

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071322\
 Data File : VW026748.D
 Acq On : 13 Jul 2022 13:13
 Operator : SY/MD
 Sample : N3601-22
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 13 23:01:53 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	230579	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	235503	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	95313	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	93726	4.456	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.200%
7) Chloroethane-d5	1.561	69	86230	4.744	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.098	63	136376	3.377	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.600%
20) 2-Butanone-d5	3.902	46	149211	45.449	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.900%
24) Chloroform-d	4.343	84	180977	4.920	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.031	65	83123	5.173	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.047	84	333344	4.658	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	6.066	67	108583	5.061	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.314	98	250474	3.943	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
43) trans-1,3-Dichloroprop...	7.625	79	22658	3.228	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.600%
46) 2-Hexanone-d5	8.088	63	136657	44.963	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.920%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	80213	4.799	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	86942	5.235	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.800%

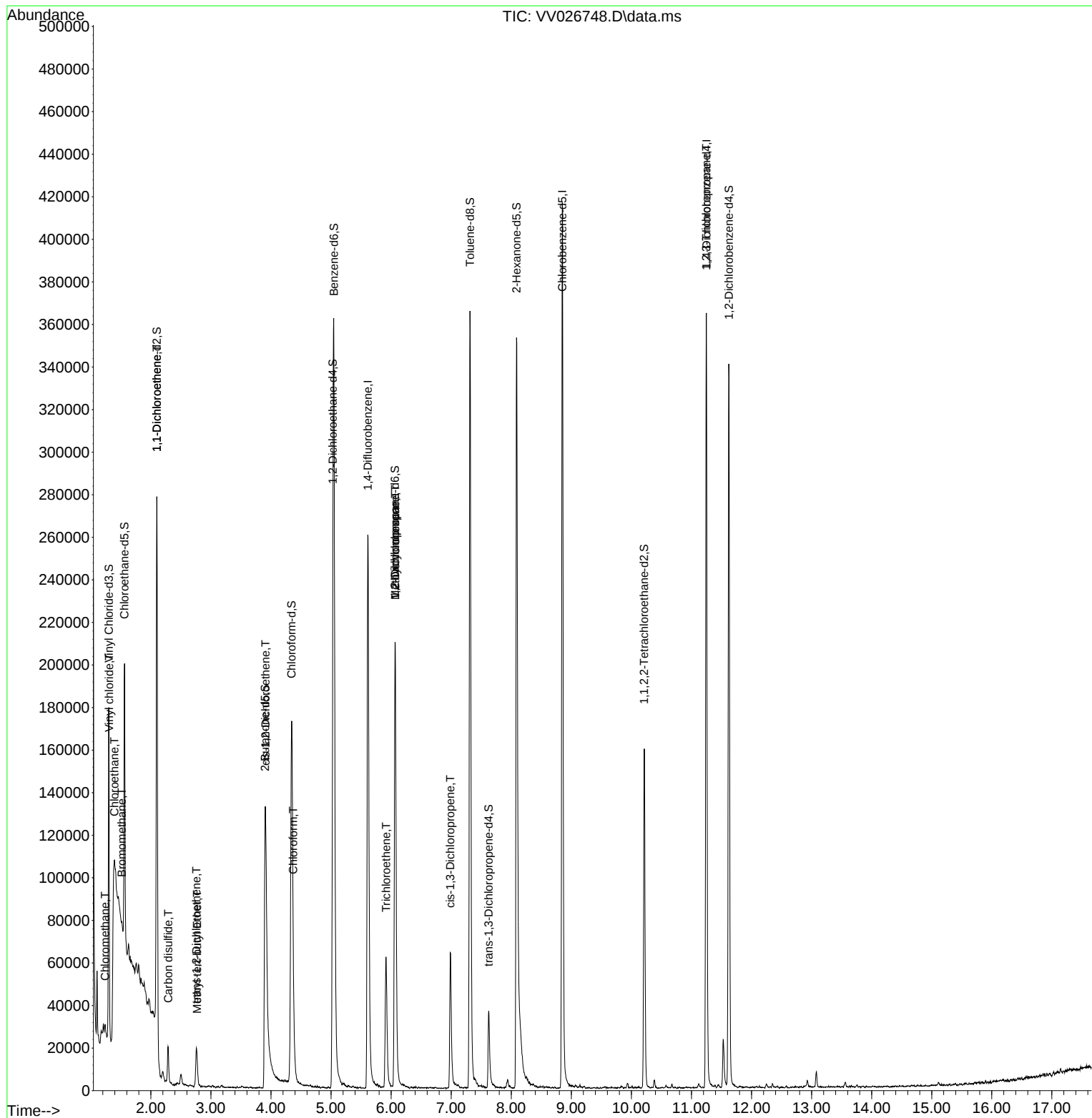
Target Compounds					Qvalue
3) Chloromethane	1.237	50	3936	0.140	ug/L 94
5) Vinyl chloride	1.304	62	2742	0.096	ug/L # 1
6) Bromomethane	1.516	94	1283	0.075	ug/L 95
8) Chloroethane	1.391	64	549918	32.587	ug/L # 48
12) 1,1-Dichloroethene	2.098	96	1894	0.094	ug/L # 1
14) Carbon disulfide	2.288	76	20391	0.342	ug/L 99
17) Methyl tert-butyl Ether	2.770	73	5196	0.149	ug/L # 80
18) trans-1,2-Dichloroethene	2.757	96	4867	0.262	ug/L 88
22) cis-1,2-Dichloroethene	3.908	96	40053	2.137	ug/L 100
25) Chloroform	4.368	83	17936	0.505	ug/L 88
34) Trichloroethene	5.915	95	23534	1.216	ug/L 97
35) Methylcyclohexane	6.069	83	26280	0.890	ug/L # 20
37) 1,2-Dichloropropane	6.069	63	11882	0.631	ug/L # 86
39) cis-1,3-Dichloropropene	6.986	75	1653	0.071	ug/L # 43
61) 1,2,3-Trichloropropane	11.246	75	11715	1.333	ug/L # 66

