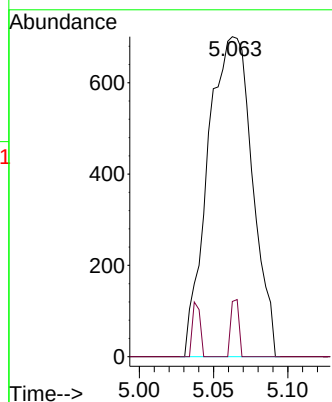
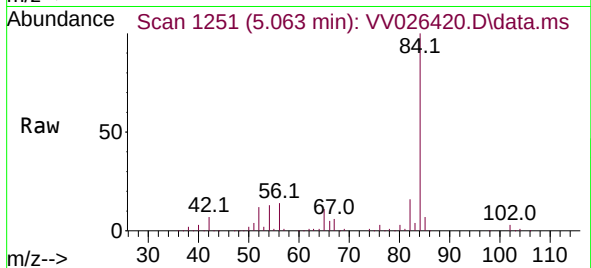
ClientSampleId :

Tgt Ion: 62 Resp: 1462

Ion Ratio Lower Upper

62 100

98 17.3 8.6 13.0#



#33

Benzene

Concen: 0.047 ug/L

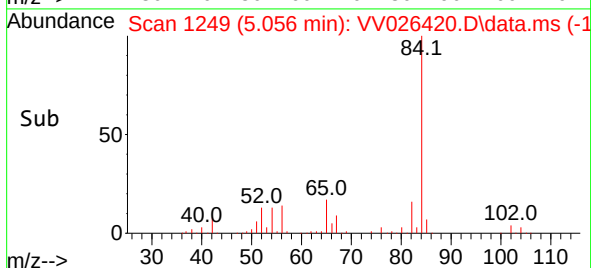
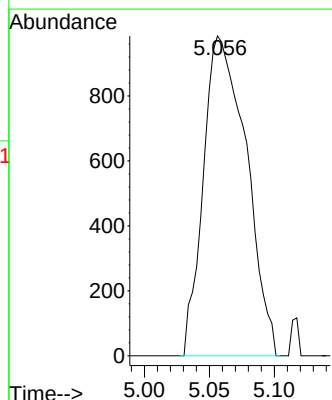
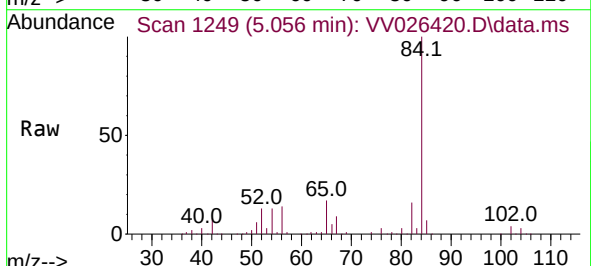
RT: 5.056 min Scan# 1249

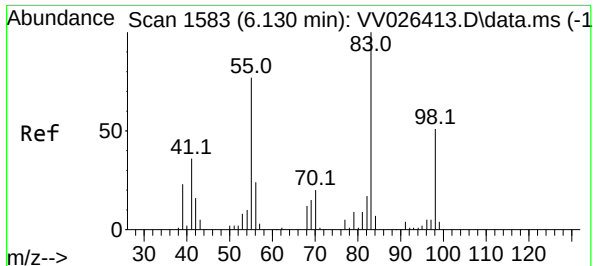
Delta R.T. -0.045 min

Lab File: VV026420.D

Acq: 18 Jun 2022 13:11

Tgt Ion: 78 Resp: 2257





#35

Methylcyclohexane

Concen: 1.064 ug/L

RT: 6.075 min Scan# 1566

Delta R.T. -0.055 min

Lab File: VV026420.D

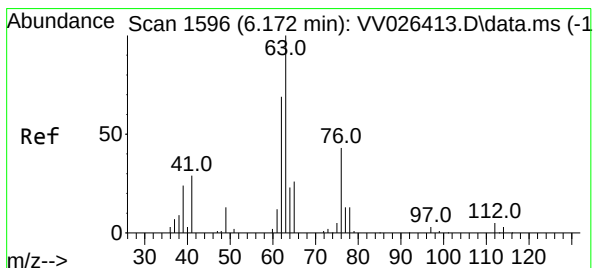
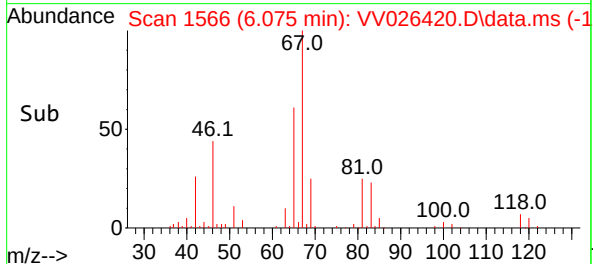
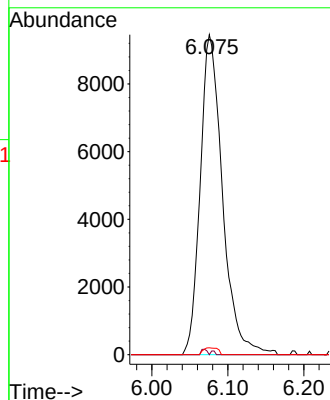
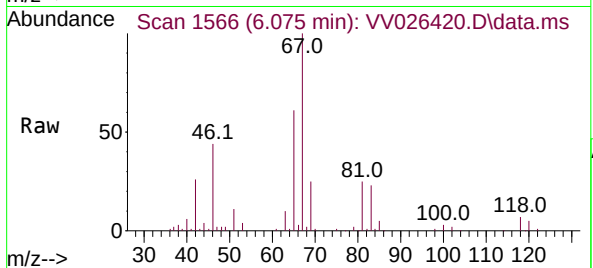
Acq: 18 Jun 2022 13:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 19263
Ion Ratio	Lower Upper
83 100	
55 0.2	59.3 88.9#
98 1.4	39.9 59.9#



