

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
 Data File : VV027707.D
 Acq On : 02 Sep 2022 08:20
 Operator : SY/MD
 Sample : N4402-23
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 03 04:14:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 02 03:03:49 2022
 Response via : Initial Calibration

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

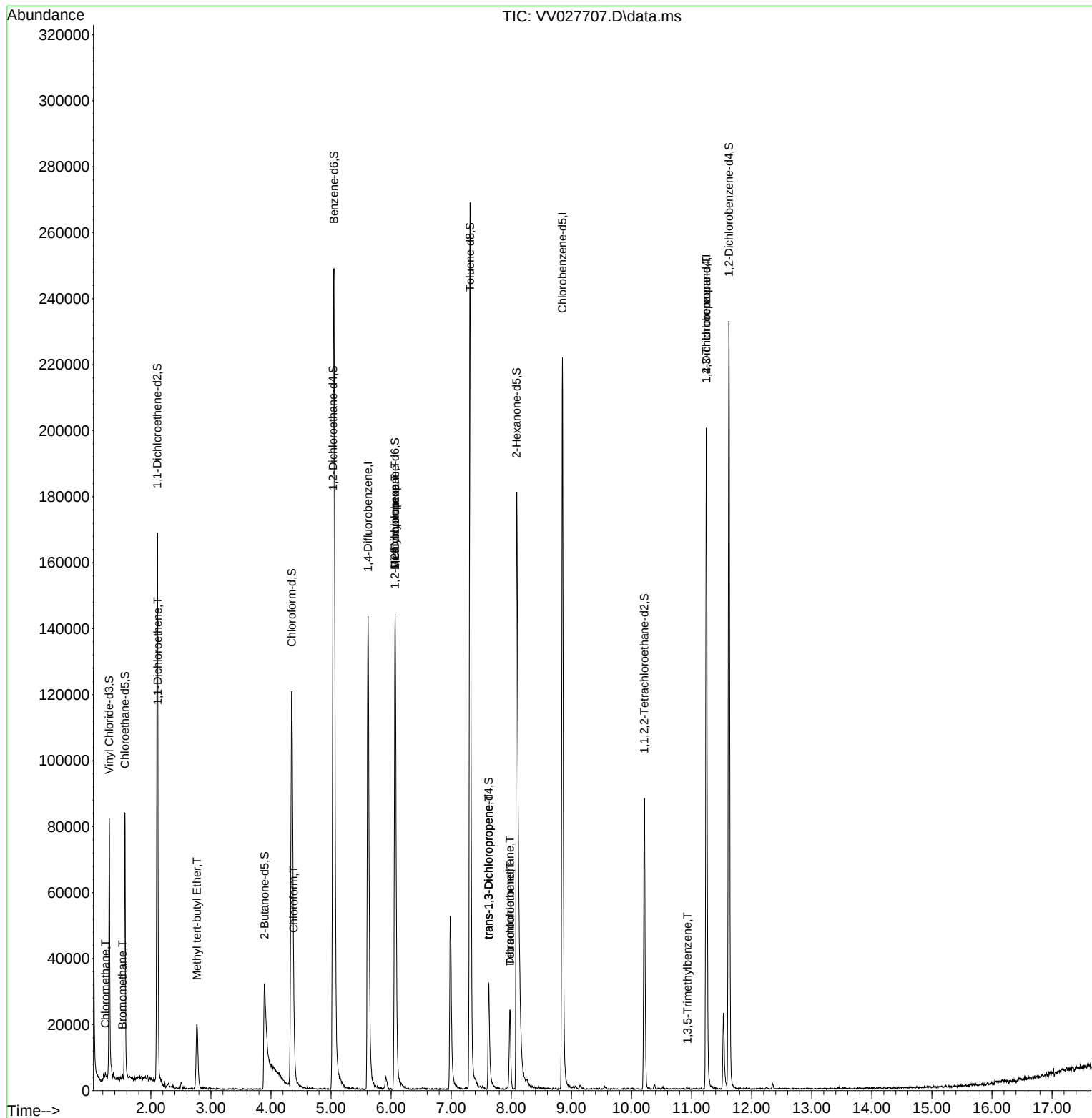
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	127679	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	124454	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	53968	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	55078	3.971	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.400%
7) Chloroethane-d5	1.568	69	51969	4.478	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.108	63	89966	3.314	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.200%
20) 2-Butanone-d5	3.892	46	68700	29.294	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	58.580%
24) Chloroform-d	4.346	84	124071	4.456	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.031	65	58968	4.727	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.047	84	229128	4.495	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.066	67	69088	4.381	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.313	98	184951	4.189	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	7.622	79	18925	3.896	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.000%
46) 2-Hexanone-d5	8.088	63	78343	42.887	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.780%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	41315	4.072	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	62543	5.176	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						Qvalue
3) Chloromethane	1.243	50	1362	0.082	ug/L	86
6) Bromomethane	1.526	94	571	0.077	ug/L	98
12) 1,1-Dichloroethene	2.118	96	875	0.082	ug/L #	1
17) Methyl tert-butyl Ether	2.767	73	19437	0.854	ug/L	98
25) Chloroform	4.378	83	11247	0.453	ug/L	96
35) Methylcyclohexane	6.066	83	16582	0.896	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	8371	0.683	ug/L #	89
44) trans-1,3-Dichloropropene	7.622	75	957	0.078	ug/L #	74
47) Tetrachloroethene	7.979	164	5544	0.573	ug/L	94
49) Dibromochloromethane	7.976	129	4883	0.521	ug/L #	12
61) 1,2,3-Trichloropropane	11.246	75	5818	1.065	ug/L #	68
62) 1,3,5-Trimethylbenzene	10.931	105	372	0.033	ug/L	92

