

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
 Data File : VV027721.D
 Acq On : 02 Sep 2022 14:31
 Operator : SY/MD
 Sample : VV0901WBL03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 03 05:32:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 03 05:30:57 2022
 Response via : Initial Calibration

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

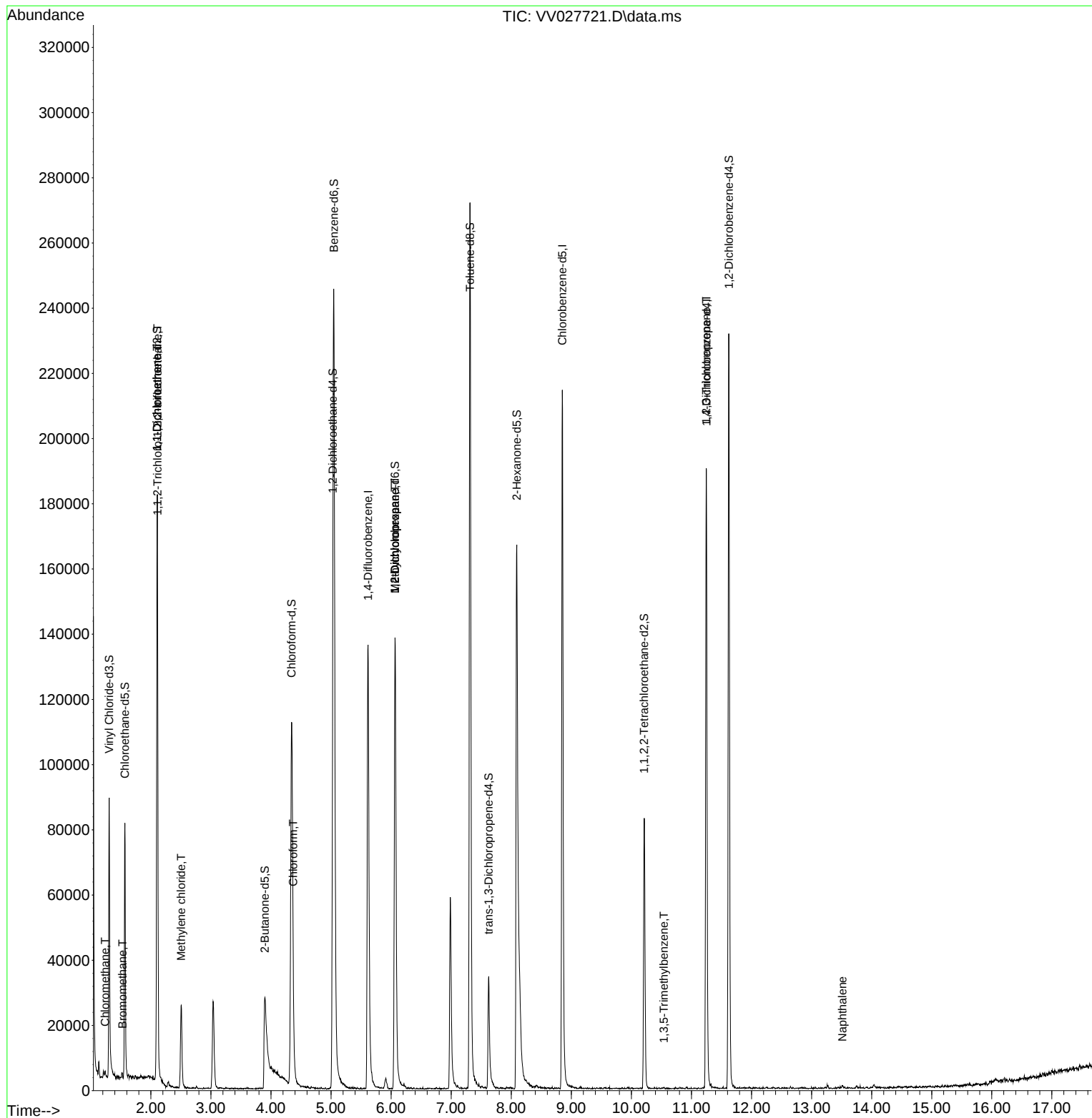
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	121204	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	120115	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53004	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	62860	4.774	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.400%
7) Chloroethane-d5	1.568	69	50202	4.557	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.105	63	95902	3.721	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.400%
20) 2-Butanone-d5	3.899	46	60371	27.118	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	54.240%
24) Chloroform-d	4.342	84	118622	4.488	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.031	65	56448	4.767	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.047	84	224836	4.570	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.066	67	65642	4.313	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.200%
41) Toluene-d8	7.313	98	187440	4.399	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	7.622	79	21572	4.601	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.091	63	74482	42.246	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.500%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	40430	4.128	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	61449	5.178	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1048	0.066	ug/L	96
6) Bromomethane	1.526	94	740	0.105	ug/L	81
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	978	0.089	ug/L #	19
12) 1,1-Dichloroethene	2.105	96	924	0.091	ug/L #	1
16) Methylene chloride	2.506	84	10703	0.839	ug/L	94
25) Chloroform	4.368	83	3082	0.131	ug/L #	63
35) Methylcyclohexane	6.066	83	16442	0.920	ug/L #	16
37) 1,2-Dichloropropane	6.066	63	7997	0.676	ug/L #	89
61) 1,2,3-Trichloropropane	11.246	75	5382	1.004	ug/L #	68
62) 1,3,5-Trimethylbenzene	10.542	105	343	0.031	ug/L #	27
71) Naphthalene	13.512	128	1365	0.085	ug/L #	75

