

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121021\
 Data File : VW023899.D
 Acq On : 10 Dec 2021 20:14
 Operator : SY/MD
 Sample : M4984-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 11 04:53:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 11 04:33:17 2021
 Response via : Initial Calibration

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

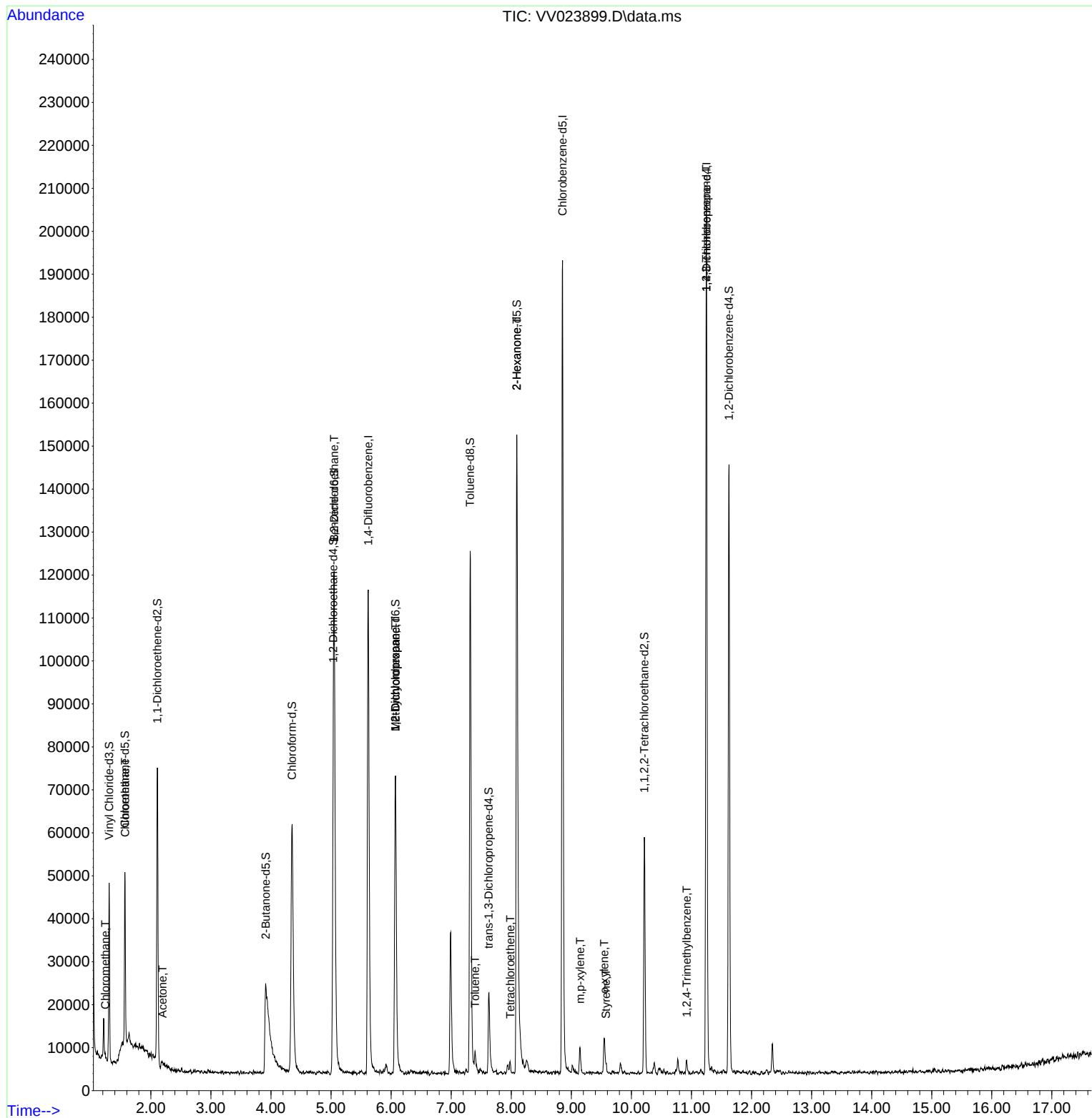
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	102148	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	107025	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54839	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	24597	4.479	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	89.600%	
7) Chloroethane-d5	1.568	69	23521	5.134	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.600%	
11) 1,1-Dichloroethene-d2	2.108	63	35396	3.302	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	66.000%	
20) 2-Butanone-d5	3.912	46	61560	57.380	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	114.760%	
24) Chloroform-d	4.352	84	60324	4.850	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.000%	
26) 1,2-Dichloroethane-d4	5.037	65	31066	5.364	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.200%	
32) Benzene-d6	5.053	84	101019	4.766	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.400%	
36) 1,2-Dichloropropane-d6	6.072	67	32751	5.121	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.400%	
41) Toluene-d8	7.317	98	83147	4.357	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.200%	
43) trans-1,3-Dichloroprop...	7.625	79	12149	4.579	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.600%	
46) 2-Hexanone-d5	8.091	63	57454	48.373	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.740%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25203	4.751	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	37848	5.167	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	966	0.127	ug/L	97
8) Chloroethane	1.571	64	1389	0.259	ug/L #	60
13) Acetone	2.195	43	1336	1.557	ug/L	95
27) 1,2-Dichloroethane	5.053	62	665	0.081	ug/L #	73
35) Methylcyclohexane	6.072	83	8289	0.659	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	4138	0.575	ug/L #	84
42) Toluene	7.400	91	3543	0.104	ug/L	97
47) Tetrachloroethene	7.985	164	698	0.093	ug/L #	65
48) 2-Hexanone	8.091	43	6508	2.596	ug/L #	65
53) m,p-xylene	9.146	106	1789	0.126	ug/L	95
54) o-xylene	9.548	106	2389	0.174	ug/L	91
55) Styrene	9.577	104	1250	0.055	ug/L	93
61) 1,2,3-Trichloropropane	11.246	75	5693	1.524	ug/L #	62
63) 1,2,4-Trimethylbenzene	10.921	105	2020	0.076	ug/L	89

