

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042522\
 Data File : VW025720.D
 Acq On : 25 Apr 2022 16:41
 Operator : SY/MD
 Sample : N2530-04RE
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 26 06:36:49 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)

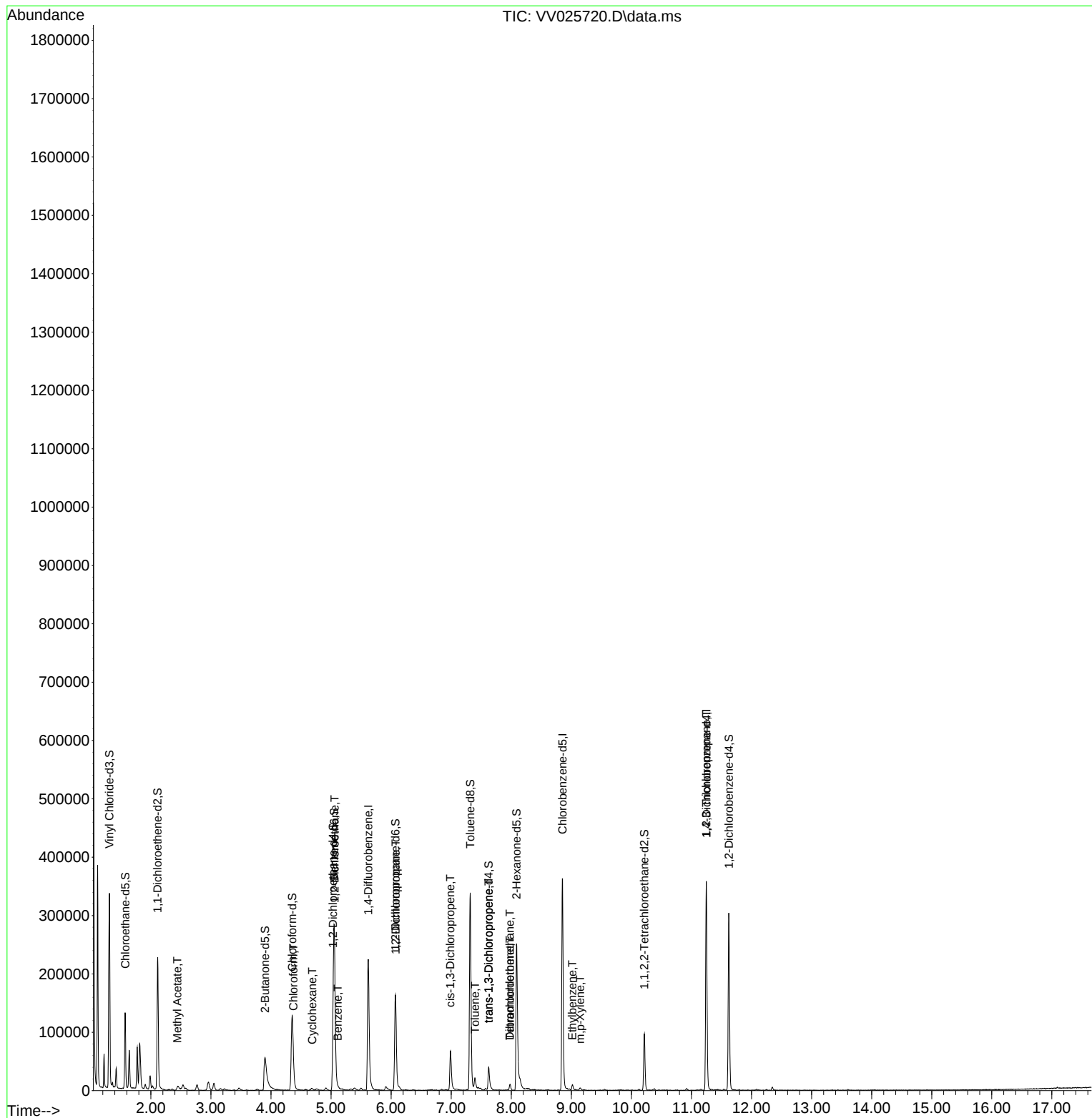
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	196429	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	200399	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	94198	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	78153	4.279	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.600%
7) Chloroethane-d5	1.574	69	75721	3.897	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.000%
11) 1,1-Dichloroethene-d2	2.114	63	120622	3.297	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.000%
20) 2-Butanone-d5	3.902	46	117315	52.811	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.620%
24) Chloroform-d	4.355	84	133323	4.831	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.034	65	61201	5.147	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.053	84	267049	4.606	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.072	67	81556	5.043	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.317	98	225936	4.199	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	7.625	79	23286	4.284	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.088	63	85174	44.650	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.300%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	46226	4.525	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	74385	4.710	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
					Qvalue	
15) Methyl Acetate	2.439	43	1554	0.464	ug/L #	43
25) Chloroform	4.375	83	3379	0.132	ug/L	90
27) 1,2-Dichloroethane	5.059	62	1824	0.135	ug/L #	71
30) Cyclohexane	4.690	56	1329	0.062	ug/L #	49
33) Benzene	5.111	78	3675	0.062	ug/L	100
37) 1,2-Dichloropropane	6.075	63	9094	0.664	ug/L #	87
39) cis-1,3-Dichloropropene	6.985	75	1864	0.104	ug/L #	32
42) Toluene	7.397	91	15351	0.238	ug/L	99
44) trans-1,3-Dichloropropene	7.625	75	1100	0.079	ug/L	90
47) Tetrachloroethene	7.979	164	2104	0.171	ug/L	97
49) Dibromochloromethane	7.979	129	2384	0.237	ug/L #	11
52) Ethylbenzene	9.017	91	6782	0.099	ug/L	96
53) m,p-Xylene	9.146	106	1190	0.046	ug/L	82
61) 1,2,3-Trichloropropane	11.246	75	11608	1.871	ug/L #	63

