

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111221\
 Data File : VW023420.D
 Acq On : 12 Nov 2021 05:23
 Operator : SY/MD
 Sample : M4580-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 13 00:08:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 12 04:43:24 2021
 Response via : Initial Calibration

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

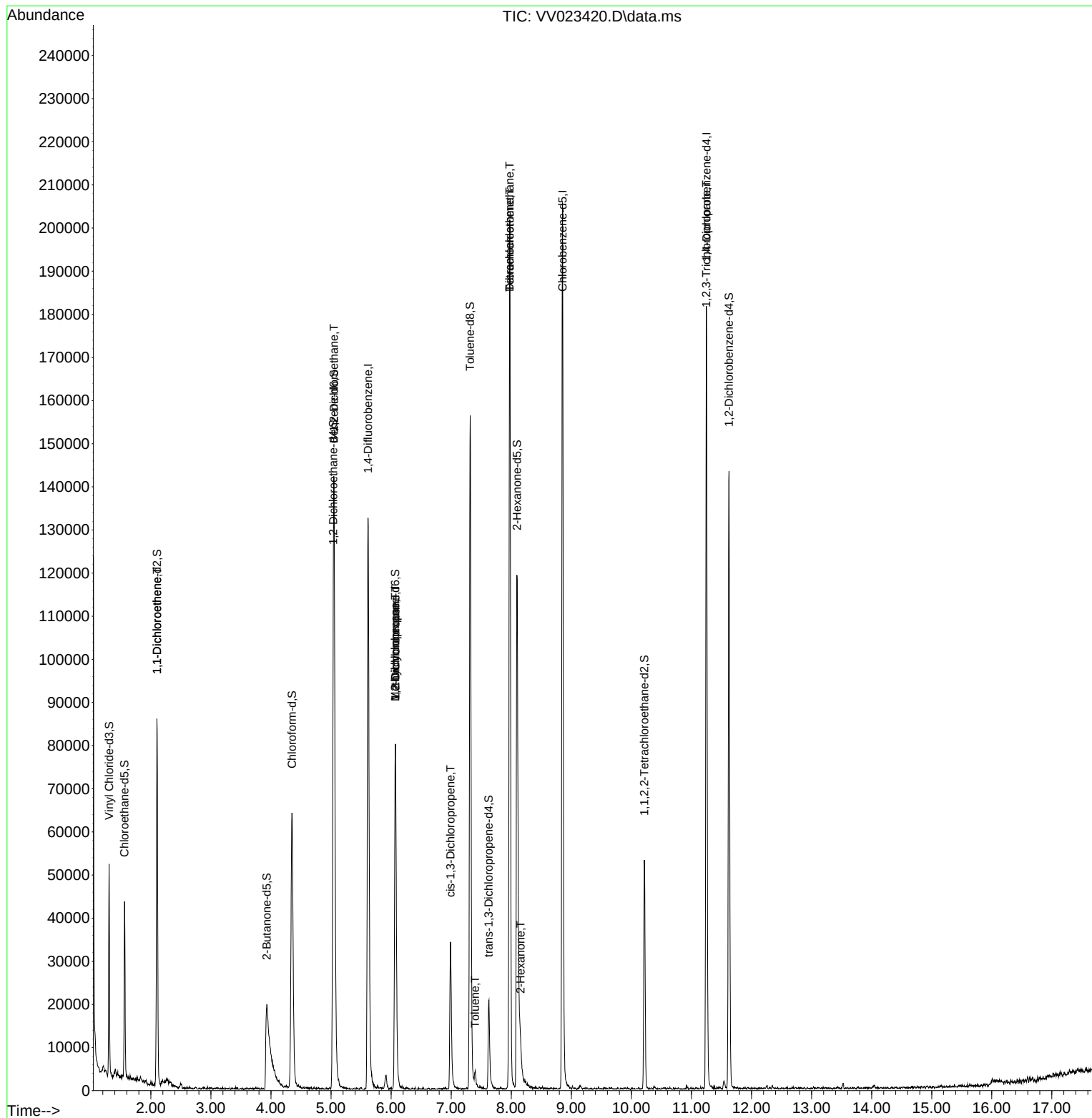
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	116616	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	116801	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	49499	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	27488	3.763	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.200%
7) Chloroethane-d5	1.561	69	24166	4.059	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.200%
11) 1,1-Dichloroethene-d2	2.101	63	41664	3.046	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.000%
20) 2-Butanone-d5	3.931	46	46767	37.158	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.320%
24) Chloroform-d	4.349	84	66996	4.303	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.037	65	32278	4.610	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.050	84	124274	4.147	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	6.069	67	39169	4.440	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.317	98	104171	3.709	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.200%
43) trans-1,3-Dichloroprop...	7.625	79	12707	3.799	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.000%
46) 2-Hexanone-d5	8.095	63	38637	31.393	ug/L	-0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	62.780%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25156	3.965	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	37869	4.595	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.101	96	435	0.063	ug/L #	1
27) 1,2-Dichloroethane	5.047	62	754	0.092	ug/L #	72
35) Methylcyclohexane	6.069	83	9615	0.702	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	4349	0.571	ug/L #	83
39) cis-1,3-Dichloropropene	6.989	75	1051	0.096	ug/L #	42
42) Toluene	7.397	91	2709	0.078	ug/L	93
47) Tetrachloroethene	7.976	164	45447	6.040	ug/L	98
48) 2-Hexanone	8.156	43	6253	2.525	ug/L #	85
49) Dibromochloromethane	7.976	129	37872	5.458	ug/L #	10
61) 1,2,3-Trichloropropane	11.246	75	5704	1.735	ug/L #	41

