

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042522\
 Data File : VW025705.D
 Acq On : 25 Apr 2022 10:39
 Operator : SY/MD
 Sample : N2530-06
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 26 06:33:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 26 06:32:17 2022
 Response via : Initial Calibration

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

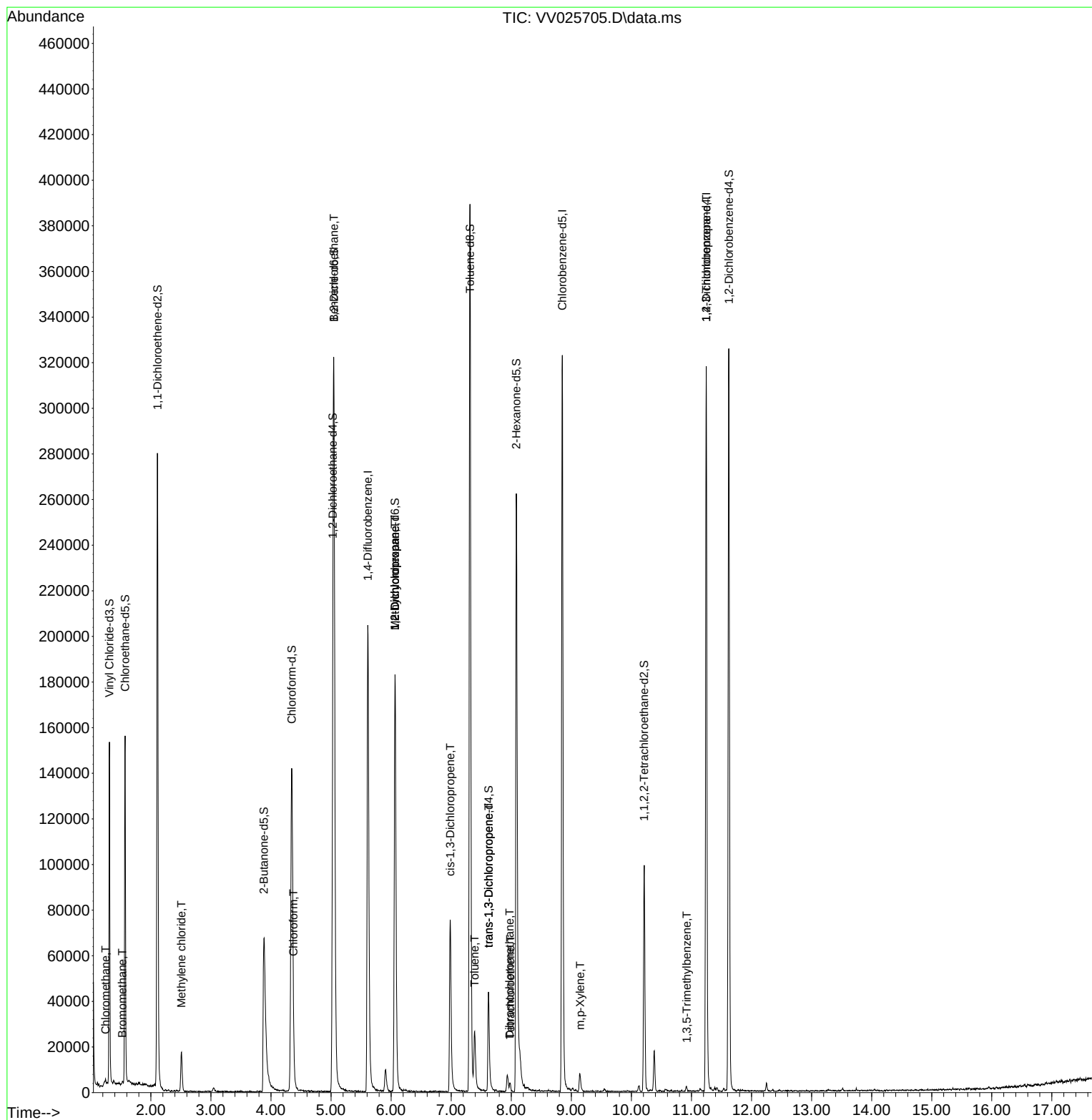
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	177608	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	179195	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	79099	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	95014	5.754	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.000%
7) Chloroethane-d5	1.571	69	94701	5.391	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.800%
11) 1,1-Dichloroethene-d2	2.111	63	148560	4.491	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.800%
20) 2-Butanone-d5	3.883	46	119309	59.400	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.800%
24) Chloroform-d	4.346	84	146498	5.871	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.400%
26) 1,2-Dichloroethane-d4	5.030	65	67461	6.275	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	125.400%
32) Benzene-d6	5.047	84	303345	5.851	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.000%
36) 1,2-Dichloropropane-d6	6.066	67	87201	6.031	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	120.600%
41) Toluene-d8	7.313	98	258055	5.363	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.200%
43) trans-1,3-Dichloroprop...	7.622	79	25514	5.250	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.000%
46) 2-Hexanone-d5	8.085	63	87881	51.520	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.040%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	47028	5.148	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	82487	6.220	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	124.400%#
Target Compounds						Qvalue
3) Chloromethane	1.246	50	761	0.044	ug/L	99
6) Bromomethane	1.523	94	602	0.042	ug/L #	69
16) Methylene chloride	2.510	84	7132	0.478	ug/L	98
25) Chloroform	4.375	83	3072	0.133	ug/L	97
27) 1,2-Dichloroethane	5.047	62	1621	0.133	ug/L #	71
35) Methylcyclohexane	6.066	83	21082	0.940	ug/L #	22
37) 1,2-Dichloropropane	6.066	63	9955	0.813	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	2258	0.141	ug/L #	60
42) Toluene	7.391	91	19845	0.345	ug/L	99
44) trans-1,3-Dichloropropene	7.622	75	1317	0.106	ug/L #	79
47) Tetrachloroethene	7.985	164	856	0.078	ug/L	75
49) Dibromochloromethane	7.976	129	855	0.095	ug/L #	11
53) m,p-Xylene	9.146	106	2552	0.109	ug/L	99
61) 1,2,3-Trichloropropane	11.246	75	10369	1.990	ug/L #	64
62) 1,3,5-Trimethylbenzene	10.921	105	786	0.036	ug/L	95

