

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071322\
 Data File : VW026746.D
 Acq On : 13 Jul 2022 12:23
 Operator : SY/MD
 Sample : N3601-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 13 23:01:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 13 23:00:17 2022
 Response via : Initial Calibration

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

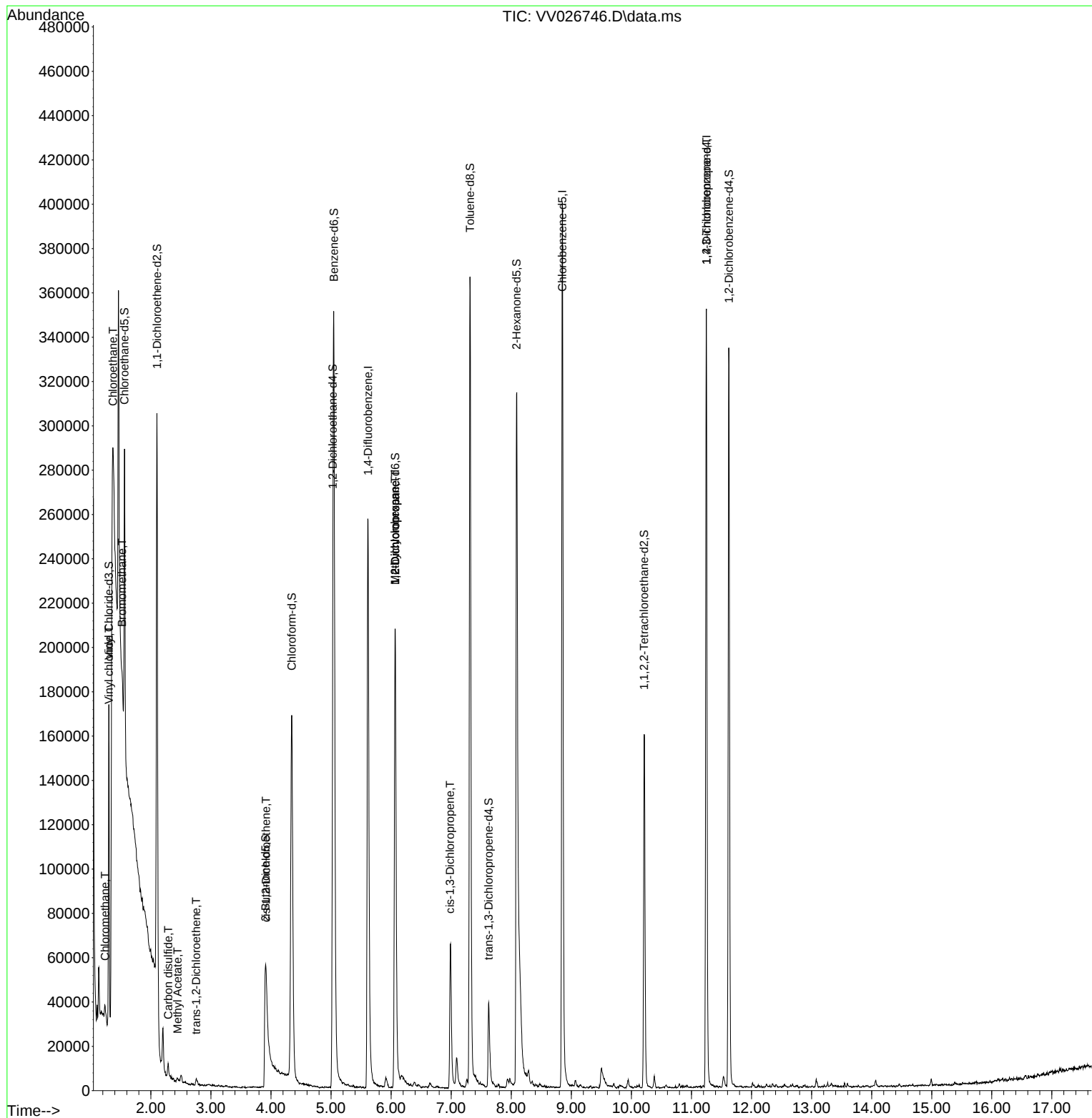
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	226881	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	231453	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	92376	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	88358	4.269	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.561	69	85579	4.785	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	2.101	63	133062	3.349	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.000%
20) 2-Butanone-d5	3.908	46	116210	35.974	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.940%
24) Chloroform-d	4.346	84	176529	4.878	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.031	65	80687	5.103	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.047	84	323150	4.595	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.069	67	107485	5.097	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.313	98	250171	4.007	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	7.622	79	25011	3.625	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.600%
46) 2-Hexanone-d5	8.088	63	143075	47.899	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.800%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	80653	4.910	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	85261	5.297	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.237	50	3997	0.144	ug/L	95
5) Vinyl chloride	1.304	62	3080	0.109	ug/L #	1
6) Bromomethane	1.519	94	1320	0.078	ug/L	95
8) Chloroethane	1.372	64	1846234	111.187	ug/L #	49
14) Carbon disulfide	2.288	76	7406	0.126	ug/L	96
15) Methyl Acetate	2.442	43	2385	0.434	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	1219	0.067	ug/L	98
22) cis-1,2-Dichloroethene	3.915	96	6734	0.365	ug/L	93
35) Methylcyclohexane	6.066	83	25741	0.887	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	11409	0.617	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	1686	0.073	ug/L #	77
61) 1,2,3-Trichloropropane	11.249	75	11549	1.356	ug/L #	66