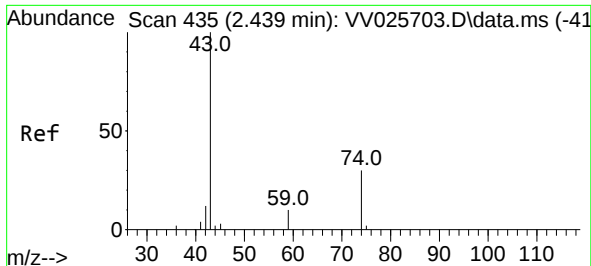
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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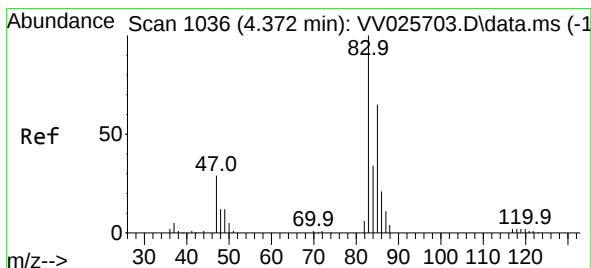
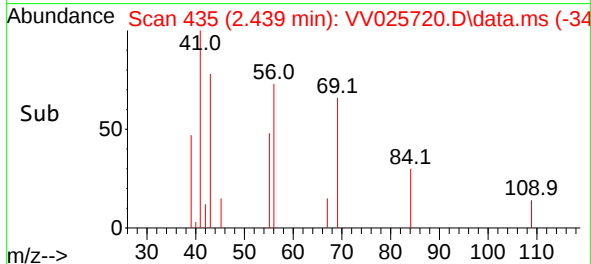
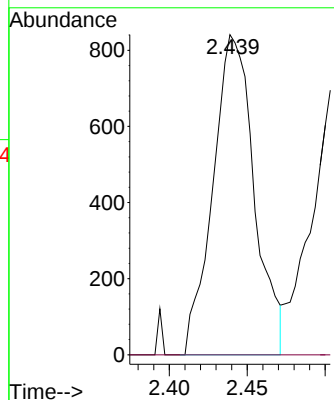
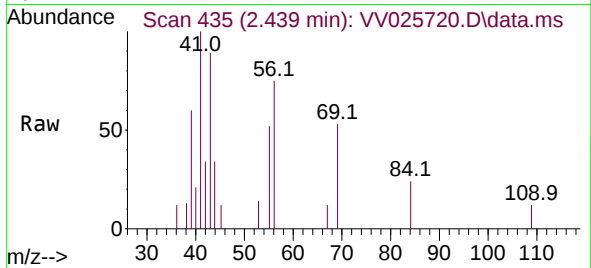




#15
Methyl Acetate
Concen: 0.464 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV025720.D
Acq: 25 Apr 2022 16:41

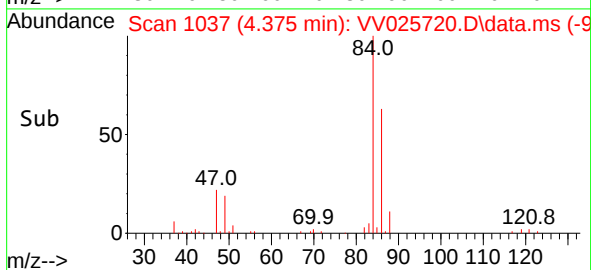
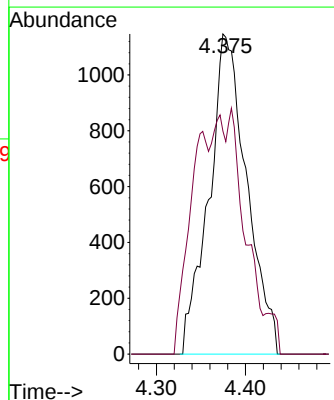
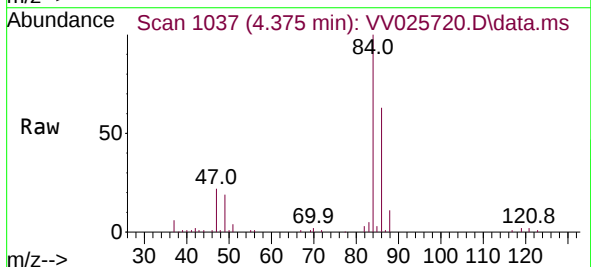
Instrument :
MSVOA_V
ClientSampleId :

