

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
 Data File : VV026421.D
 Acq On : 18 Jun 2022 13:35
 Operator : SY/MD
 Sample : N3345-02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK5

Quant Time: Jun 20 01:28:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 20 01:25:22 2022
 Response via : Initial Calibration

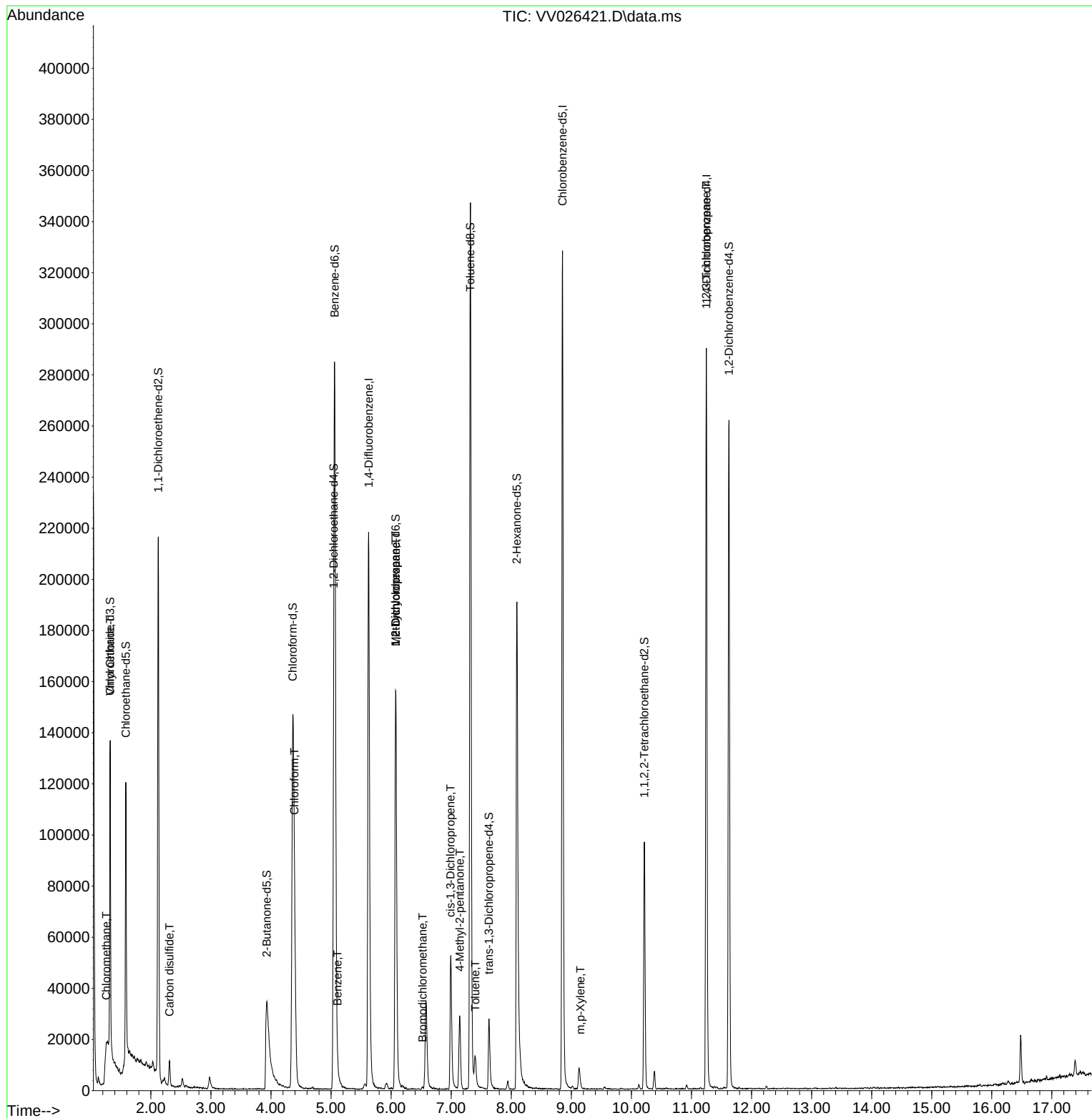
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	199295	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	188385	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	78439	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	77241	4.462	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	89.200%	
7) Chloroethane-d5	1.584	69	65608	4.820	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.400%	
11) 1,1-Dichloroethene-d2	2.124	63	112566	3.787	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.800%	
20) 2-Butanone-d5	3.931	46	86938	51.471	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.940%	
24) Chloroform-d	4.362	84	139950	5.516	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	110.400%	
26) 1,2-Dichloroethane-d4	5.043	65	56522	5.266	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.400%	
32) Benzene-d6	5.059	84	276210	5.484	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	109.600%	
36) 1,2-Dichloropropane-d6	6.075	67	80371	5.468	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	109.400%	
41) Toluene-d8	7.320	98	239271	5.210	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.200%	
43) trans-1,3-Dichloroprop...	7.628	79	17662	3.705	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	74.200%	
46) 2-Hexanone-d5	8.091	63	69166	48.038	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.080%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	49457	5.462	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	109.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	69254	5.732	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	114.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.256	50	1475	0.089	ug/L #	76
8) Chloroethane	1.323	64	16263	1.523	ug/L	88
14) Carbon disulfide	2.310	76	11411	0.368	ug/L	98
25) Chloroform	4.391	83	59952	2.373	ug/L	96
33) Benzene	5.108	78	2287	0.047	ug/L	100
35) Methylcyclohexane	6.075	83	19343	1.060	ug/L #	20
37) 1,2-Dichloropropane	6.075	63	8607	0.681	ug/L #	88
38) Bromodichloromethane	6.526	83	717	0.047	ug/L #	87
39) cis-1,3-Dichloropropene	6.989	75	1313	0.091	ug/L #	69
40) 4-Methyl-2-pentanone	7.143	43	12496	2.690	ug/L #	44
42) Toluene	7.400	91	10182	0.200	ug/L	100
53) m,p-Xylene	9.149	106	1147	0.058	ug/L	84
61) 1,2,3-Trichloropropane	11.246	75	9272	1.822	ug/L #	66