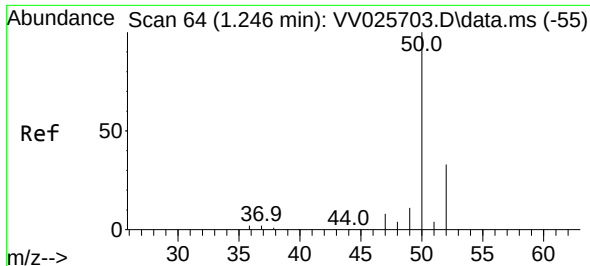
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_V
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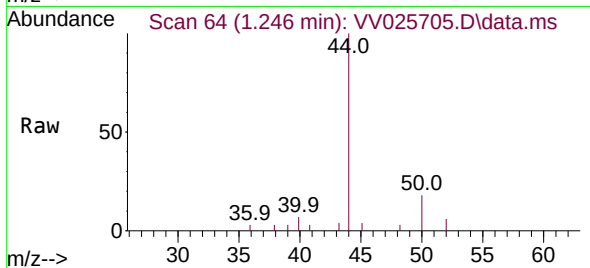
Quant Time: Apr 26 06:33:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Apr 26 06:32:17 2022
Response via : Initial Calibration



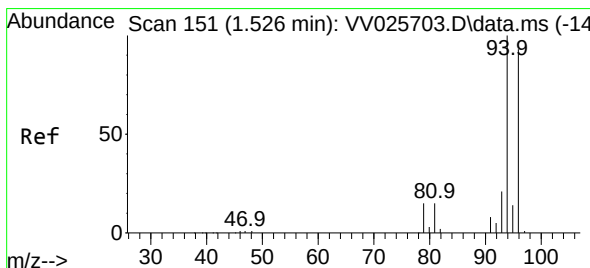
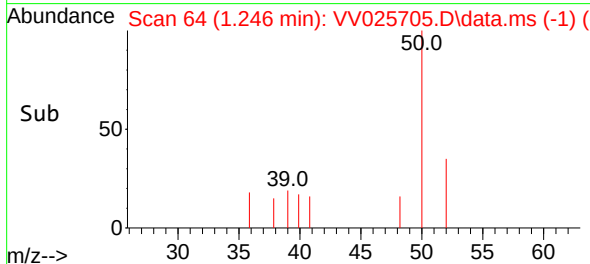
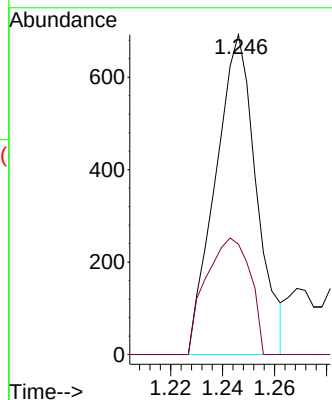


#3
Chloromethane
Concen: 0.044 ug/L
RT: 1.246 min Scan# 64
Delta R.T. -0.000 min
Lab File: VV025705.D
Acq: 25 Apr 2022 10:39

Instrument :
MSVOA_V
ClientSampleId :

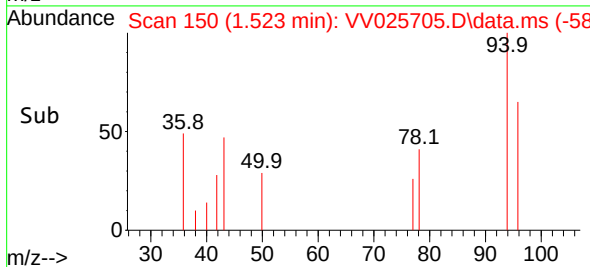
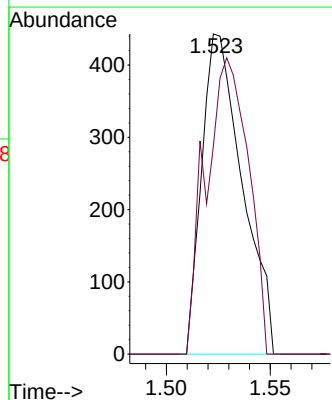
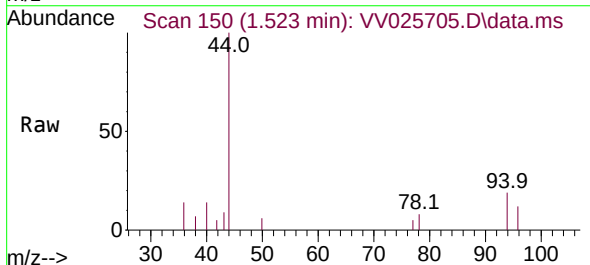


