

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071322\
 Data File : VW026751.D
 Acq On : 13 Jul 2022 14:23
 Operator : SY/MD
 Sample : N3601-19DL 250X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 13 23:02:43 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)

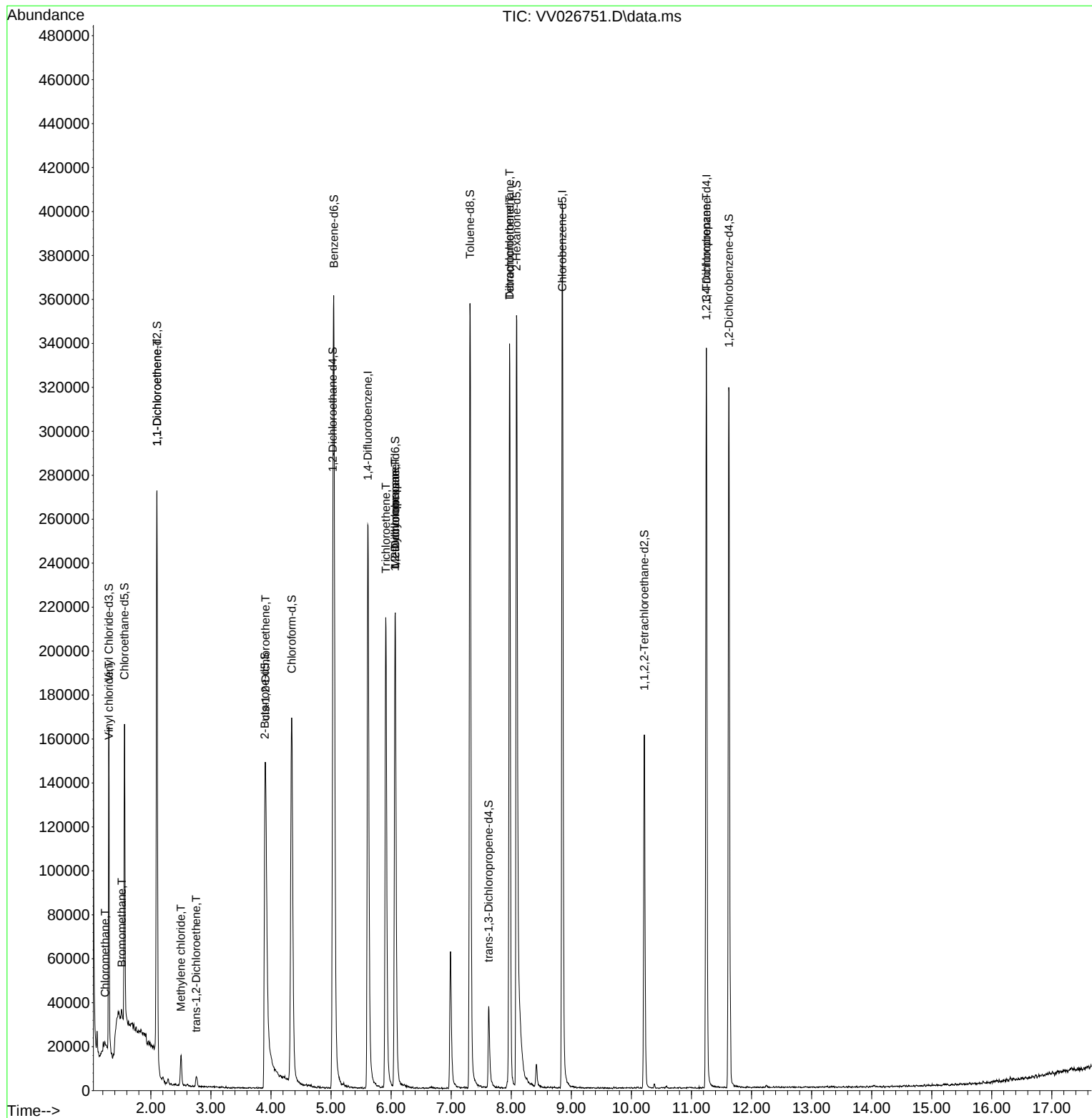
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	225038	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	223872	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	87933	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	91600	4.462	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.200%
7) Chloroethane-d5	1.561	69	86306	4.865	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.101	63	136336	3.459	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.200%
20) 2-Butanone-d5	3.899	46	130546	40.742	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.480%
24) Chloroform-d	4.346	84	180013	5.015	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.030	65	84153	5.366	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.400%
32) Benzene-d6	5.047	84	335701	4.935	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	6.069	67	110027	5.394	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.800%
41) Toluene-d8	7.313	98	248410	4.114	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
43) trans-1,3-Dichloroprop...	7.625	79	23355	3.500	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.000%
46) 2-Hexanone-d5	8.088	63	143565	49.690	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.380%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	80728	5.081	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	82370	5.376	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.600%
Target Compounds						Qvalue
3) Chloromethane	1.236	50	1475	0.054	ug/L	96
5) Vinyl chloride	1.304	62	1943	0.070	ug/L #	1
6) Bromomethane	1.516	94	1442	0.086	ug/L	100
12) 1,1-Dichloroethene	2.101	96	1712	0.087	ug/L #	1
16) Methylene chloride	2.500	84	5756	0.245	ug/L	95
18) trans-1,2-Dichloroethene	2.754	96	1772	0.098	ug/L	93
22) cis-1,2-Dichloroethene	3.908	96	49309	2.696	ug/L	99
34) Trichloroethene	5.911	95	77154	4.194	ug/L	98
35) Methylcyclohexane	6.069	83	26330	0.938	ug/L #	20
37) 1,2-Dichloropropane	6.066	63	12525	0.700	ug/L #	86
47) Tetrachloroethene	7.972	164	75255	5.216	ug/L	98
49) Dibromochloromethane	7.972	129	70092	4.649	ug/L #	10
61) 1,2,3-Trichloropropane	11.246	75	11006	1.357	ug/L #	67