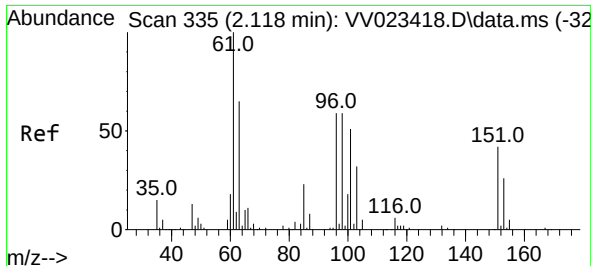
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 13 00:08:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 12 04:43:24 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.063 ug/L

RT: 2.101 min Scan# 31

Delta R.T. -0.016 min

Lab File: VV023420.D

Acq: 12 Nov 2021 05:23

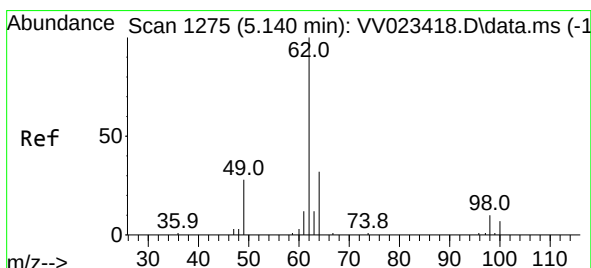
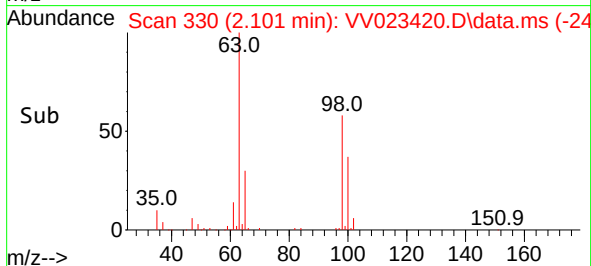
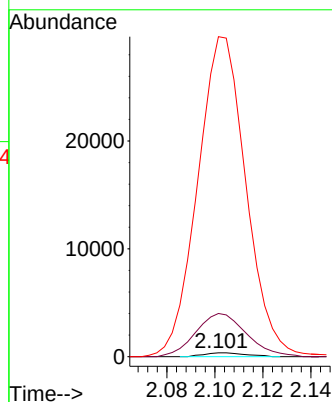
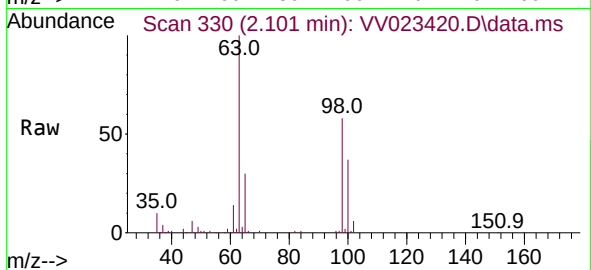
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 96 Resp: 435