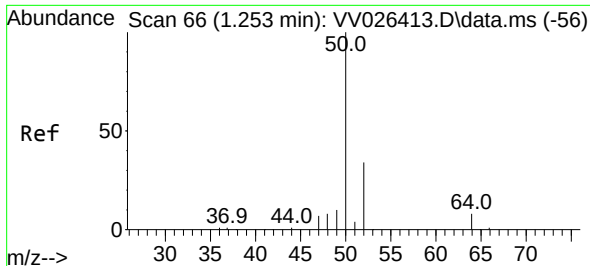
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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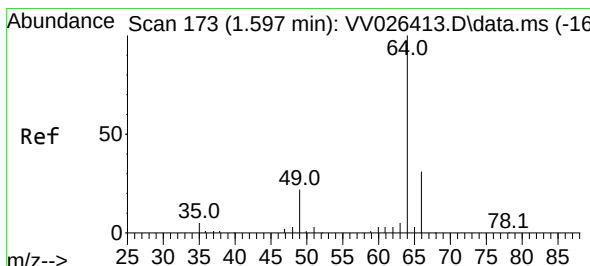
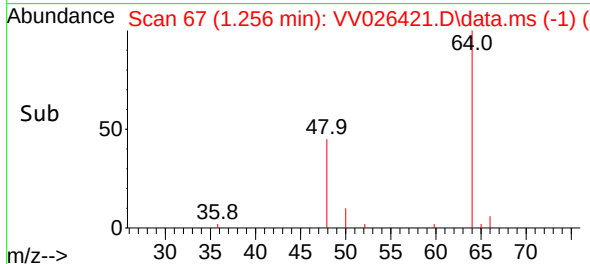
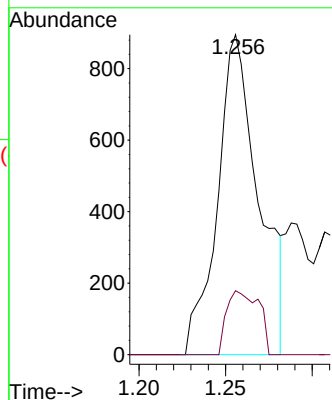
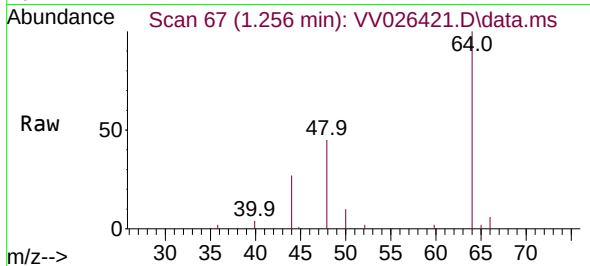




#3
Chloromethane
Concen: 0.089 ug/L
RT: 1.256 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026421.D
Acq: 18 Jun 2022 13:35