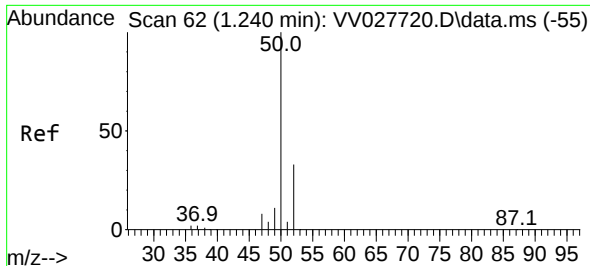
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 03 05:32:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Sep 03 05:30:57 2022
Response via : Initial Calibration

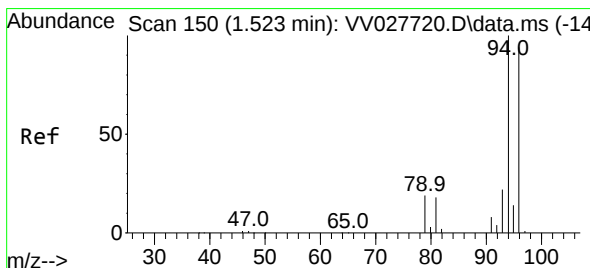
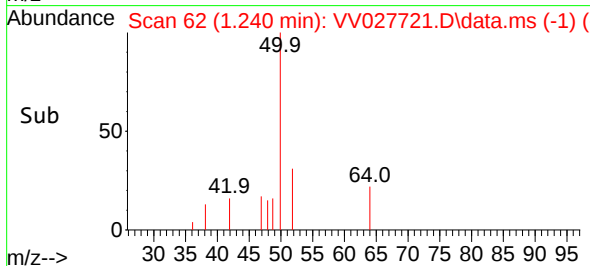
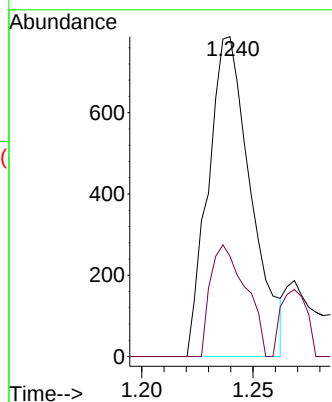
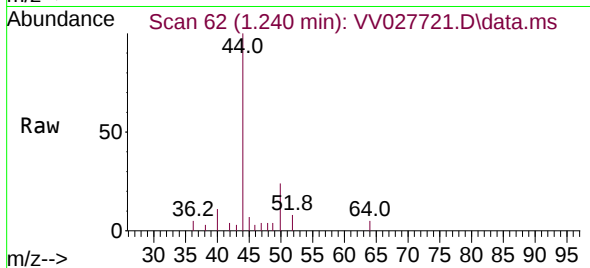