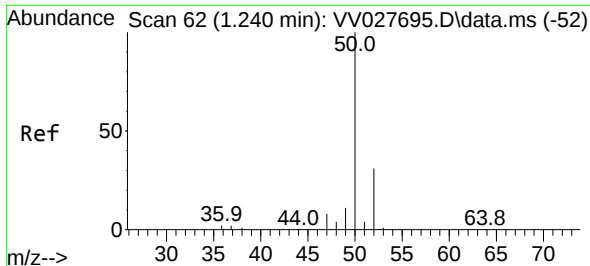
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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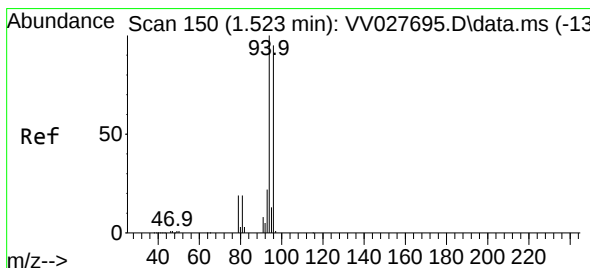
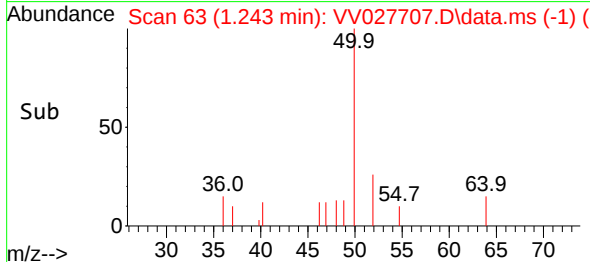
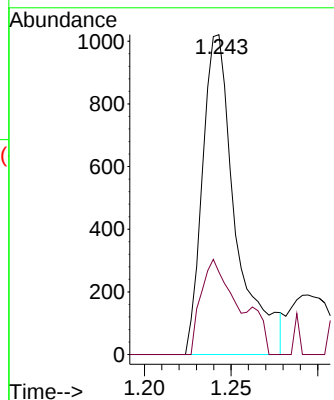
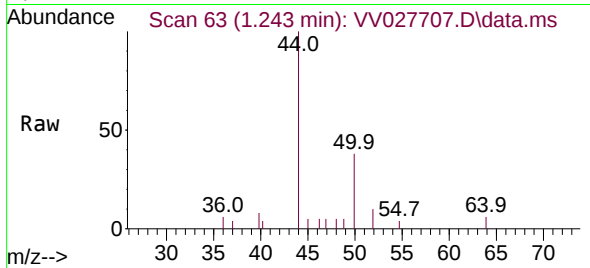




