

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071322\
 Data File : VW026763.D
 Acq On : 13 Jul 2022 19:38
 Operator : SY/MD
 Sample : N3658-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 13 23:05:52 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)

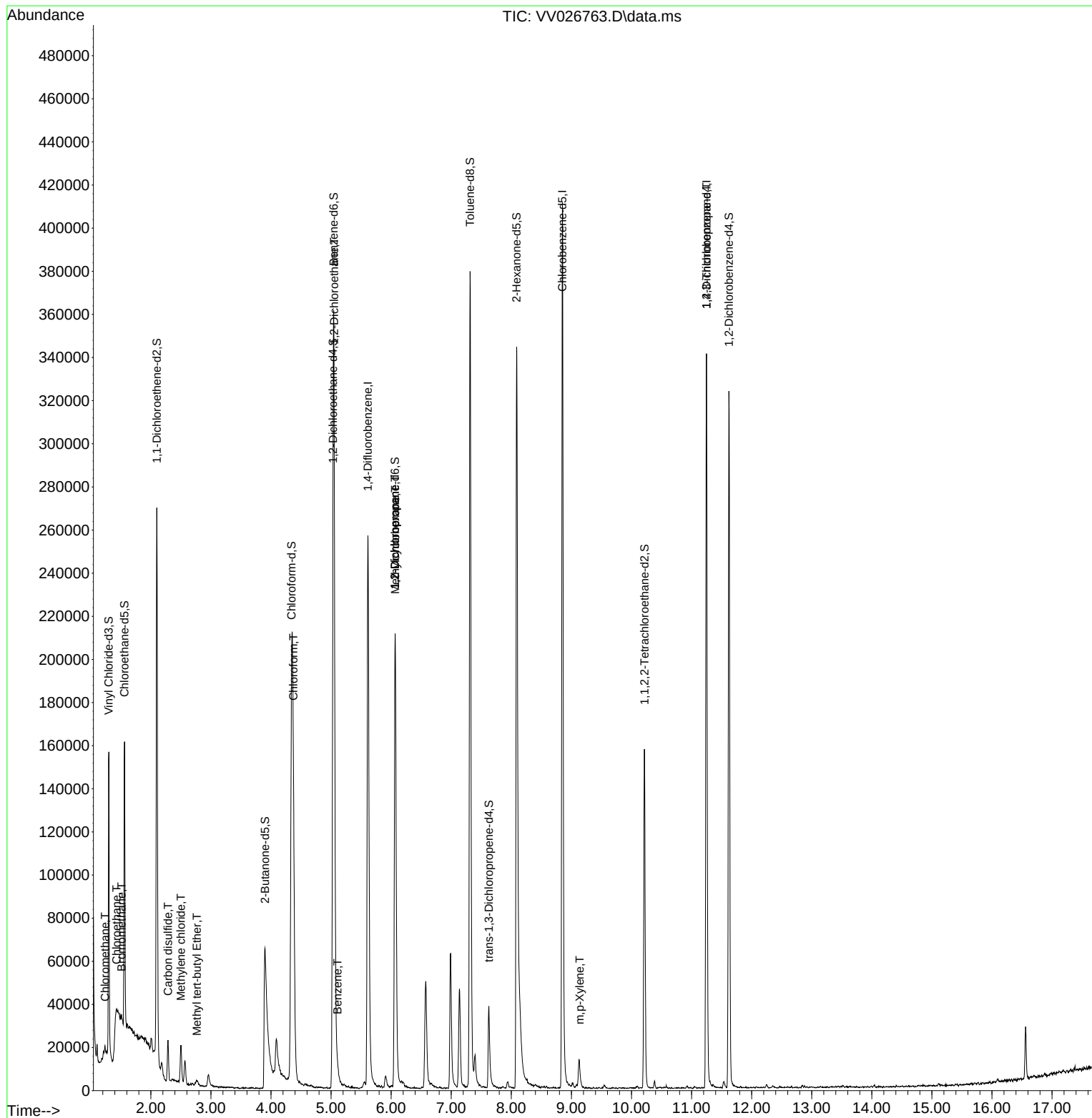
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	226317	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	231324	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	88673	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	90318	4.374	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.400%
7) Chloroethane-d5	1.561	69	85224	4.777	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.600%
11) 1,1-Dichloroethene-d2	2.098	63	132062	3.332	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.600%
20) 2-Butanone-d5	3.899	46	144722	44.911	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.820%
24) Chloroform-d	4.342	84	185894	5.149	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	5.031	65	82008	5.200	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	5.043	84	335236	4.769	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.066	67	108791	5.162	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.313	98	260920	4.182	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	7.625	79	23590	3.421	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.400%
46) 2-Hexanone-d5	8.088	63	136940	45.870	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.740%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	79187	4.823	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	82983	5.371	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	1286	0.047	ug/L #	68
6) Bromomethane	1.513	94	1288	0.077	ug/L	90
8) Chloroethane	1.429	64	41249	2.490	ug/L #	48
14) Carbon disulfide	2.285	76	22729	0.389	ug/L	96
16) Methylene chloride	2.500	84	7329	0.310	ug/L	94
17) Methyl tert-butyl Ether	2.764	73	2225	0.065	ug/L #	85
25) Chloroform	4.371	83	121435	3.481	ug/L	98
27) 1,2-Dichloroethane	5.050	62	1726	0.092	ug/L	97
33) Benzene	5.105	78	5048	0.065	ug/L	100
35) Methylcyclohexane	6.069	83	25870	0.892	ug/L #	20
37) 1,2-Dichloropropane	6.066	63	11281	0.610	ug/L #	86
53) m,p-Xylene	9.140	106	1094	0.036	ug/L	89
61) 1,2,3-Trichloropropane	11.249	75	10701	1.309	ug/L #	64

