

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121021\
 Data File : VW023895.D
 Acq On : 10 Dec 2021 18:39
 Operator : SY/MD
 Sample : M4984-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 11 04:47:19 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)

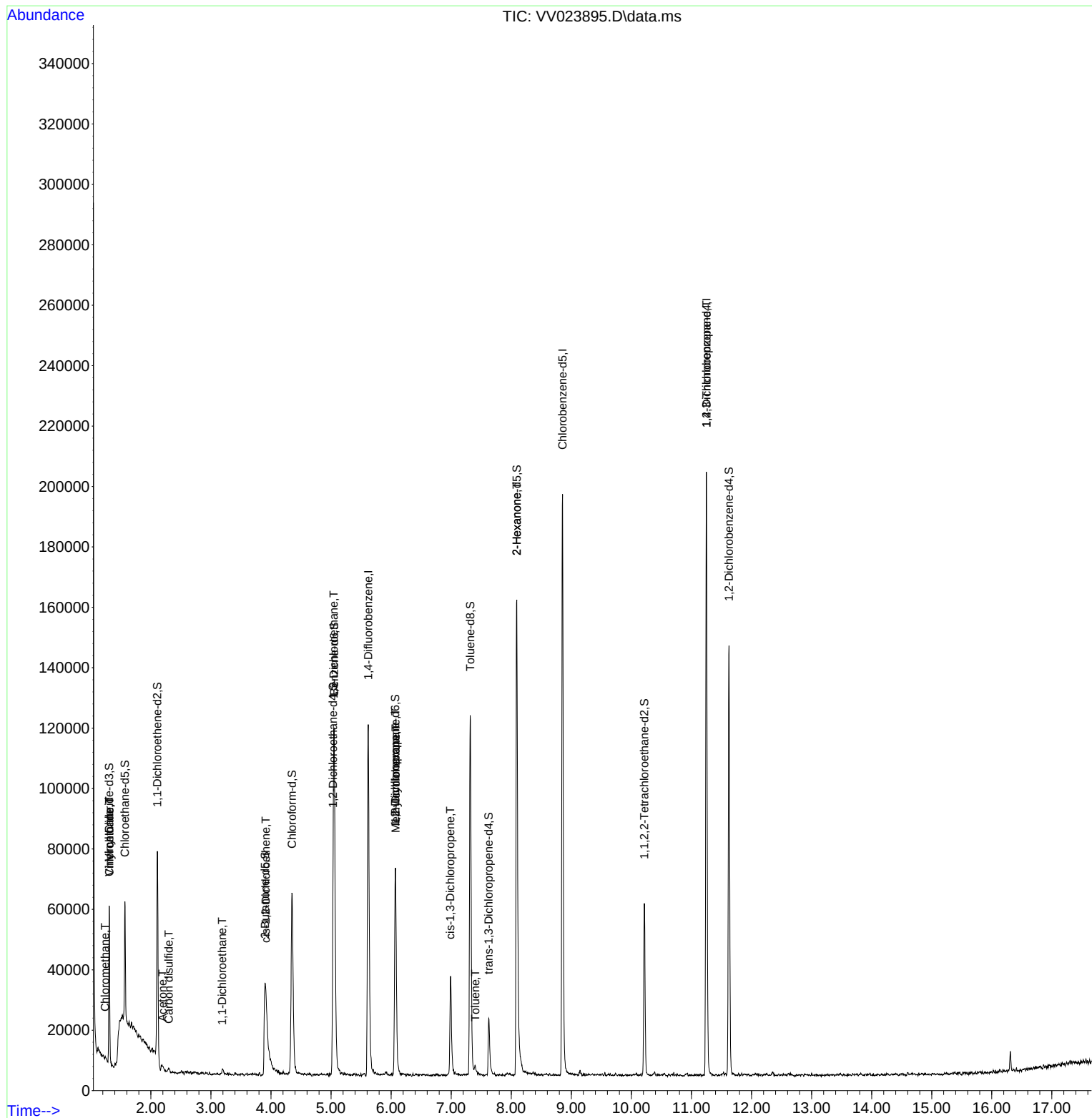
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	103188	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	108777	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54724	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	25811	4.653	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.568	69	22714	4.908	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.108	63	34807	3.214	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.200%
20) 2-Butanone-d5	3.902	46	67777	62.538	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.080%
24) Chloroform-d	4.349	84	59311	4.720	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.034	65	29902	5.111	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.053	84	101589	4.715	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.069	67	32133	4.943	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.317	98	80994	4.176	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	7.625	79	11450	4.246	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.092	63	56985	47.206	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.420%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25930	4.809	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	37719	5.160	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	425	0.055	ug/L	97
5) Vinyl chloride	1.311	62	5064	0.608	ug/L	84
8) Chloroethane	1.311	64	2233	0.412	ug/L	88
13) Acetone	2.195	43	3013	3.475	ug/L	95
14) Carbon disulfide	2.298	76	1802	0.090	ug/L #	74
19) 1,1-Dichloroethane	3.188	63	1903	0.138	ug/L	92
22) cis-1,2-Dichloroethene	3.912	96	1536	0.189	ug/L	86
27) 1,2-Dichloroethane	5.043	62	549	0.066	ug/L #	73
35) Methylcyclohexane	6.076	83	8891	0.696	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	4083	0.558	ug/L #	84
39) cis-1,3-Dichloropropene	6.986	75	984	0.091	ug/L #	67
42) Toluene	7.400	91	2402	0.069	ug/L	87
48) 2-Hexanone	8.092	43	6289	2.469	ug/L #	68
61) 1,2,3-Trichloropropane	11.249	75	5272	1.414	ug/L #	62

