

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071322\
 Data File : VW026755.D
 Acq On : 13 Jul 2022 15:59
 Operator : SY/MD
 Sample : N3598-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 13 23:03:48 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)

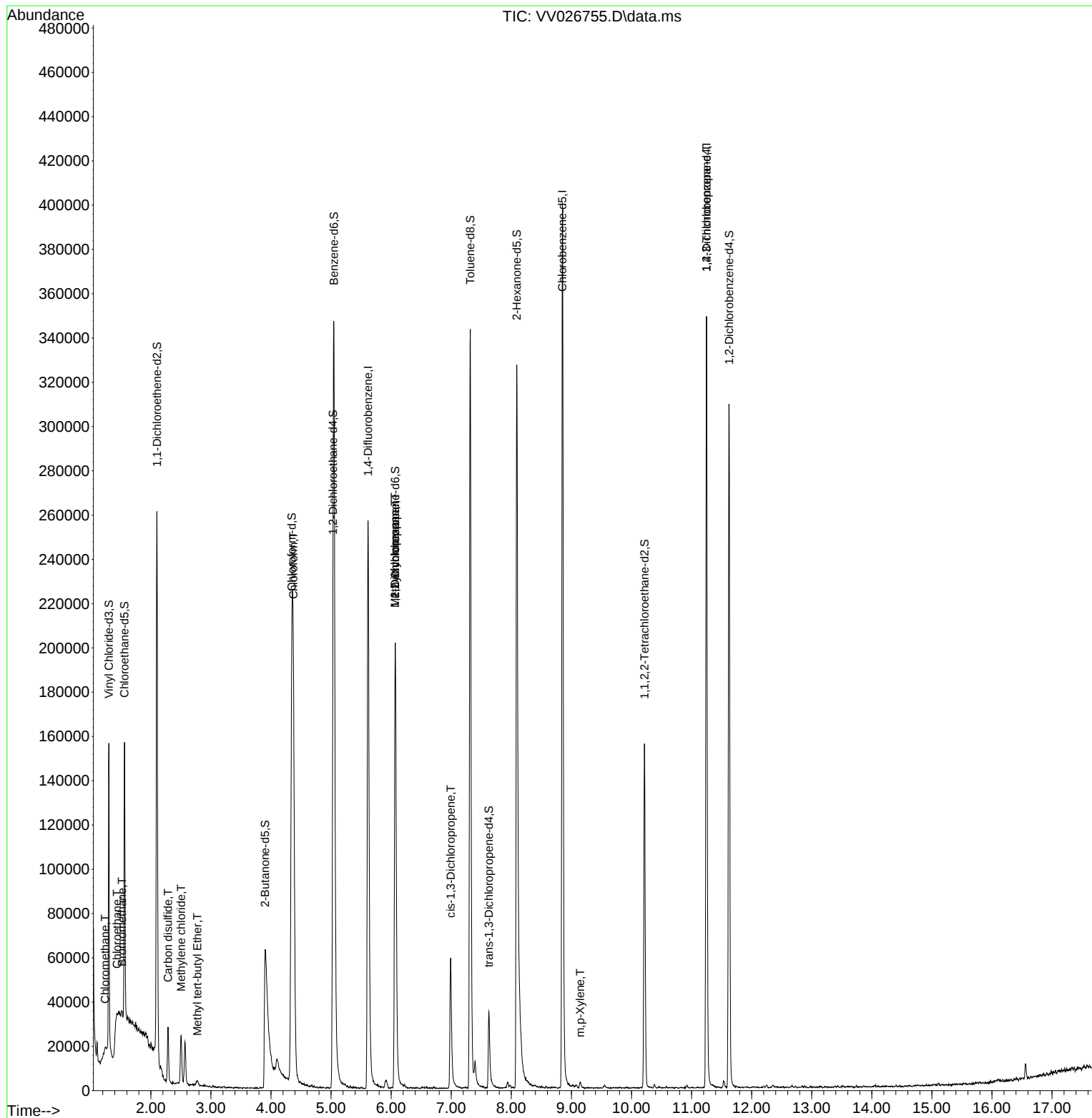
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	223945	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	228647	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	88686	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	87662	4.291	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.800%
7) Chloroethane-d5	1.561	69	81135	4.596	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.101	63	129799	3.309	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.200%
20) 2-Butanone-d5	3.902	46	142390	44.656	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.320%
24) Chloroform-d	4.346	84	181443	5.079	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
26) 1,2-Dichloroethane-d4	5.031	65	81533	5.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.047	84	319699	4.601	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.069	67	104492	5.016	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.317	98	235917	3.825	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.600%
43) trans-1,3-Dichloroprop...	7.625	79	22248	3.264	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.200%
46) 2-Hexanone-d5	8.092	63	126324	42.810	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.620%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	78069	4.811	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	79646	5.154	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						Qvalue
3) Chloromethane	1.237	50	1307	0.048	ug/L	87
6) Bromomethane	1.520	94	1016	0.061	ug/L	96
8) Chloroethane	1.436	64	36497	2.227	ug/L #	50
14) Carbon disulfide	2.285	76	28963	0.501	ug/L	97
16) Methylene chloride	2.503	84	9574	0.409	ug/L	97
17) Methyl tert-butyl Ether	2.773	73	2086	0.062	ug/L #	86
25) Chloroform	4.371	83	157531	4.564	ug/L	98
35) Methylcyclohexane	6.066	83	24943	0.870	ug/L #	20
37) 1,2-Dichloropropane	6.066	63	11141	0.610	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	1712	0.075	ug/L #	62
53) m,p-Xylene	9.146	106	970	0.033	ug/L	90
61) 1,2,3-Trichloropropane	11.249	75	10830	1.324	ug/L #	65