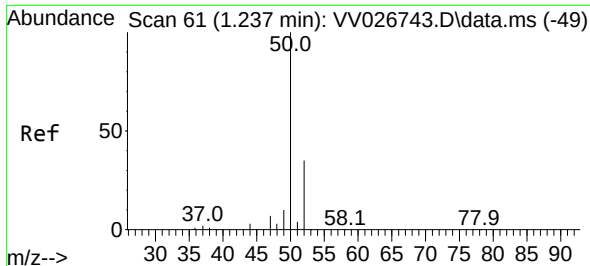
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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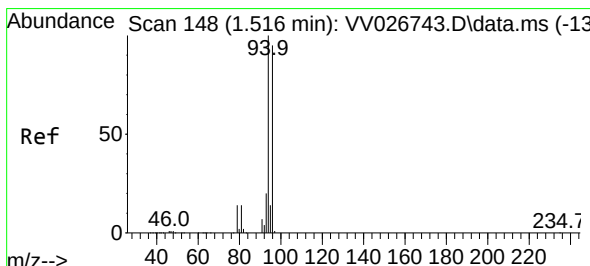
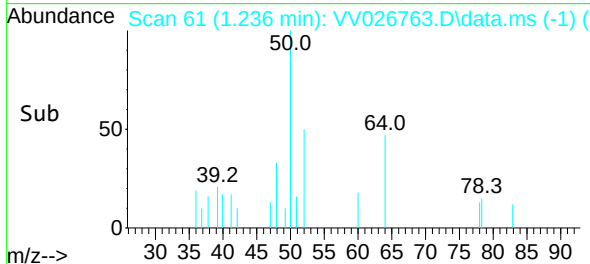
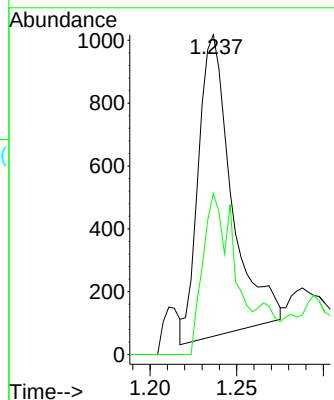
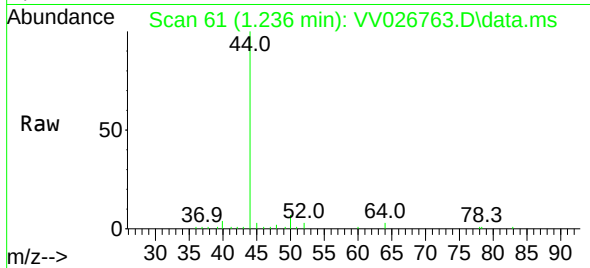




#3
Chloromethane
Concen: 0.047 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV026763.D
Acq: 13 Jul 2022 19:38