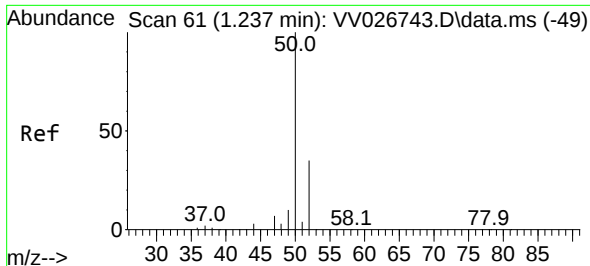
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071322\
Data File : VV026748.D
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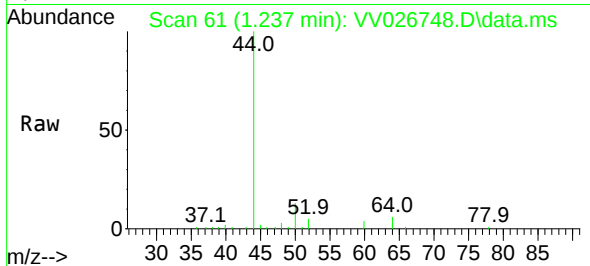
Quant Time: Jul 13 23:01:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jul 13 23:00:17 2022
Response via : Initial Calibration



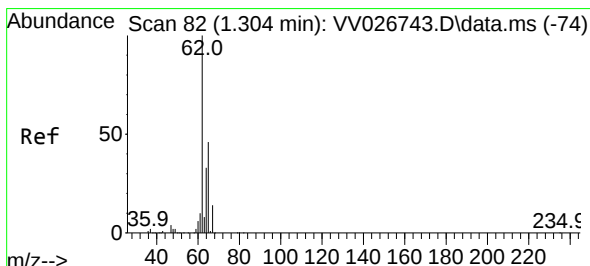
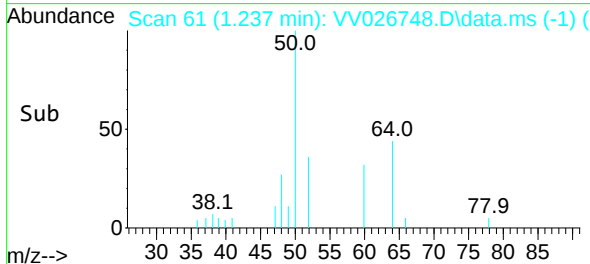
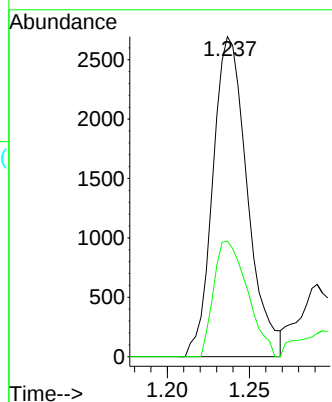


#3
Chloromethane
Concen: 0.140 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV026748.D
Acq: 13 Jul 2022 13:13

Instrument :
MSVOA_V
ClientSampleId :

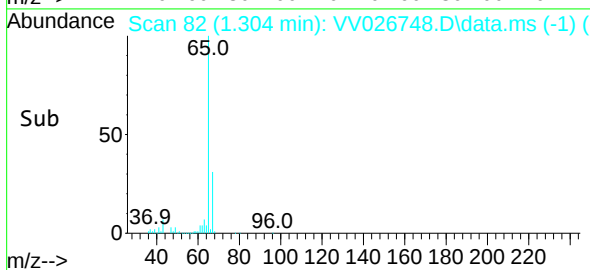
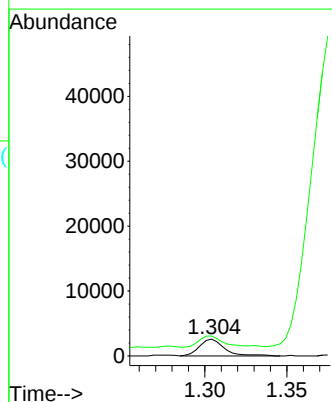
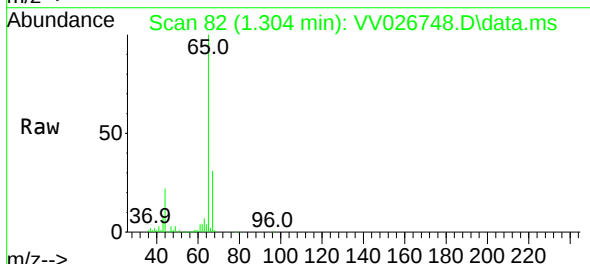