Ion	Ratio	Lower	Upper
96	100		
61	1105.5	121.5	225.7#
63	8174.1	99.6	185.0#



#27

1,2-Dichloroethane

Concen: 0.092 ug/L

RT: 5.047 min Scan# 1246

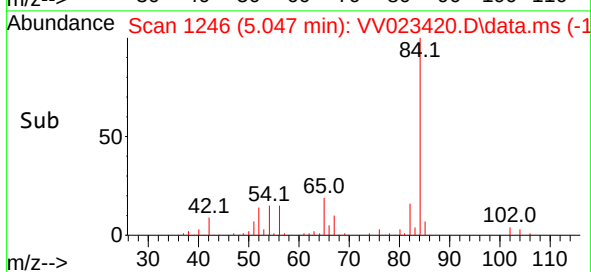
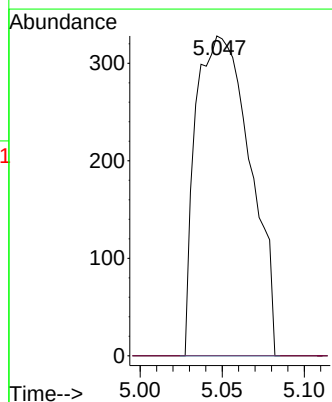
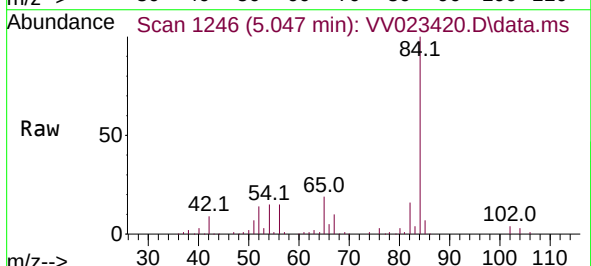
Delta R.T. -0.093 min