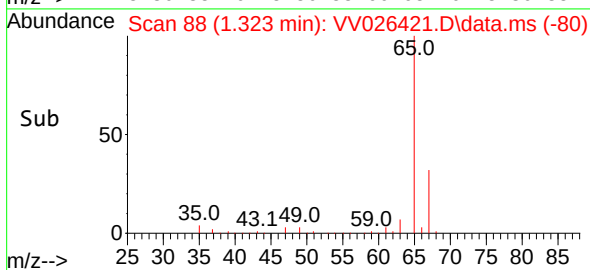
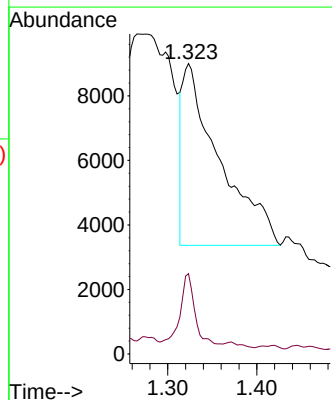
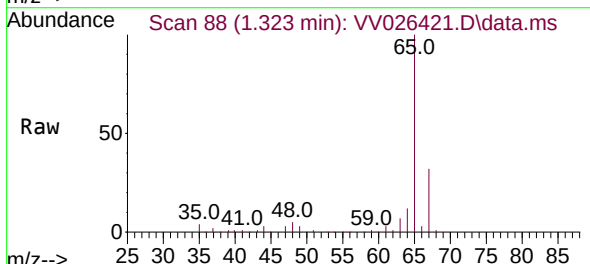
Instrument :
MSVOA_V
ClientSampleId :
C0AK5

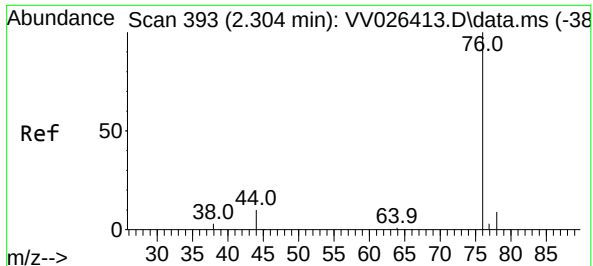
Tgt Ion: 50 Resp: 1475
Ion Ratio Lower Upper
50 100
52 20.0 23.7 44.1#



#8
Chloroethane
Concen: 1.523 ug/L
RT: 1.323 min Scan# 88
Delta R.T. -0.273 min
Lab File: VV026421.D
Acq: 18 Jun 2022 13:35

Tgt Ion: 64 Resp: 16263
Ion Ratio Lower Upper
64 100
66 27.7 24.1 44.7

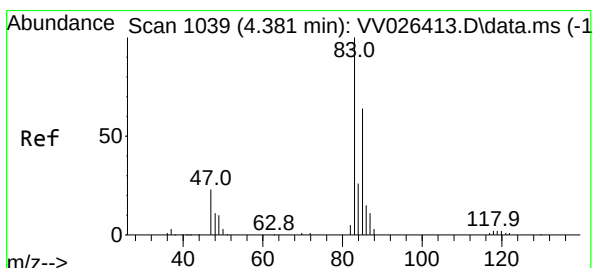
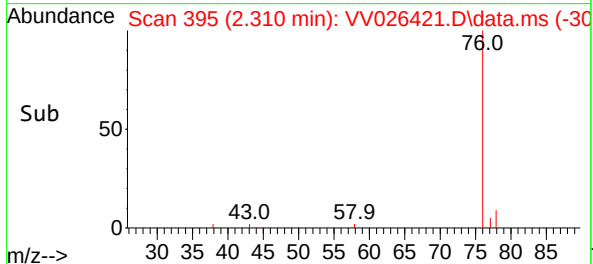
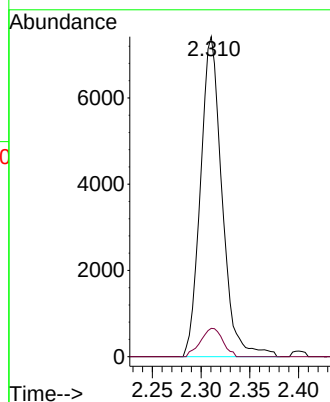
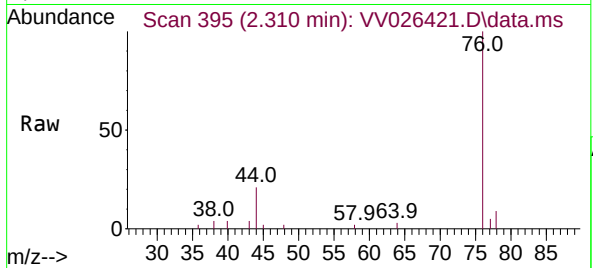