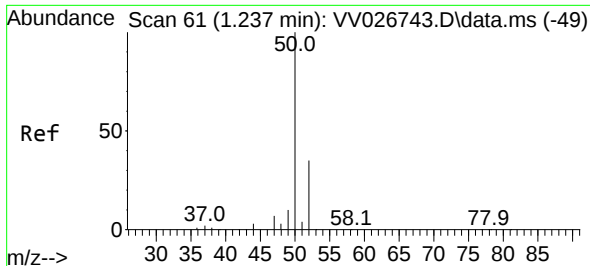
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_V
ClientSampleId :

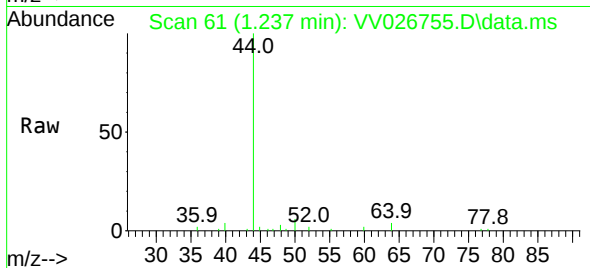
Quant Time: Jul 13 23:03:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
Quant Title : TRACE VOA SFAM1.0
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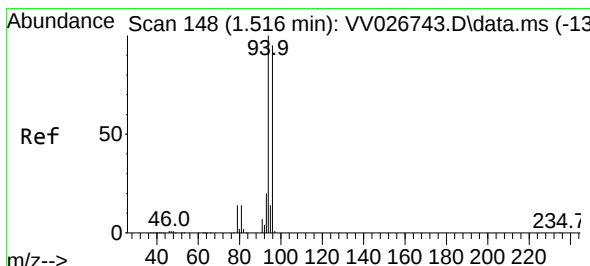
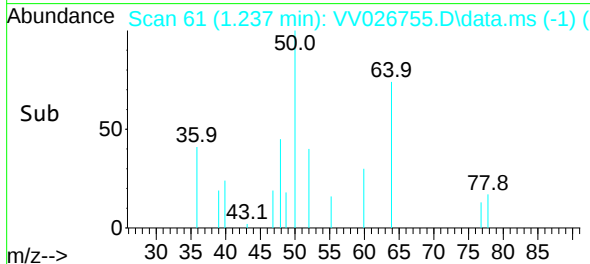
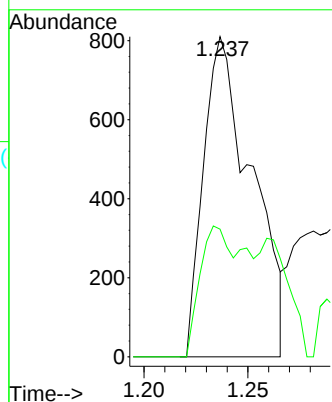