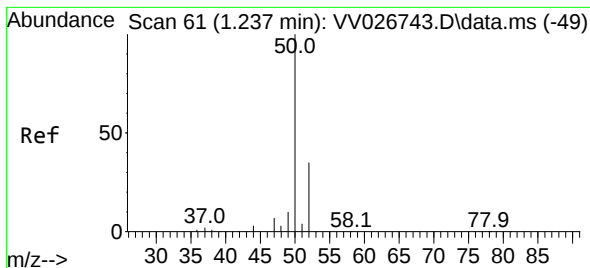
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jul 13 23:00:17 2022
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.144 ug/L

RT: 1.237 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV026746.D

Acq: 13 Jul 2022 12:23

Instrument :

MSVOA_V

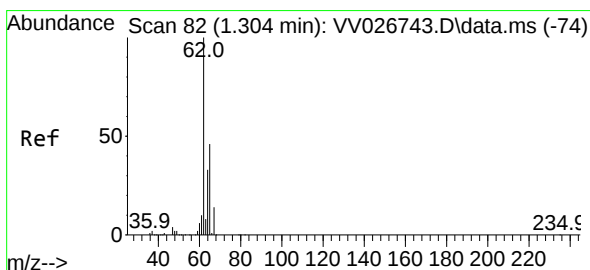
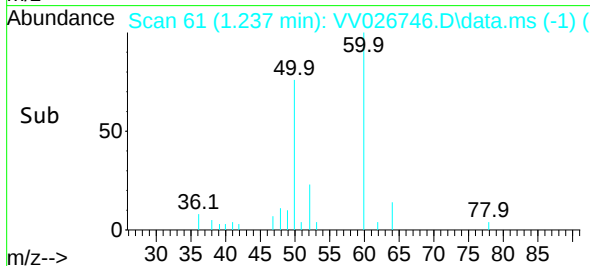
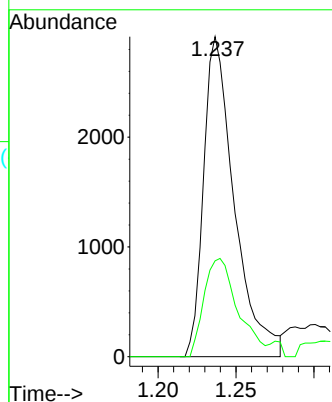
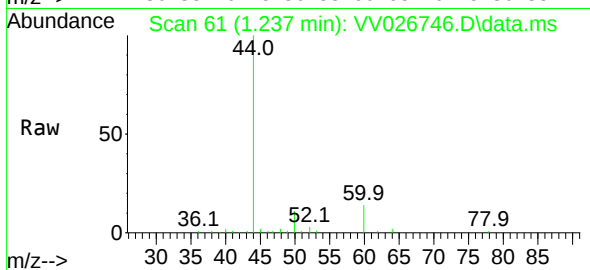
ClientSampleId :