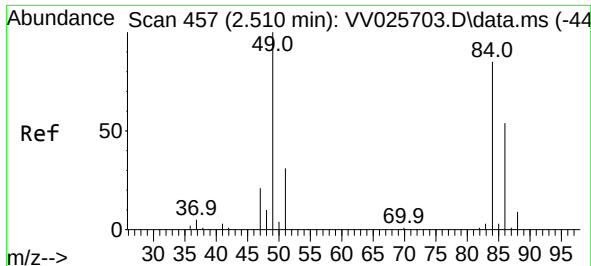
Tgt Ion: 50 Resp: 761
Ion Ratio Lower Upper
50 100
52 34.5 23.7 43.9



#6
Bromomethane
Concen: 0.042 ug/L
RT: 1.523 min Scan# 150
Delta R.T. -0.003 min
Lab File: VV025705.D
Acq: 25 Apr 2022 10:39

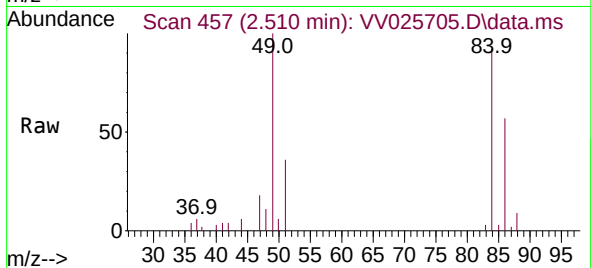
Tgt Ion: 94 Resp: 602
Ion Ratio Lower Upper
94 100
96 64.8 66.1 122.7#





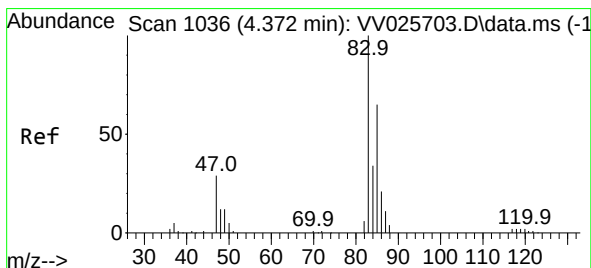
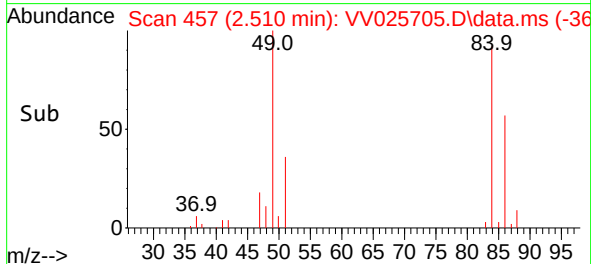
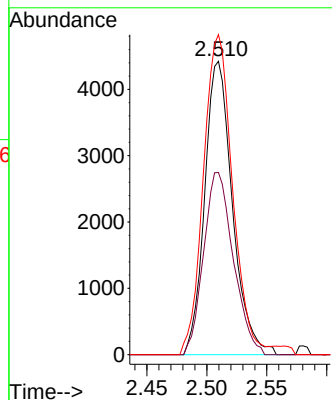
#16
Methylene chloride
Concen: 0.478 ug/L
RT: 2.510 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV025705.D
Acq: 25 Apr 2022 10:39

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 7132

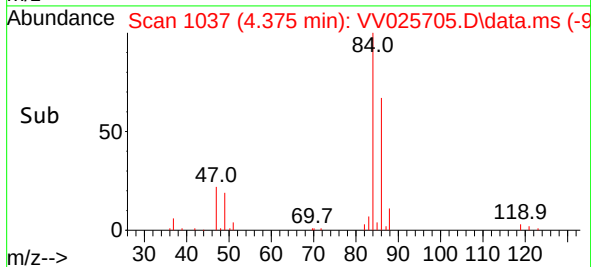
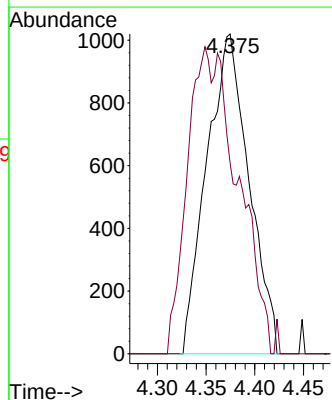
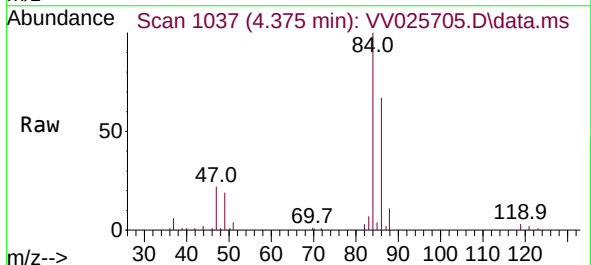
Ion	Ratio	Lower	Upper
84	100		
86	62.1	45.9	85.3
49	109.0	76.6	142.3