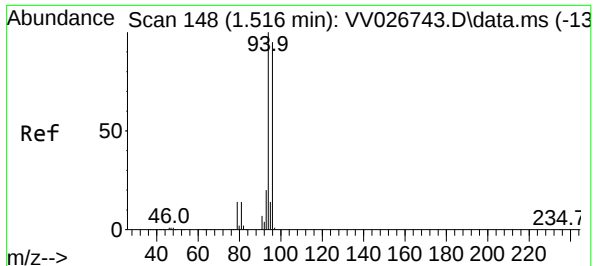
Tgt Ion: 50 Resp: 3936
Ion Ratio Lower Upper
50 100
52 36.1 22.8 42.4



#5
Vinyl chloride
Concen: 0.096 ug/L
RT: 1.304 min Scan# 82
Delta R.T. 0.000 min
Lab File: VV026748.D
Acq: 13 Jul 2022 13:13

Tgt Ion: 62 Resp: 2742
Ion Ratio Lower Upper
62 100
64 119.4 22.9 42.5#

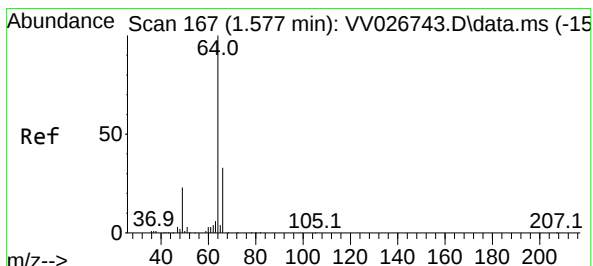
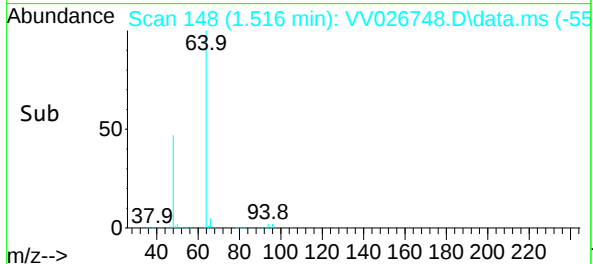
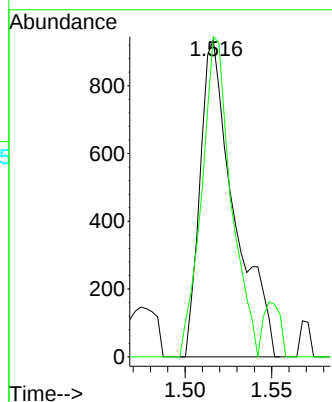
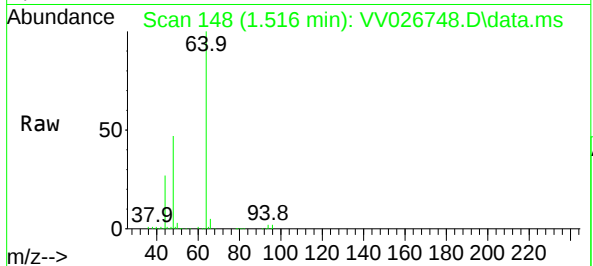




#6
Bromomethane
Concen: 0.075 ug/L
RT: 1.516 min Scan# 14
Delta R.T. 0.000 min
Lab File: VV026748.D
Acq: 13 Jul 2022 13:13

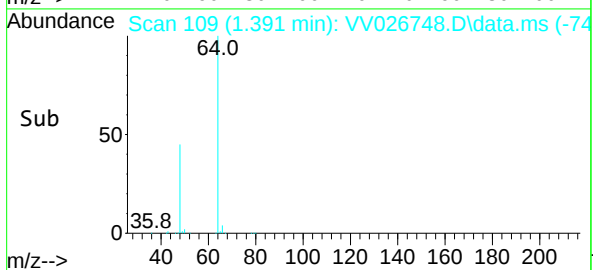
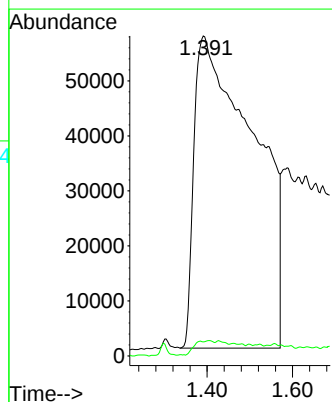
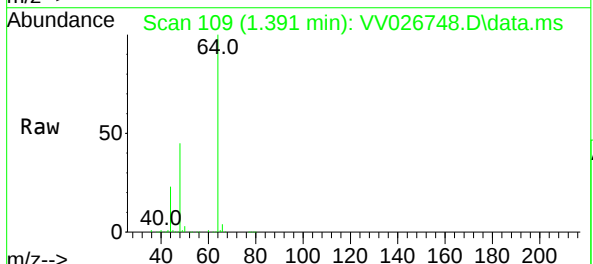
Instrument :
MSVOA_V
ClientSampleId :