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

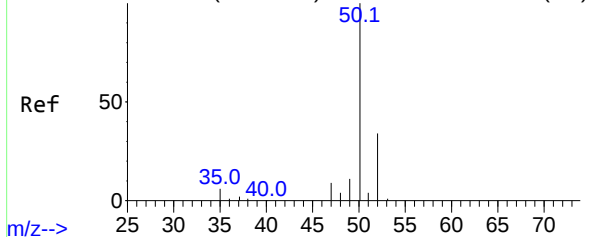
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121021\
Data File : VV023899.D
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Dec 11 04:33:17 2021
Response via : Initial Calibration



Abundance Scan 62 (1.240 min): VV023880.D\data.ms (-54)



#3

Chloromethane

Concen: 0.127 ug/L

RT: 1.243 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV023899.D

Acq: 10 Dec 2021 20:14

Instrument :

MSVOA_V

ClientSampleId :

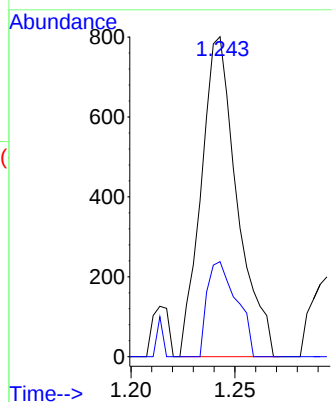
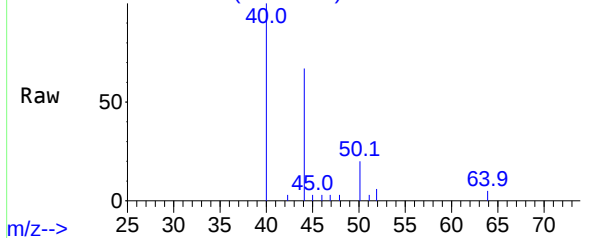
Tgt Ion: 50 Resp: 966

Ion Ratio Lower Upper

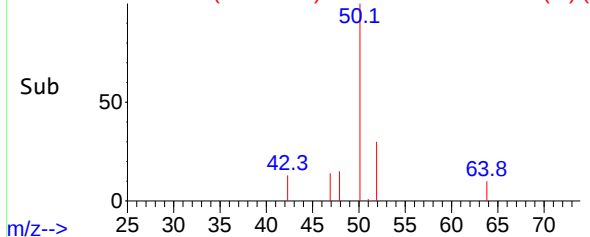
50 100

52 29.7 22.0 41.0

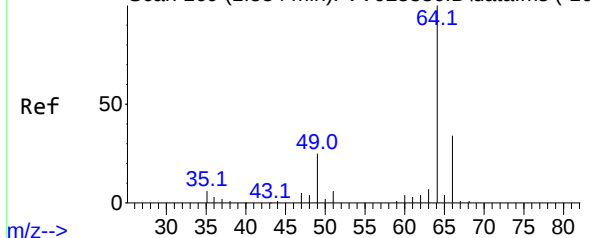
Abundance Scan 63 (1.243 min): VV023899.D\data.ms



Abundance Scan 63 (1.243 min): VV023899.D\data.ms (-1)



Abundance Scan 169 (1.584 min): VV023880.D\data.ms (-16)