#3
Chloromethane
Concen: 0.082 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV027707.D
Acq: 02 Sep 2022 08:20

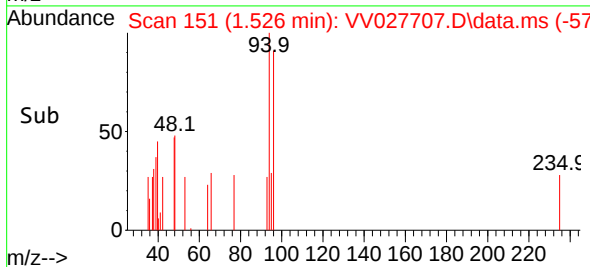
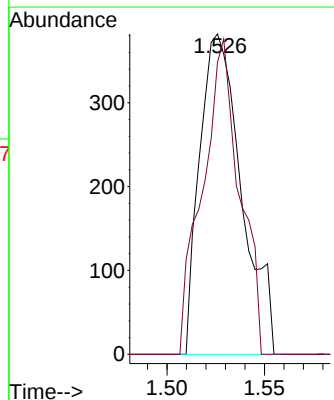
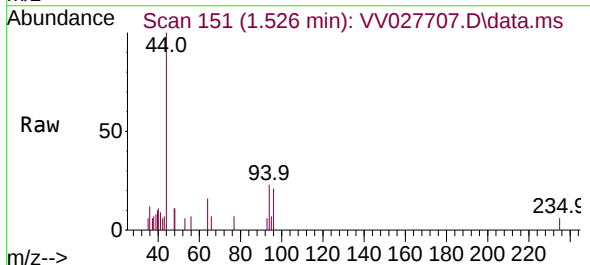
Instrument :
MSVOA_V
ClientSampleId :

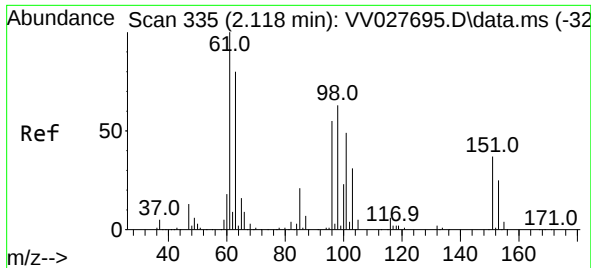
Tgt Ion: 50 Resp: 1362
Ion Ratio Lower Upper
50 100
52 25.8 23.5 43.7



#6
Bromomethane
Concen: 0.077 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.003 min
Lab File: VV027707.D
Acq: 02 Sep 2022 08:20

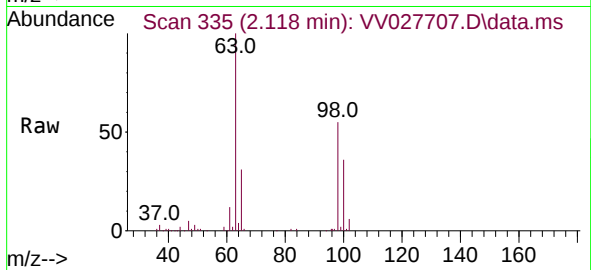
Tgt Ion: 94 Resp: 571
Ion Ratio Lower Upper
94 100
96 91.1 65.1 120.9



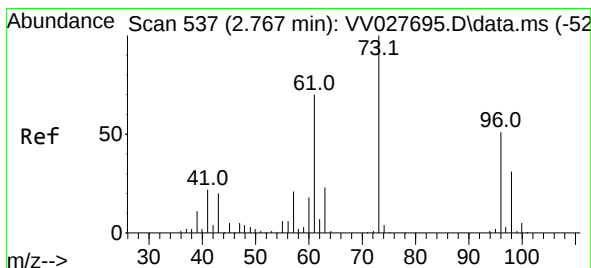
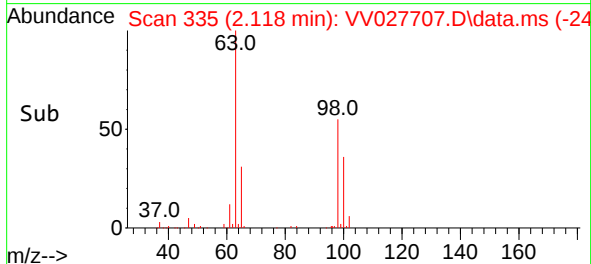
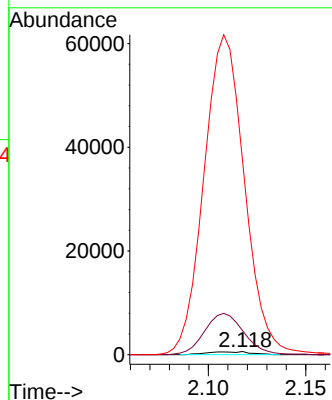