#14
Carbon disulfide
Concen: 0.368 ug/L
RT: 2.310 min Scan# 393
Delta R.T. 0.006 min
Lab File: VV026421.D
Acq: 18 Jun 2022 13:35

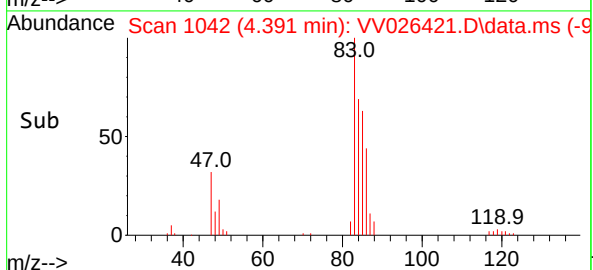
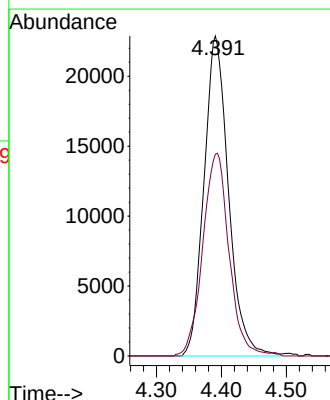
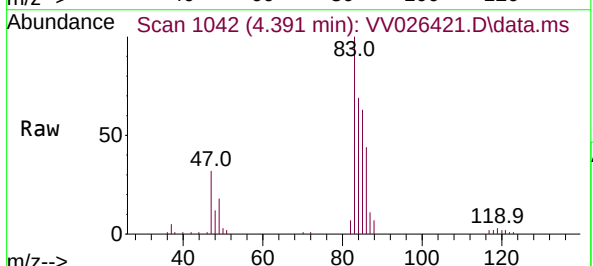
Instrument :
MSVOA_V
ClientSampleId :
C0AK5

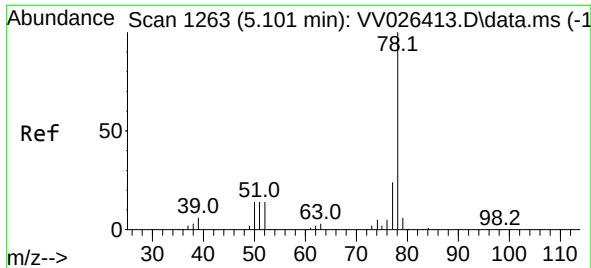
Tgt Ion: 76 Resp: 11411
Ion Ratio Lower Upper
76 100
78 8.9 7.7 11.5



#25
Chloroform
Concen: 2.373 ug/L
RT: 4.391 min Scan# 1042
Delta R.T. 0.010 min
Lab File: VV026421.D
Acq: 18 Jun 2022 13:35

Tgt Ion: 83 Resp: 59952
Ion Ratio Lower Upper
83 100
85 63.1 46.5 86.3

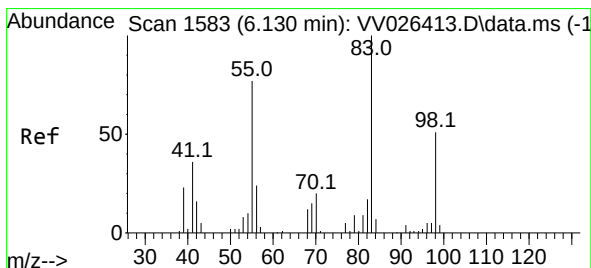
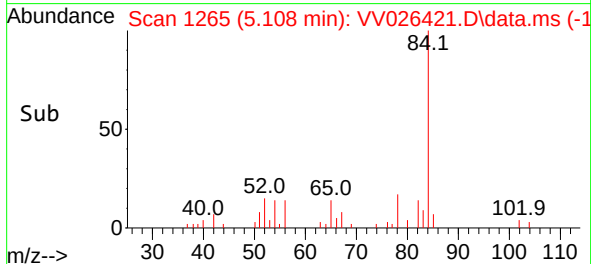
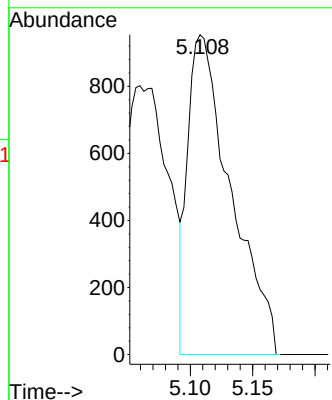
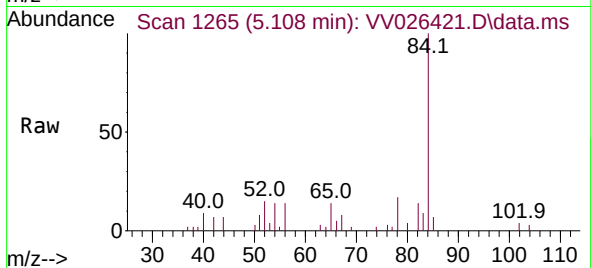