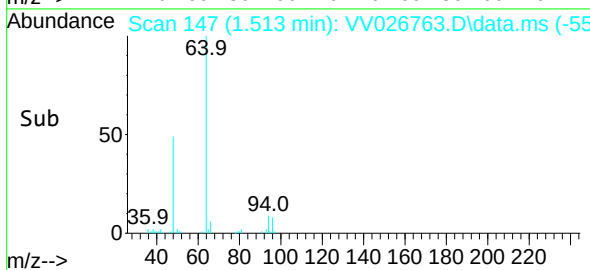
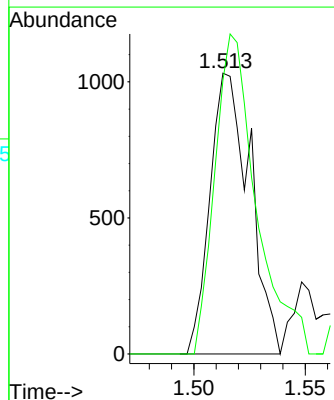
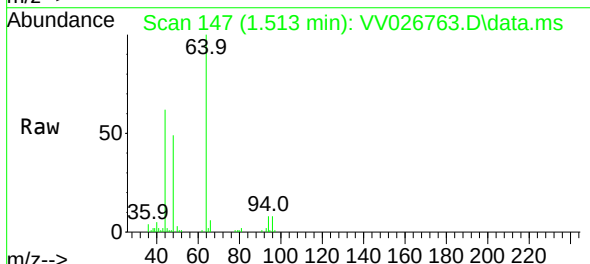
Instrument :
MSVOA_V
ClientSampleId :

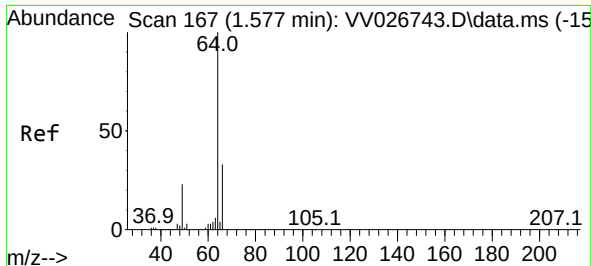
Tgt Ion: 50 Resp: 1286
Ion Ratio Lower Upper
50 100
52 50.4 22.8 42.4#



#6
Bromomethane
Concen: 0.077 ug/L
RT: 1.513 min Scan# 147
Delta R.T. -0.003 min
Lab File: VV026763.D
Acq: 13 Jul 2022 19:38

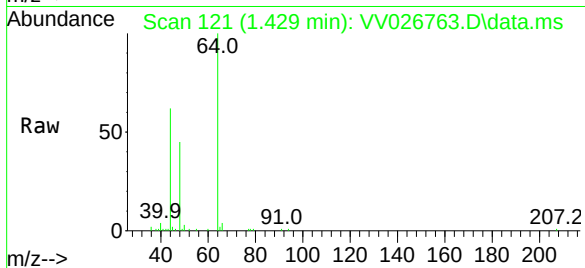
Tgt Ion: 94 Resp: 1288
Ion Ratio Lower Upper
94 100
96 86.4 67.1 124.7



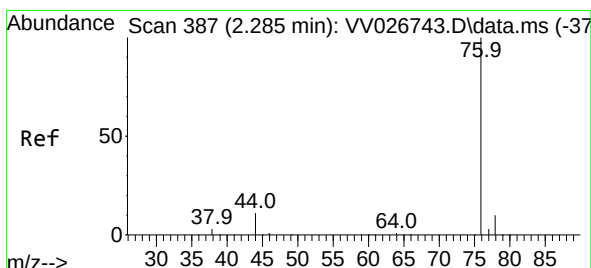
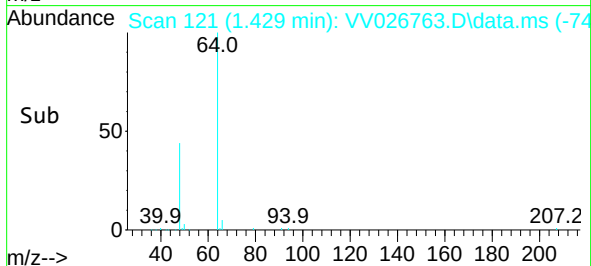
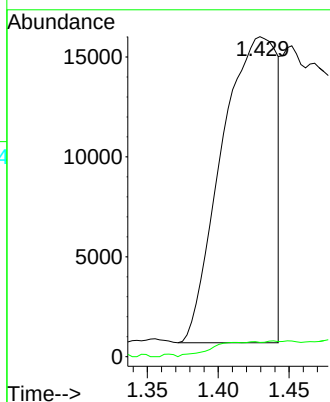


#8
Chloroethane
Concen: 2.490 ug/L
RT: 1.429 min Scan# 11
Delta R.T. -0.148 min
Lab File: VV026763.D
Acq: 13 Jul 2022 19:38

Instrument :
MSVOA_V
ClientSampleId :