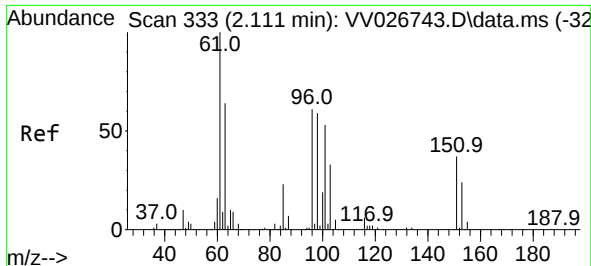
Tgt Ion: 94 Resp: 1283
Ion Ratio Lower Upper
94 100
96 101.1 67.1 124.7



#8
Chloroethane
Concen: 32.587 ug/L
RT: 1.391 min Scan# 109
Delta R.T. -0.186 min
Lab File: VV026748.D
Acq: 13 Jul 2022 13:13

Tgt Ion: 64 Resp: 549918
Ion Ratio Lower Upper
64 100
66 4.4 23.9 44.5#





#12

1,1-Dichloroethene

Concen: 0.094 ug/L

RT: 2.098 min Scan# 31

Delta R.T. -0.013 min

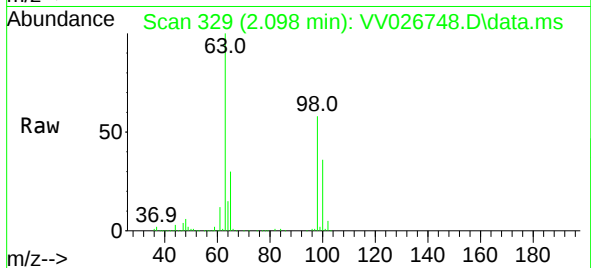
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Acq: 13 Jul 2022 13:13

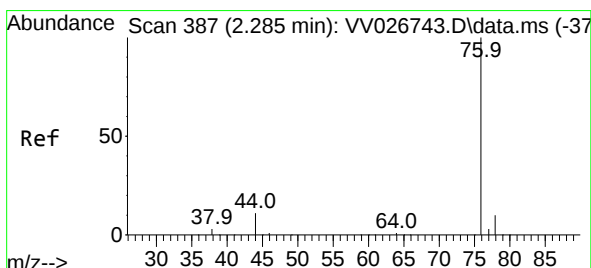
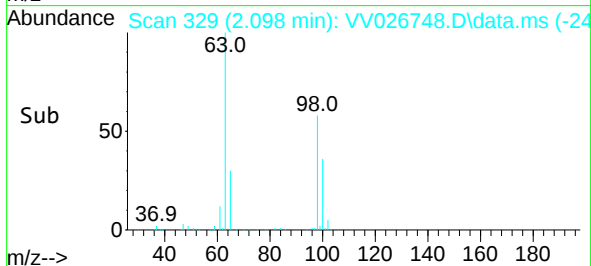
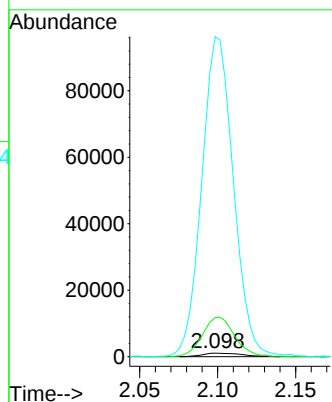
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	96	Resp:	1894
Ion	Ratio	Lower	Upper
96	100		
61	1090.8	118.3	219.7#
63	8956.3	79.9	148.3#



#14

Carbon disulfide

Concen: 0.342 ug/L

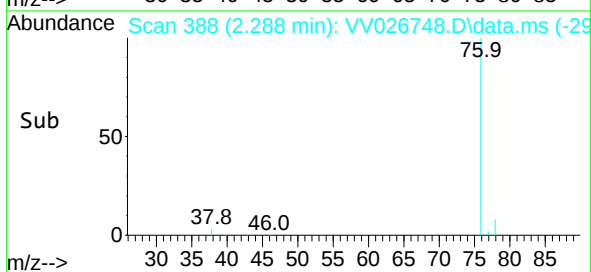
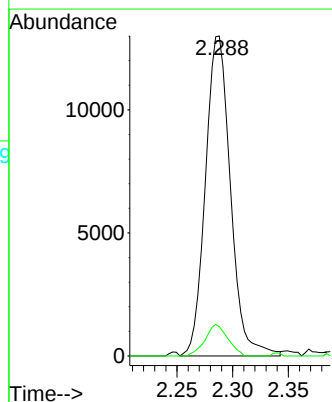
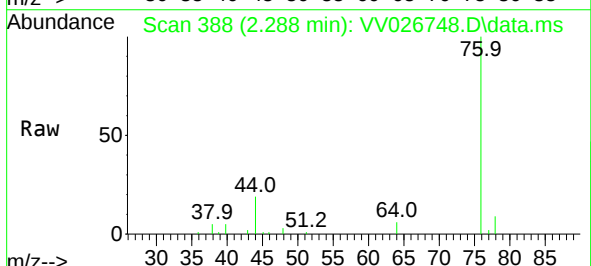
RT: 2.288 min Scan# 388