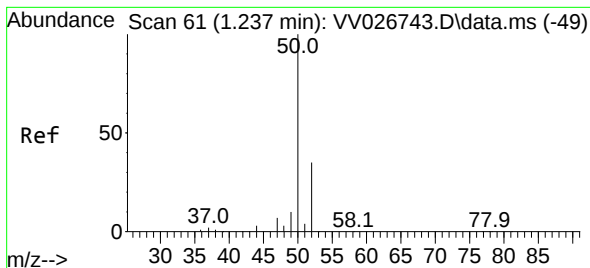
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.054 ug/L

RT: 1.236 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV026751.D

Acq: 13 Jul 2022 14:23

Instrument :

MSVOA_V

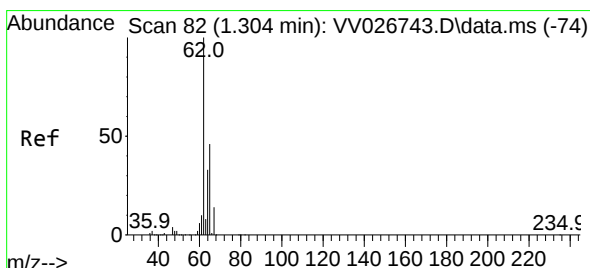
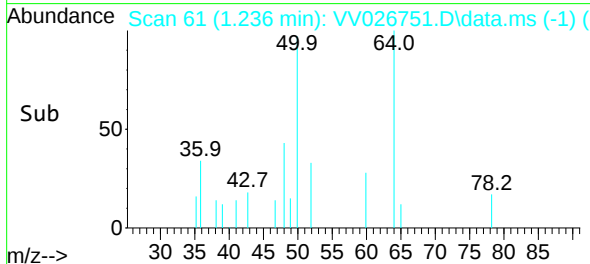
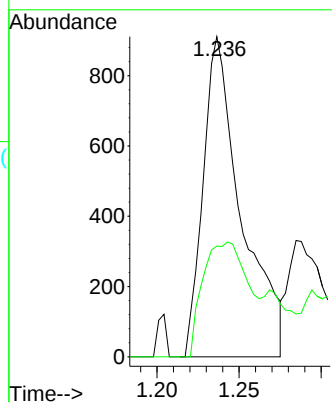
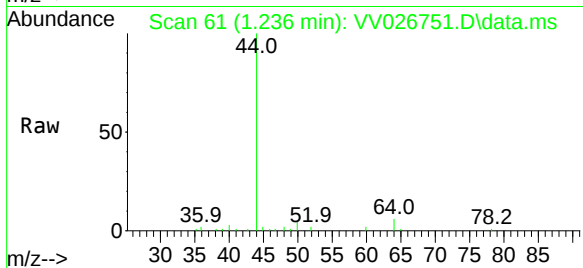
ClientSampleId :