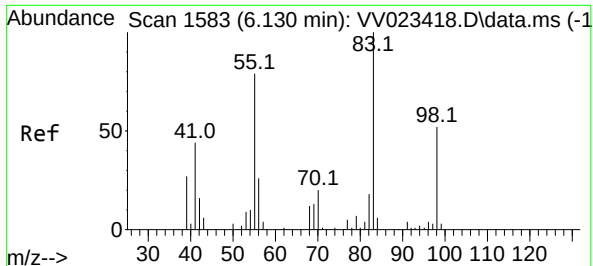
Lab File: VV023420.D

Acq: 12 Nov 2021 05:23

Tgt Ion: 62 Resp: 754

Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.2	12.4#





#35

Methylcyclohexane

Concen: 0.702 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.061 min

Lab File: VV023420.D

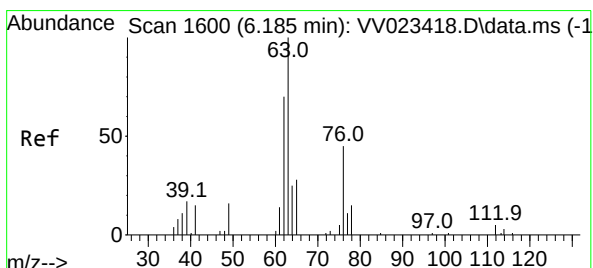
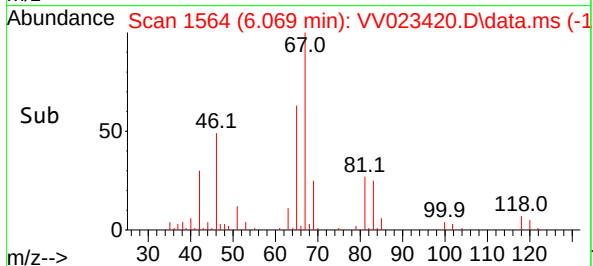
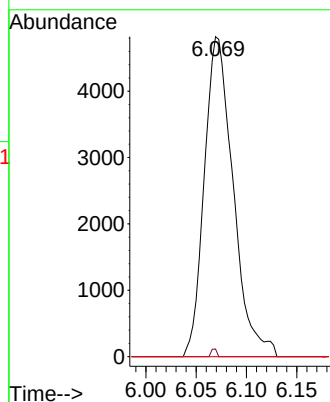
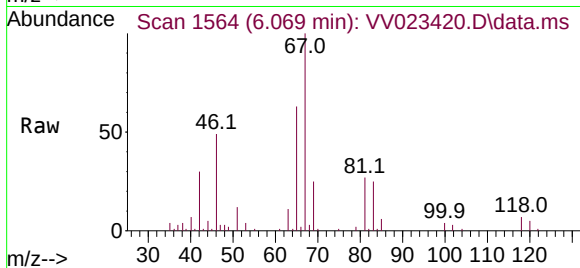
Acq: 12 Nov 2021 05:23

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp:	9615
Ion Ratio	Lower	Upper
83	100	
55	0.5	62.8 94.2#
98	1.3	37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.571 ug/L

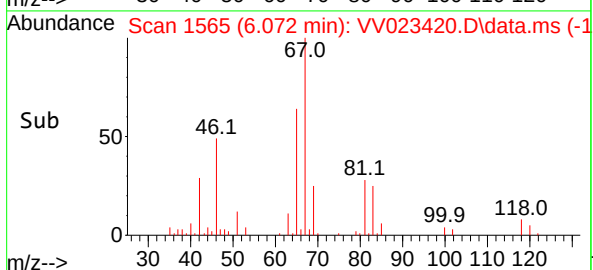
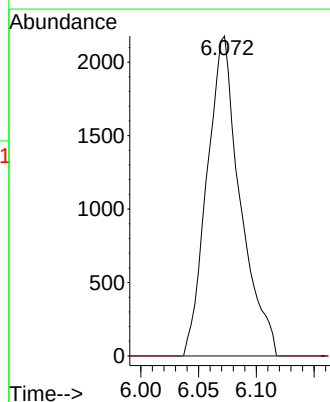
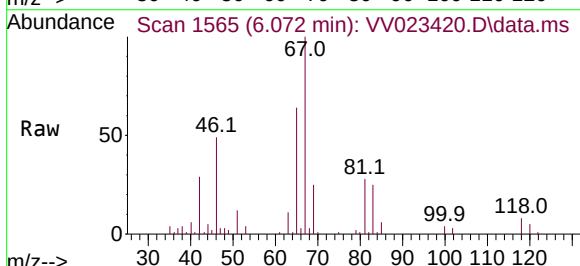
RT: 6.072 min Scan# 1565

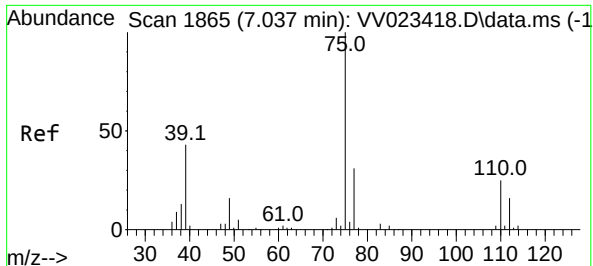
Delta R.T. -0.112 min

Lab File: VV023420.D

Acq: 12 Nov 2021 05:23

Tgt Ion: 63	Resp:	4349
Ion Ratio	Lower	Upper
63	100	
112	0.0	4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 6.989 min Scan# 1865

Delta R.T. -0.048 min

Lab File: VV023420.D

Acq: 12 Nov 2021 05:23

Instrument :