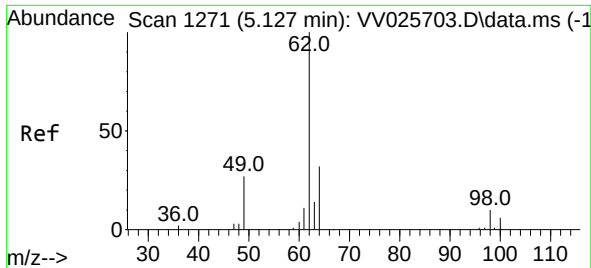


#25
Chloroform
Concen: 0.133 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV025705.D
Acq: 25 Apr 2022 10:39

Tgt Ion: 83 Resp: 3072

Ion	Ratio	Lower	Upper
83	100		
85	59.7	43.5	80.7





#27

1,2-Dichloroethane

Concen: 0.133 ug/L

RT: 5.047 min Scan# 1

Delta R.T. -0.081 min

Lab File: VV025705.D

Acq: 25 Apr 2022 10:39

Instrument :

MSVOA_V

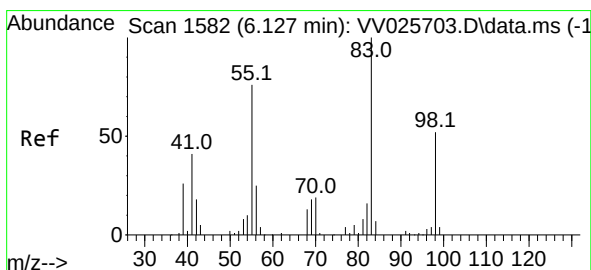
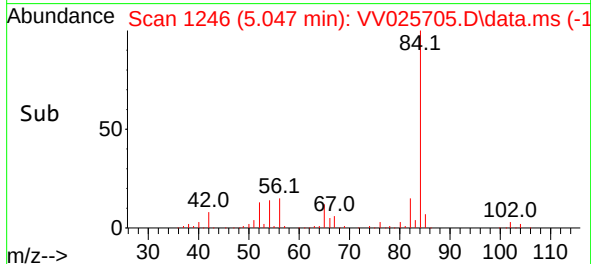
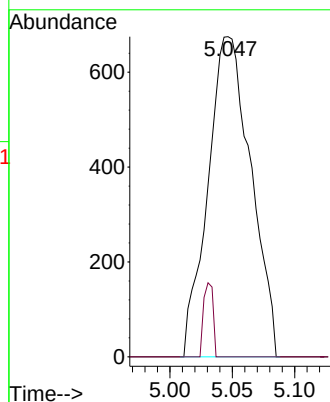
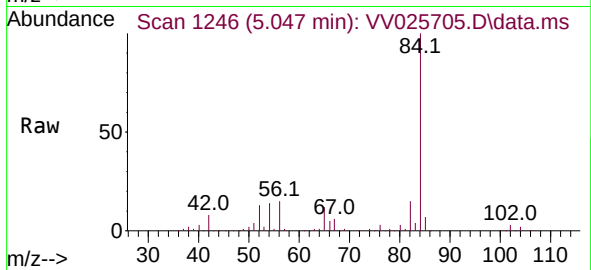
ClientSampleId :

Tgt Ion: 62 Resp: 1621

Ion Ratio Lower Upper

62 100

98 0.0 8.8 13.2#



#35

Methylcyclohexane

Concen: 0.940 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV025705.D

Acq: 25 Apr 2022 10:39

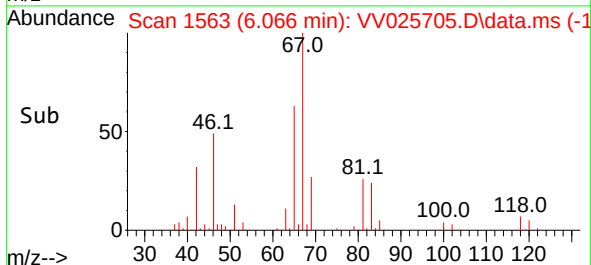
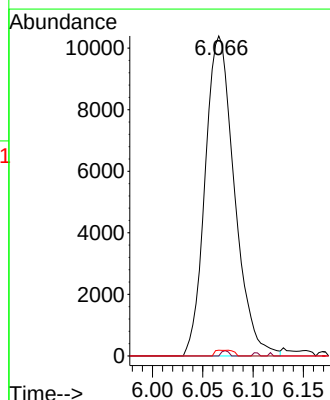
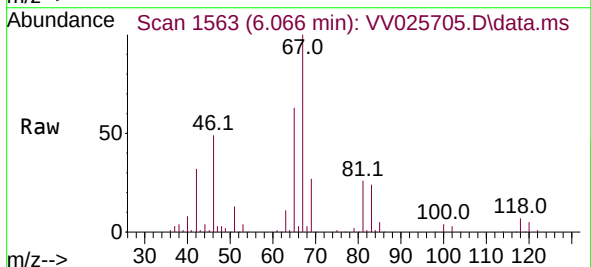
Tgt Ion: 83 Resp: 21082