#12
 1,1-Dichloroethene
 Concen: 0.082 ug/L
 RT: 2.118 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VV027707.D
 Acq: 02 Sep 2022 08:20

Instrument :
 MSVOA_V
 ClientSampleId :

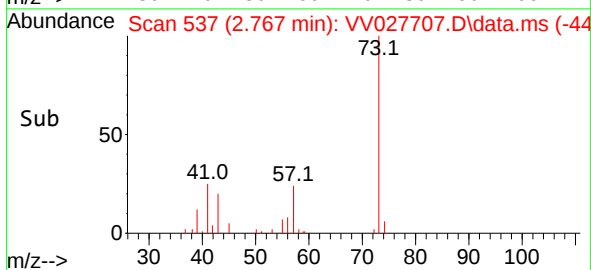
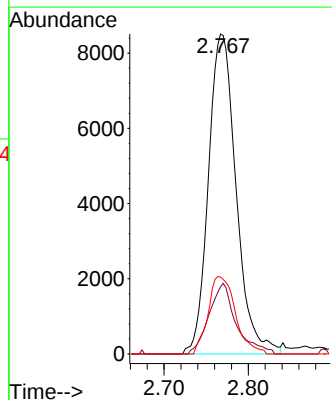
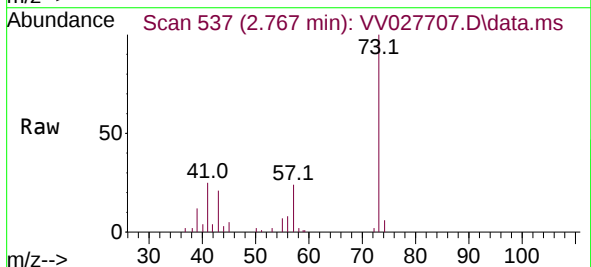


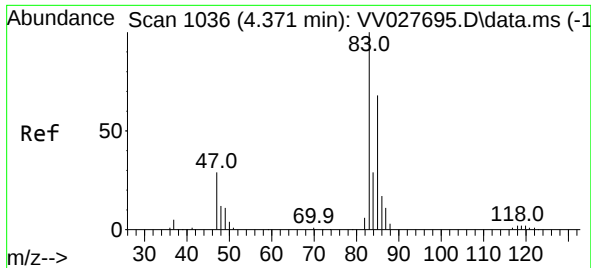
Tgt Ion: 96 Resp: 875
 Ion Ratio Lower Upper
 96 100
 61 732.0 134.3 249.3#
 63 5905.5 105.7 196.3#



#17
 Methyl tert-butyl Ether
 Concen: 0.854 ug/L
 RT: 2.767 min Scan# 537
 Delta R.T. 0.000 min
 Lab File: VV027707.D
 Acq: 02 Sep 2022 08:20

Tgt Ion: 73 Resp: 19437
 Ion Ratio Lower Upper
 73 100
 43 21.6 16.5 24.7
 57 23.9 18.2 27.2