#33
Benzene
Concen: 0.047 ug/L
RT: 5.108 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV026421.D
Acq: 18 Jun 2022 13:35

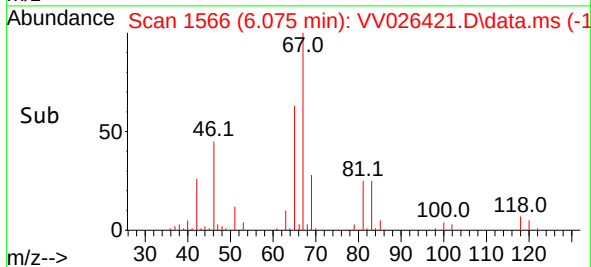
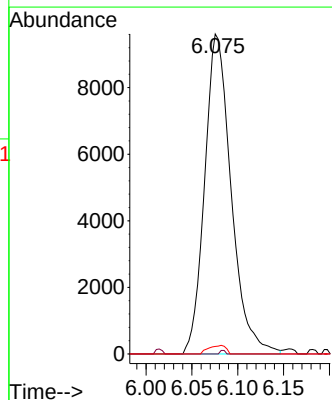
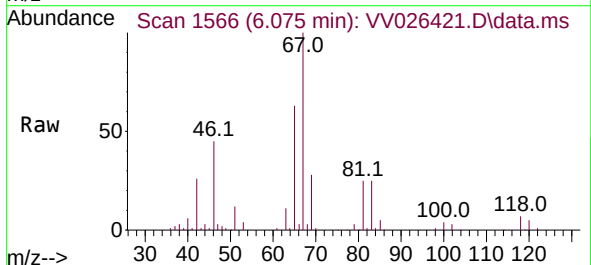
Instrument :
MSVOA_V
ClientSampleId :
C0AK5

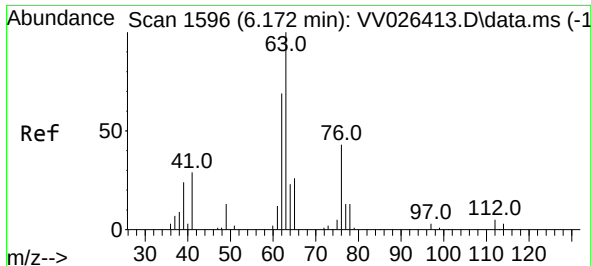
Tgt Ion: 78 Resp: 2287



#35
Methylcyclohexane
Concen: 1.060 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.055 min
Lab File: VV026421.D
Acq: 18 Jun 2022 13:35

Tgt Ion: 83 Resp: 19343
Ion Ratio Lower Upper
83 100
55 0.2 59.3 88.9#
98 1.8 39.9 59.9#





#37

1,2-Dichloropropane

Concen: 0.681 ug/L

RT: 6.075 min Scan# 1

Delta R.T. -0.097 min

Lab File: VV026421.D

Acq: 18 Jun 2022 13:35

Instrument :

MSVOA_V

ClientSampleId :

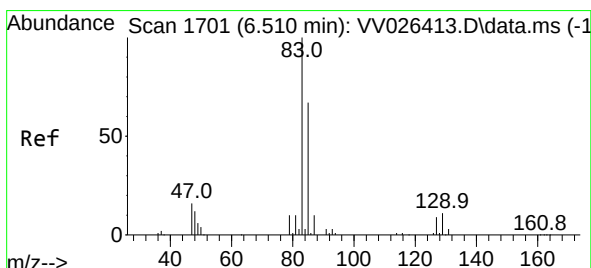
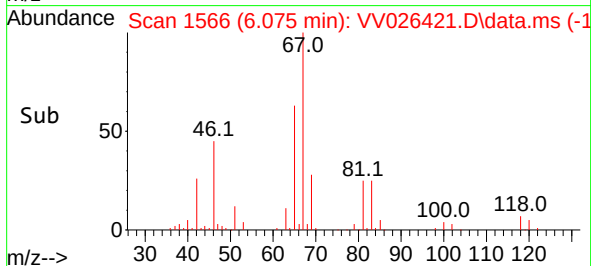
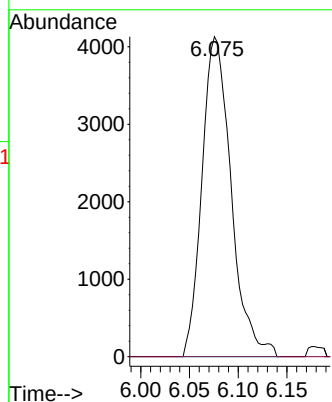
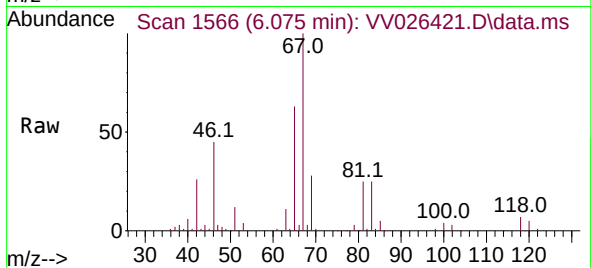
C0AK5