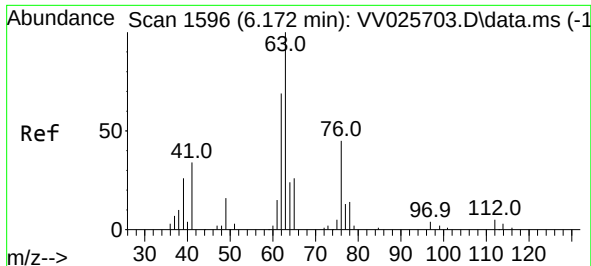
Ion Ratio Lower Upper

83 100

55 0.4 53.7 80.5#

98 1.1 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.813 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV025705.D

Acq: 25 Apr 2022 10:39

Instrument :

MSVOA_V

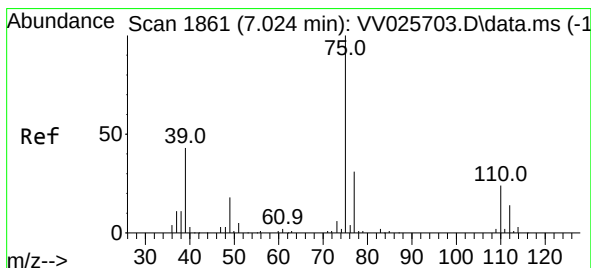
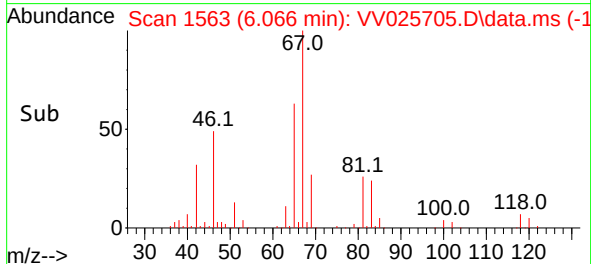
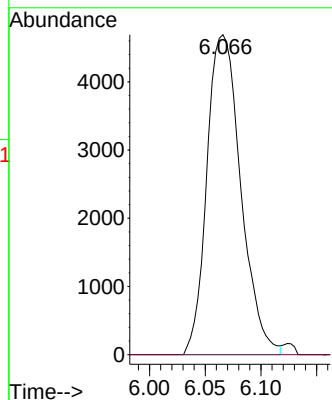
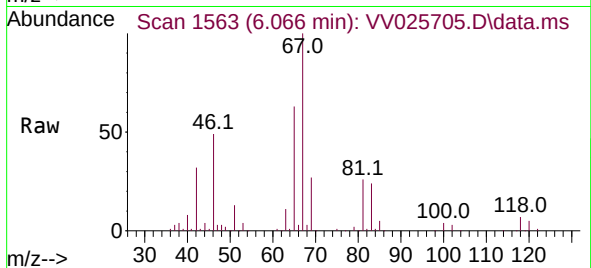
ClientSampleId :

Tgt Ion: 63 Resp: 9955

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.141 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.039 min

Lab File: VV025705.D

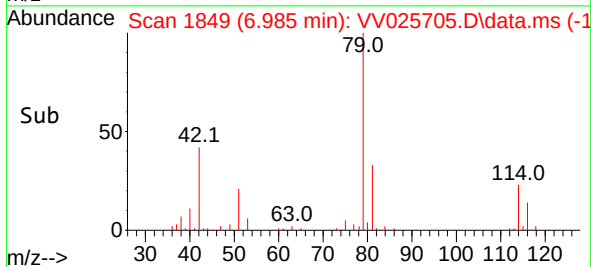
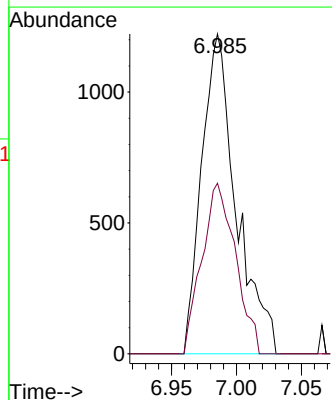
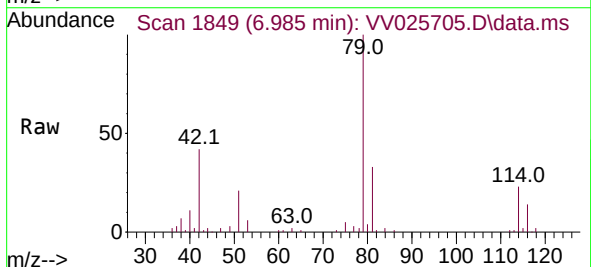
Acq: 25 Apr 2022 10:39

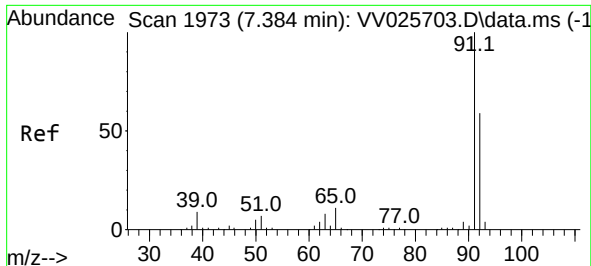
Tgt Ion: 75 Resp: 2258

Ion Ratio Lower Upper

75 100

77 53.4 21.8 40.6#





#42

Toluene

Concen: 0.345 ug/L

RT: 7.391 min Scan# 1973

Delta R.T. 0.006 min

Lab File: VV025705.D

Acq: 25 Apr 2022 10:39

Instrument :