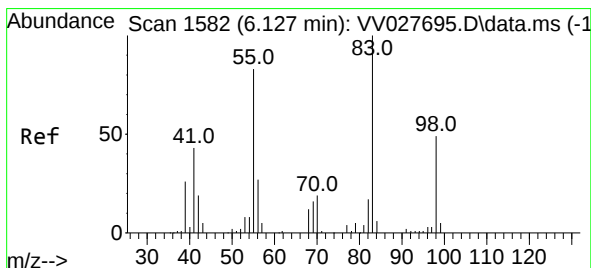
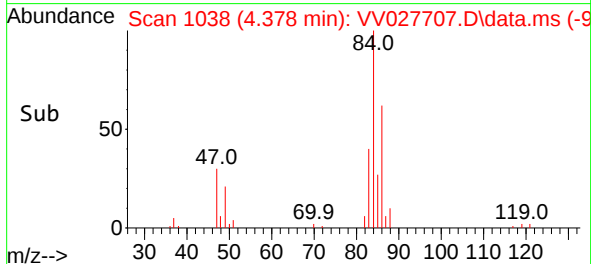
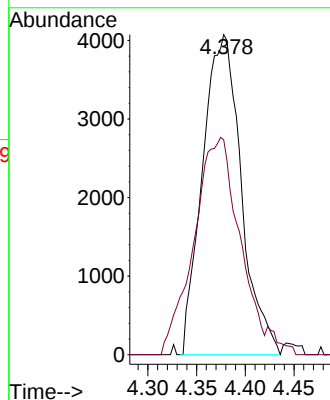
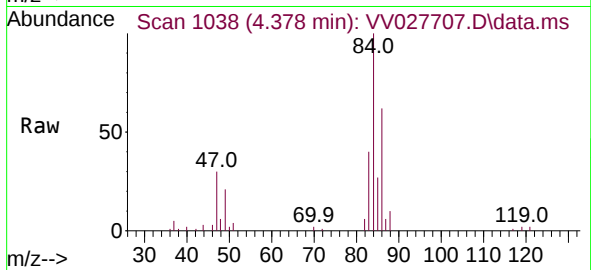




#25
Chloroform
Concen: 0.453 ug/L
RT: 4.378 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV027707.D
Acq: 02 Sep 2022 08:20

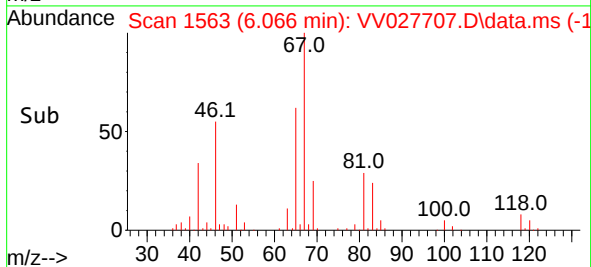
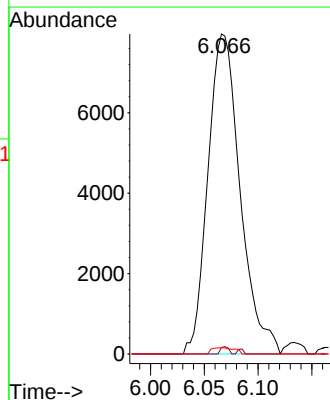
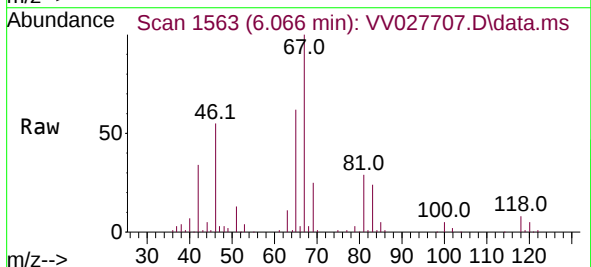
Instrument :
MSVOA_V
ClientSampleId :

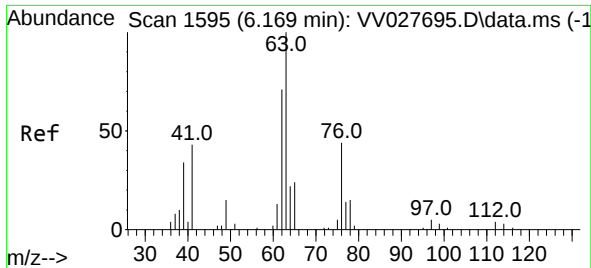
Tgt Ion: 83 Resp: 11247
Ion Ratio Lower Upper
83 100
85 67.2 44.7 83.1



#35
Methylcyclohexane
Concen: 0.896 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV027707.D
Acq: 02 Sep 2022 08:20