#3
Chloromethane
Concen: 0.048 ug/L
RT: 1.237 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV026755.D
Acq: 13 Jul 2022 15:59

Instrument :
MSVOA_V
ClientSampleId :

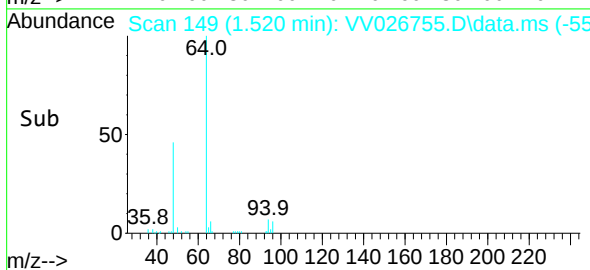
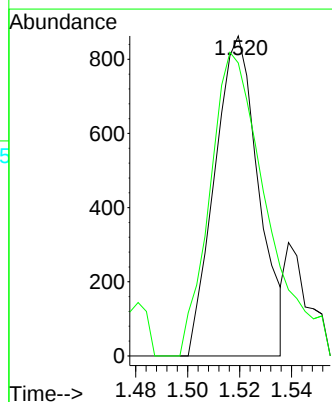
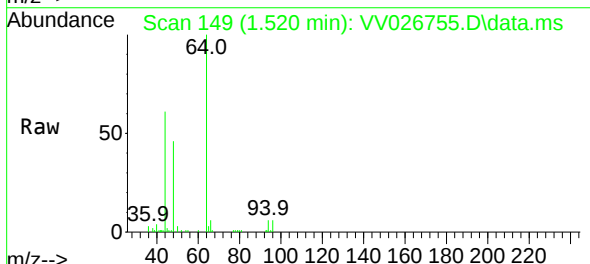


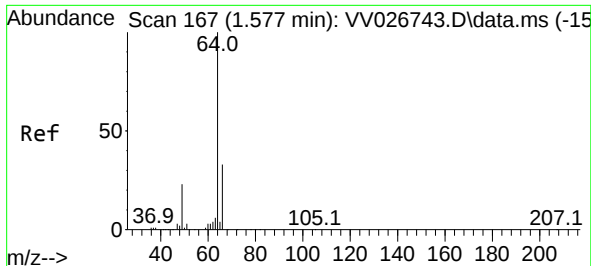
Tgt Ion: 50 Resp: 1307
Ion Ratio Lower Upper
50 100
52 39.9 22.8 42.4



#6
Bromomethane
Concen: 0.061 ug/L
RT: 1.520 min Scan# 149
Delta R.T. 0.003 min
Lab File: VV026755.D
Acq: 13 Jul 2022 15:59

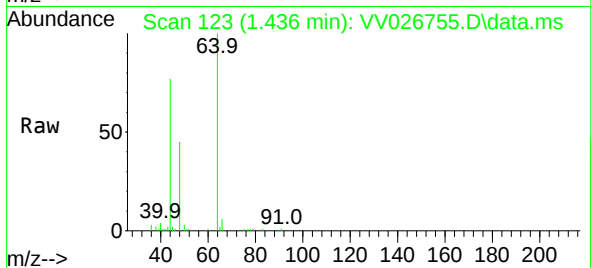
Tgt Ion: 94 Resp: 1016
Ion Ratio Lower Upper
94 100
96 91.5 67.1 124.7