Tgt Ion: 50 Resp: 3997

Ion Ratio Lower Upper

50 100

52 29.9 22.8 42.4



#5

Vinyl chloride

Concen: 0.109 ug/L

RT: 1.304 min Scan# 82

Delta R.T. -0.000 min

Lab File: VV026746.D

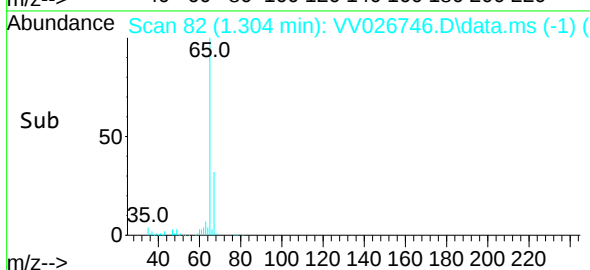
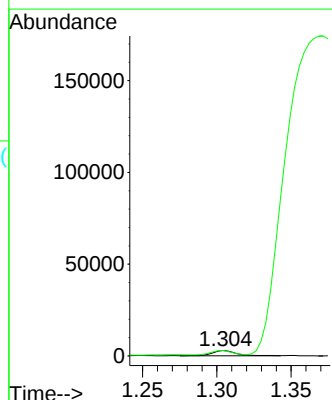
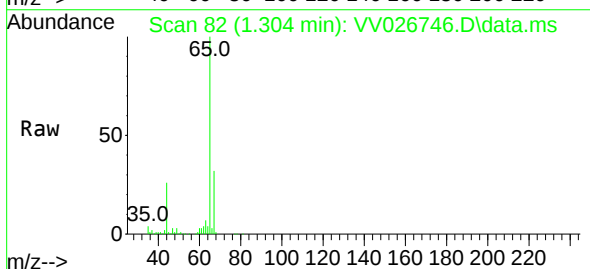
Acq: 13 Jul 2022 12:23

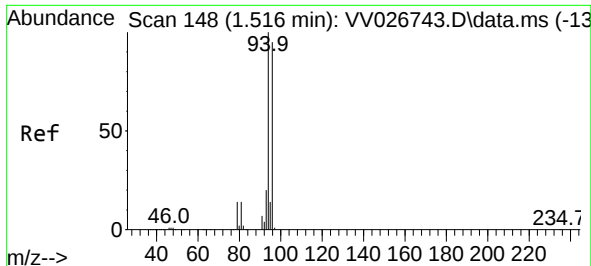
Tgt Ion: 62 Resp: 3080

Ion Ratio Lower Upper

62 100

64 98.8 22.9 42.5#

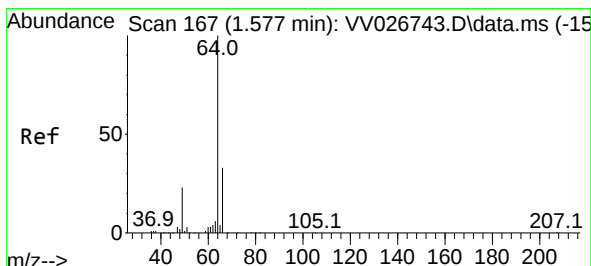
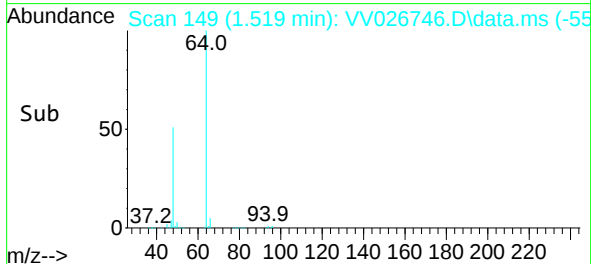
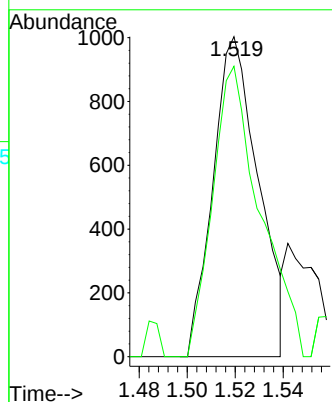
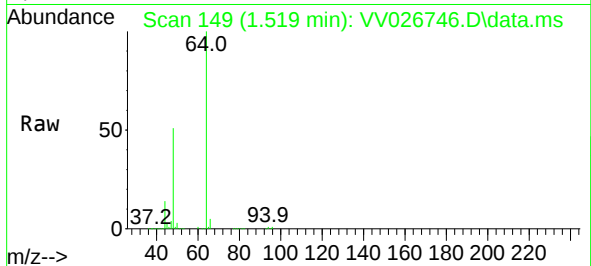