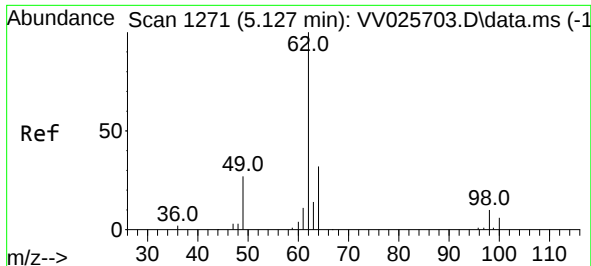
Tgt Ion: 43 Resp: 1554
Ion Ratio Lower Upper
43 100
74 0.0 25.2 37.8#



#25
Chloroform
Concen: 0.132 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV025720.D
Acq: 25 Apr 2022 16:41

Tgt Ion: 83 Resp: 3379
Ion Ratio Lower Upper
83 100
85 69.7 43.5 80.7





#27

1,2-Dichloroethane

Concen: 0.135 ug/L

RT: 5.059 min Scan# 1135

Delta R.T. -0.068 min

Lab File: VV025720.D

Acq: 25 Apr 2022 16:41

Instrument :

MSVOA_V

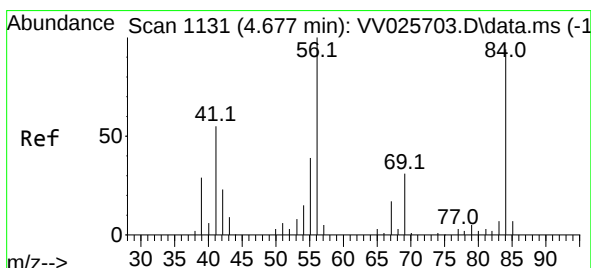
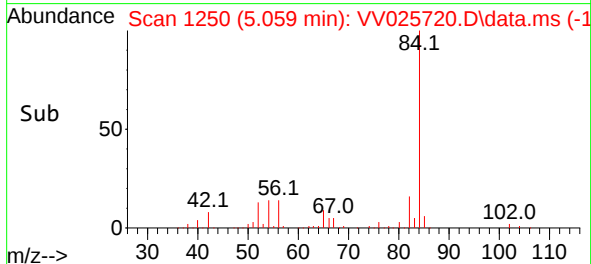
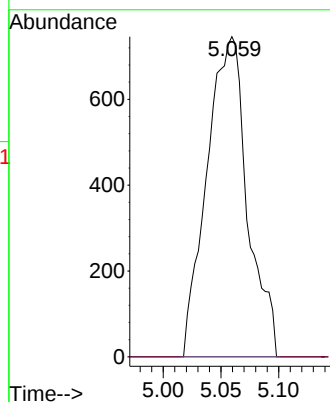
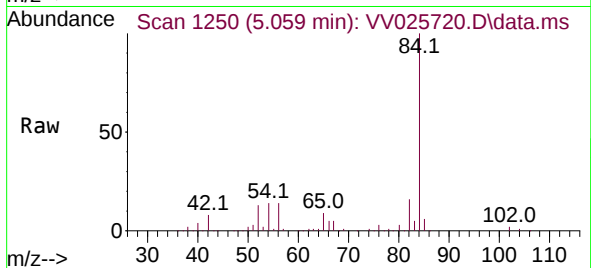
ClientSampleId :