#3
Chloromethane
Concen: 0.066 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV027721.D
Acq: 02 Sep 2022 14:31

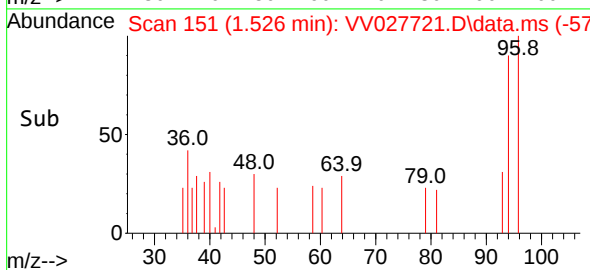
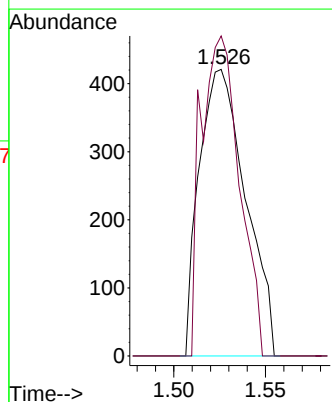
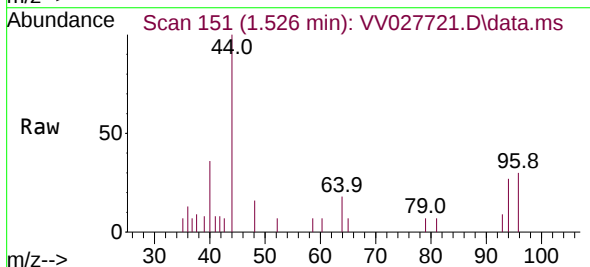
Instrument :
MSVOA_V
ClientSampleId :

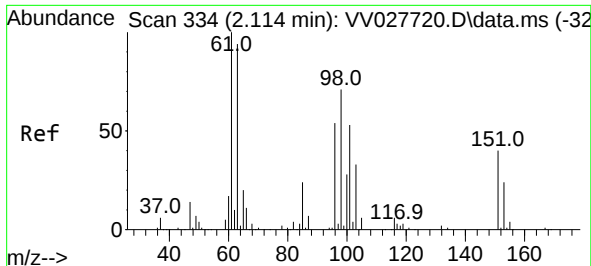
Tgt Ion: 50 Resp: 1048
Ion Ratio Lower Upper
50 100
52 31.4 23.5 43.7



#6
Bromomethane
Concen: 0.105 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.003 min
Lab File: VV027721.D
Acq: 02 Sep 2022 14:31

Tgt Ion: 94 Resp: 740
Ion Ratio Lower Upper
94 100
96 111.6 65.1 120.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.089 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV027721.D

Acq: 02 Sep 2022 14:31

Instrument :

MSVOA_V

ClientSampleId :