#6
Bromomethane
Concen: 0.078 ug/L
RT: 1.519 min Scan# 14
Delta R.T. 0.003 min
Lab File: VV026746.D
Acq: 13 Jul 2022 12:23

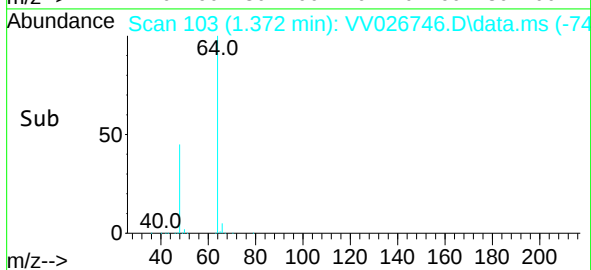
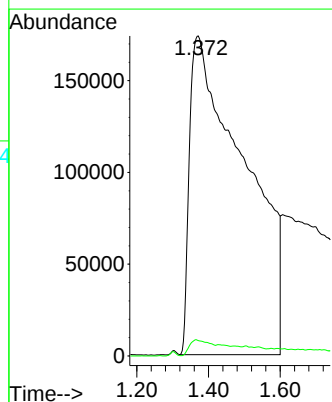
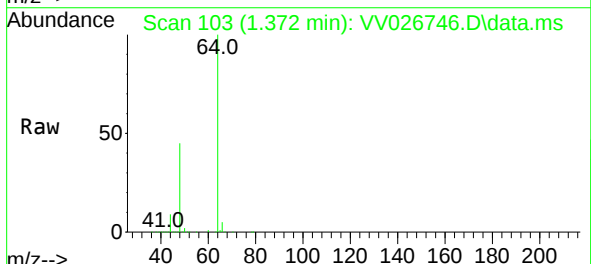
Instrument :
MSVOA_V
ClientSampleId :

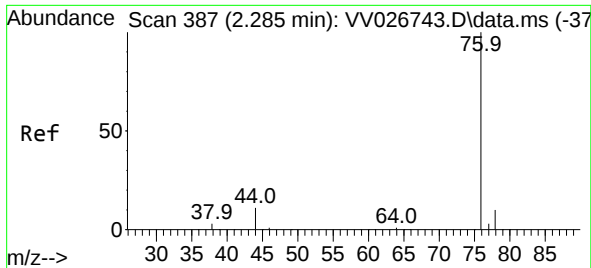
Tgt Ion: 94 Resp: 1320
Ion Ratio Lower Upper
94 100
96 90.7 67.1 124.7



#8
Chloroethane
Concen: 111.187 ug/L
RT: 1.372 min Scan# 103
Delta R.T. -0.206 min
Lab File: VV026746.D
Acq: 13 Jul 2022 12:23

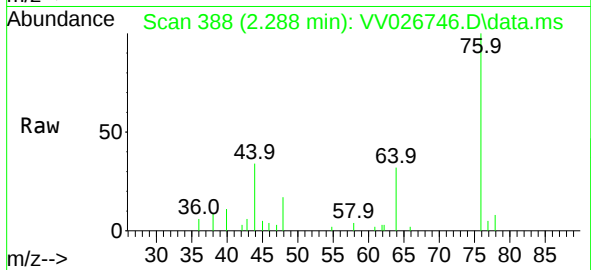
Tgt Ion: 64 Resp: 1846234
Ion Ratio Lower Upper
64 100
66 4.8 23.9 44.5#