MSVOA_V

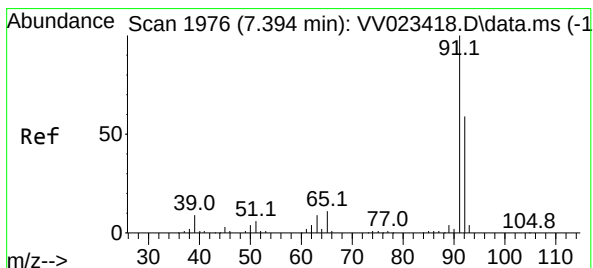
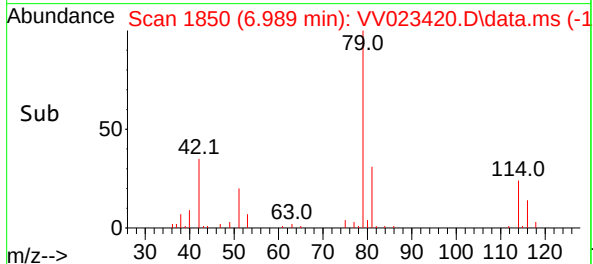
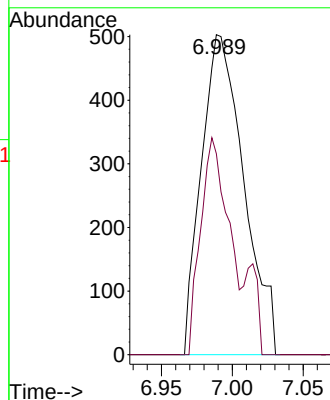
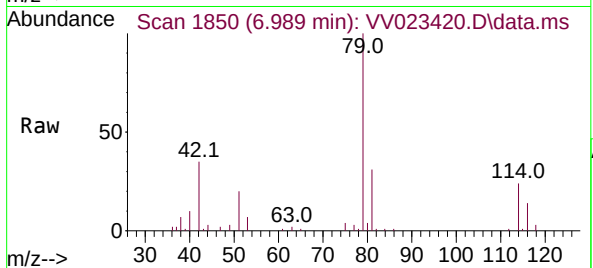
ClientSampleId :

Tgt Ion: 75 Resp: 1051

Ion Ratio Lower Upper

75 100

77 62.8 21.6 40.2#



#42

Toluene

Concen: 0.078 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.003 min

Lab File: VV023420.D

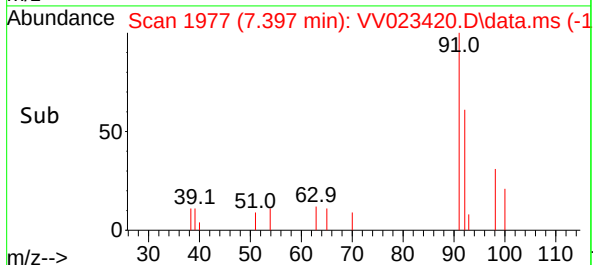
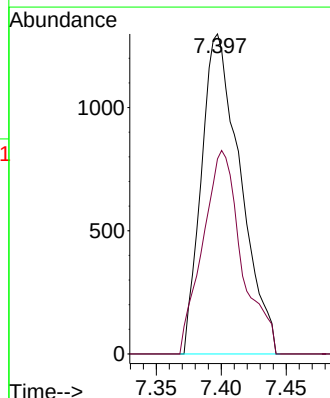
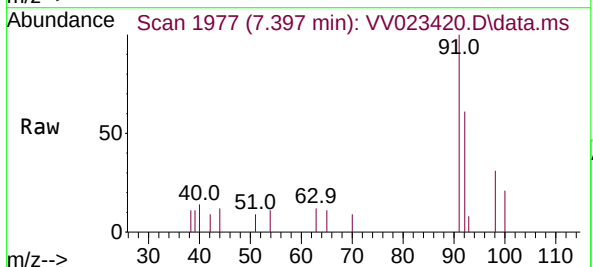
Acq: 12 Nov 2021 05:23