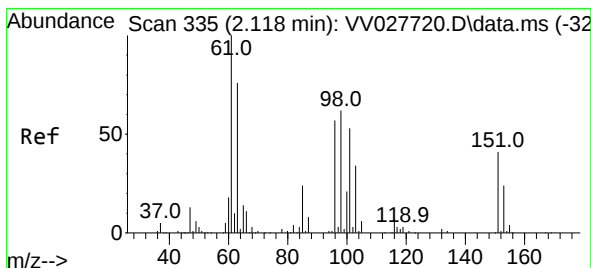
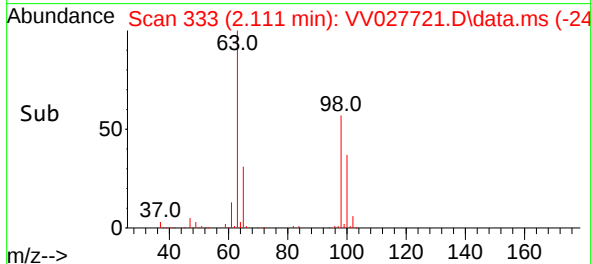
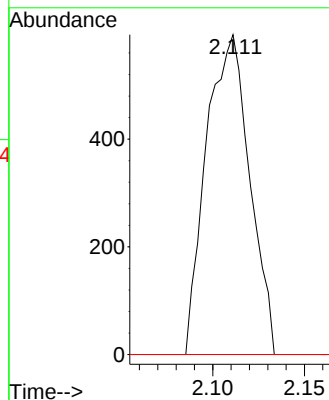
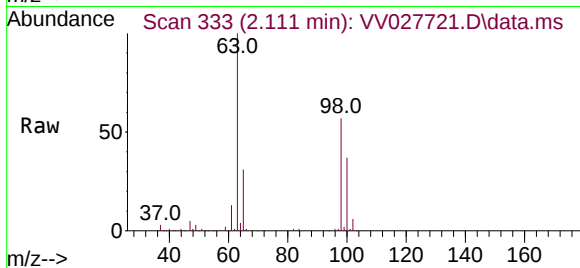
Tgt Ion:101 Resp: 978

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

151 0.0 60.9 91.3#



#12

1,1-Dichloroethene

Concen: 0.091 ug/L

RT: 2.105 min Scan# 331

Delta R.T. -0.013 min

Lab File: VV027721.D

Acq: 02 Sep 2022 14:31

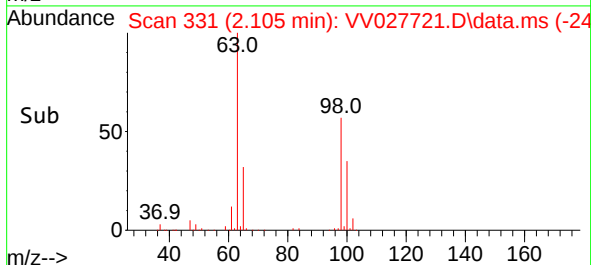
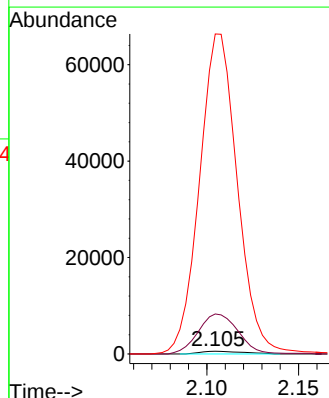
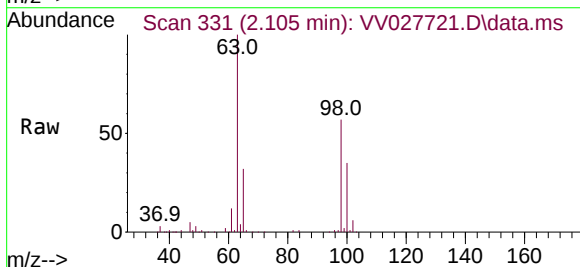
Tgt Ion: 96 Resp: 924