#8

Chloroethane

Concen: 0.259 ug/L

RT: 1.571 min Scan# 165

Delta R.T. -0.013 min

Lab File: VV023899.D

Acq: 10 Dec 2021 20:14

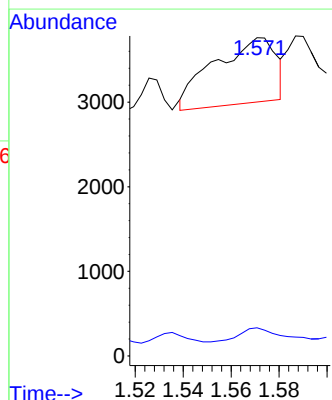
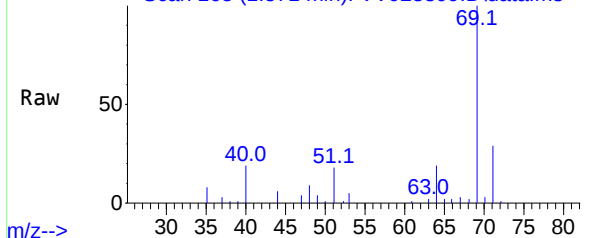
Tgt Ion: 64 Resp: 1389

Ion Ratio Lower Upper

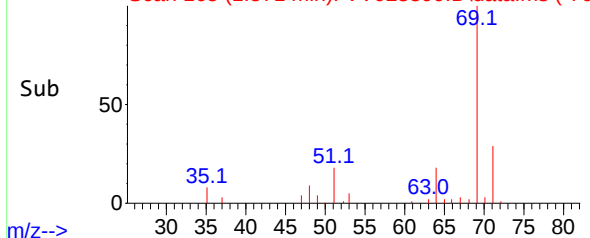
64 100

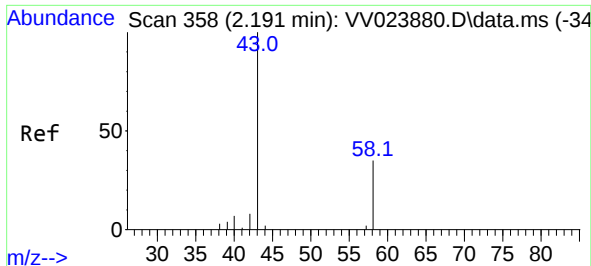
66 8.9 21.4 39.8#

Abundance Scan 165 (1.571 min): VV023899.D\data.ms



Abundance Scan 165 (1.571 min): VV023899.D\data.ms (-76)





#13

Acetone

Concen: 1.557 ug/L

RT: 2.195 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV023899.D

Acq: 10 Dec 2021 20:14

Instrument :

MSVOA_V

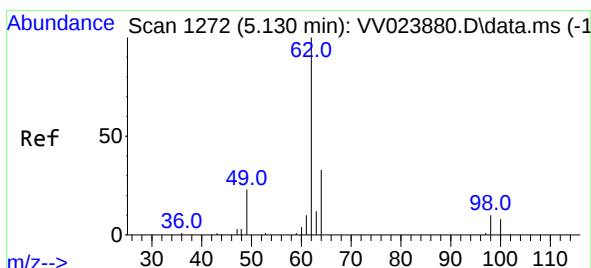
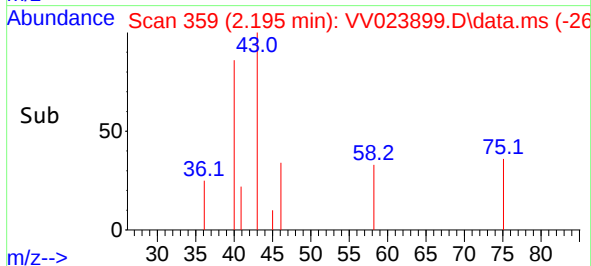
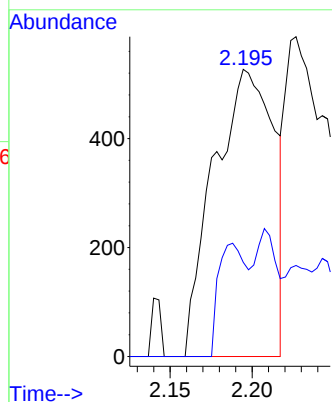
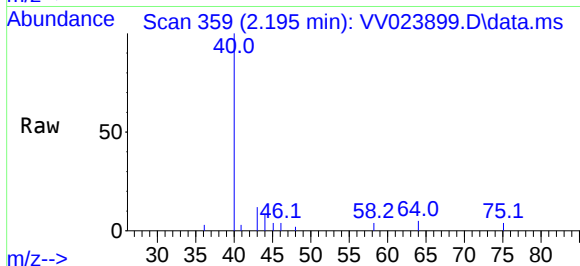
ClientSampleId :