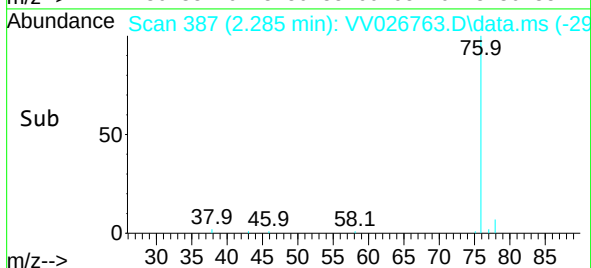
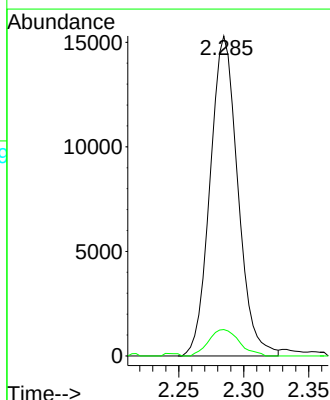
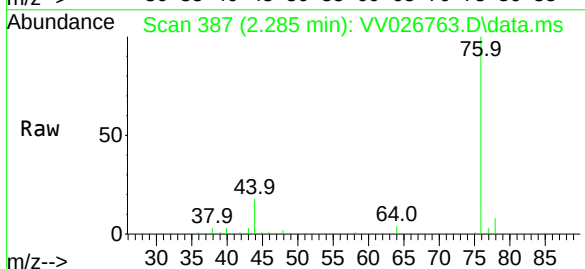


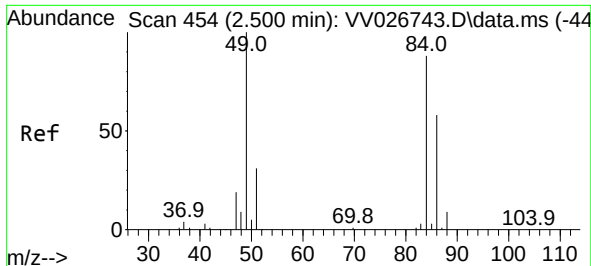
Tgt Ion: 64 Resp: 41249
Ion Ratio Lower Upper
64 100
66 4.5 23.9 44.5#



#14
Carbon disulfide
Concen: 0.389 ug/L
RT: 2.285 min Scan# 387
Delta R.T. -0.000 min
Lab File: VV026763.D
Acq: 13 Jul 2022 19:38

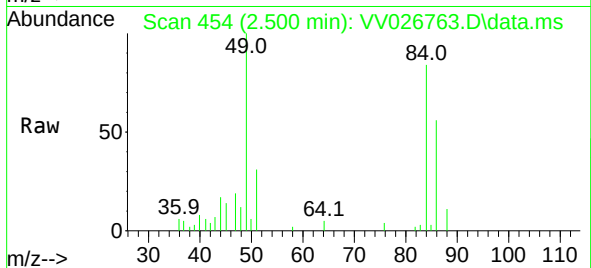
Tgt Ion: 76 Resp: 22729
Ion Ratio Lower Upper
76 100
78 8.2 7.7 11.5



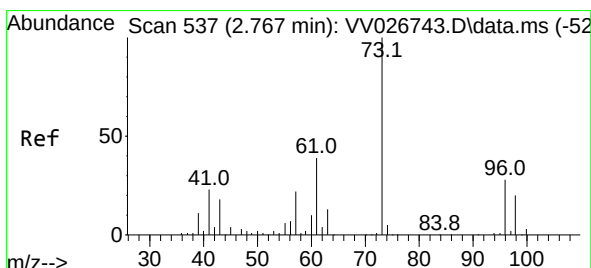
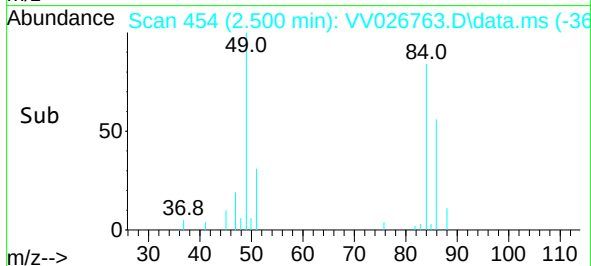
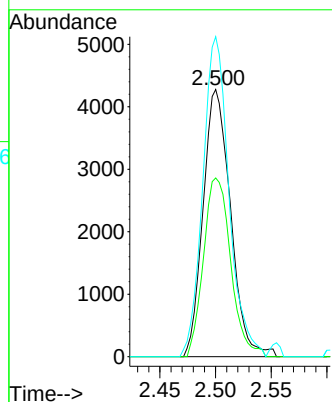