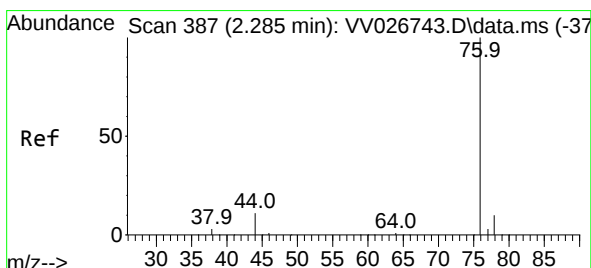
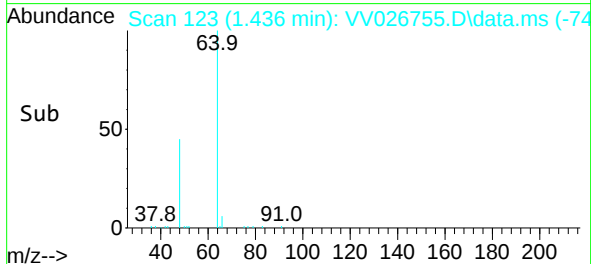
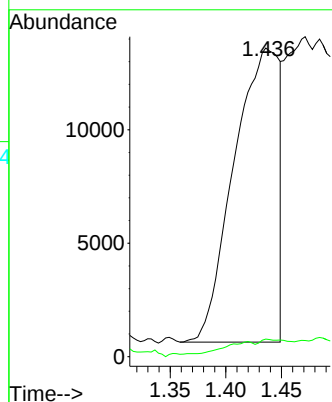


#8
Chloroethane
Concen: 2.227 ug/L
RT: 1.436 min Scan# 11
Delta R.T. -0.141 min
Lab File: VV026755.D
Acq: 13 Jul 2022 15:59

Instrument :
MSVOA_V
ClientSampleId :

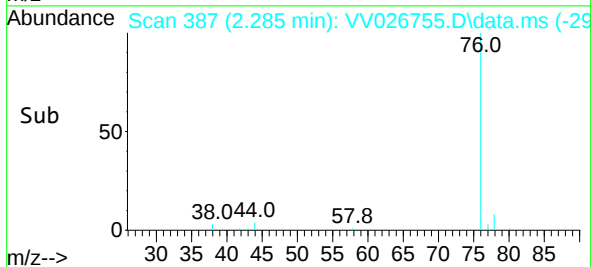
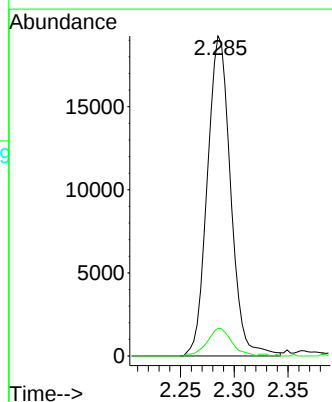
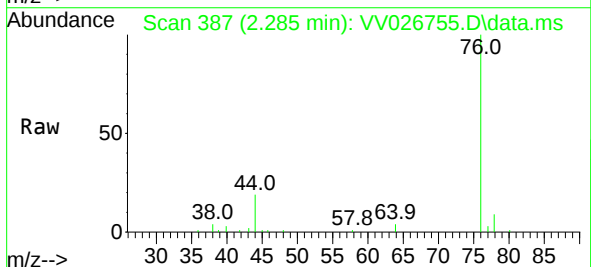


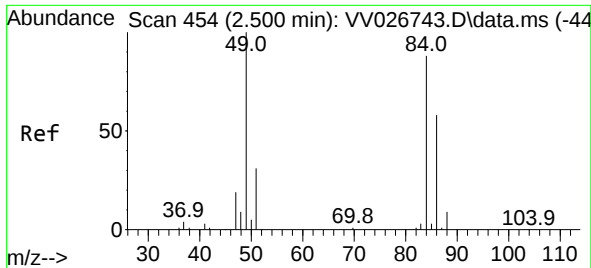
Tgt Ion: 64 Resp: 36497
Ion Ratio Lower Upper
64 100
66 5.7 23.9 44.5#



#14
Carbon disulfide
Concen: 0.501 ug/L
RT: 2.285 min Scan# 387
Delta R.T. 0.000 min
Lab File: VV026755.D
Acq: 13 Jul 2022 15:59