MSVOA_V

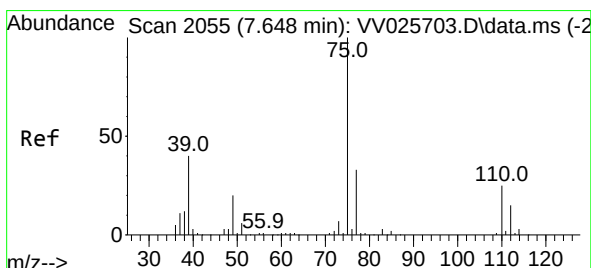
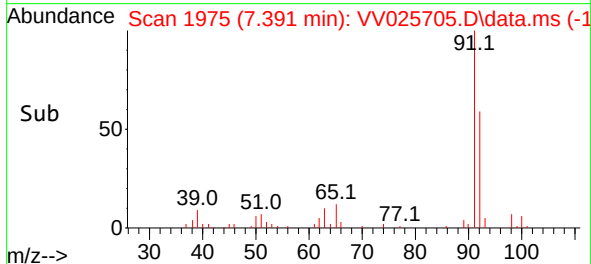
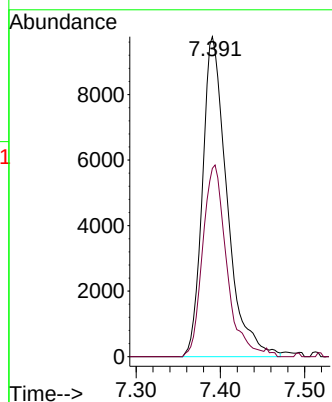
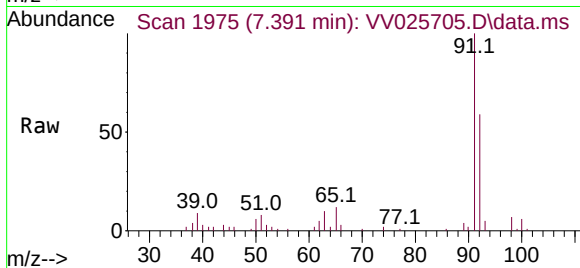
ClientSampleId :

Tgt Ion: 91 Resp: 19845

Ion Ratio Lower Upper

91 100

92 58.9 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 0.106 ug/L

RT: 7.622 min Scan# 2047

Delta R.T. -0.026 min

Lab File: VV025705.D

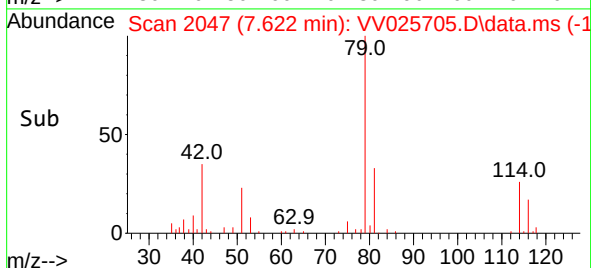
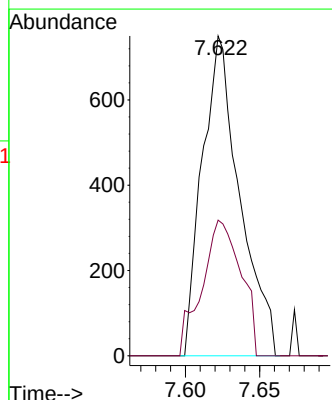
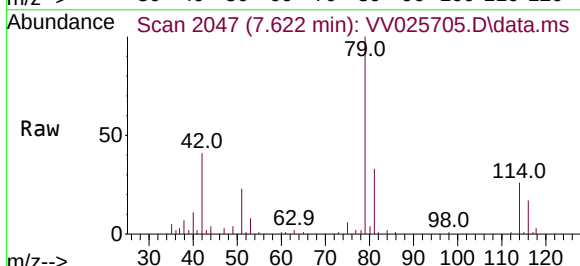
Acq: 25 Apr 2022 10:39