Tgt Ion: 50 Resp: 1475

Ion Ratio Lower Upper

50 100

52 34.6 22.8 42.4



#5

Vinyl chloride

Concen: 0.070 ug/L

RT: 1.304 min Scan# 82

Delta R.T. -0.000 min

Lab File: VV026751.D

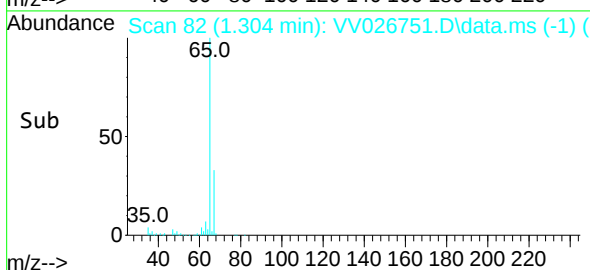
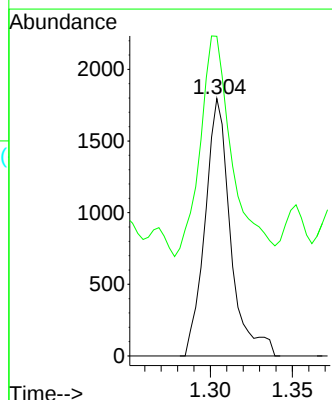
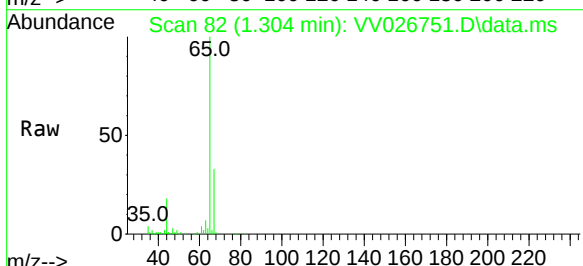
Acq: 13 Jul 2022 14:23

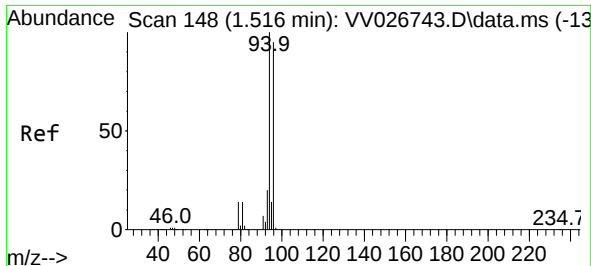
Tgt Ion: 62 Resp: 1943

Ion Ratio Lower Upper

62 100

64 124.2 22.9 42.5#

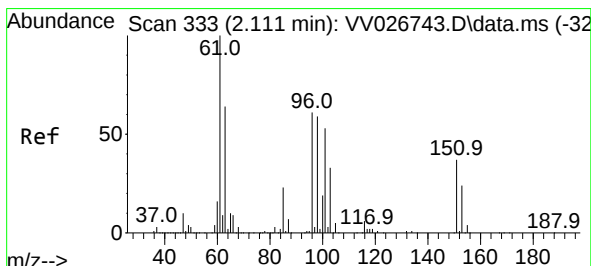
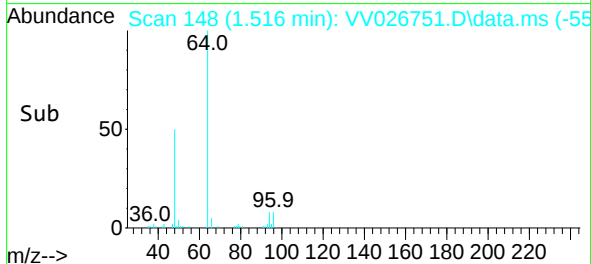
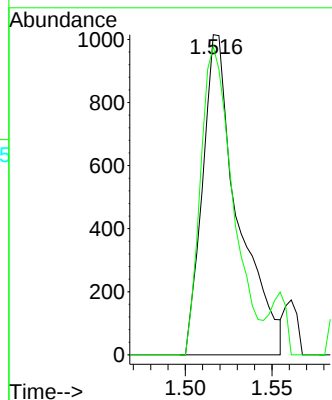
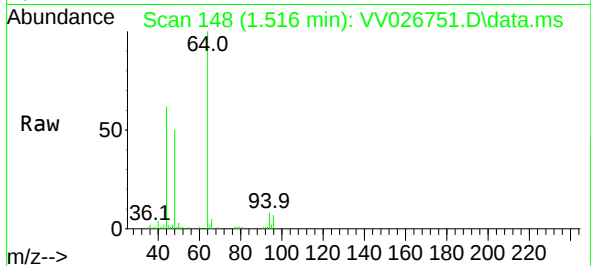




#6
Bromomethane
Concen: 0.086 ug/L
RT: 1.516 min Scan# 14
Delta R.T. -0.000 min
Lab File: VV026751.D
Acq: 13 Jul 2022 14:23