Tgt Ion: 62 Resp: 1824

Ion Ratio Lower Upper

62 100

98 0.0 8.8 13.2#



#30

Cyclohexane

Concen: 0.062 ug/L

RT: 4.690 min Scan# 1135

Delta R.T. 0.013 min

Lab File: VV025720.D

Acq: 25 Apr 2022 16:41

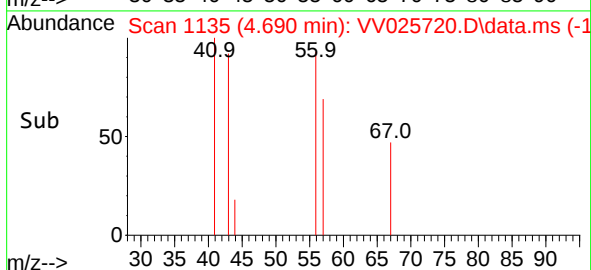
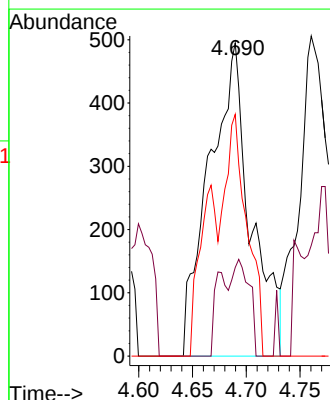
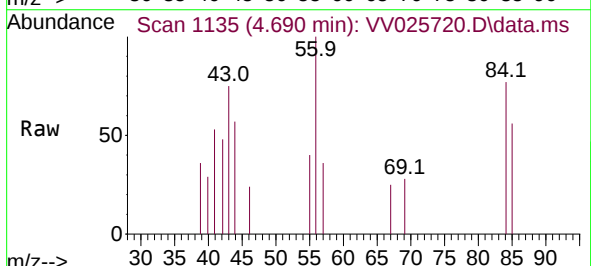
Tgt Ion: 56 Resp: 1329

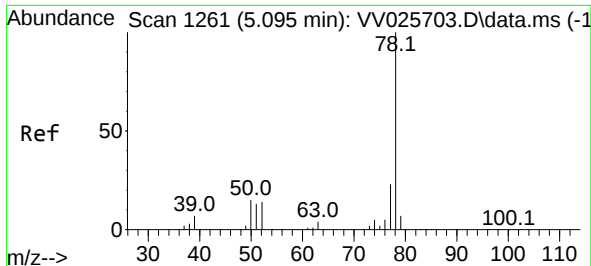
Ion Ratio Lower Upper

56 100

69 12.9 26.1 39.1#

84 42.4 78.6 118.0#

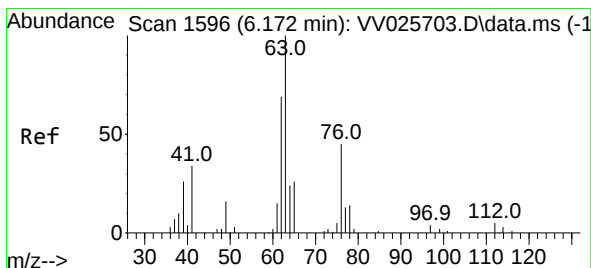
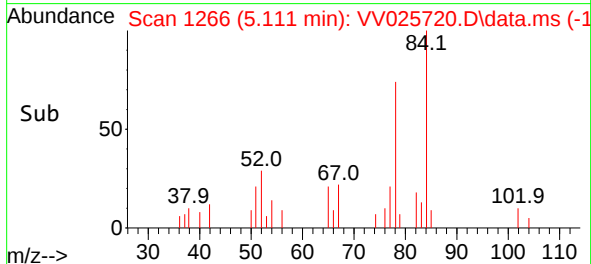
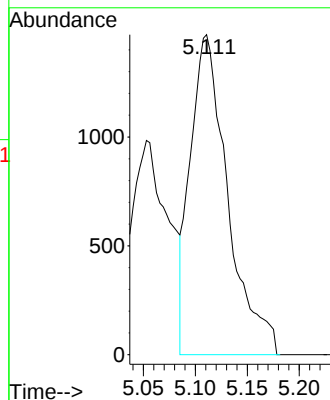
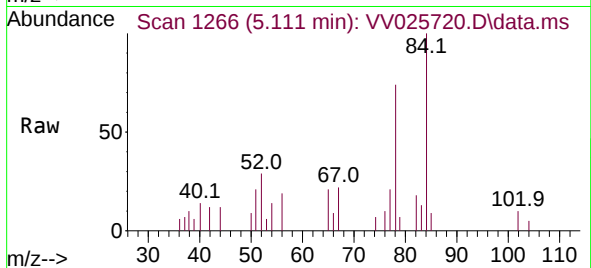




#33
Benzene
Concen: 0.062 ug/L
RT: 5.111 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV025720.D
Acq: 25 Apr 2022 16:41