#16
Methylene chloride
Concen: 0.310 ug/L
RT: 2.500 min Scan# 416
Delta R.T. -0.000 min
Lab File: VV026763.D
Acq: 13 Jul 2022 19:38

Instrument :
MSVOA_V
ClientSampleId :

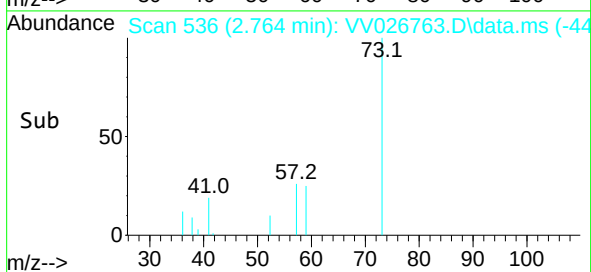
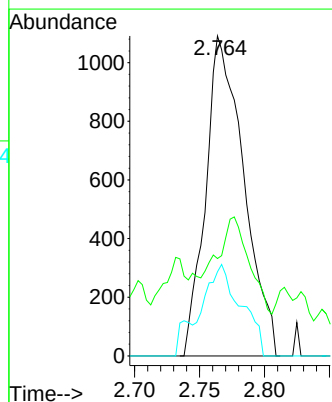
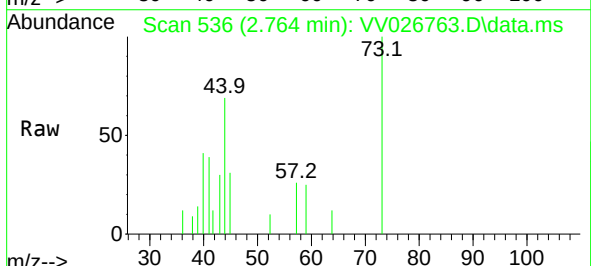


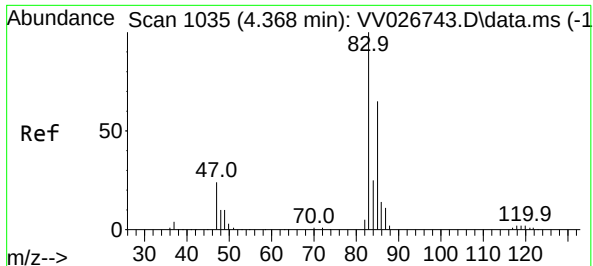
Tgt Ion:	84	Resp:	7329
Ion	Ratio	Lower	Upper
84	100		
86	66.9	44.8	83.2
49	119.7	78.7	146.1



#17
Methyl tert-butyl Ether
Concen: 0.065 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV026763.D
Acq: 13 Jul 2022 19:38

Tgt Ion:	73	Resp:	2225
Ion	Ratio	Lower	Upper
73	100		
43	26.5	14.0	21.0#
57	27.0	17.6	26.4#





#25

Chloroform

Concen: 3.481 ug/L

RT: 4.371 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV026763.D

Acq: 13 Jul 2022 19:38

Instrument :

MSVOA_V

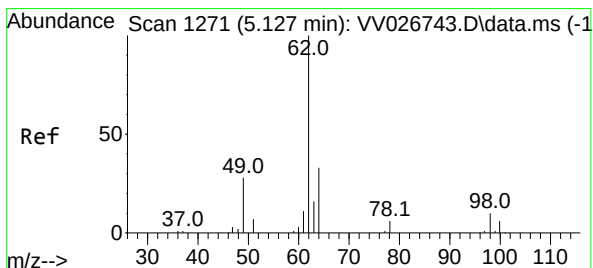
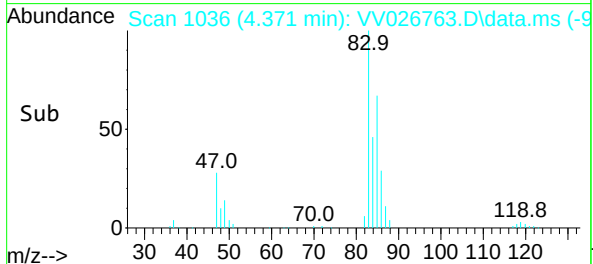
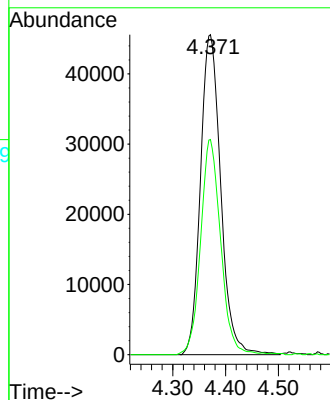
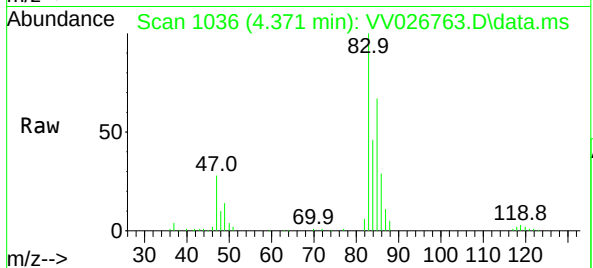
ClientSampleId :