Tgt Ion: 43 Resp: 1336

Ion Ratio Lower Upper

43 100

58 18.2 0.0 41.4



#27

1,2-Dichloroethane

Concen: 0.081 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.077 min

Lab File: VV023899.D

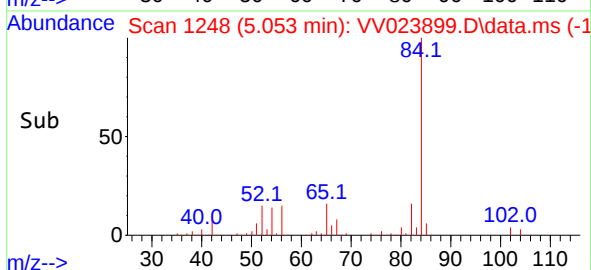
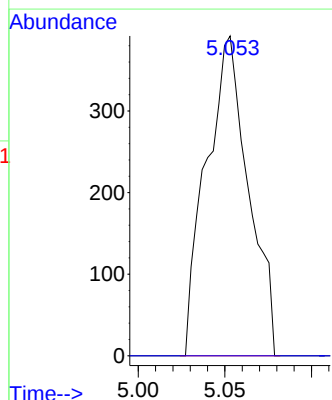
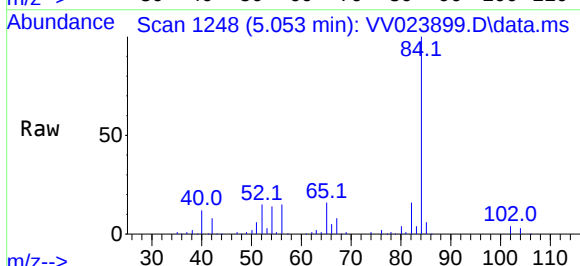
Acq: 10 Dec 2021 20:14

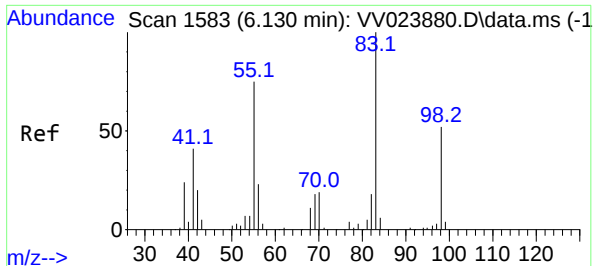
Tgt Ion: 62 Resp: 665

Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1#





#35

Methylcyclohexane

Concen: 0.659 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV023899.D

Acq: 10 Dec 2021 20:14

Instrument :

MSVOA_V

ClientSampleId :

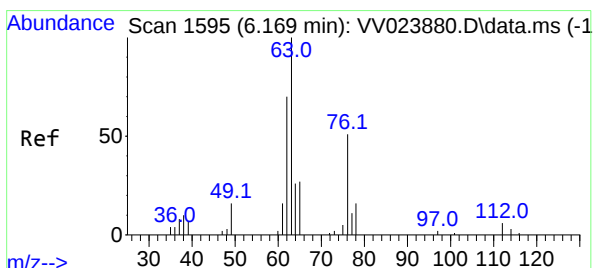
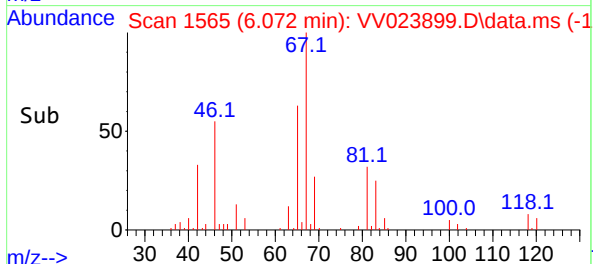
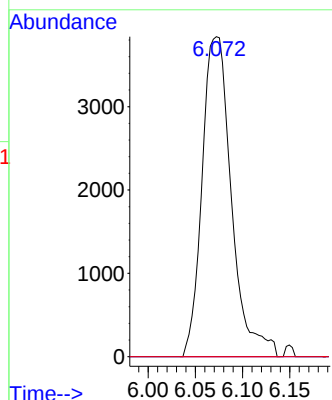
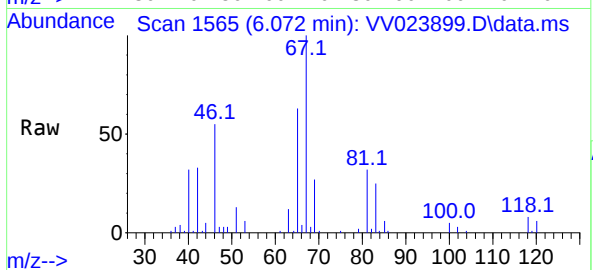
Tgt Ion: 83 Resp: 8289

Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.2#

98 6.4 41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.575 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.096 min