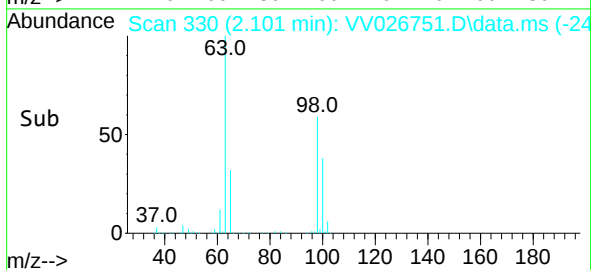
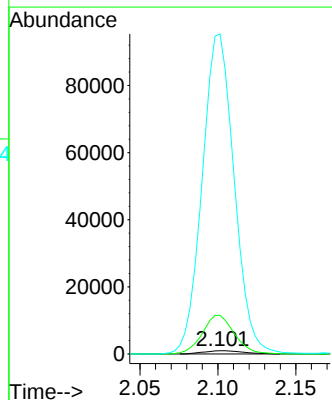
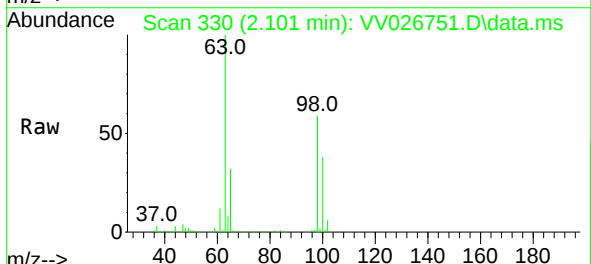
Instrument :
MSVOA_V
ClientSampleId :

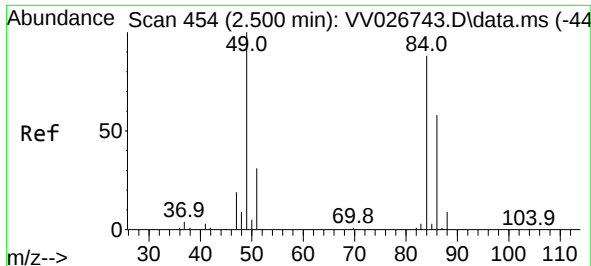
Tgt Ion: 94 Resp: 1442
Ion Ratio Lower Upper
94 100
96 96.3 67.1 124.7



#12
1,1-Dichloroethene
Concen: 0.087 ug/L
RT: 2.101 min Scan# 330
Delta R.T. -0.010 min
Lab File: VV026751.D
Acq: 13 Jul 2022 14:23

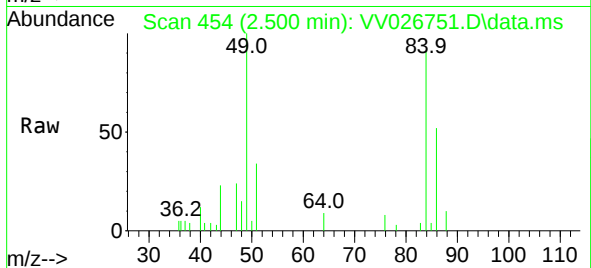
Tgt Ion: 96 Resp: 1712
Ion Ratio Lower Upper
96 100
61 1177.0 118.3 219.7#
63 9769.7 79.9 148.3#



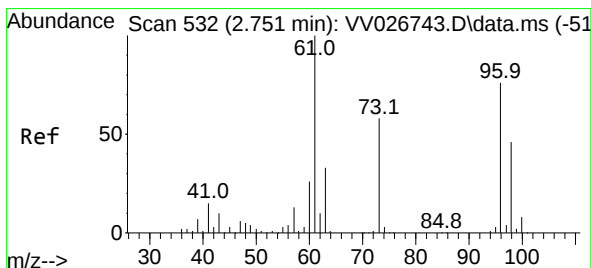
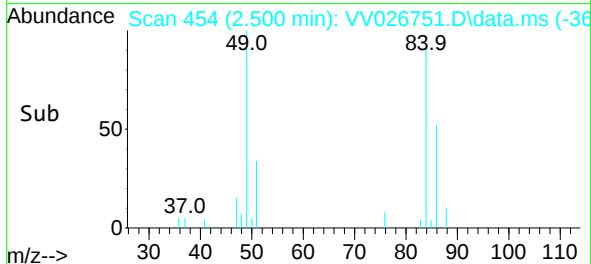
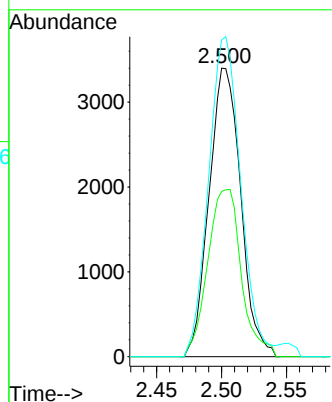