Tgt Ion: 76 Resp: 28963
Ion Ratio Lower Upper
76 100
78 8.7 7.7 11.5

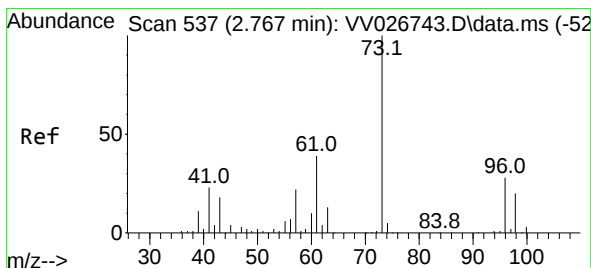
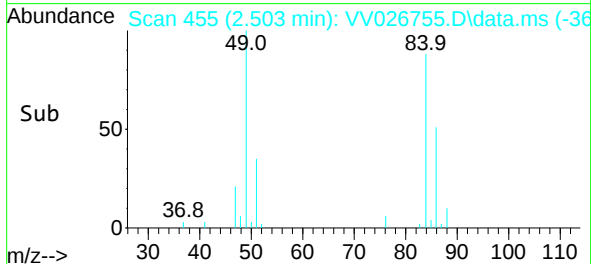
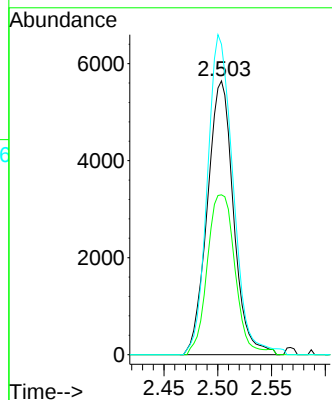
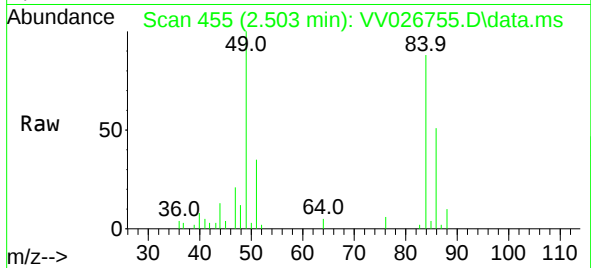




#16
Methylene chloride
Concen: 0.409 ug/L
RT: 2.503 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026755.D
Acq: 13 Jul 2022 15:59

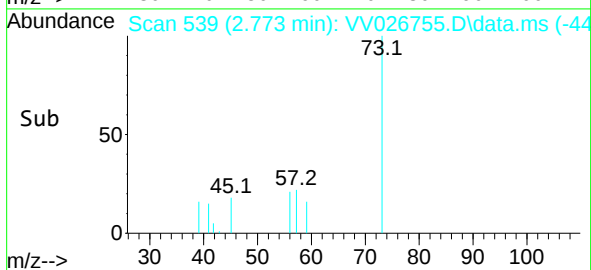
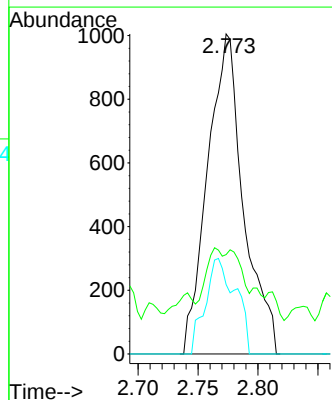
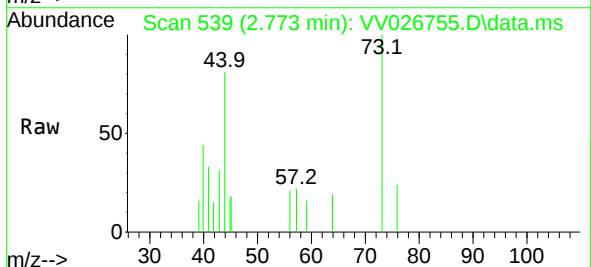
Instrument :
MSVOA_V
ClientSampleId :

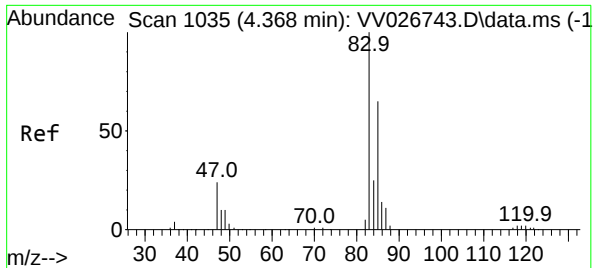
Tgt Ion: 84 Resp: 9574
Ion Ratio Lower Upper
84 100
86 58.4 44.8 83.2
49 113.4 78.7 146.1