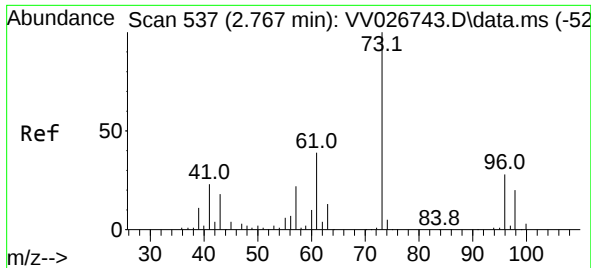
Delta R.T. 0.003 min

Lab File: VV026748.D

Acq: 13 Jul 2022 13:13

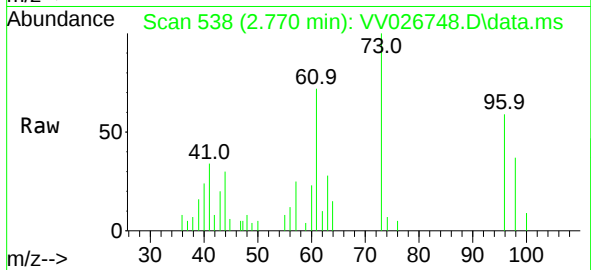
Tgt Ion:	76	Resp:	20391
Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.7	11.5



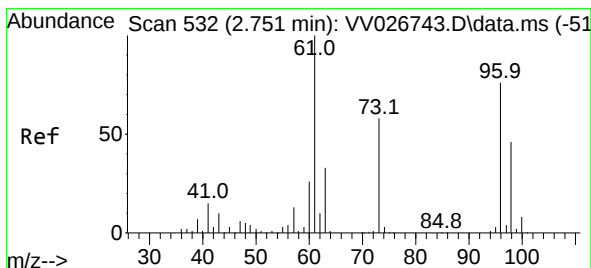
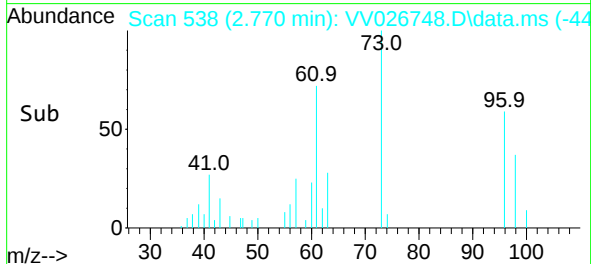
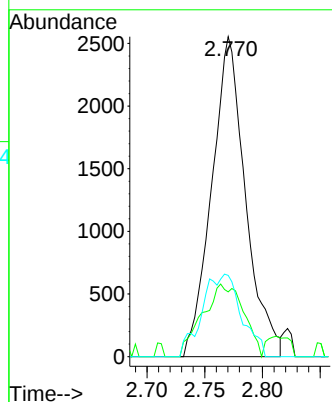


#17
Methyl tert-butyl Ether
Concen: 0.149 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV026748.D
Acq: 13 Jul 2022 13:13

Instrument :
MSVOA_V
ClientSampleId :

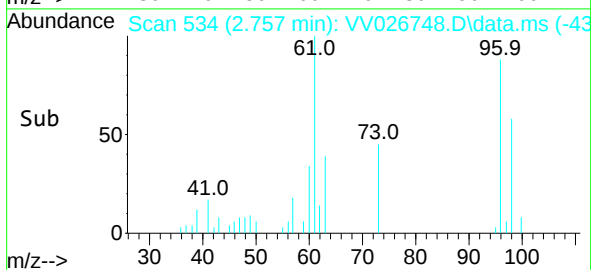
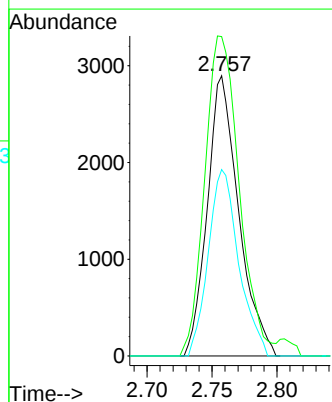
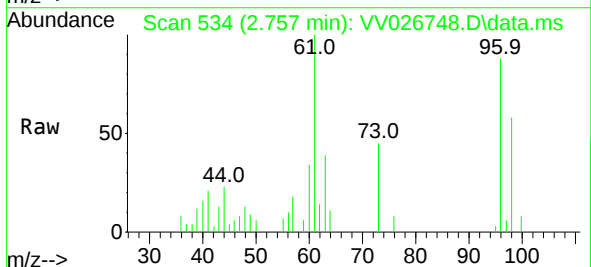


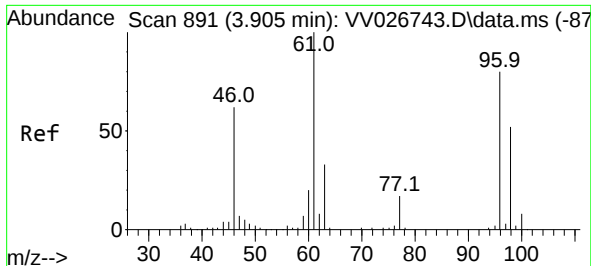
Tgt Ion: 73 Resp: 5196
Ion Ratio Lower Upper
73 100
43 27.5 14.0 21.0#
57 30.0 17.6 26.4#