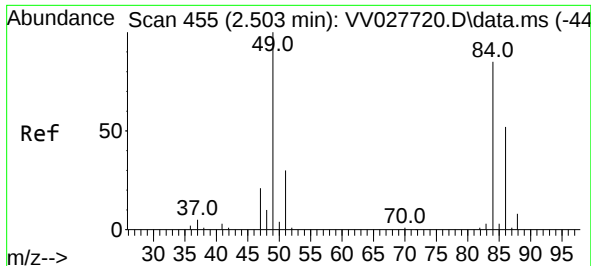
Ion Ratio Lower Upper

96 100

61 1460.7 134.3 249.3#

63 11687.3 105.7 196.3#

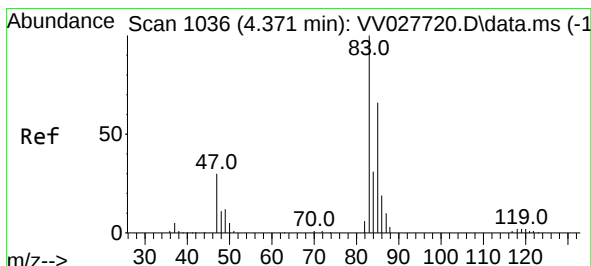
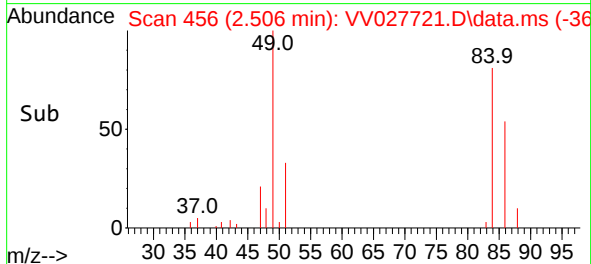
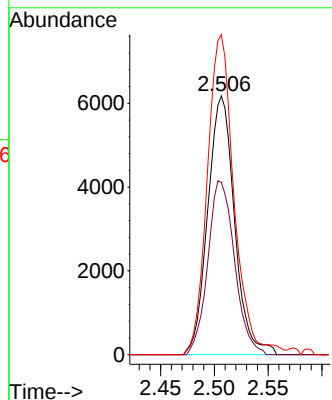
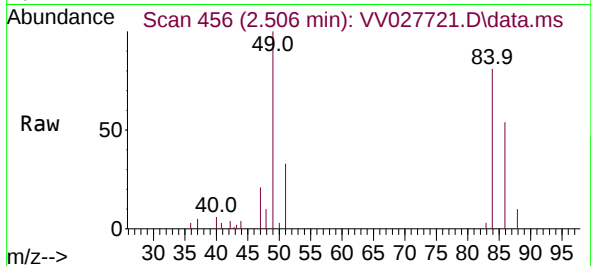




#16
Methylene chloride
Concen: 0.839 ug/L
RT: 2.506 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV027721.D
Acq: 02 Sep 2022 14:31

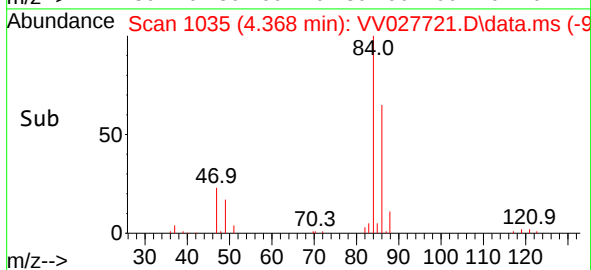
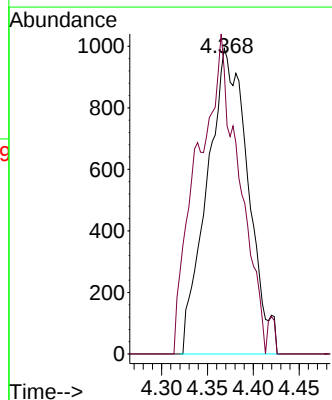
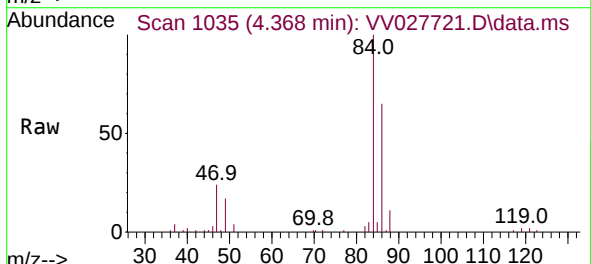
Instrument :
MSVOA_V
ClientSampleId :