Lab File: VV023899.D

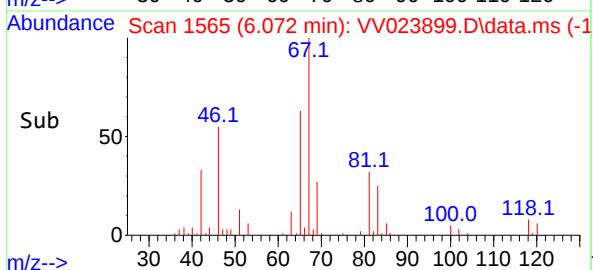
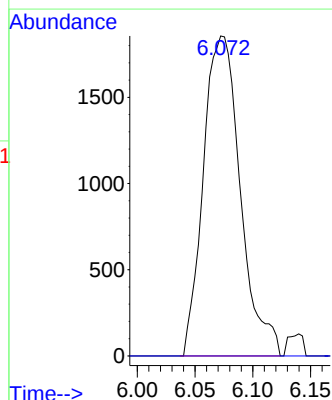
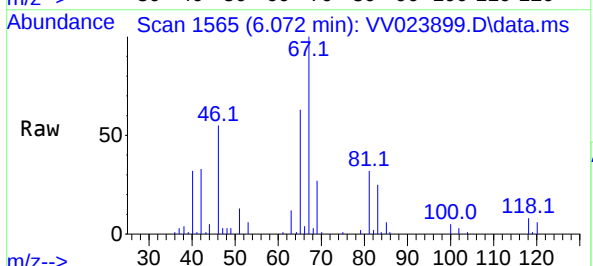
Acq: 10 Dec 2021 20:14

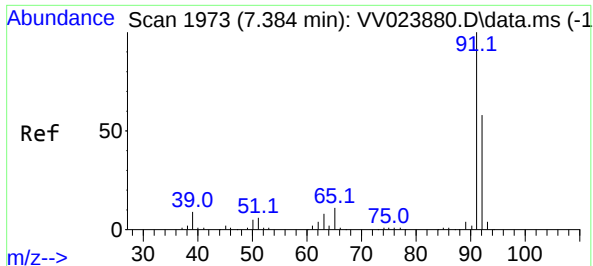
Tgt Ion: 63 Resp: 4138

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#

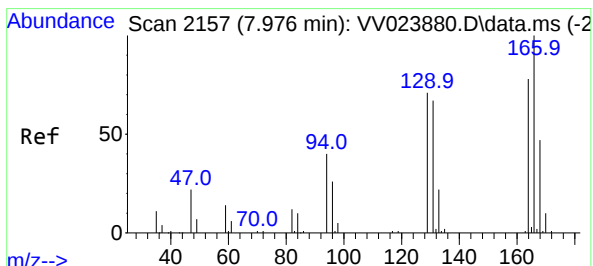
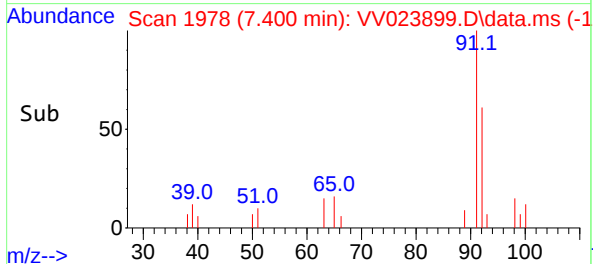
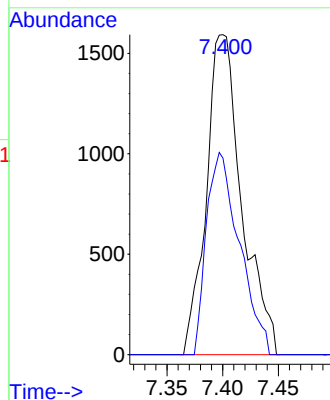
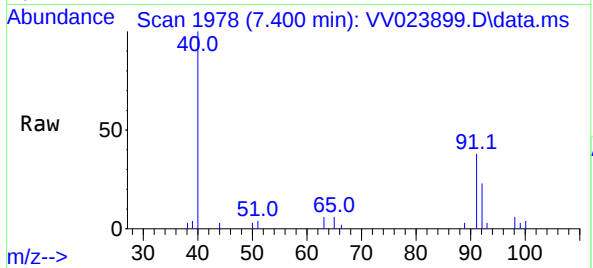




#42
Toluene
Concen: 0.104 ug/L
RT: 7.400 min Scan# 1973
Delta R.T. 0.016 min
Lab File: VV023899.D
Acq: 10 Dec 2021 20:14

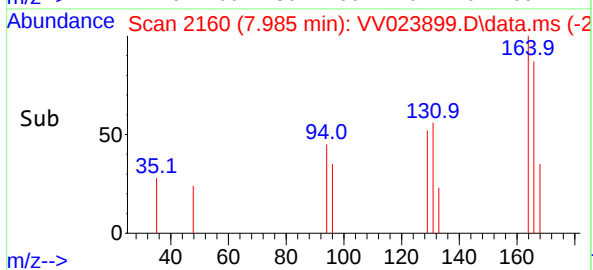
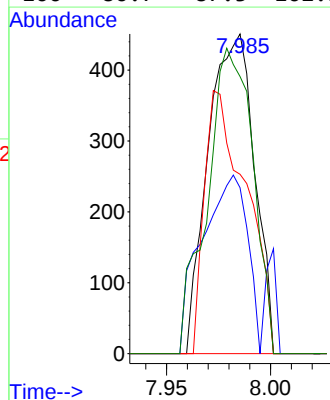
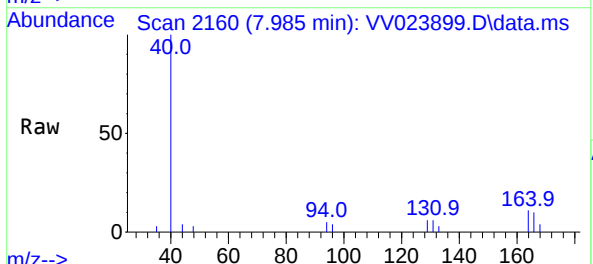
Instrument :
MSVOA_V
ClientSampleId :