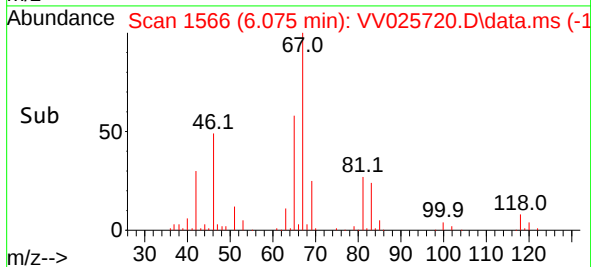
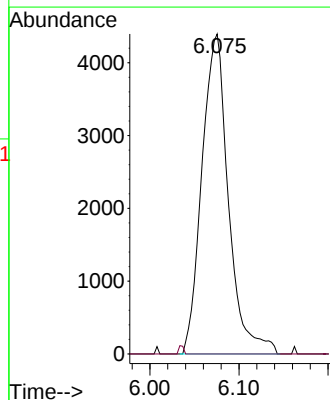
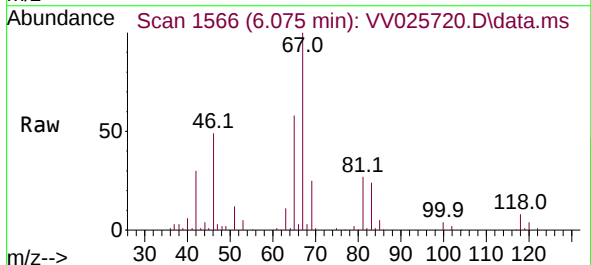
Instrument :
MSVOA_V
ClientSampleId :

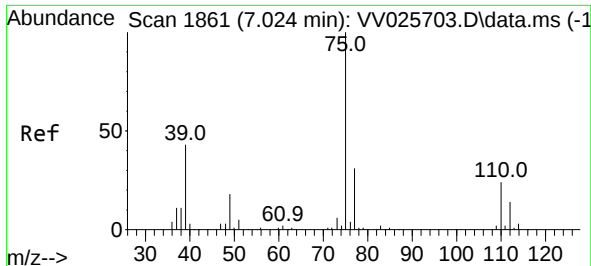
Tgt Ion: 78 Resp: 3675



#37
1,2-Dichloropropane
Concen: 0.664 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.097 min
Lab File: VV025720.D
Acq: 25 Apr 2022 16:41

Tgt Ion: 63 Resp: 9094
Ion Ratio Lower Upper
63 100
112 0.5 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.104 ug/L

RT: 6.985 min Scan# 1864

Delta R.T. -0.039 min

Lab File: VV025720.D

Acq: 25 Apr 2022 16:41

Instrument :

MSVOA_V

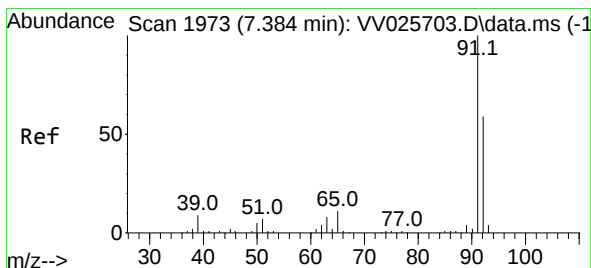
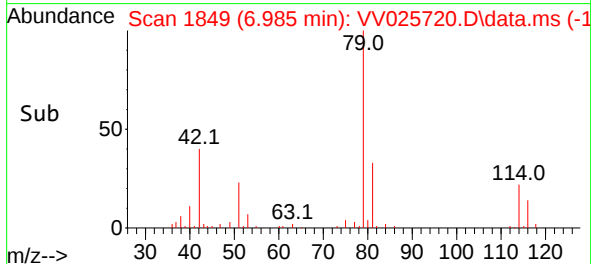
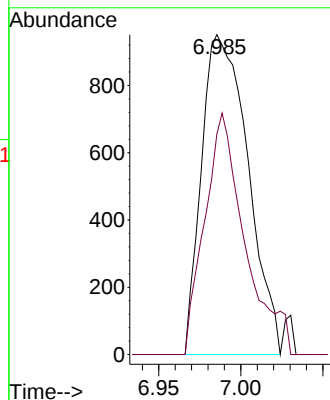
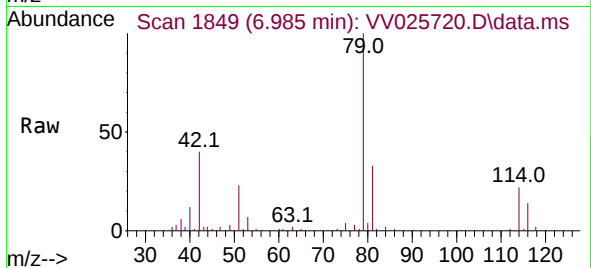
ClientSampleId :