Tgt Ion: 83 Resp: 121435

Ion Ratio Lower Upper

83 100

85 67.3 45.7 84.9



#27

1,2-Dichloroethane

Concen: 0.092 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.077 min

Lab File: VV026763.D

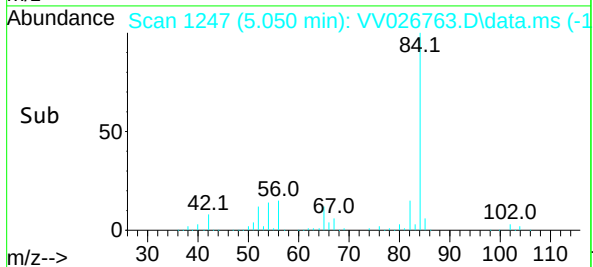
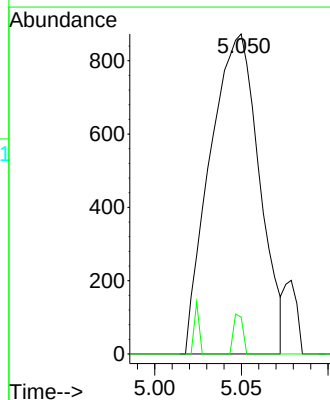
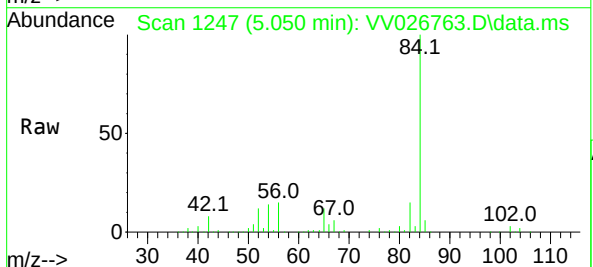
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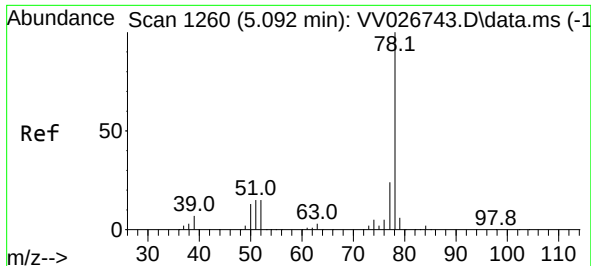
Tgt Ion: 62 Resp: 1726

Ion Ratio Lower Upper

62 100

98 11.6 8.3 12.5

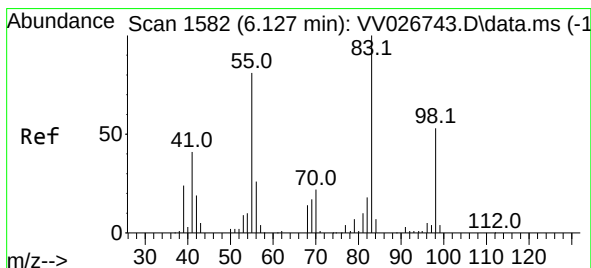
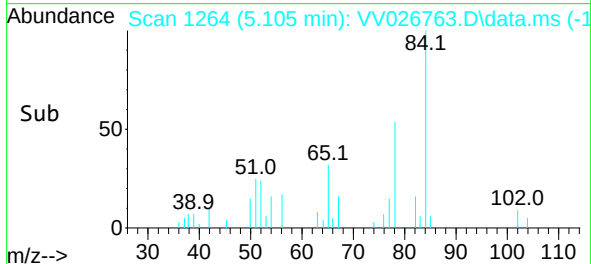
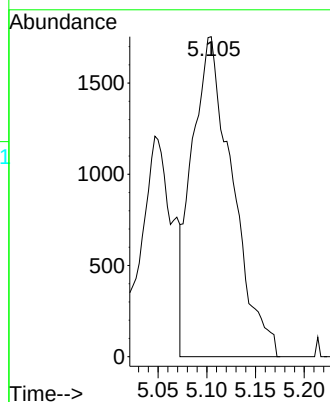
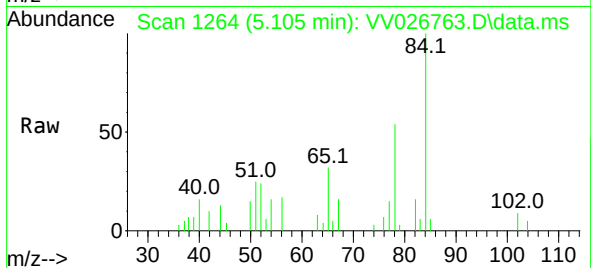