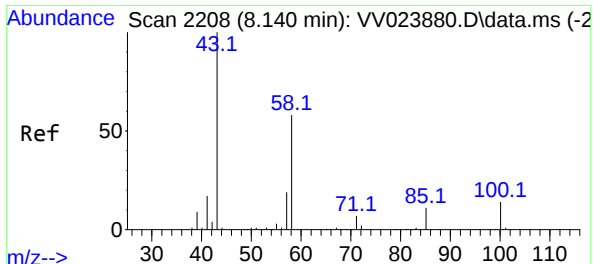
Tgt Ion: 91 Resp: 3543
Ion Ratio Lower Upper
91 100
92 61.5 41.5 77.1



#47
Tetrachloroethene
Concen: 0.093 ug/L
RT: 7.985 min Scan# 2160
Delta R.T. 0.010 min
Lab File: VV023899.D
Acq: 10 Dec 2021 20:14

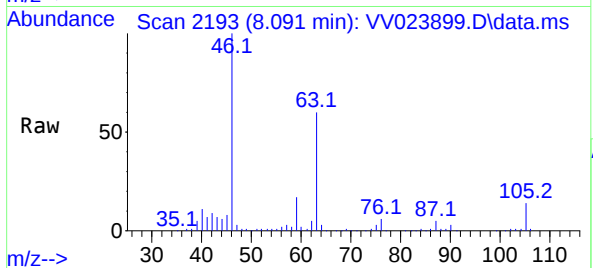
Tgt Ion:164 Resp: 698
Ion Ratio Lower Upper
164 100
129 51.9 62.6 116.2#
131 56.1 61.0 113.4#
166 86.7 87.3 162.1#



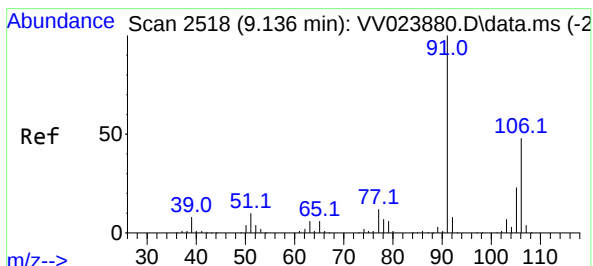
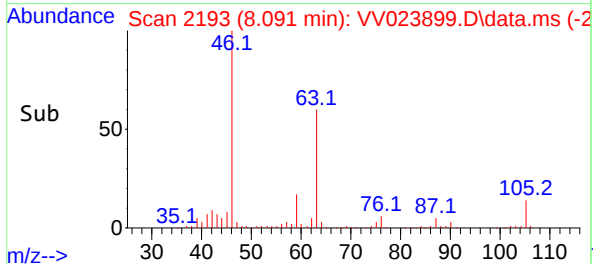
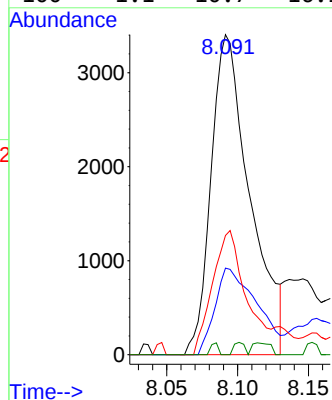


#48
2-Hexanone
Concen: 2.596 ug/L
RT: 8.091 min Scan# 2193
Delta R.T. -0.048 min
Lab File: VV023899.D
Acq: 10 Dec 2021 20:14

Instrument :
MSVOA_V
ClientSampleId :