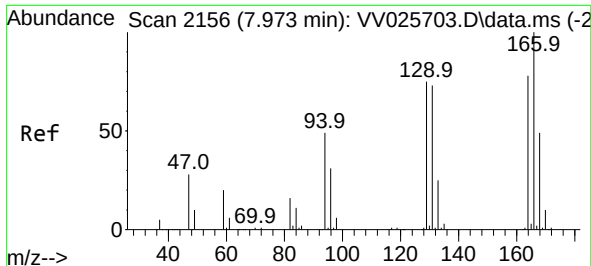
Tgt Ion: 75 Resp: 1317

Ion Ratio Lower Upper

75 100

77 42.4 21.7 40.3#





#47

Tetrachloroethene

Concen: 0.078 ug/L

RT: 7.985 min Scan# 2156

Delta R.T. 0.013 min

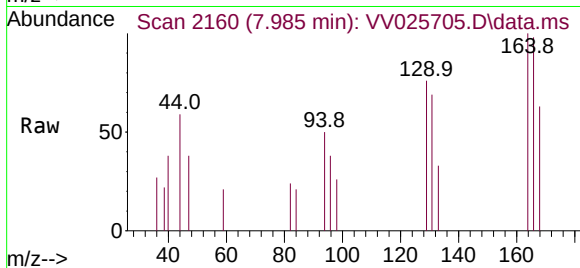
Lab File: VV025705.D

Acq: 25 Apr 2022 10:39

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 856

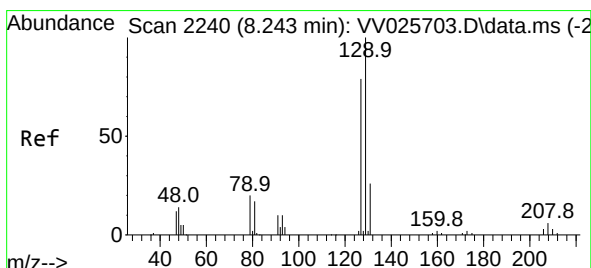
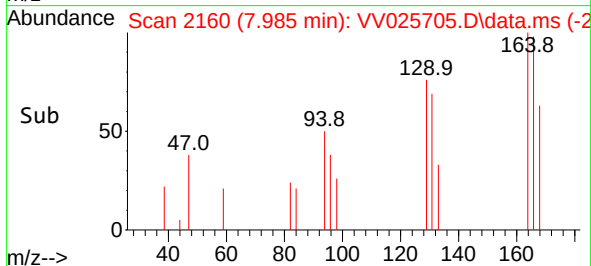
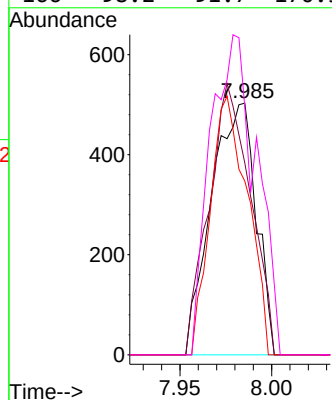
Ion Ratio Lower Upper

164 100

129 76.1 66.8 124.2

131 69.0 66.4 123.4

166 98.2 91.7 170.3



#49

Dibromochloromethane

Concen: 0.095 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV025705.D

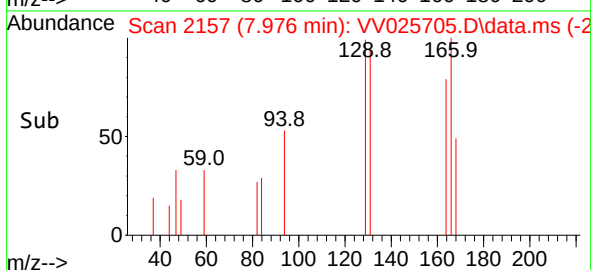
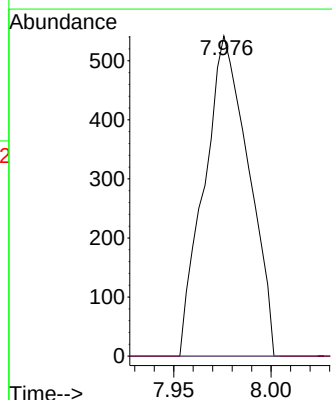
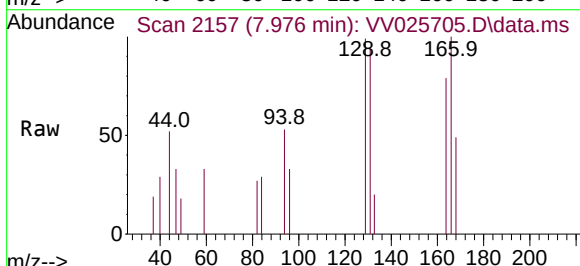
Acq: 25 Apr 2022 10:39