Tgt Ion: 63 Resp: 8607

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#38

Bromodichloromethane

Concen: 0.047 ug/L

RT: 6.526 min Scan# 1706

Delta R.T. 0.016 min

Lab File: VV026421.D

Acq: 18 Jun 2022 13:35

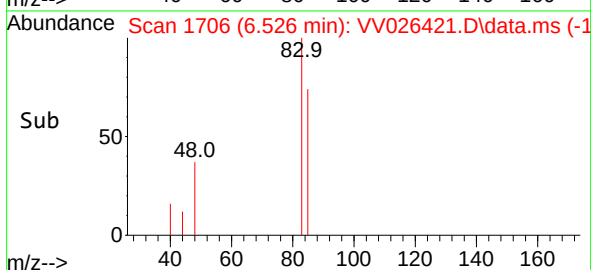
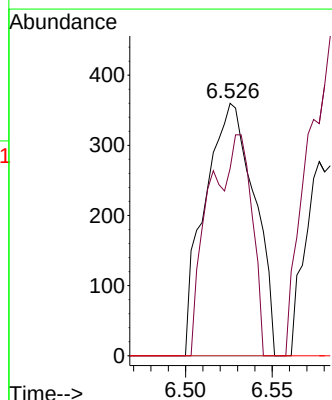
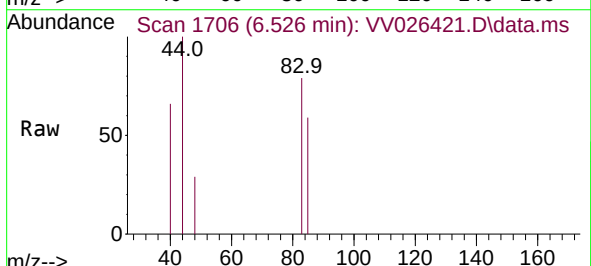
Tgt Ion: 83 Resp: 717

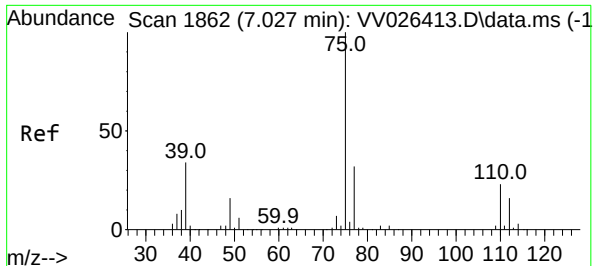
Ion Ratio Lower Upper

83 100

85 74.2 45.6 84.6

127 0.0 7.2 10.8#





#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.039 min

Lab File: VV026421.D

Acq: 18 Jun 2022 13:35

Instrument :

MSVOA_V

ClientSampleId :