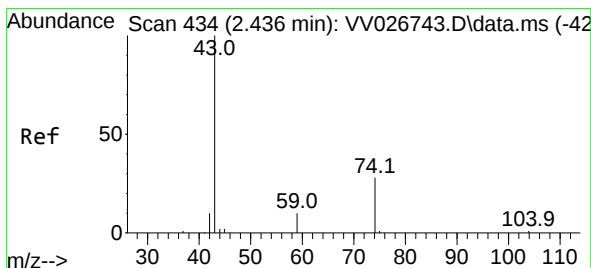
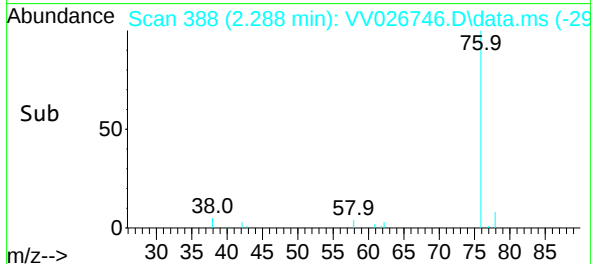
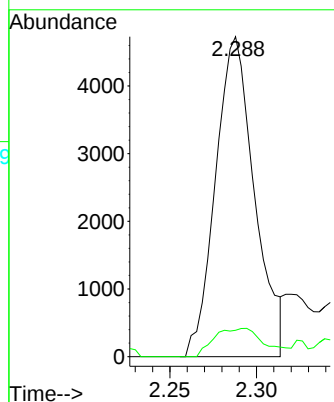


#14
Carbon disulfide
Concen: 0.126 ug/L
RT: 2.288 min Scan# 387
Delta R.T. 0.003 min
Lab File: VV026746.D
Acq: 13 Jul 2022 12:23

Instrument :
MSVOA_V
ClientSampleId :

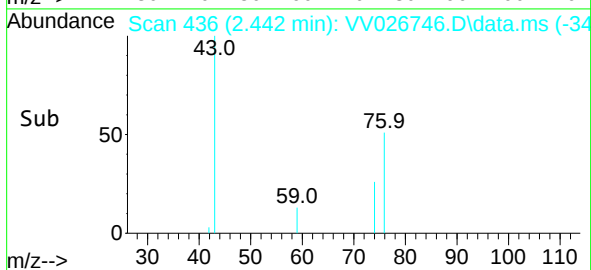
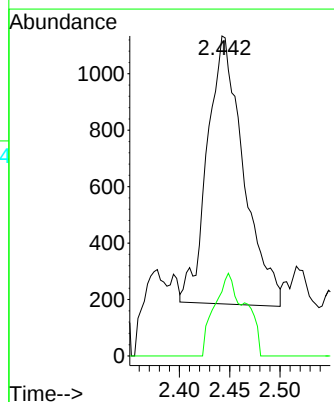
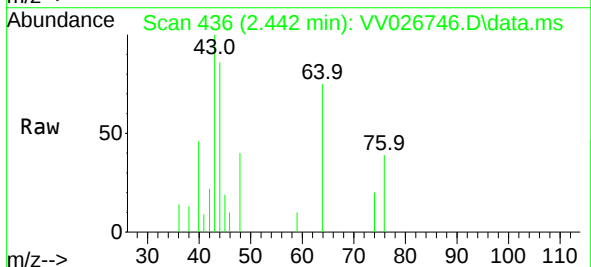


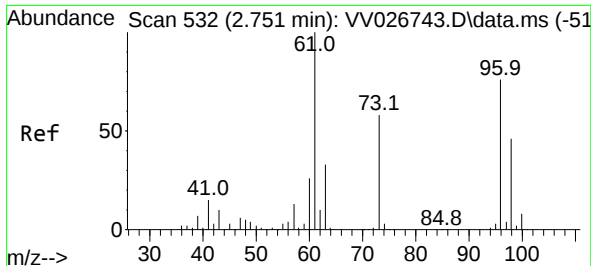
Tgt Ion: 76 Resp: 7406
Ion Ratio Lower Upper
76 100
78 8.3 7.7 11.5



#15
Methyl Acetate
Concen: 0.434 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.006 min
Lab File: VV026746.D
Acq: 13 Jul 2022 12:23