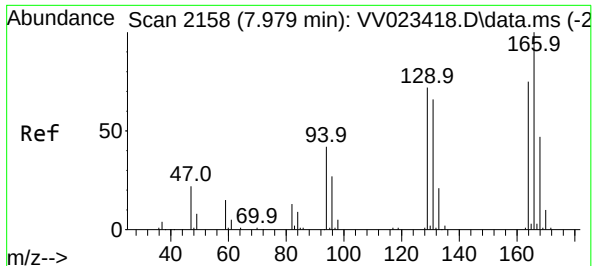
Tgt Ion: 91 Resp: 2709

Ion Ratio Lower Upper

91 100

92 61.0 39.3 72.9





#47

Tetrachloroethene

Concen: 6.040 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.003 min

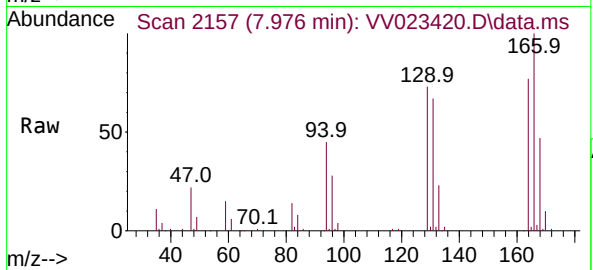
Lab File: VV023420.D

Acq: 12 Nov 2021 05:23

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 45447

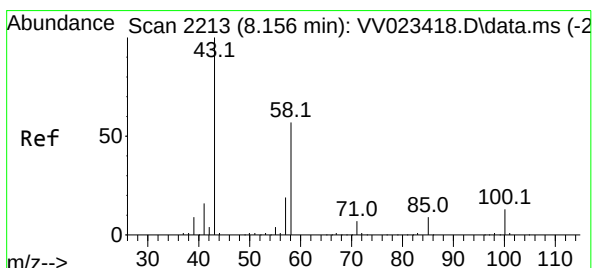
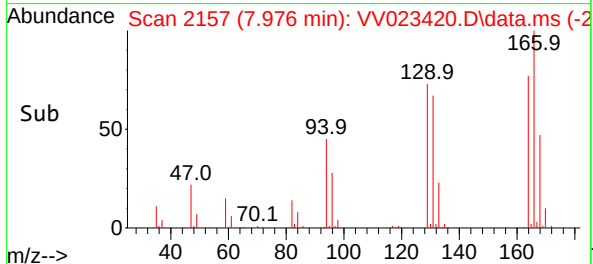
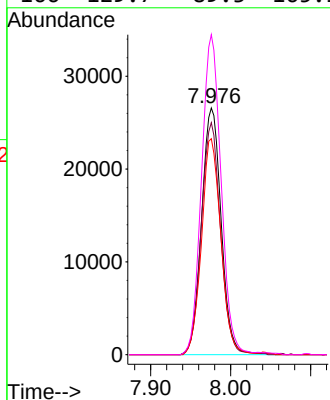
Ion Ratio Lower Upper

164 100

129 94.0 64.0 119.0

131 87.5 63.4 117.8

166 129.7 89.3 165.9



#48

2-Hexanone

Concen: 2.525 ug/L

RT: 8.156 min Scan# 2213

Delta R.T. 0.000 min

Lab File: VV023420.D

Acq: 12 Nov 2021 05:23

Tgt Ion: 43 Resp: 6253

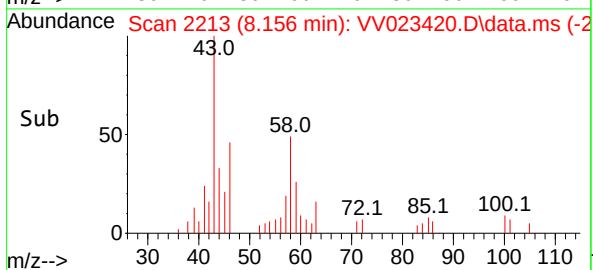
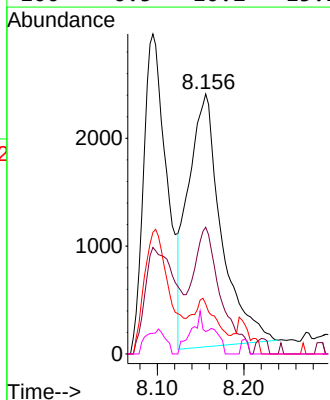
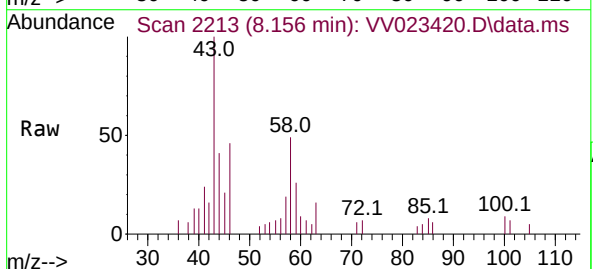
Ion Ratio Lower Upper