#33
Benzene
Concen: 0.065 ug/L
RT: 5.105 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV026763.D
Acq: 13 Jul 2022 19:38

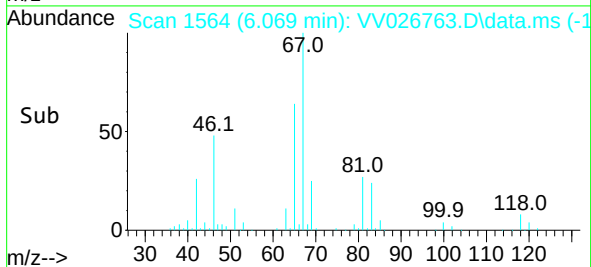
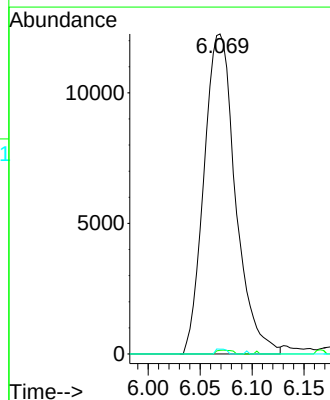
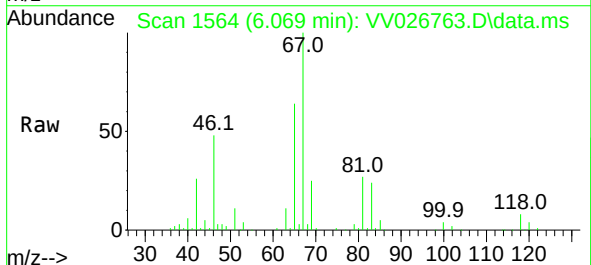
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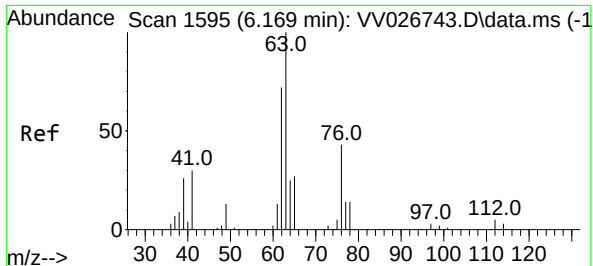
Tgt Ion: 78 Resp: 5048



#35
Methylcyclohexane
Concen: 0.892 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV026763.D
Acq: 13 Jul 2022 19:38

Tgt Ion: 83 Resp: 25870
Ion Ratio Lower Upper
83 100
55 0.6 59.5 89.3#
98 0.5 38.3 57.5#





#37

1,2-Dichloropropane

Concen: 0.610 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV026763.D

Acq: 13 Jul 2022 19:38

Instrument :