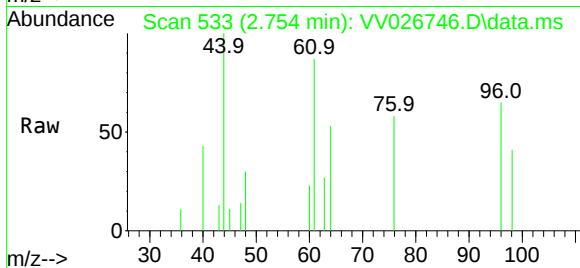
Tgt Ion: 43 Resp: 2385
Ion Ratio Lower Upper
43 100
74 26.0 20.1 30.1



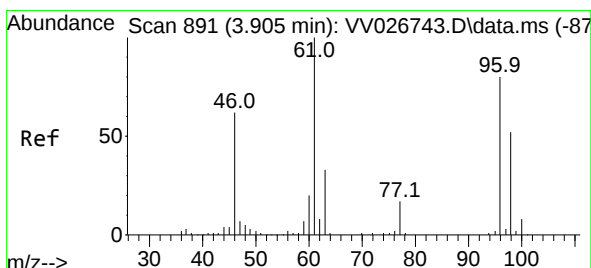
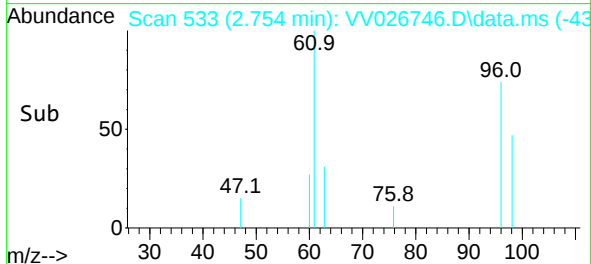
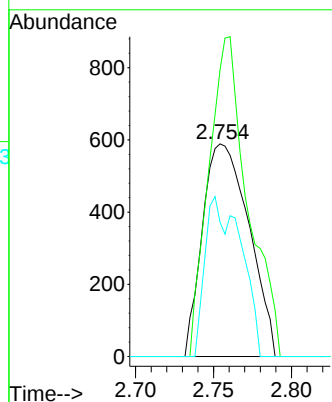


#18
trans-1,2-Dichloroethene
Concen: 0.067 ug/L
RT: 2.754 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV026746.D
Acq: 13 Jul 2022 12:23

Instrument :
MSVOA_V
ClientSampleId :

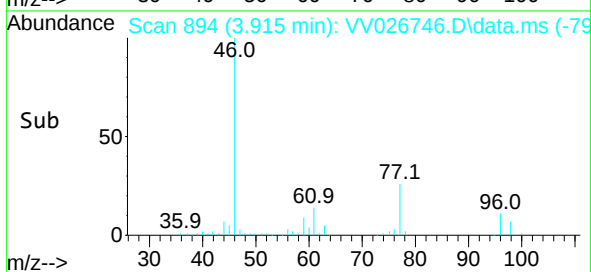
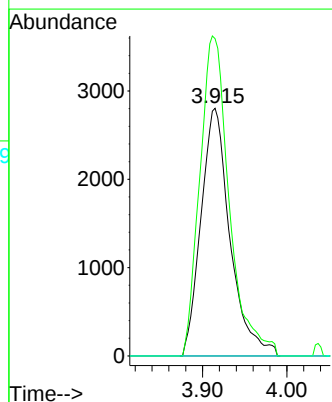
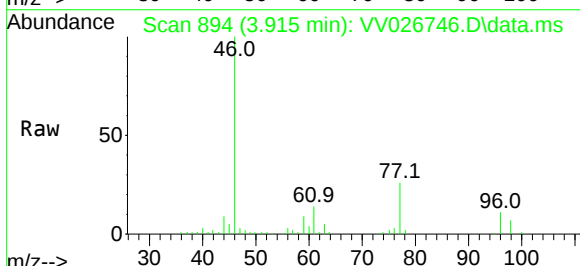