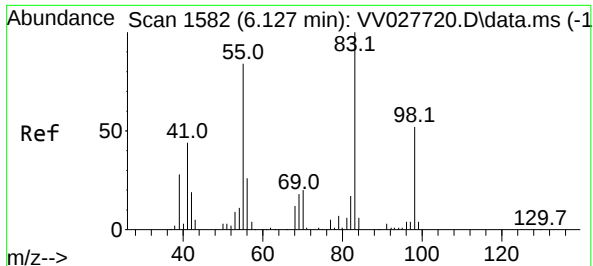
Tgt Ion: 84 Resp: 10703
Ion Ratio Lower Upper
84 100
86 66.6 43.9 81.5
49 123.7 92.5 171.7



#25
Chloroform
Concen: 0.131 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VV027721.D
Acq: 02 Sep 2022 14:31

Tgt Ion: 83 Resp: 3082
Ion Ratio Lower Upper
83 100
85 93.1 44.7 83.1#





#35

Methylcyclohexane

Concen: 0.920 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV027721.D

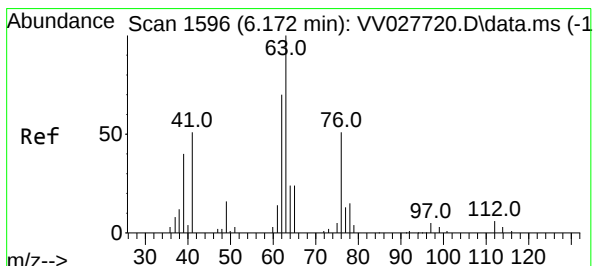
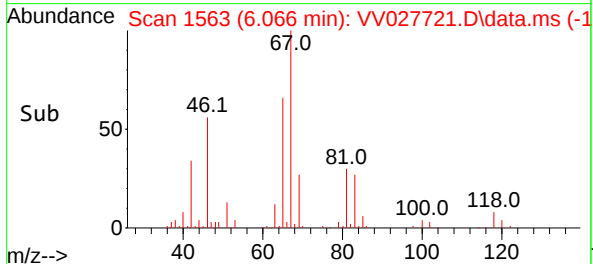
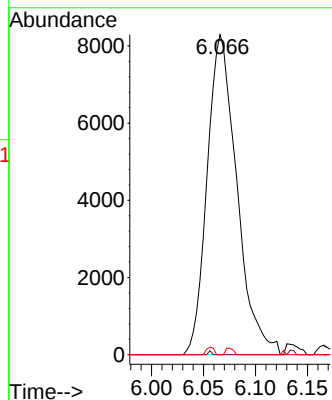
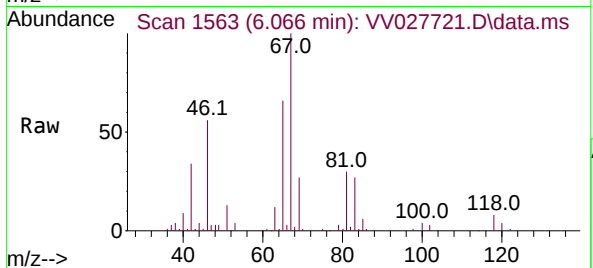
Acq: 02 Sep 2022 14:31

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	16442
Ion Ratio	Lower	Upper	
83	100		
55	0.0	66.0	99.0#
98	0.5	36.9	55.3#