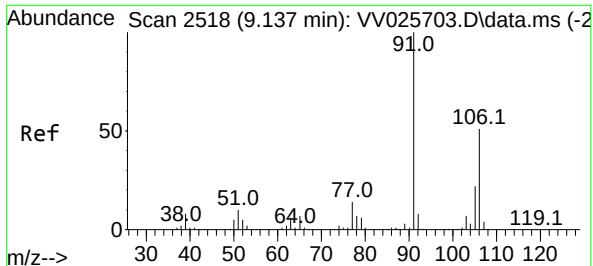
Tgt Ion:129 Resp: 855

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#

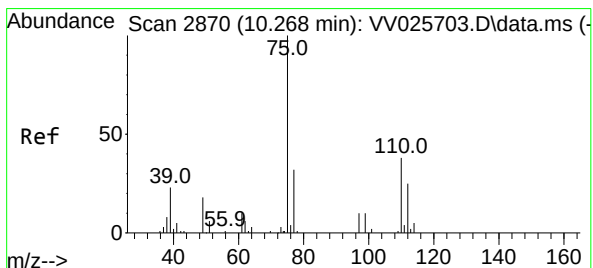
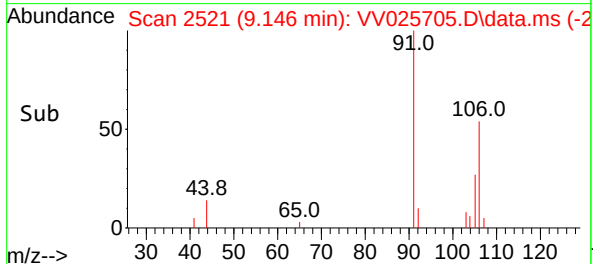
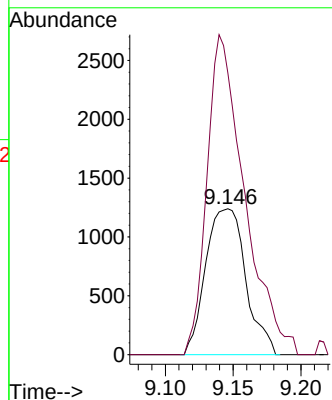
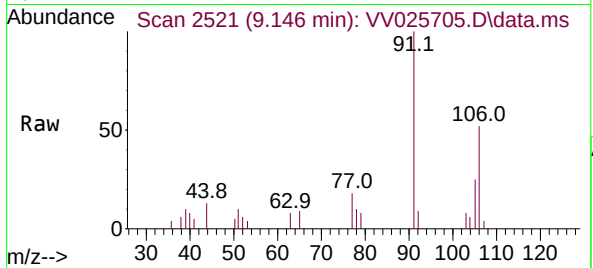




#53
m,p-Xylene
Concen: 0.109 ug/L
RT: 9.146 min Scan# 21
Delta R.T. 0.009 min
Lab File: VV025705.D
Acq: 25 Apr 2022 10:39

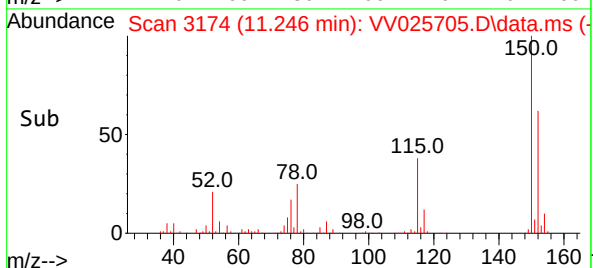
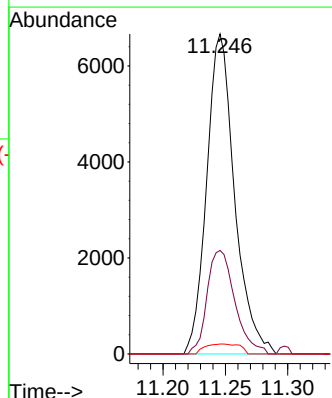
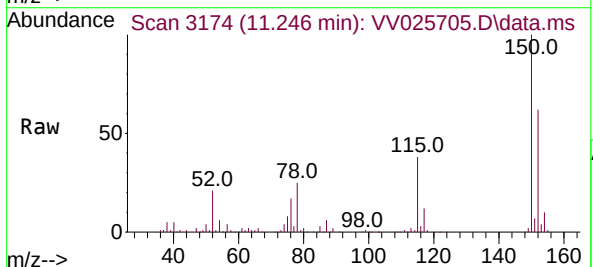
Instrument :
MSVOA_V
ClientSampleId :

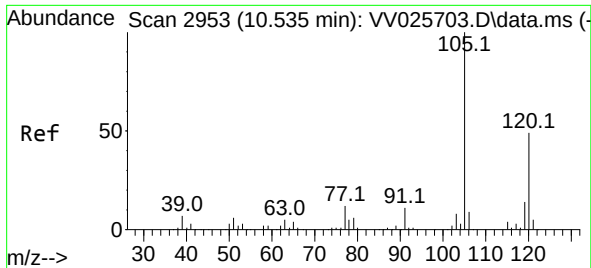
Tgt Ion:106 Resp: 2552
Ion Ratio Lower Upper
106 100
91 193.0 136.4 253.4



#61
1,2,3-Trichloropropane
Concen: 1.990 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.977 min
Lab File: VV025705.D
Acq: 25 Apr 2022 10:39

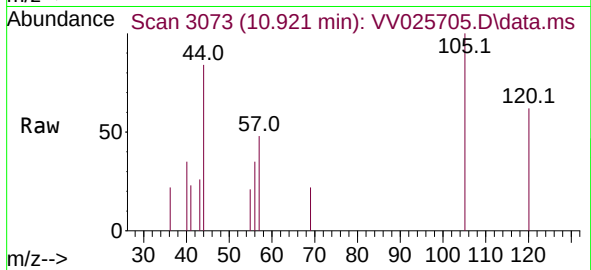
Tgt Ion: 75 Resp: 10369
Ion Ratio Lower Upper
75 100
77 32.2 25.6 38.4
110 3.9 34.7 52.1#





#62
 1,3,5-Trimethylbenzene
 Concen: 0.036 ug/L
 RT: 10.921 min Scan# 30
 Delta R.T. 0.386 min
 Lab File: VV025705.D
 Acq: 25 Apr 2022 10:39

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:105 Resp: 786
 Ion Ratio Lower Upper
 105 100
 120 53.1 39.6 59.4