#18
trans-1,2-Dichloroethene
Concen: 0.262 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.006 min
Lab File: VV026748.D
Acq: 13 Jul 2022 13:13

Tgt Ion: 96 Resp: 4867
Ion Ratio Lower Upper
96 100
61 113.9 94.7 175.9
98 66.5 47.4 88.0





#22

cis-1,2-Dichloroethene

Concen: 2.137 ug/L

RT: 3.908 min Scan# 891

Delta R.T. 0.003 min

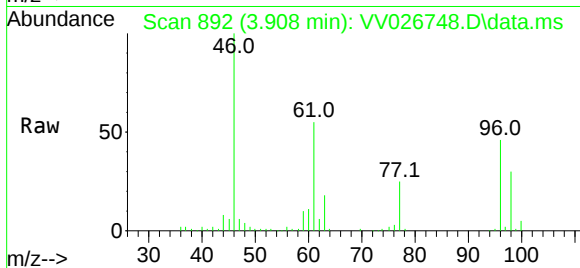
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Acq: 13 Jul 2022 13:13

Instrument :

MSVOA_V

ClientSampleId :



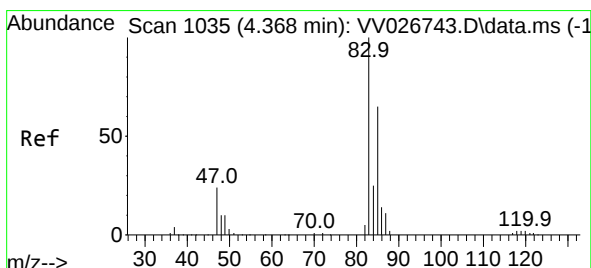
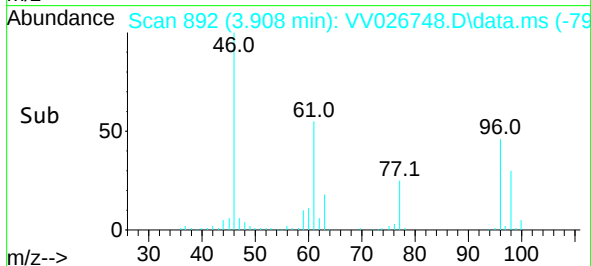
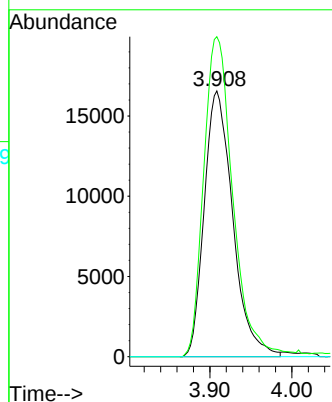
Tgt Ion: 96 Resp: 40053

Ion Ratio Lower Upper

96 100

61 120.4 83.9 155.9

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.505 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VV026748.D

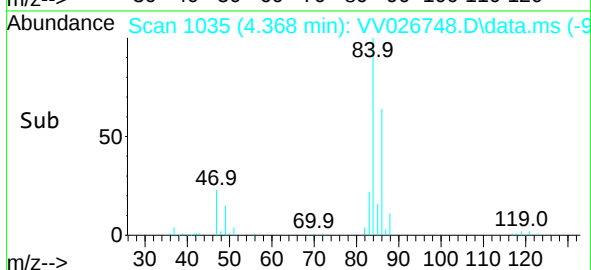
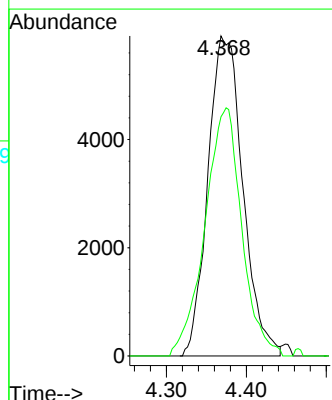
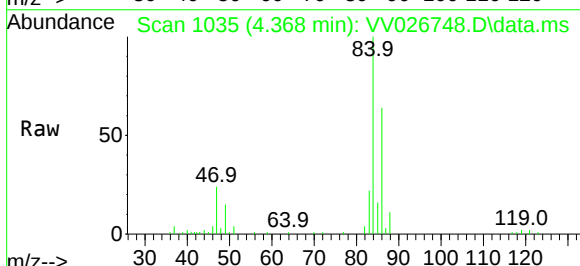
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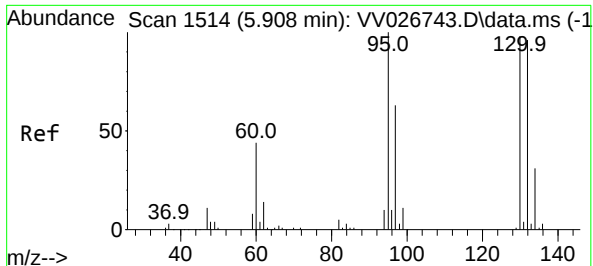
Tgt Ion: 83 Resp: 17936