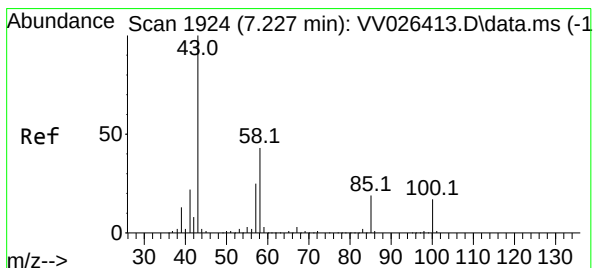
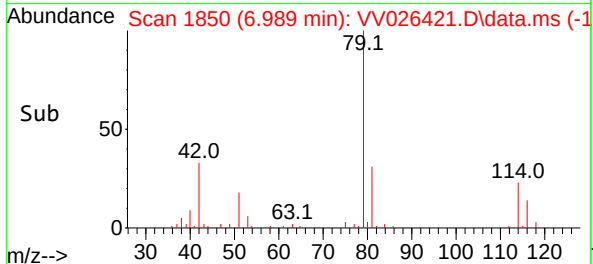
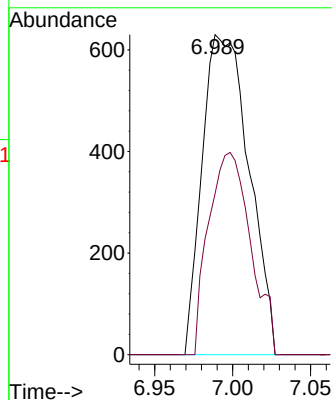
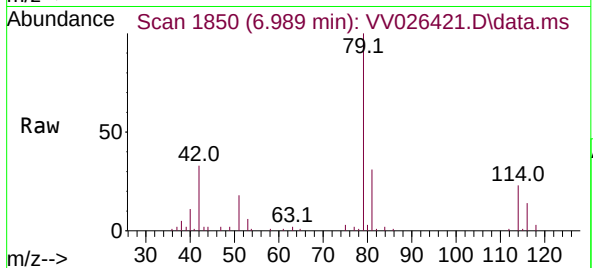
C0AK5

Tgt Ion: 75 Resp: 1313

Ion Ratio Lower Upper

75 100

77 50.3 23.0 42.6#



#40

4-Methyl-2-pentanone

Concen: 2.690 ug/L

RT: 7.143 min Scan# 1898

Delta R.T. -0.084 min

Lab File: VV026421.D

Acq: 18 Jun 2022 13:35

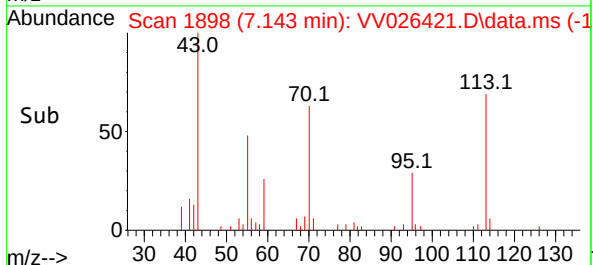
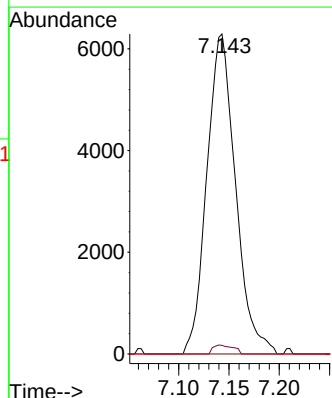
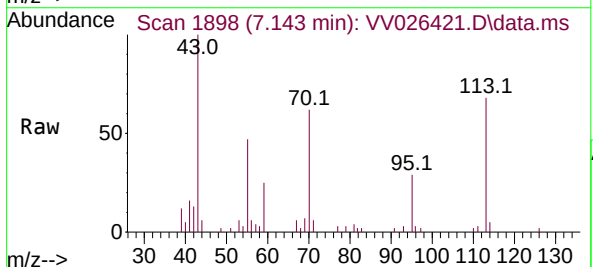
Tgt Ion: 43 Resp: 12496

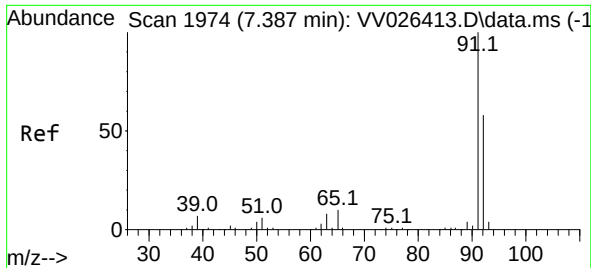
Ion Ratio Lower Upper

43 100

58 2.0 33.3 49.9#

100 0.0 13.4 20.2#





#42

Toluene

Concen: 0.200 ug/L

RT: 7.400 min Scan# 1974

Delta R.T. 0.013 min

Lab File: VV026421.D

Acq: 18 Jun 2022 13:35

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ClientSampleId :