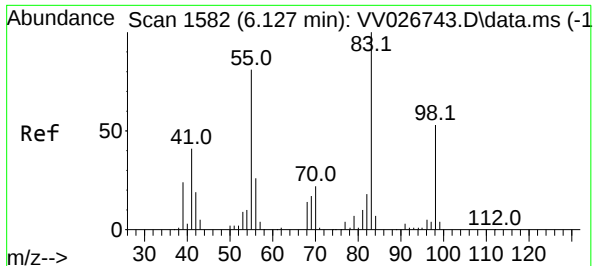
Tgt Ion: 96 Resp: 1219
Ion Ratio Lower Upper
96 100
61 134.8 94.7 175.9
98 63.2 47.4 88.0



#22
cis-1,2-Dichloroethene
Concen: 0.365 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.010 min
Lab File: VV026746.D
Acq: 13 Jul 2022 12:23

Tgt Ion: 96 Resp: 6734
Ion Ratio Lower Upper
96 100
61 128.1 83.9 155.9
68 0.0 0.0 0.0





#35

Methylcyclohexane

Concen: 0.887 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV026746.D

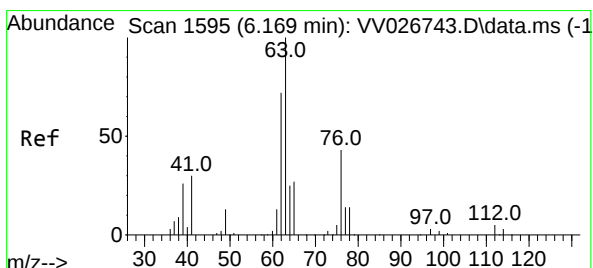
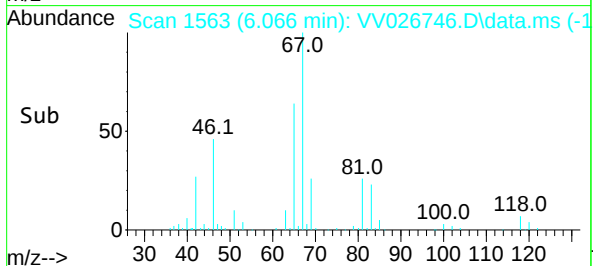
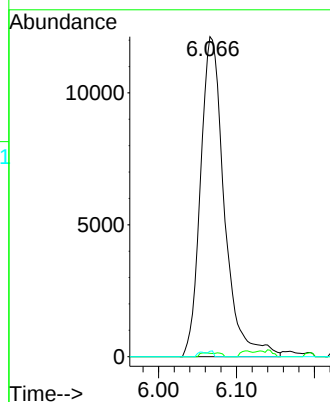
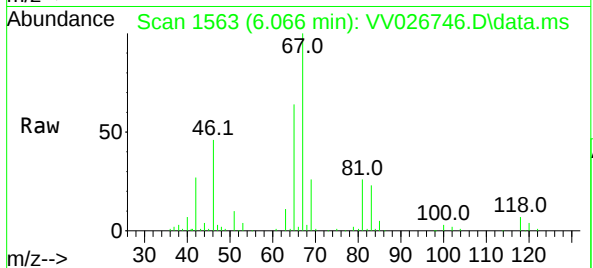
Acq: 13 Jul 2022 12:23

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 25741
Ion Ratio	Lower Upper
83 100	
55 0.4	59.5 89.3#
98 0.4	38.3 57.5#



#37

1,2-Dichloropropane

Concen: 0.617 ug/L

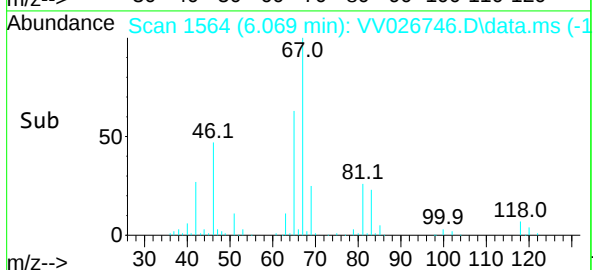
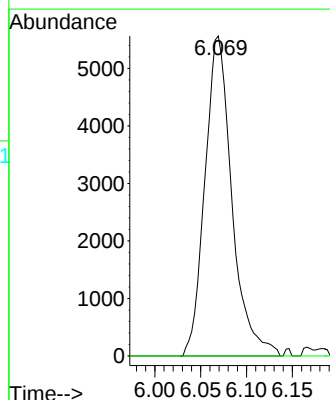
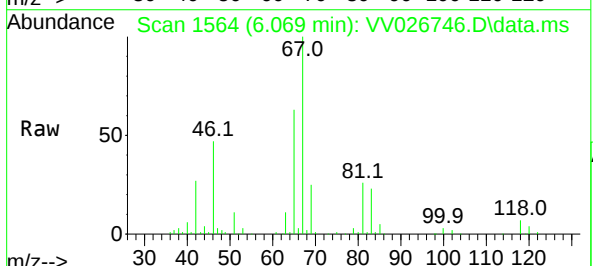
RT: 6.069 min Scan# 1564