Tgt Ion: 83 Resp: 16582
Ion Ratio Lower Upper
83 100
55 0.6 66.0 99.0#
98 1.4 36.9 55.3#

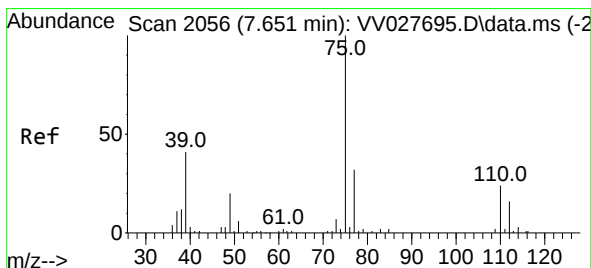
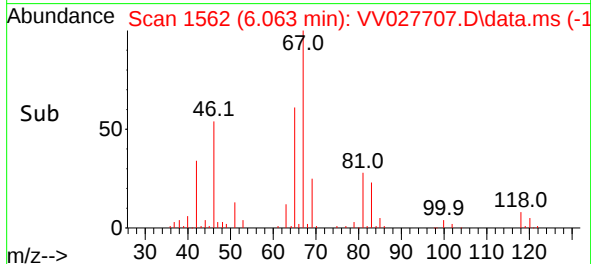
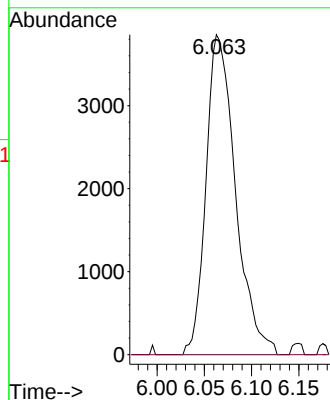
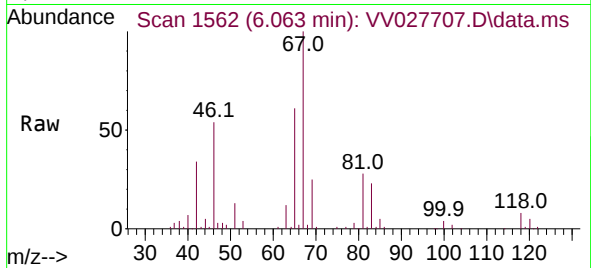




#37
1,2-Dichloropropane
Concen: 0.683 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.106 min
Lab File: VV027707.D
Acq: 02 Sep 2022 08:20

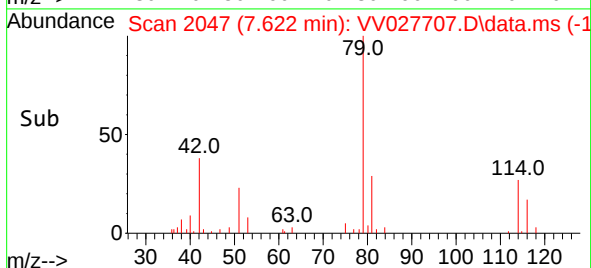
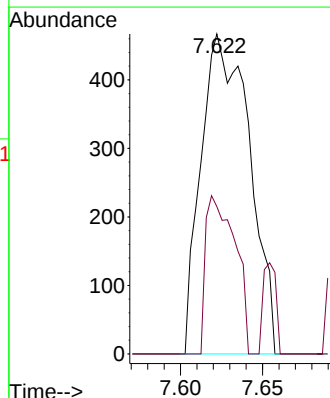
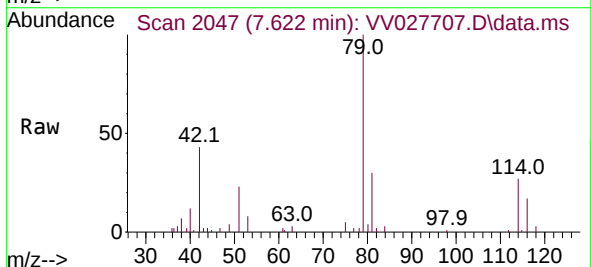
Instrument :
MSVOA_V
ClientSampleId :