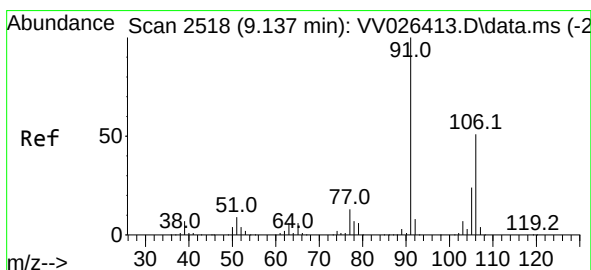
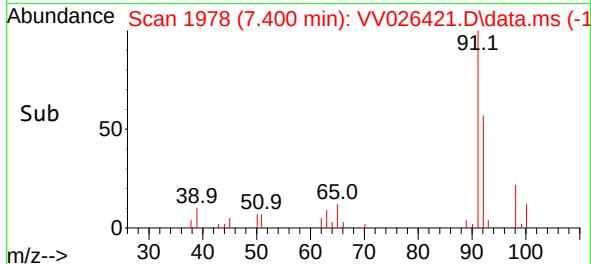
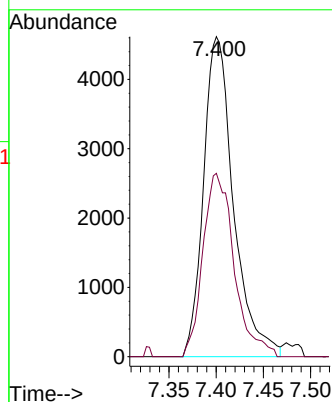
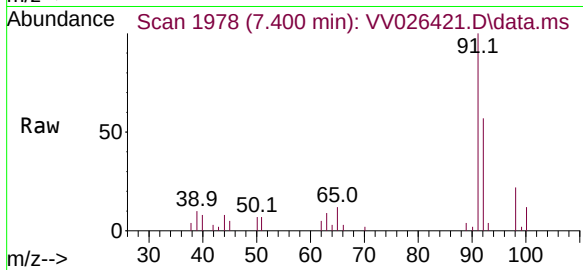
C0AK5

Tgt Ion: 91 Resp: 10182

Ion Ratio Lower Upper

91 100

92 57.3 40.1 74.5



#53

m,p-Xylene

Concen: 0.058 ug/L

RT: 9.149 min Scan# 2522

Delta R.T. 0.013 min

Lab File: VV026421.D

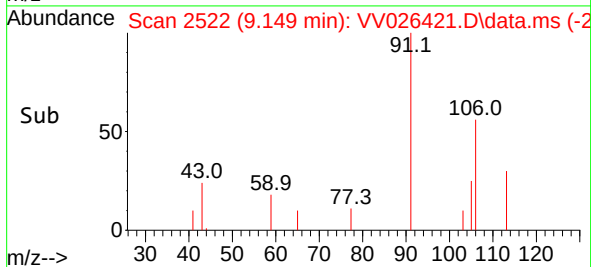
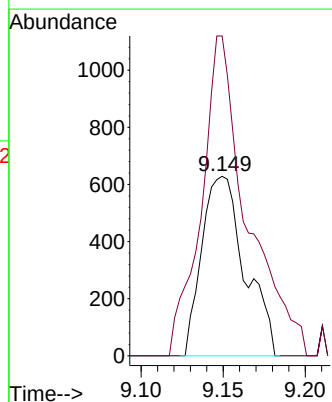
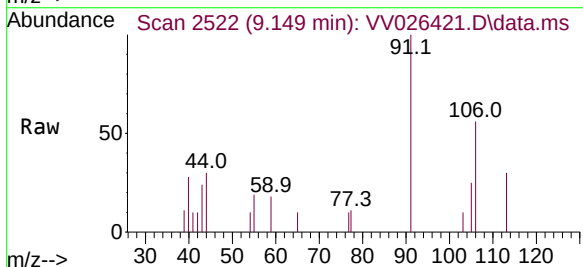
Acq: 18 Jun 2022 13:35

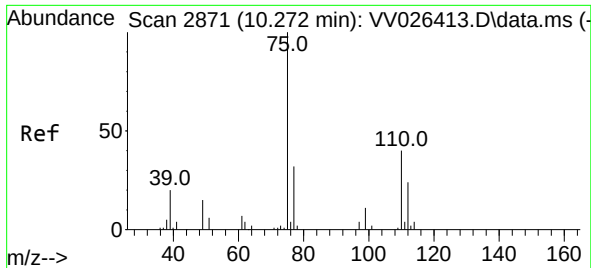
Tgt Ion: 106 Resp: 1147

Ion Ratio Lower Upper

106 100

91 178.1 141.3 262.3





#61
 1,2,3-Trichloropropane
 Concen: 1.822 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV026421.D
 Acq: 18 Jun 2022 13:35

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK5

Tgt Ion: 75 Resp: 9272
 Ion Ratio Lower Upper
 75 100
 77 30.7 26.9 40.3
 110 2.3 30.7 46.1#