MSVOA_V

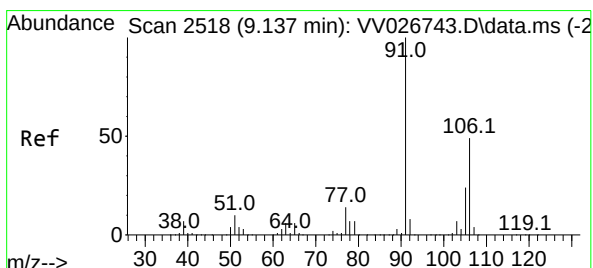
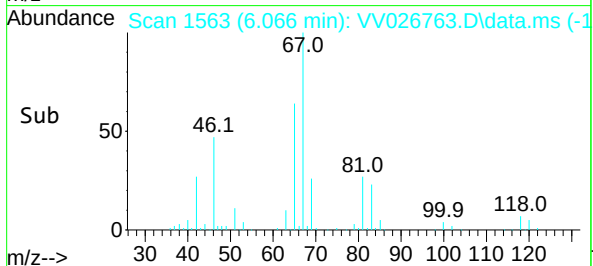
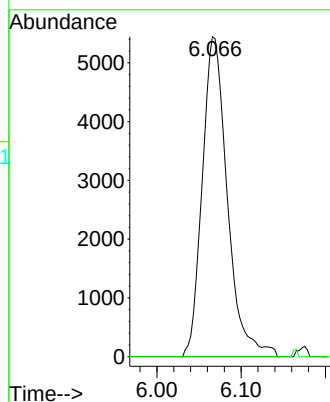
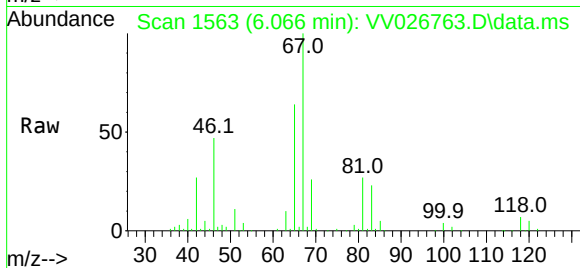
ClientSampleId :

Tgt Ion: 63 Resp: 11281

Ion Ratio Lower Upper

63 100

112 0.4 4.2 6.2#



#53

m,p-Xylene

Concen: 0.036 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.003 min

Lab File: VV026763.D

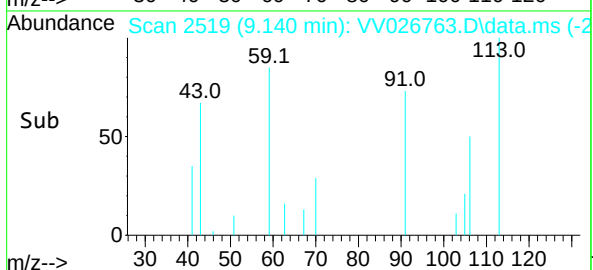
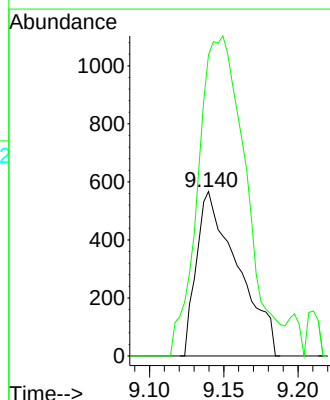
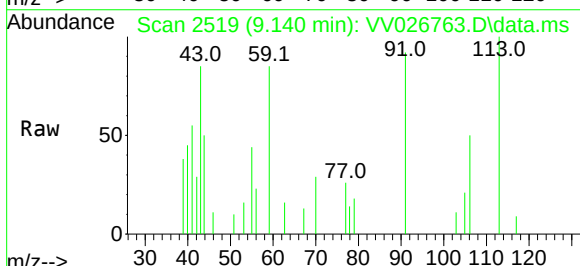
Acq: 13 Jul 2022 19:38

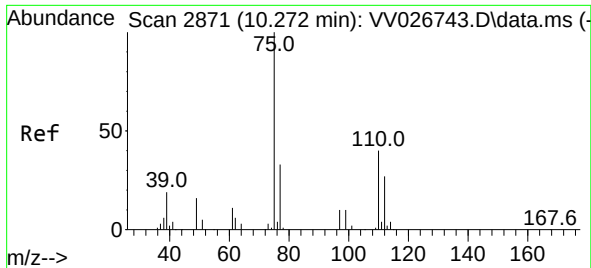
Tgt Ion: 106 Resp: 1094

Ion Ratio Lower Upper

106 100

91 183.1 139.3 258.7





#61

1,2,3-Trichloropropane

Concen: 1.309 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.977 min

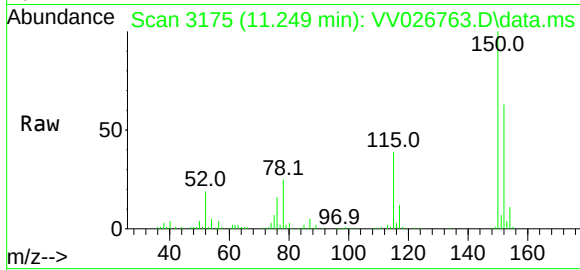
Lab File: VV026763.D

Acq: 13 Jul 2022 19:38

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 10701

Ion Ratio Lower Upper

75 100

77 34.6 25.4 38.0

110 2.2 31.8 47.6#