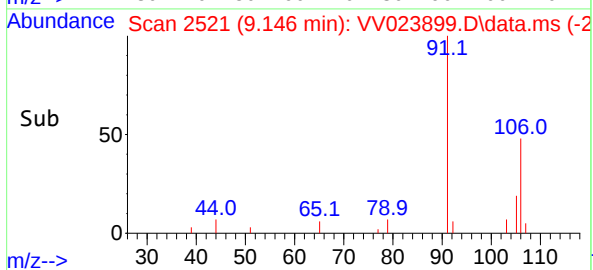
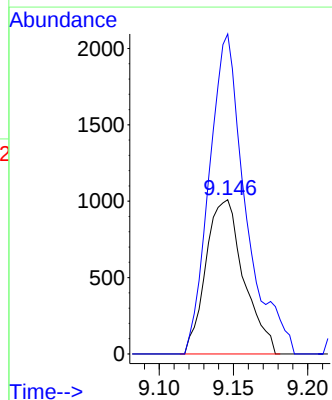
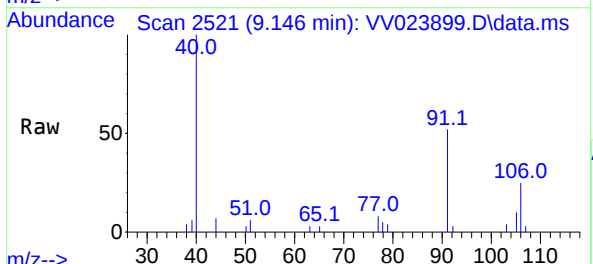


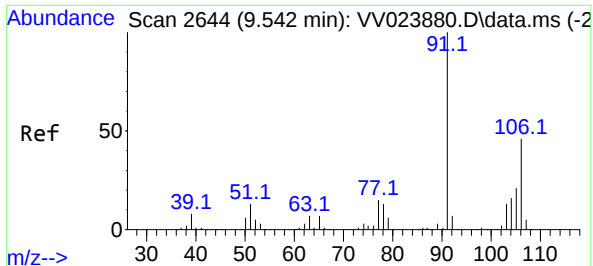
Tgt Ion: 43 Resp: 6508
Ion Ratio Lower Upper
43 100
58 29.0 44.5 66.7#
57 33.7 15.1 22.7#
100 1.1 10.7 16.1#



#53
m,p-xylene
Concen: 0.126 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.010 min
Lab File: VV023899.D
Acq: 10 Dec 2021 20:14

Tgt Ion:106 Resp: 1789
Ion Ratio Lower Upper
106 100
91 207.4 139.5 259.1

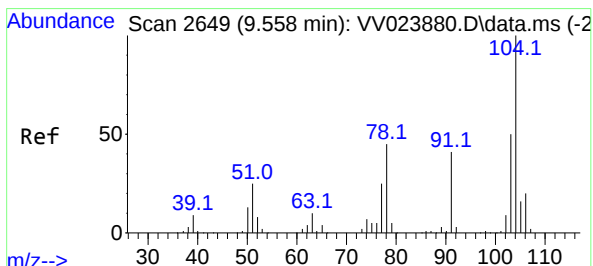
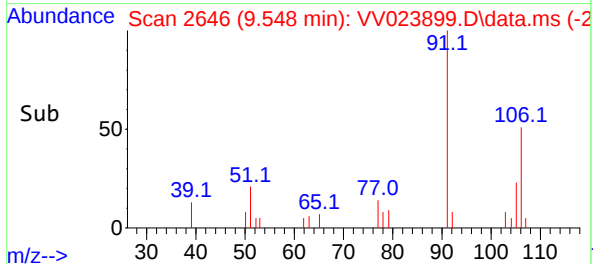
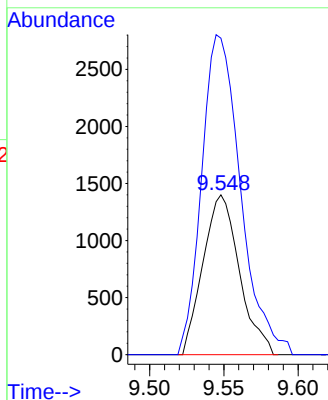
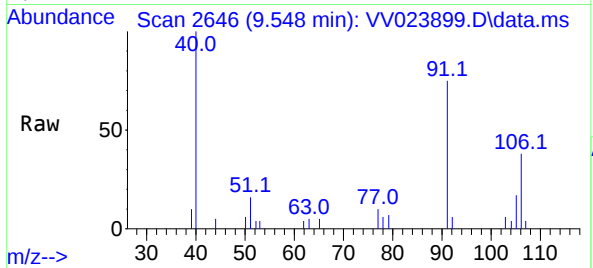




#54
o-xylene
Concen: 0.174 ug/L
RT: 9.548 min Scan# 2644
Delta R.T. 0.006 min
Lab File: VV023899.D
Acq: 10 Dec 2021 20:14