#17
Methyl tert-butyl Ether
Concen: 0.062 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.006 min
Lab File: VV026755.D
Acq: 13 Jul 2022 15:59

Tgt Ion: 73 Resp: 2086
Ion Ratio Lower Upper
73 100
43 7.6 14.0 21.0#
57 25.2 17.6 26.4





#25

Chloroform

Concen: 4.564 ug/L

RT: 4.371 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VV026755.D

Acq: 13 Jul 2022 15:59

Instrument :

MSVOA_V

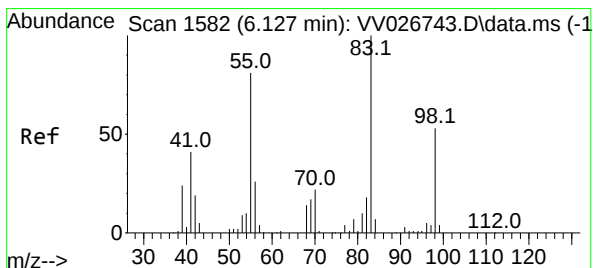
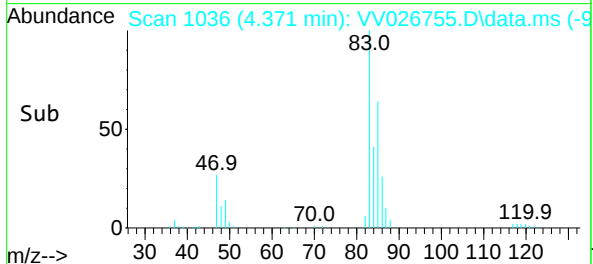
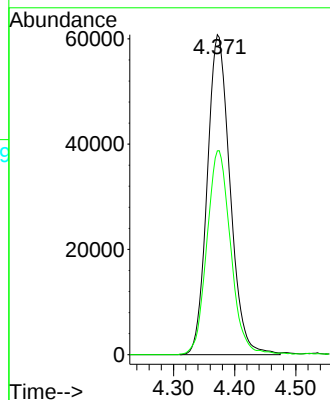
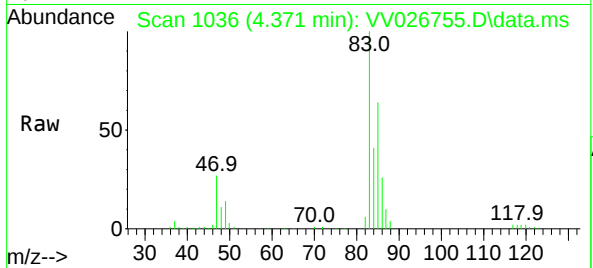
ClientSampleId :

Tgt Ion: 83 Resp: 157531

Ion Ratio Lower Upper

83 100

85 63.7 45.7 84.9



#35

Methylcyclohexane

Concen: 0.870 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV026755.D

Acq: 13 Jul 2022 15:59

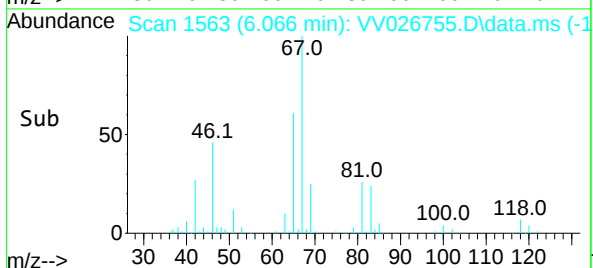
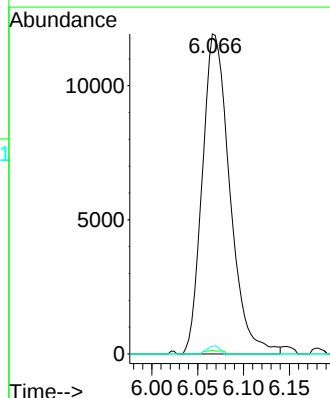
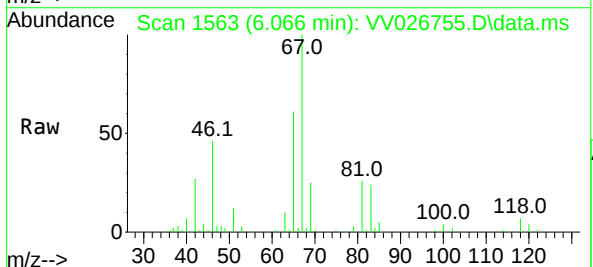
Tgt Ion: 83 Resp: 24943