#37

1,2-Dichloropropane

Concen: 0.676 ug/L

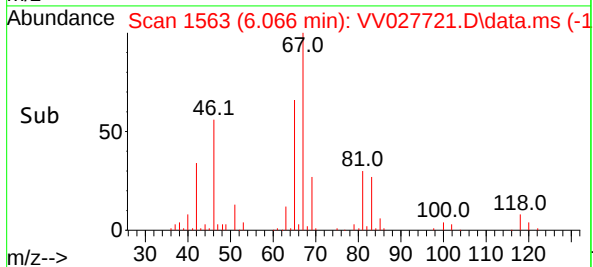
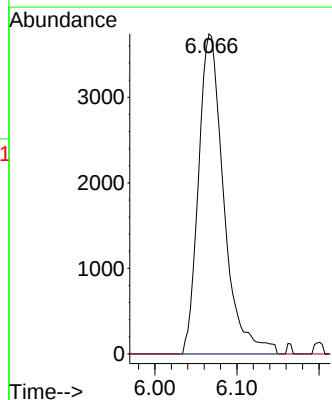
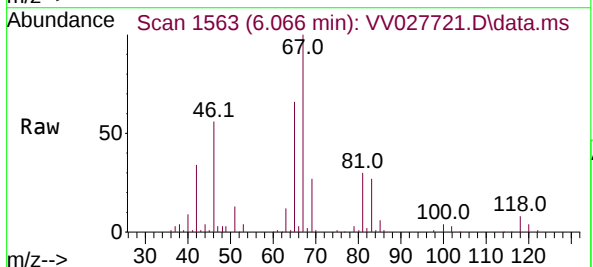
RT: 6.066 min Scan# 1563

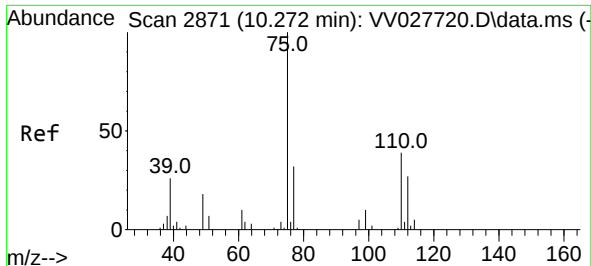
Delta R.T. -0.106 min

Lab File: VV027721.D

Acq: 02 Sep 2022 14:31

Tgt Ion:	63	Resp:	7997
Ion Ratio	Lower	Upper	
63	100		
112	0.0	2.9	4.3#

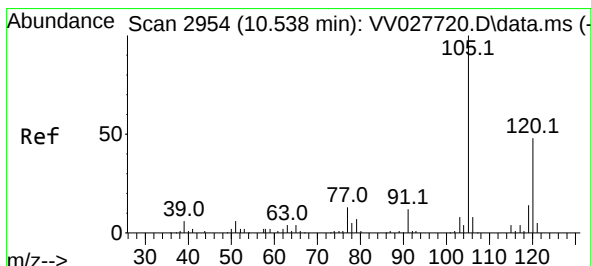
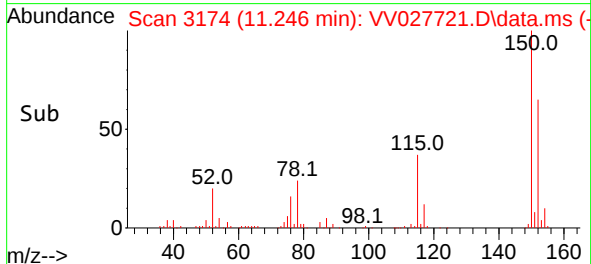
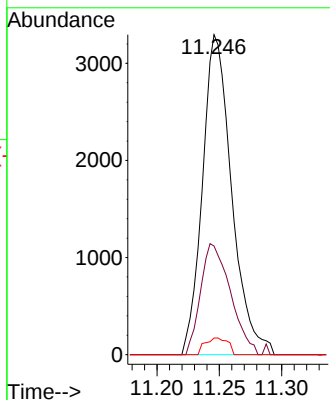
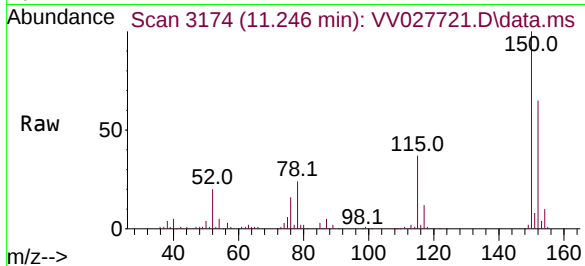