#16
Methylene chloride
Concen: 0.245 ug/L
RT: 2.500 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV026751.D
Acq: 13 Jul 2022 14:23

Instrument :
MSVOA_V
ClientSampleId :

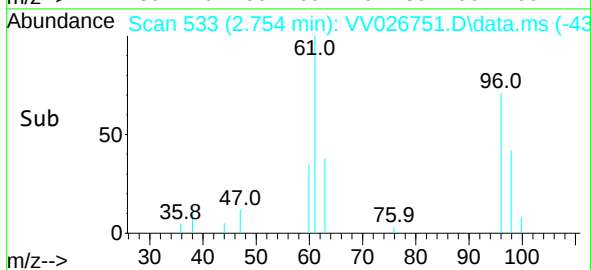
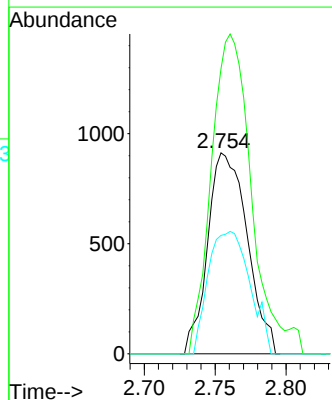
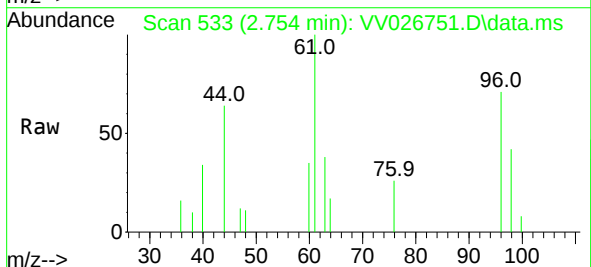


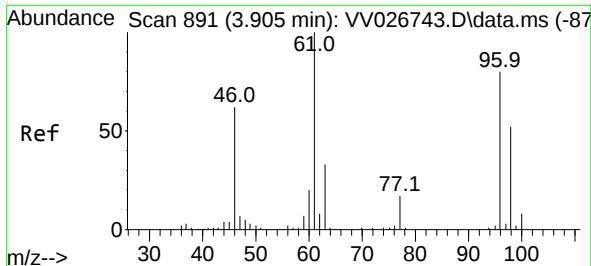
Tgt Ion: 84 Resp: 5756
Ion Ratio Lower Upper
84 100
86 57.3 44.8 83.2
49 109.8 78.7 146.1



#18
trans-1,2-Dichloroethene
Concen: 0.098 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV026751.D
Acq: 13 Jul 2022 14:23

Tgt Ion: 96 Resp: 1772
Ion Ratio Lower Upper
96 100
61 141.8 94.7 175.9
98 58.9 47.4 88.0





#22

cis-1,2-Dichloroethene

Concen: 2.696 ug/L

RT: 3.908 min Scan# 891

Delta R.T. 0.003 min

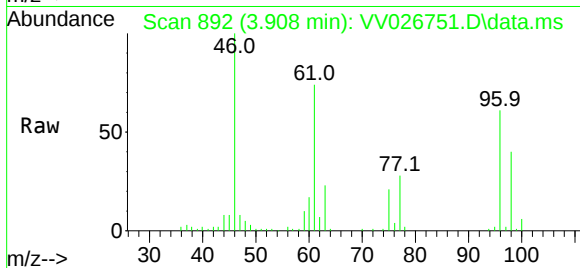
Lab File: VV026751.D

Acq: 13 Jul 2022 14:23

Instrument :

MSVOA_V

ClientSampleId :



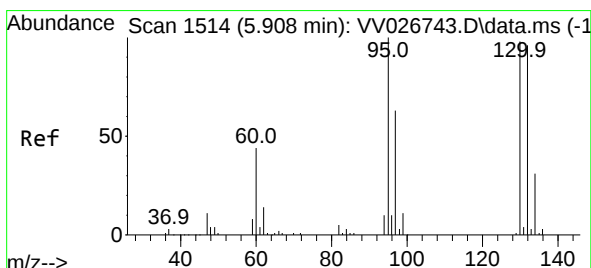
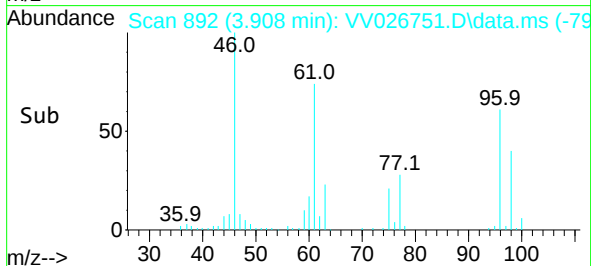
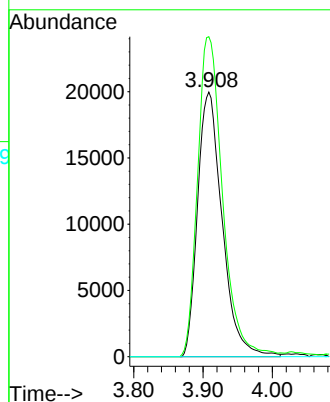
Tgt Ion: 96 Resp: 49309