Ion Ratio Lower Upper

83 100

85 74.8 45.7 84.9

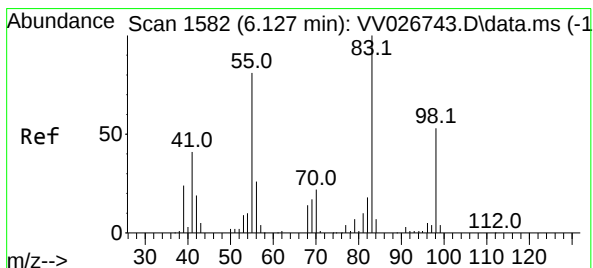
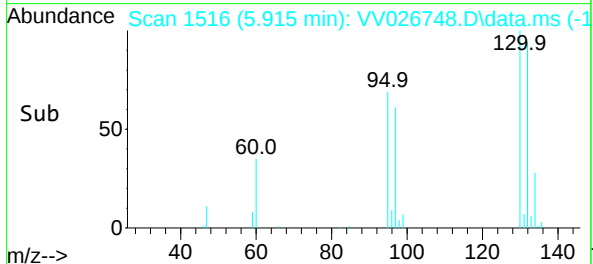
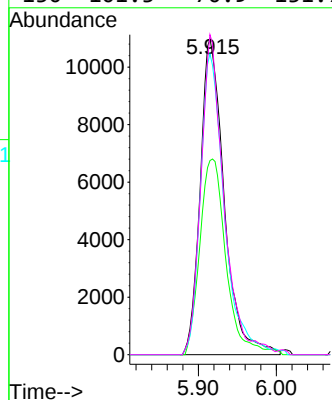
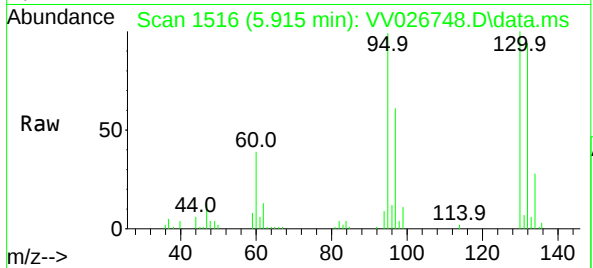




#34
Trichloroethene
Concen: 1.216 ug/L
RT: 5.915 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV026748.D
Acq: 13 Jul 2022 13:13

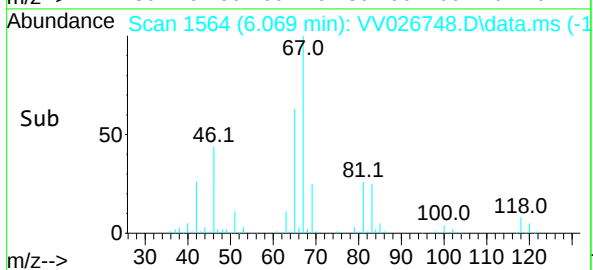
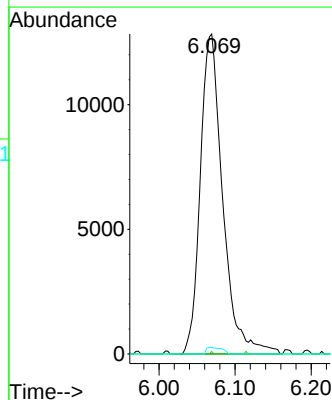
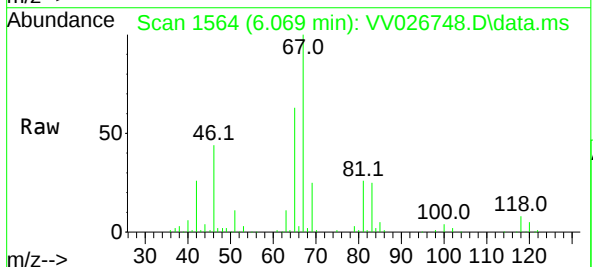
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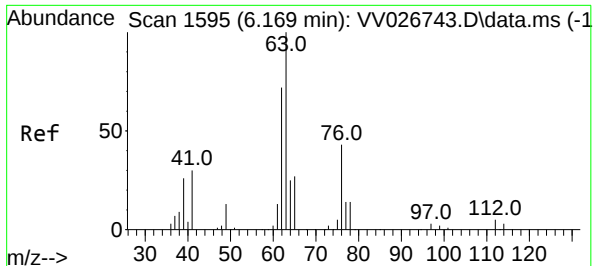
Tgt Ion: 95 Resp: 23534
Ion Ratio Lower Upper
95 100
97 61.4 44.6 82.8
132 95.2 70.2 130.4
130 101.3 70.9 131.7



#35
Methylcyclohexane
Concen: 0.890 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV026748.D
Acq: 13 Jul 2022 13:13

Tgt Ion: 83 Resp: 26280
Ion Ratio Lower Upper
83 100
55 0.1 59.5 89.3#
98 1.4 38.3 57.5#





#37

1,2-Dichloropropane

Concen: 0.631 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV026748.D

Acq: 13 Jul 2022 13:13

Instrument :