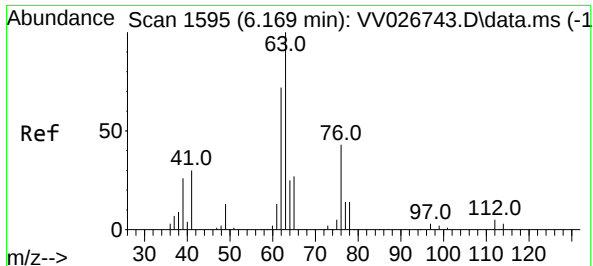
Ion Ratio Lower Upper

83 100

55 0.7 59.5 89.3#

98 1.2 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: VV026755.D

Acq: 13 Jul 2022 15:59

Instrument :

MSVOA_V

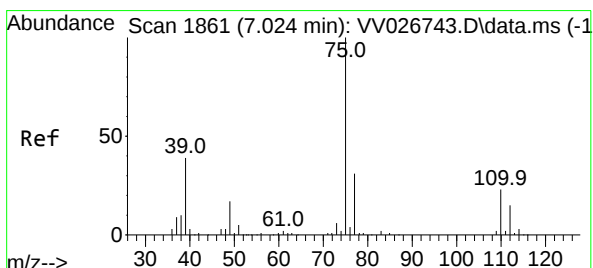
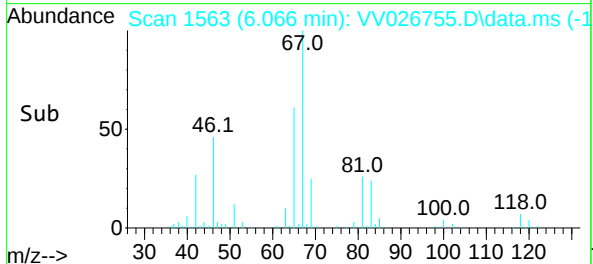
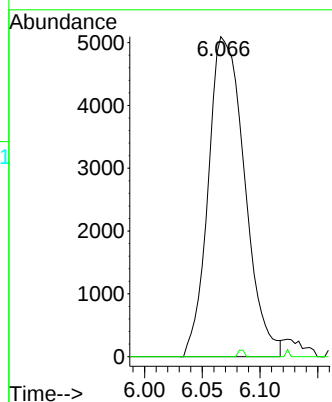
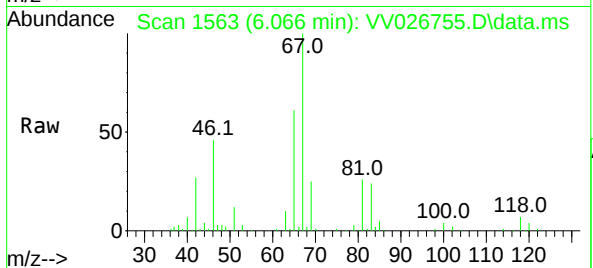
ClientSampleId :