Ion Ratio Lower Upper

96 100

61 120.9 83.9 155.9

68 0.0 0.0 0.0



#34

Trichloroethene

Concen: 4.194 ug/L

RT: 5.911 min Scan# 1515

Delta R.T. 0.003 min

Lab File: VV026751.D

Acq: 13 Jul 2022 14:23

Tgt Ion: 95 Resp: 77154

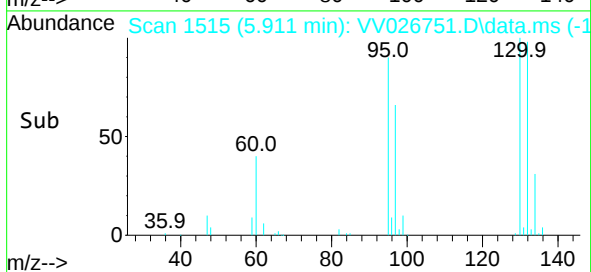
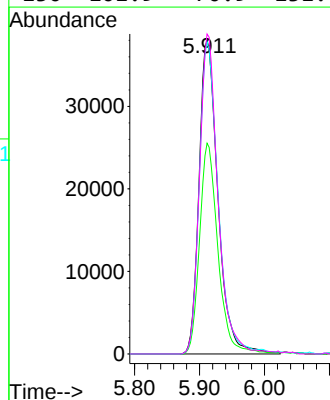
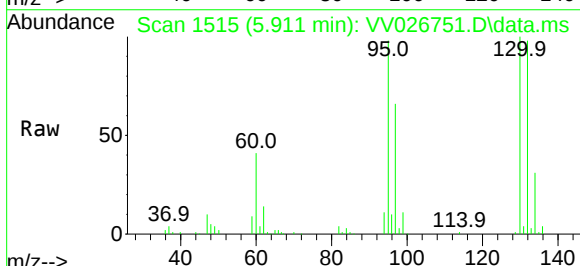
Ion Ratio Lower Upper

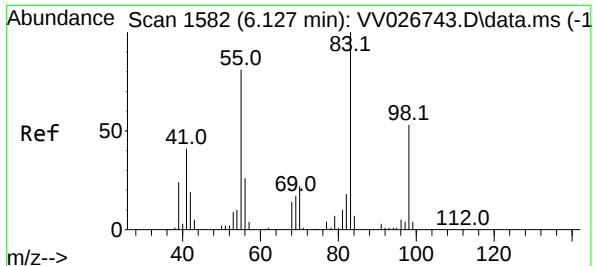
95 100

97 67.1 44.6 82.8

132 99.4 70.2 130.4

130 101.9 70.9 131.7





#35

Methylcyclohexane

Concen: 0.938 ug/L

RT: 6.069 min Scan# 1563

Delta R.T. -0.058 min

Lab File: VV026751.D

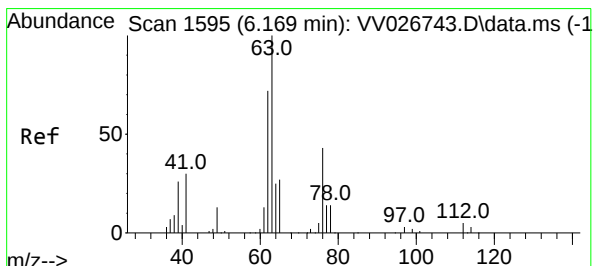
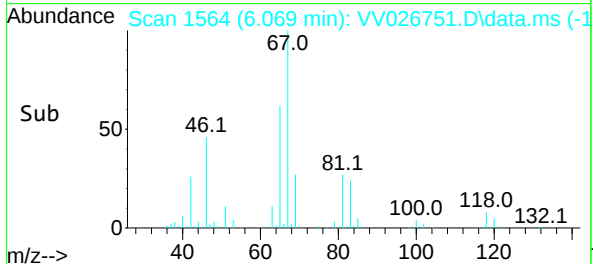
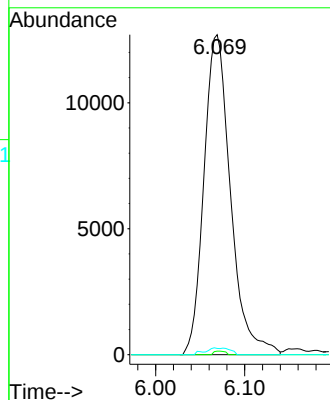
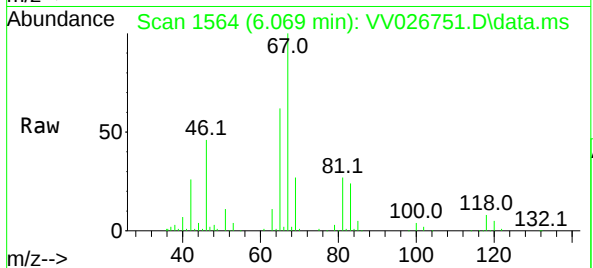
Acq: 13 Jul 2022 14:23