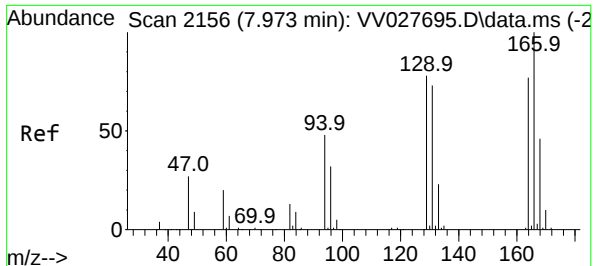
Tgt Ion: 63 Resp: 8371
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#



#44
trans-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.029 min
Lab File: VV027707.D
Acq: 02 Sep 2022 08:20

Tgt Ion: 75 Resp: 957
Ion Ratio Lower Upper
75 100
77 46.0 22.0 41.0#





#47

Tetrachloroethene

Concen: 0.573 ug/L

RT: 7.979 min Scan# 2157

Delta R.T. 0.006 min

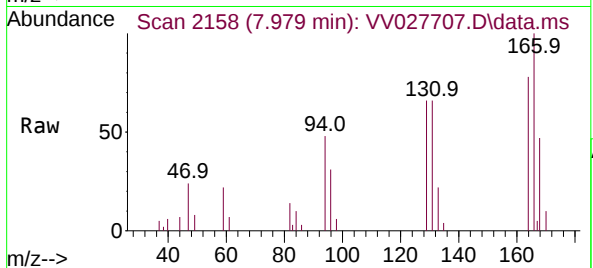
Lab File: VV027707.D

Acq: 02 Sep 2022 08:20

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 5544

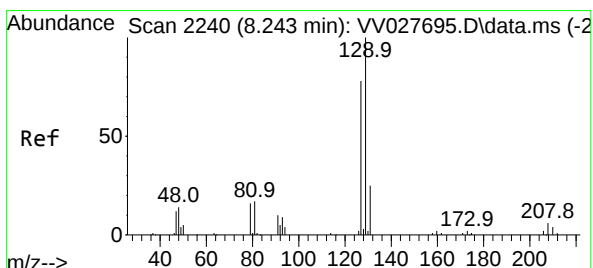
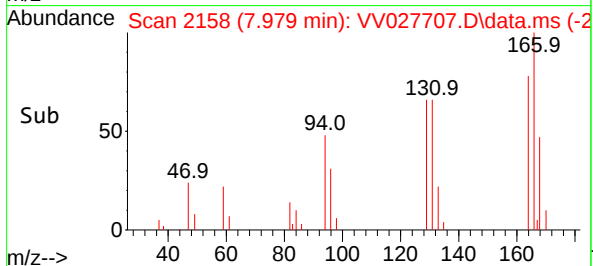
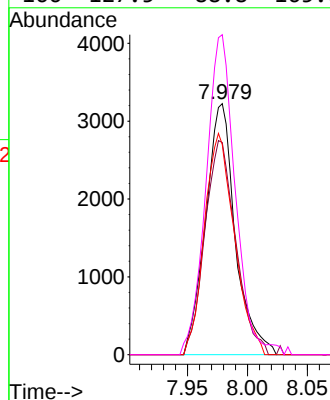
Ion Ratio Lower Upper

164 100

129 84.5 65.9 122.3

131 83.7 64.5 119.7

166 127.5 88.8 165.0



#49

Dibromochloromethane

Concen: 0.521 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV027707.D

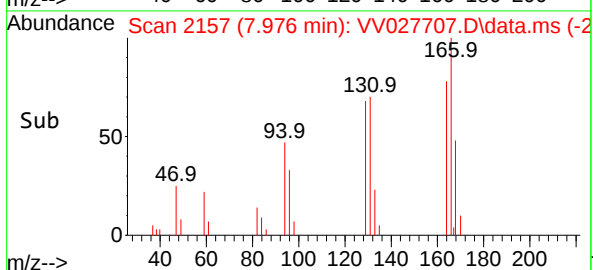
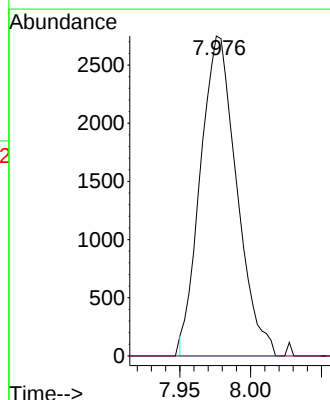
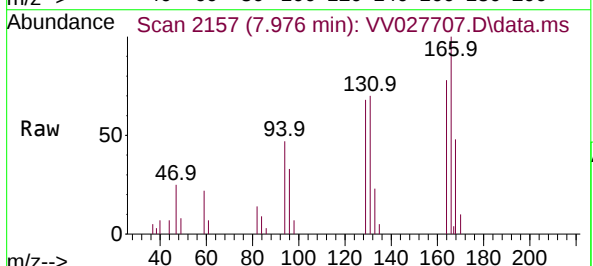
Acq: 02 Sep 2022 08:20