MSVOA_V

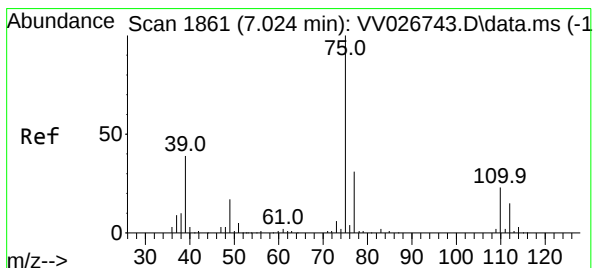
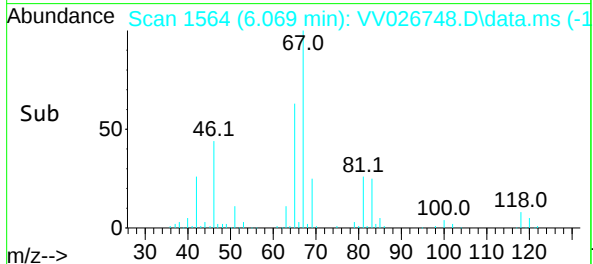
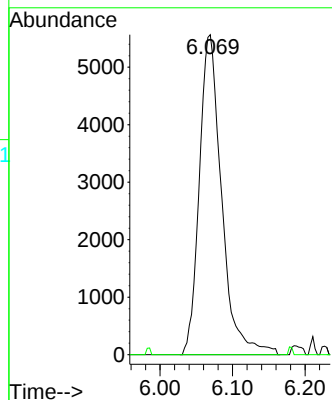
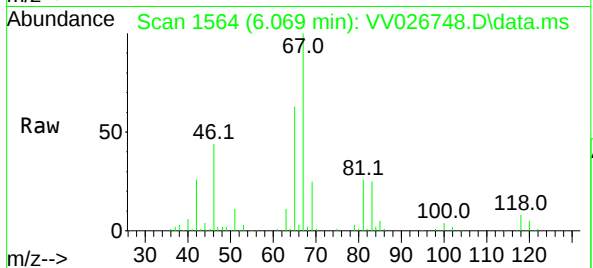
ClientSampleId :

Tgt Ion: 63 Resp: 11882

Ion Ratio Lower Upper

63 100

112 0.4 4.2 6.2#



#39

cis-1,3-Dichloropropene

Concen: 0.071 ug/L

RT: 6.986 min Scan# 1849

Delta R.T. -0.039 min

Lab File: VV026748.D

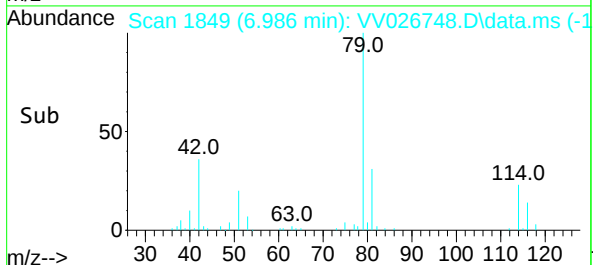
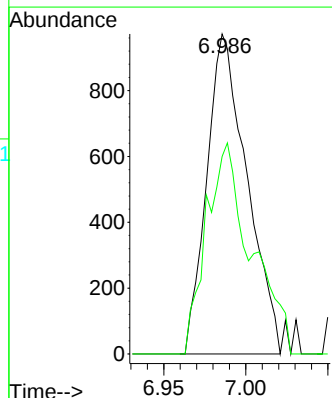
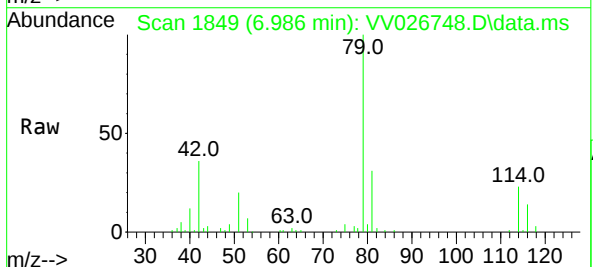
Acq: 13 Jul 2022 13:13

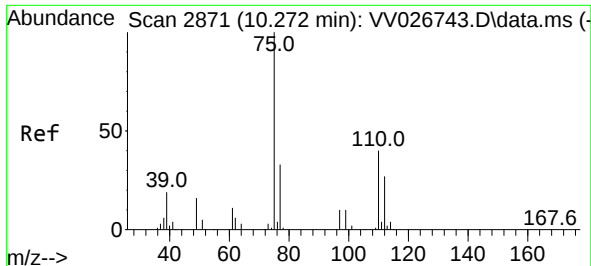
Tgt Ion: 75 Resp: 1653

Ion Ratio Lower Upper

75 100

77 61.7 21.4 39.8#





#61

1,2,3-Trichloropropane

Concen: 1.333 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.974 min

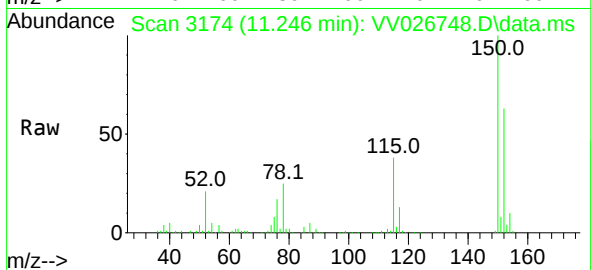
Lab File: VV026748.D

Acq: 13 Jul 2022 13:13

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	75	Resp:	11715
Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.4	38.0
110	3.2	31.8	47.6#