Tgt Ion: 63 Resp: 11141

Ion Ratio Lower Upper

63 100

112 0.4 4.2 6.2#



#39

cis-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.032 min

Lab File: VV026755.D

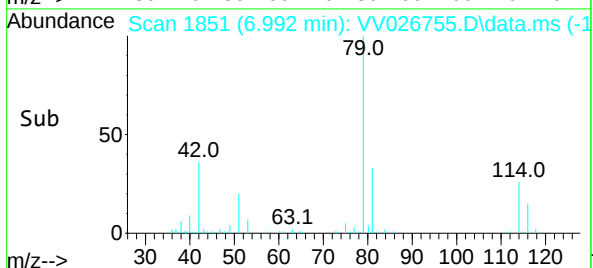
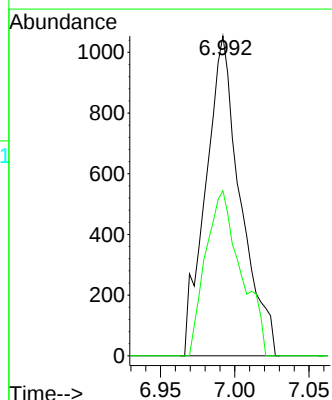
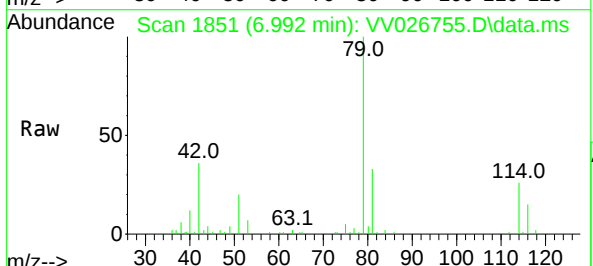
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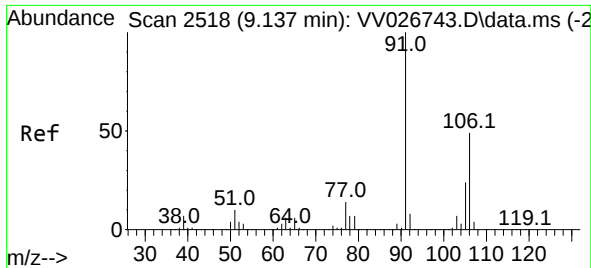
Tgt Ion: 75 Resp: 1712

Ion Ratio Lower Upper

75 100

77 51.6 21.4 39.8#

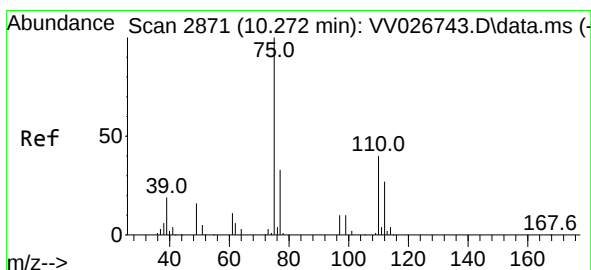
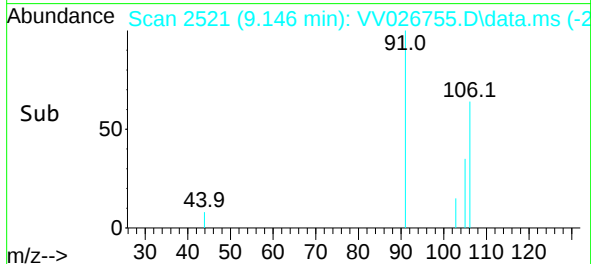
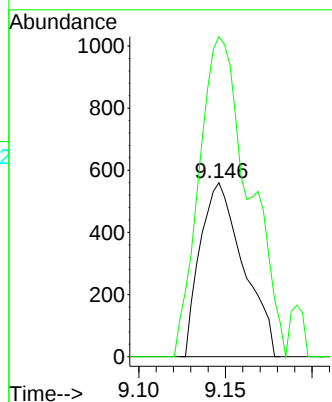
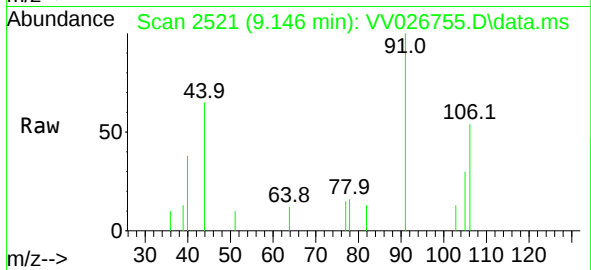




#53
 m,p-Xylene
 Concen: 0.033 ug/L
 RT: 9.146 min Scan# 21
 Delta R.T. 0.010 min
 Lab File: VV026755.D
 Acq: 13 Jul 2022 15:59

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:106 Resp: 970
 Ion Ratio Lower Upper
 106 100
 91 183.9 139.3 258.7



#61
 1,2,3-Trichloropropane
 Concen: 1.324 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.977 min
 Lab File: VV026755.D
 Acq: 13 Jul 2022 15:59

Tgt Ion: 75 Resp: 10830
 Ion Ratio Lower Upper
 75 100
 77 34.5 25.4 38.0
 110 3.6 31.8 47.6#