Tgt Ion: 75 Resp: 1864

Ion Ratio Lower Upper

75 100

77 68.9 21.8 40.6#



#42

Toluene

Concen: 0.238 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.013 min

Lab File: VV025720.D

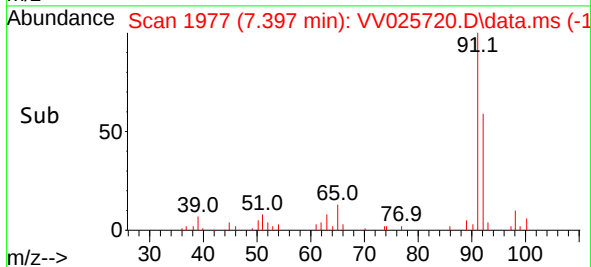
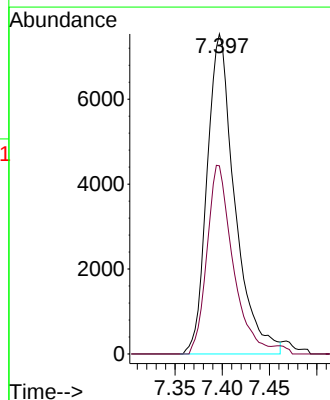
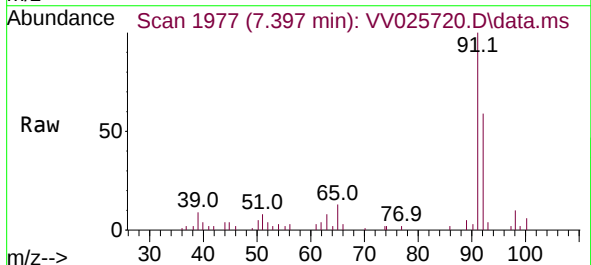
Acq: 25 Apr 2022 16:41

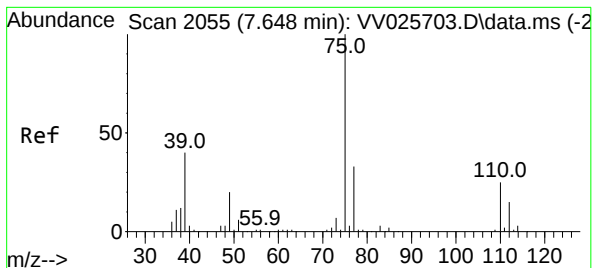
Tgt Ion: 91 Resp: 15351

Ion Ratio Lower Upper

91 100

92 58.8 40.8 75.8





#44

trans-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 7.625 min Scan# 2055

Delta R.T. -0.023 min

Lab File: VV025720.D

Acq: 25 Apr 2022 16:41

Instrument :

MSVOA_V

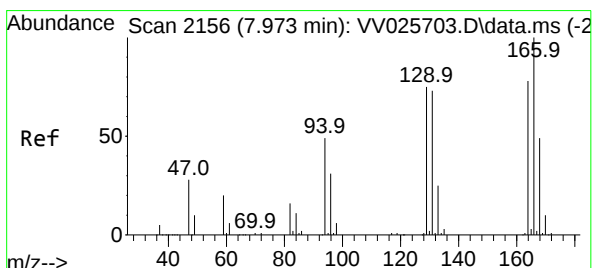
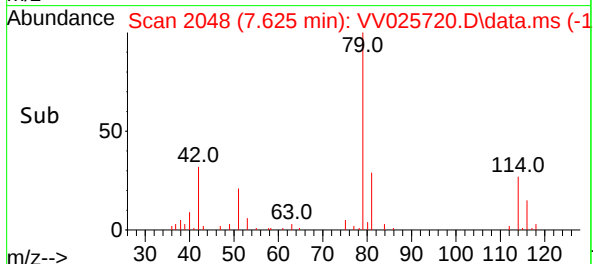
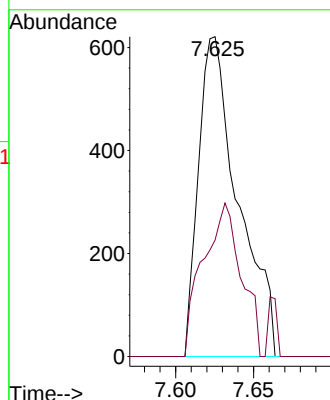
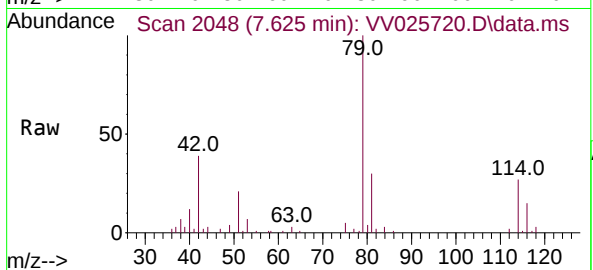
ClientSampleId :