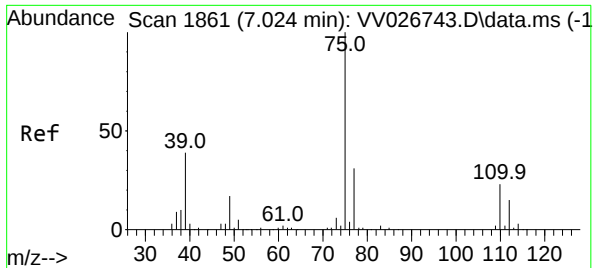
Delta R.T. -0.100 min

Lab File: VV026746.D

Acq: 13 Jul 2022 12:23

Tgt Ion: 63	Resp: 11409
Ion Ratio	Lower Upper
63 100	
112 0.2	4.2 6.2#





#39

cis-1,3-Dichloropropene

Concen: 0.073 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV026746.D

Acq: 13 Jul 2022 12:23

Instrument :

MSVOA_V

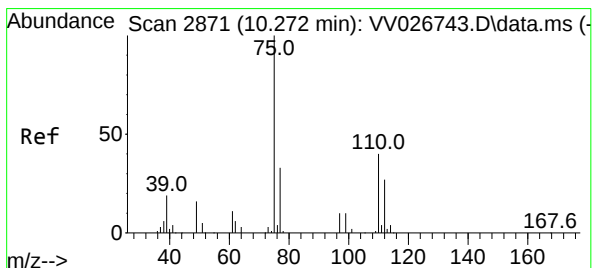
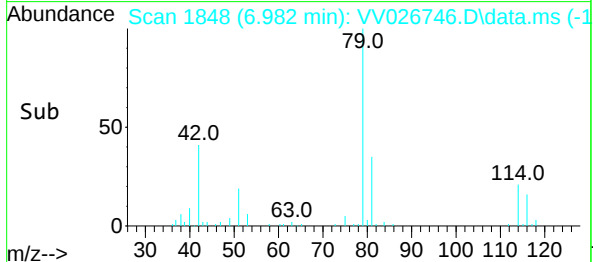
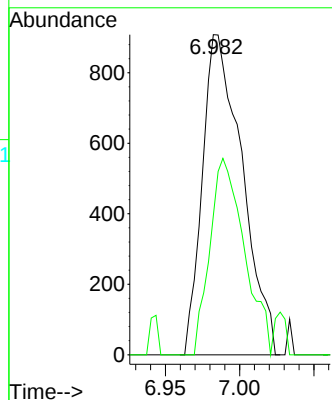
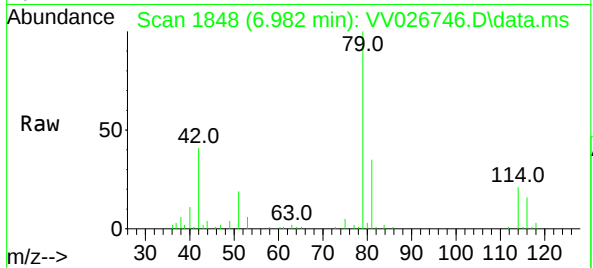
ClientSampleId :

Tgt Ion: 75 Resp: 1686

Ion Ratio Lower Upper

75 100

77 43.4 21.4 39.8#



#61

1,2,3-Trichloropropane

Concen: 1.356 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV026746.D

Acq: 13 Jul 2022 12:23

Tgt Ion: 75 Resp: 11549

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0

110 2.5 31.8 47.6#