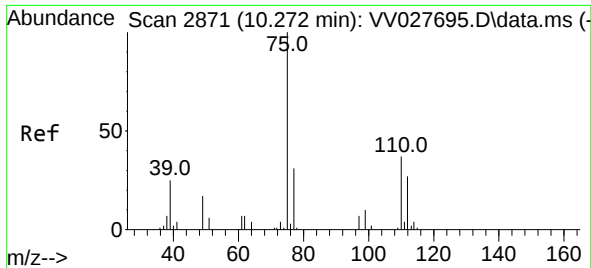
Tgt Ion:129 Resp: 4883

Ion Ratio Lower Upper

129 100

127 0.0 52.4 97.4#

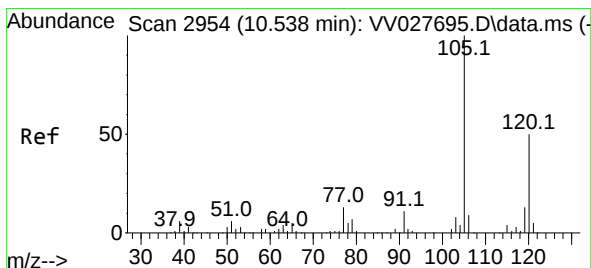
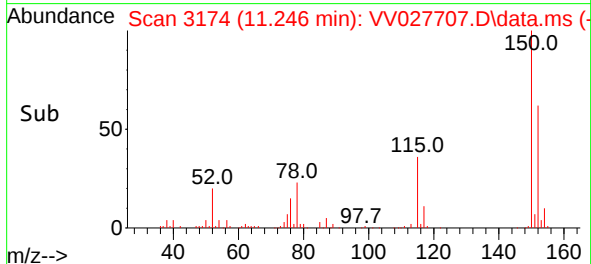
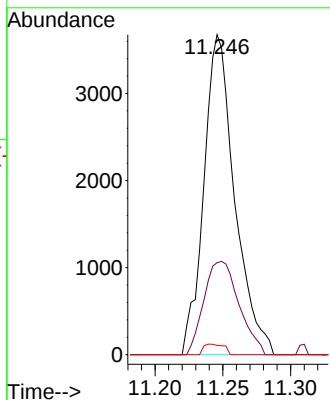
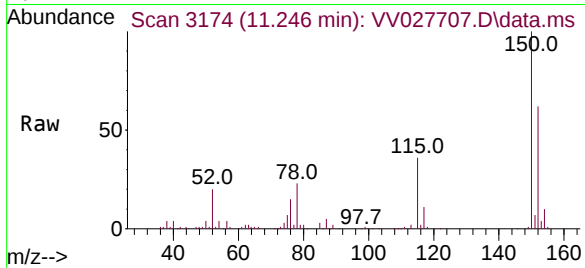




#61
1,2,3-Trichloropropane
Concen: 1.065 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV027707.D
Acq: 02 Sep 2022 08:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 5818
Ion Ratio Lower Upper
75 100
77 33.2 25.8 38.6
110 2.2 29.8 44.8#



#62
1,3,5-Trimethylbenzene
Concen: 0.033 ug/L
RT: 10.931 min Scan# 3076
Delta R.T. 0.392 min
Lab File: VV027707.D
Acq: 02 Sep 2022 08:20

Tgt Ion: 105 Resp: 372
Ion Ratio Lower Upper
105 100
120 45.2 40.4 60.6