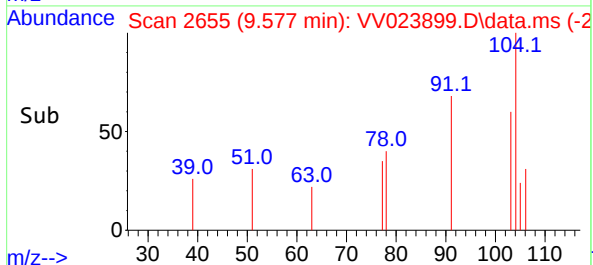
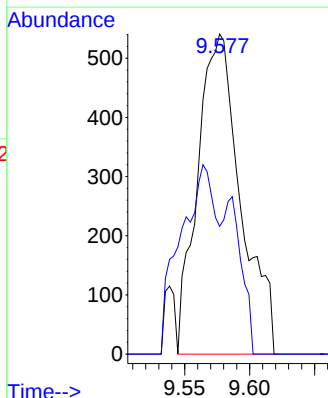
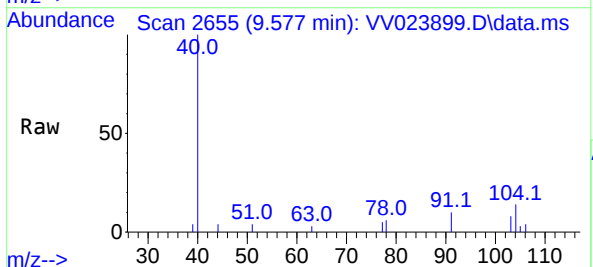
Instrument :
MSVOA_V
ClientSampleId :

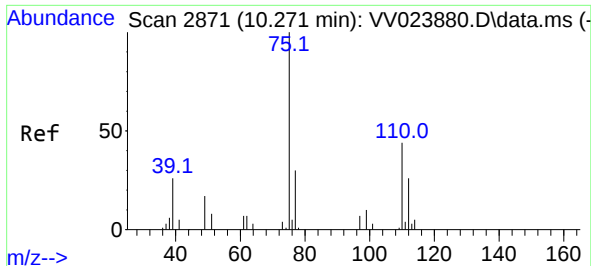
Tgt Ion:106 Resp: 2389
Ion Ratio Lower Upper
106 100
91 197.9 147.9 274.7



#55
Styrene
Concen: 0.055 ug/L
RT: 9.577 min Scan# 2655
Delta R.T. 0.019 min
Lab File: VV023899.D
Acq: 10 Dec 2021 20:14

Tgt Ion:104 Resp: 1250
Ion Ratio Lower Upper
104 100
78 39.9 31.0 57.6





#61

1,2,3-Trichloropropane

Concen: 1.524 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV023899.D

Acq: 10 Dec 2021 20:14

Instrument :

MSVOA_V

ClientSampleId :

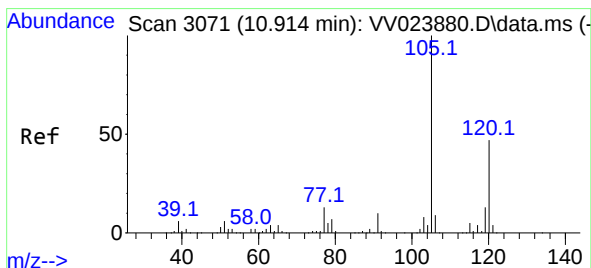
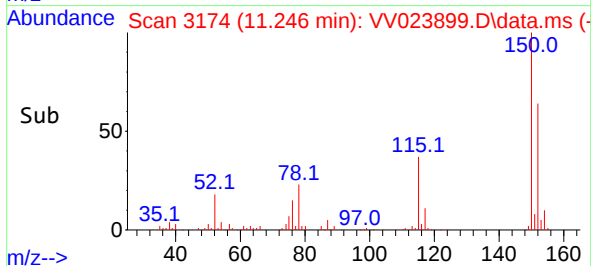
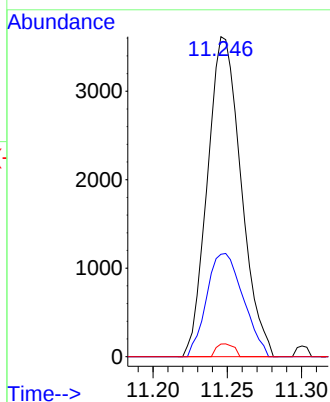
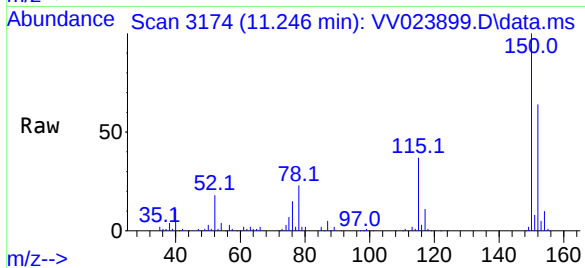
Tgt Ion: 75 Resp: 5693

Ion Ratio Lower Upper

75 100

77 35.0 26.4 39.6

110 2.1 34.2 51.2#



#63

1,2,4-Trimethylbenzene

Concen: 0.076 ug/L

RT: 10.921 min Scan# 3073

Delta R.T. 0.006 min

Lab File: VV023899.D

Acq: 10 Dec 2021 20:14

Tgt Ion: 105 Resp: 2020

Ion Ratio Lower Upper

105 100

120 53.2 36.7 55.1