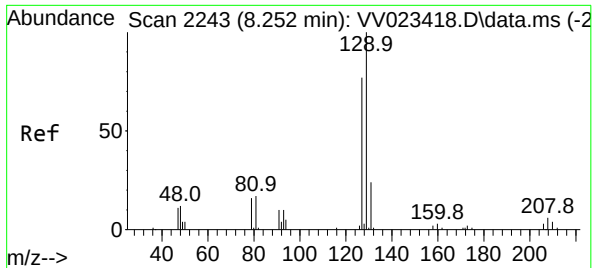
43 100

58 40.4 43.7 65.5#

57 16.8 14.1 21.1

100 6.5 10.2 15.2#





#49

Dibromochloromethane

Concen: 5.458 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.276 min

Lab File: VV023420.D

Acq: 12 Nov 2021 05:23

Instrument :

MSVOA_V

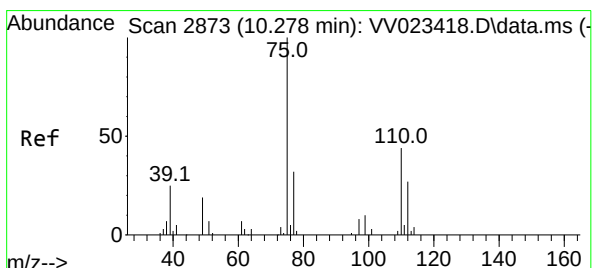
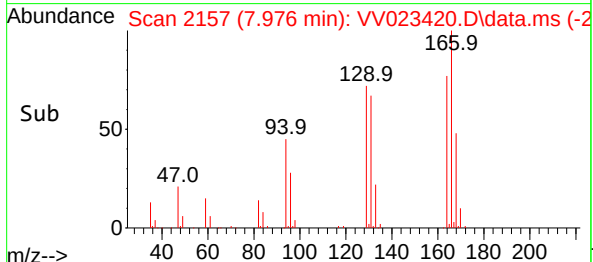
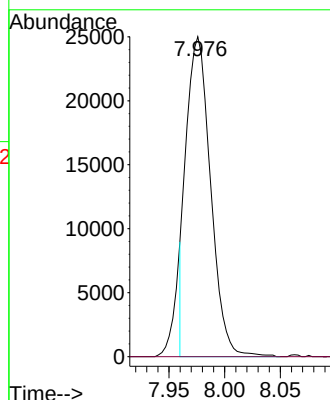
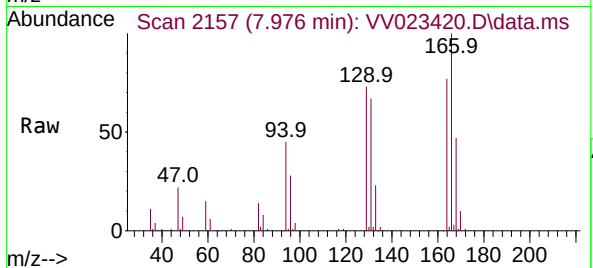
ClientSampleId :

Tgt Ion:129 Resp: 37872

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



#61

1,2,3-Trichloropropane

Concen: 1.735 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.968 min

Lab File: VV023420.D

Acq: 12 Nov 2021 05:23

Tgt Ion: 75 Resp: 5704

Ion Ratio Lower Upper

75 100

77 0.0 26.6 39.8#

110 2.7 31.8 47.6#