Tgt Ion: 75 Resp: 1100

Ion Ratio Lower Upper

75 100

77 36.4 21.7 40.3



#47

Tetrachloroethene

Concen: 0.171 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV025720.D

Acq: 25 Apr 2022 16:41

Tgt Ion: 164 Resp: 2104

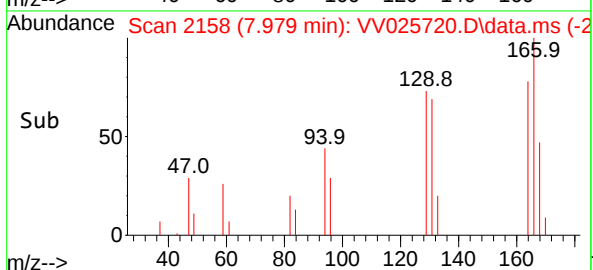
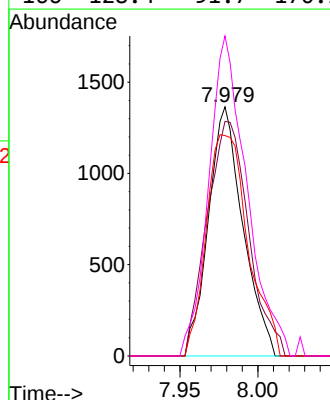
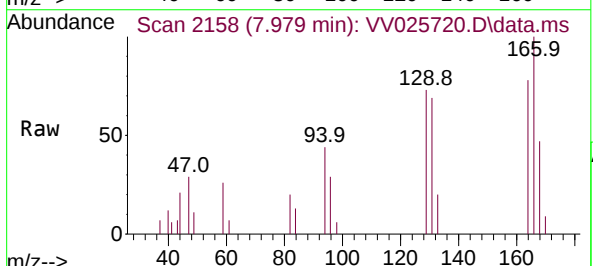
Ion Ratio Lower Upper

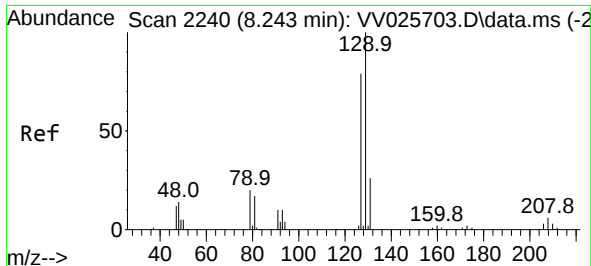
164 100

129 94.1 66.8 124.2

131 88.4 66.4 123.4

166 128.4 91.7 170.3





#49

Dibromochloromethane

Concen: 0.237 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV025720.D

Acq: 25 Apr 2022 16:41

Instrument :

MSVOA_V

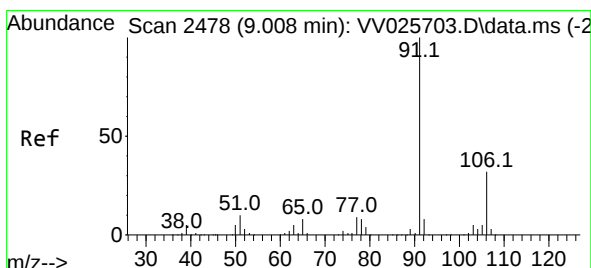
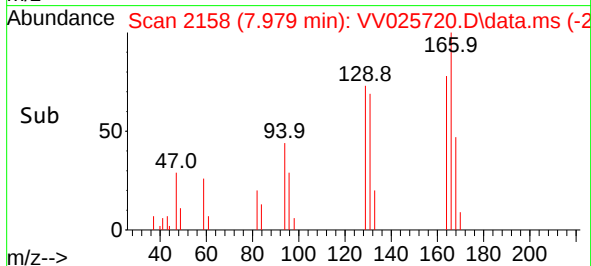
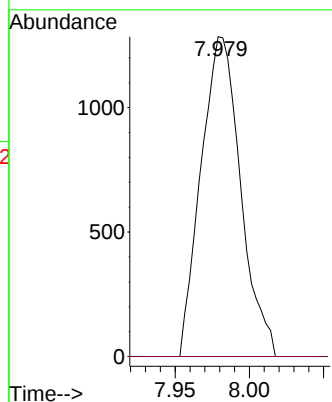
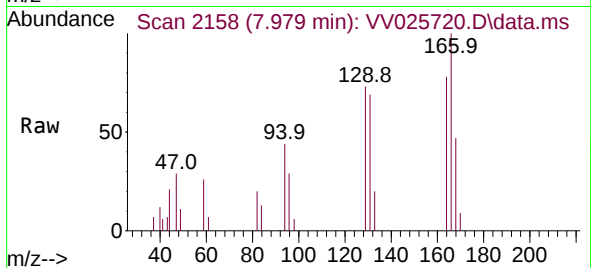
ClientSampleId :