#37

1,2-Dichloropropane

Concen: 0.680 ug/L

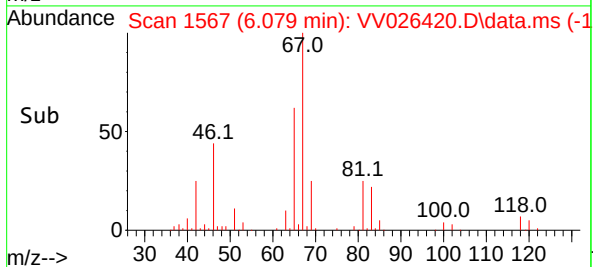
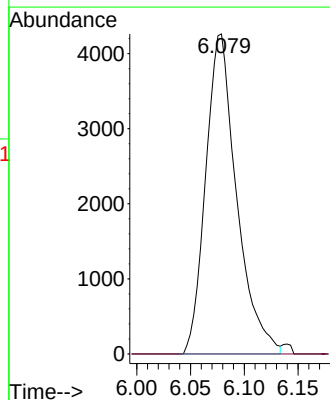
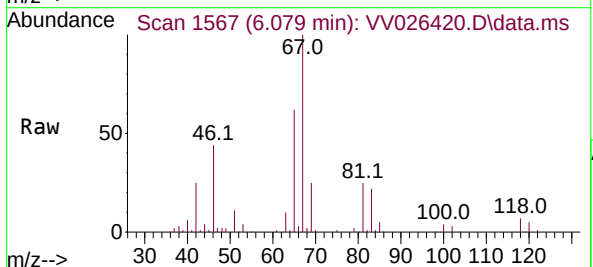
RT: 6.079 min Scan# 1567

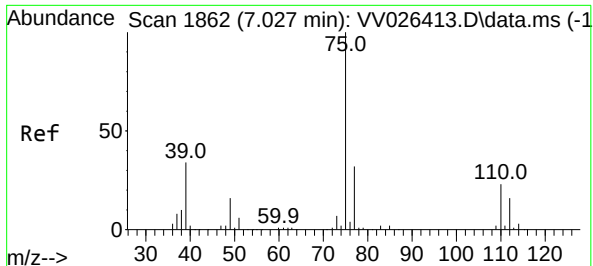
Delta R.T. -0.093 min

Lab File: VV026420.D

Acq: 18 Jun 2022 13:11

Tgt Ion: 63	Resp: 8527
Ion Ratio	Lower Upper
63 100	
112 0.0	3.3 4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.105 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV026420.D

Acq: 18 Jun 2022 13:11

Instrument :

MSVOA_V

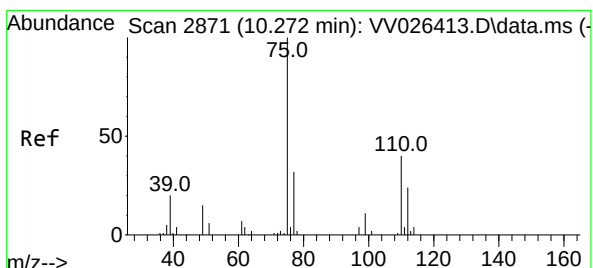
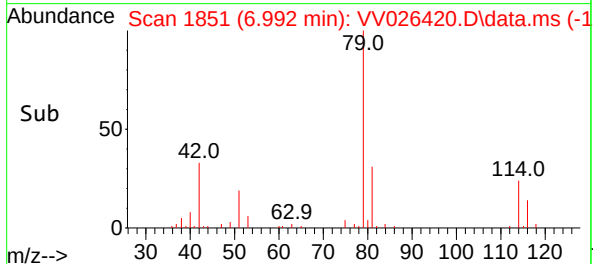
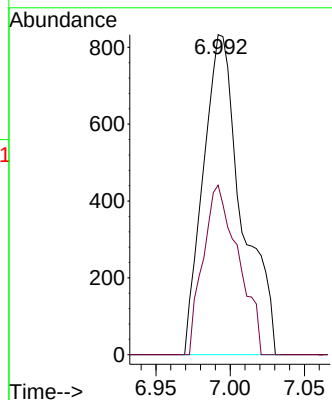
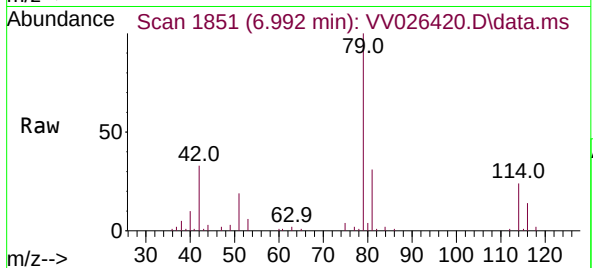
ClientSampleId :

Tgt Ion: 75 Resp: 1504

Ion Ratio Lower Upper

75 100

77 52.9 23.0 42.6#



#61

1,2,3-Trichloropropane

Concen: 1.841 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV026420.D

Acq: 18 Jun 2022 13:11

Tgt Ion: 75 Resp: 8966

Ion Ratio Lower Upper

75 100

77 32.9 26.9 40.3

110 2.7 30.7 46.1#