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	26330
Ion	Ratio	Lower	Upper
83	100		
55	0.5	59.5	89.3#
98	1.7	38.3	57.5#



#37

1,2-Dichloropropane

Concen: 0.700 ug/L

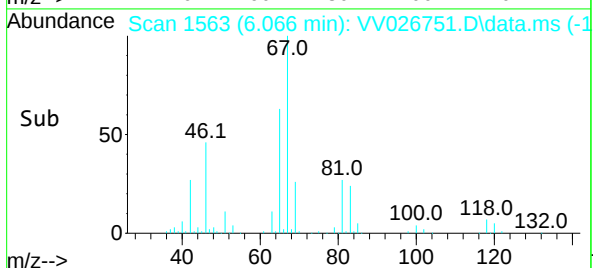
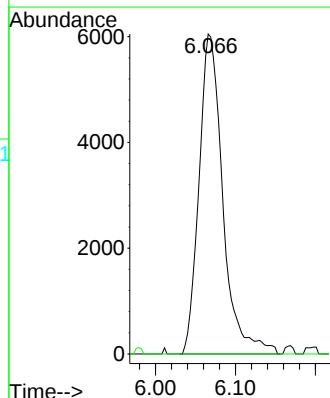
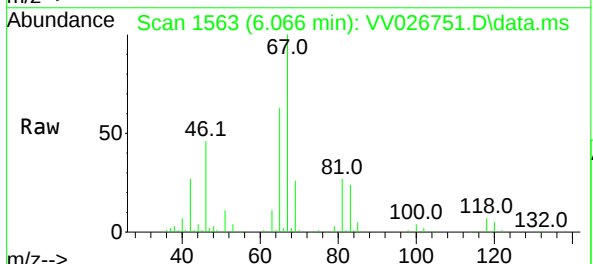
RT: 6.066 min Scan# 1563