#61
1,2,3-Trichloropropane
Concen: 1.004 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV027721.D
Acq: 02 Sep 2022 14:31

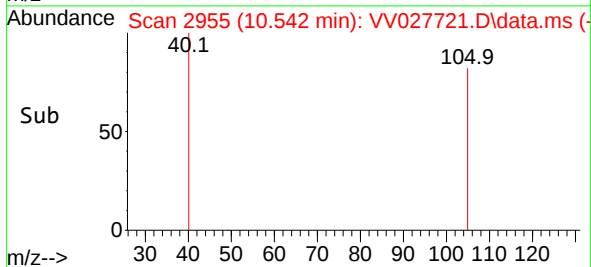
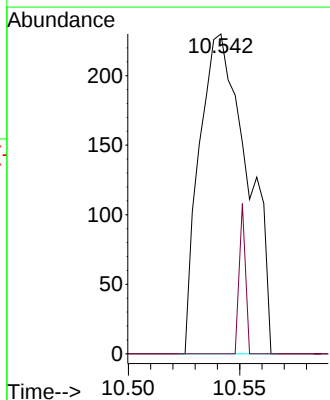
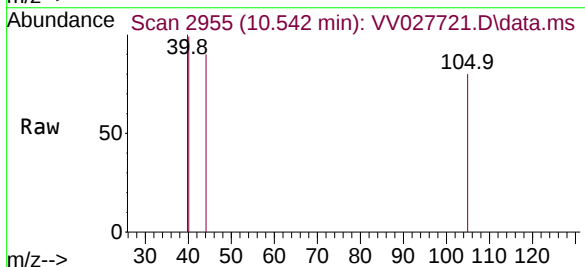
Instrument :
MSVOA_V
ClientSampleId :

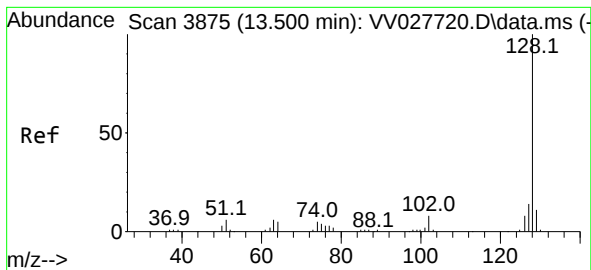
Tgt Ion: 75 Resp: 5382
Ion Ratio Lower Upper
75 100
77 35.4 25.8 38.6
110 4.1 29.8 44.8#



#62
1,3,5-Trimethylbenzene
Concen: 0.031 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV027721.D
Acq: 02 Sep 2022 14:31

Tgt Ion: 105 Resp: 343
Ion Ratio Lower Upper
105 100
120 0.0 40.4 60.6#





#71

Naphthalene

Concen: 0.085 ug/L

RT: 13.512 min Scan# 3879

Delta R.T. 0.013 min

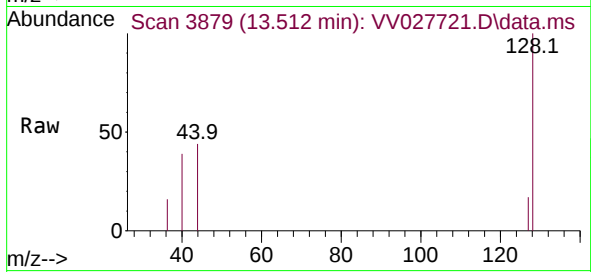
Lab File: VV027721.D

Acq: 02 Sep 2022 14:31

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:128 Resp: 1365

Ion Ratio Lower Upper

128 100

129 0.0 8.9 13.3#

127 4.7 10.9 16.3#