Tgt Ion:129 Resp: 2384

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#



#52

Ethylbenzene

Concen: 0.099 ug/L

RT: 9.017 min Scan# 2481

Delta R.T. 0.009 min

Lab File: VV025720.D

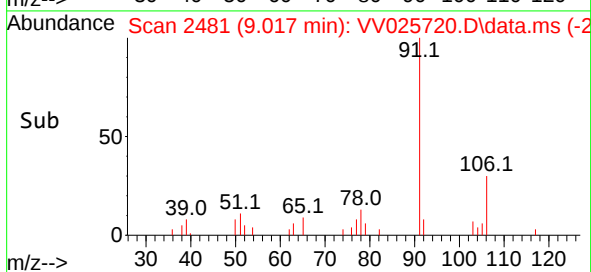
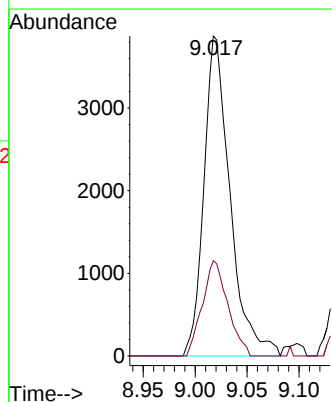
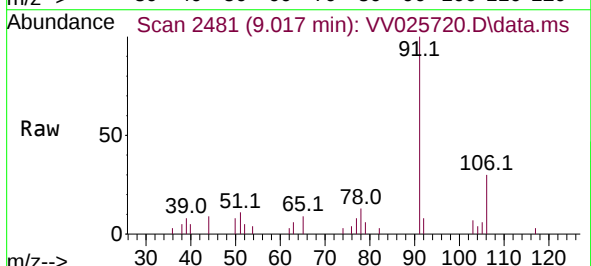
Acq: 25 Apr 2022 16:41

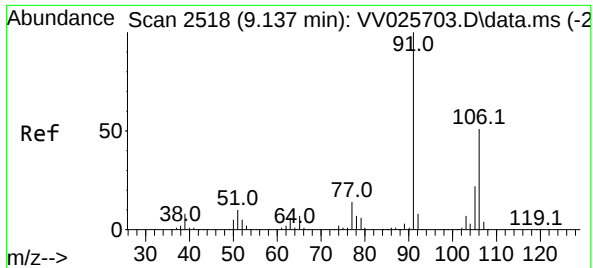
Tgt Ion: 91 Resp: 6782

Ion Ratio Lower Upper

91 100

106 29.8 22.3 41.3

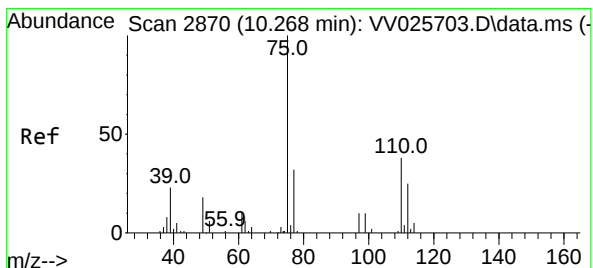
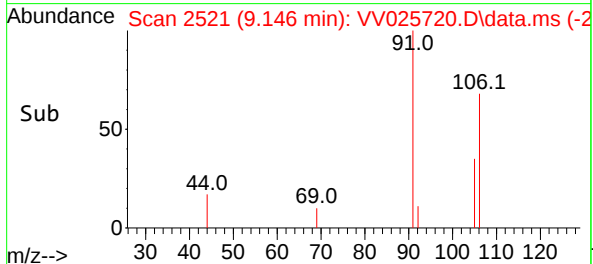
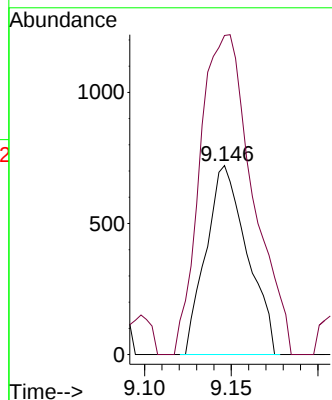
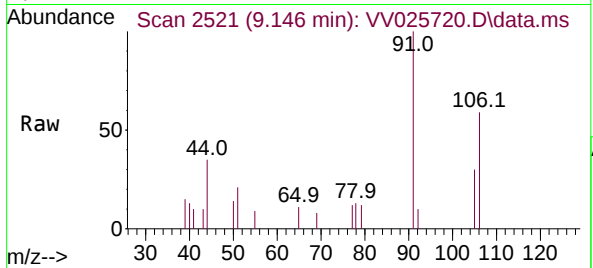




#53
 m,p-Xylene
 Concen: 0.046 ug/L
 RT: 9.146 min Scan# 21
 Delta R.T. 0.009 min
 Lab File: VV025720.D
 Acq: 25 Apr 2022 16:41

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:106 Resp: 1190
 Ion Ratio Lower Upper
 106 100
 91 168.8 136.4 253.4



#61
 1,2,3-Trichloropropane
 Concen: 1.871 ug/L
 RT: 11.246 min Scan# 3174
 Delta R.T. 0.977 min
 Lab File: VV025720.D
 Acq: 25 Apr 2022 16:41

Tgt Ion: 75 Resp: 11608
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.6 38.4
 110 2.6 34.7 52.1#