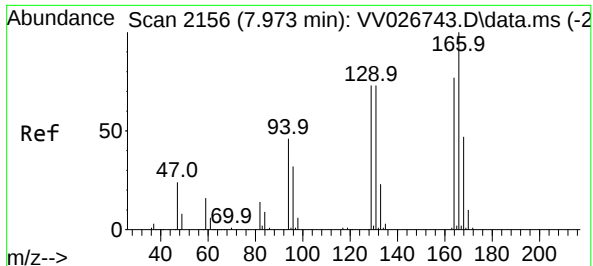
Delta R.T. -0.103 min

Lab File: VV026751.D

Acq: 13 Jul 2022 14:23

Tgt Ion:	63	Resp:	12525
Ion	Ratio	Lower	Upper
63	100		
112	0.5	4.2	6.2#





#47

Tetrachloroethene

Concen: 5.216 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.000 min

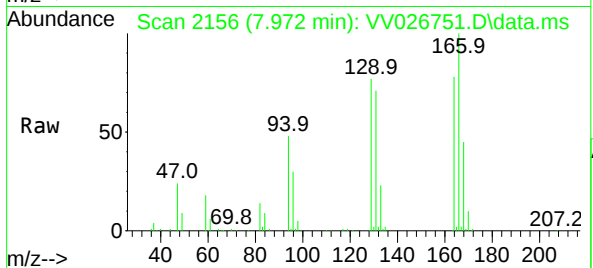
Lab File: VV026751.D

Acq: 13 Jul 2022 14:23

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 75255

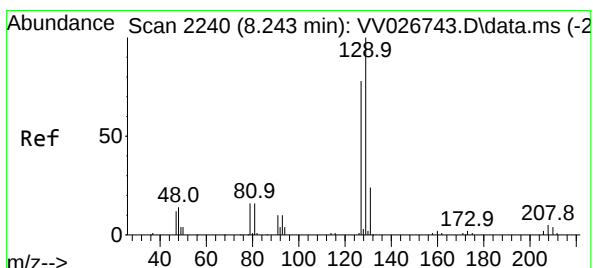
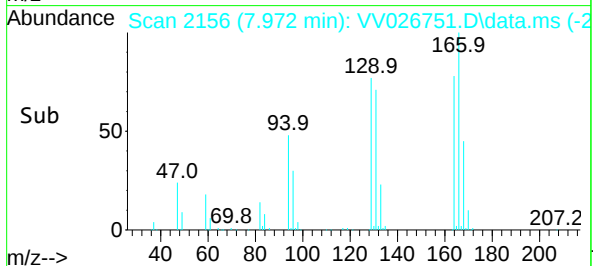
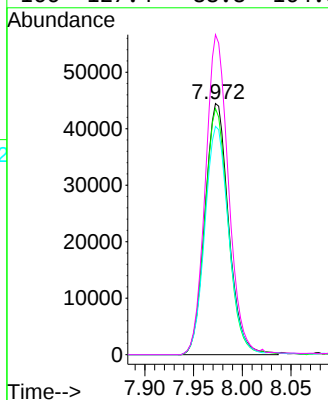
Ion Ratio Lower Upper

164 100

129 98.0 67.8 125.8

131 90.9 65.9 122.5

166 127.4 88.8 164.8



#49

Dibromochloromethane

Concen: 4.649 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV026751.D

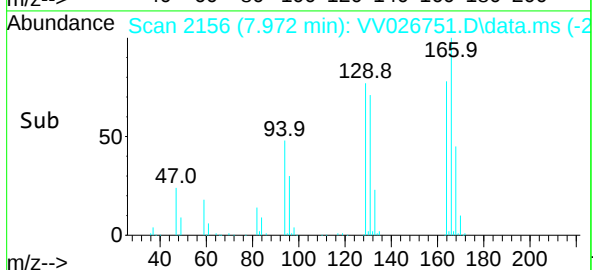
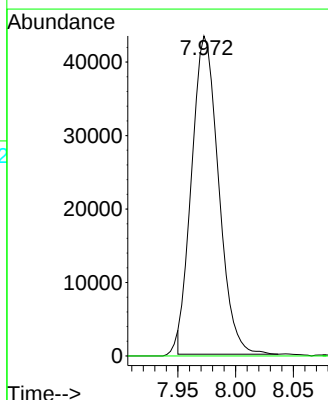
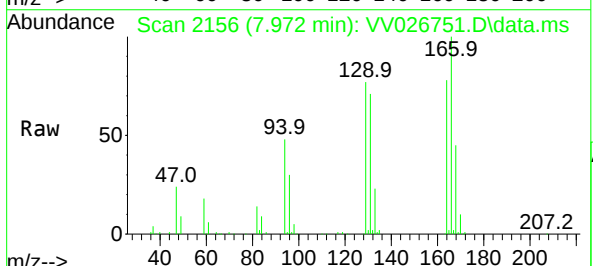
Acq: 13 Jul 2022 14:23

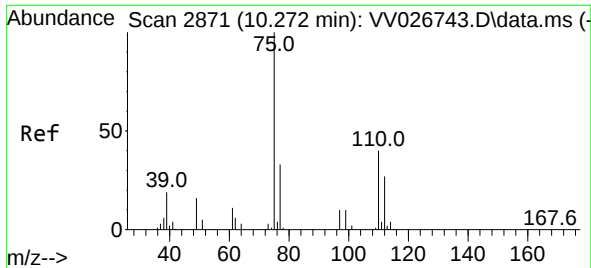
Tgt Ion:129 Resp: 70092

Ion Ratio Lower Upper

129 100

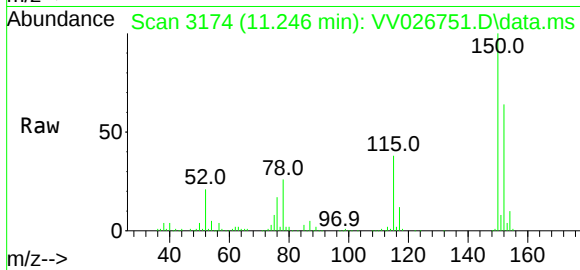
127 0.0 55.7 103.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.357 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV026751.D
 Acq: 13 Jul 2022 14:23

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp:	11006
Ion Ratio	Lower	Upper
75	100	
77	31.6	25.4 38.0
110	2.8	31.8 47.6#