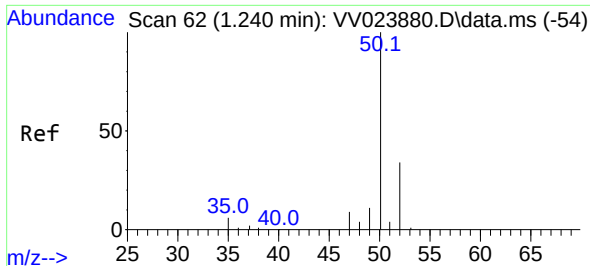
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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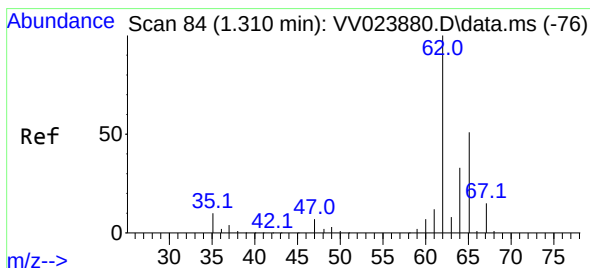
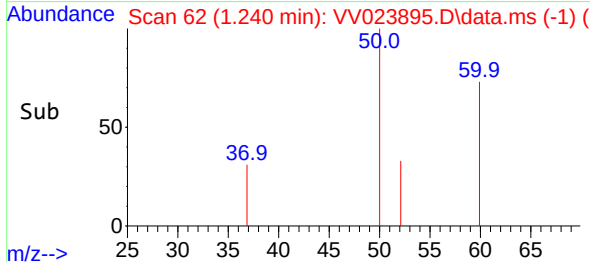
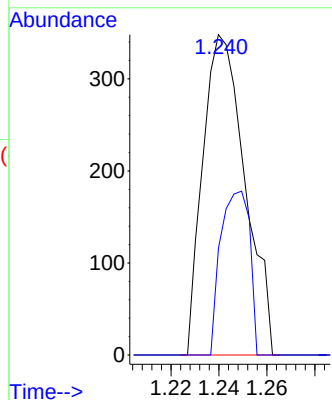
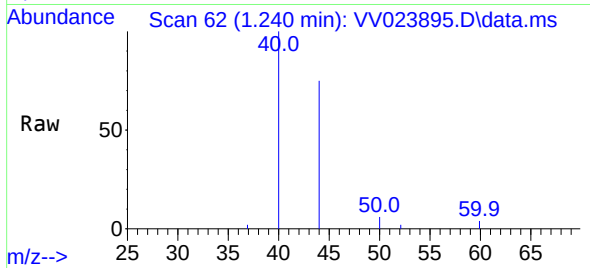




#3
Chloromethane
Concen: 0.055 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV023895.D
Acq: 10 Dec 2021 18:39

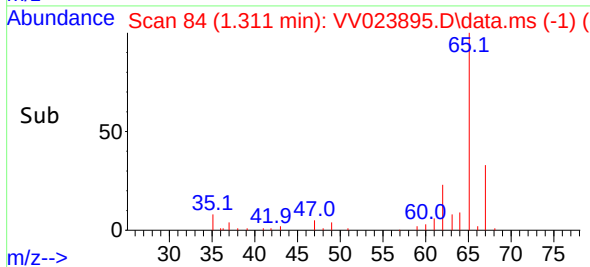
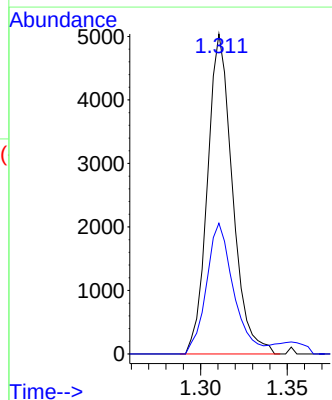
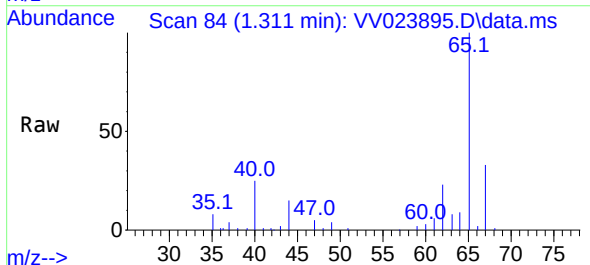
Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 50 Resp: 425
Ion Ratio Lower Upper
50 100
52 33.3 22.0 41.0

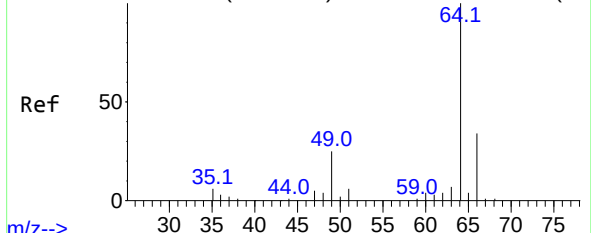


#5
Vinyl chloride
Concen: 0.608 ug/L
RT: 1.311 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV023895.D
Acq: 10 Dec 2021 18:39

Tgt Ion: 62 Resp: 5064
Ion Ratio Lower Upper
62 100
64 40.8 22.4 41.6

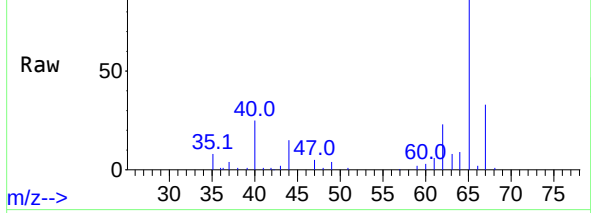


Abundance Scan 169 (1.584 min): VV023880.D\data.ms (-16



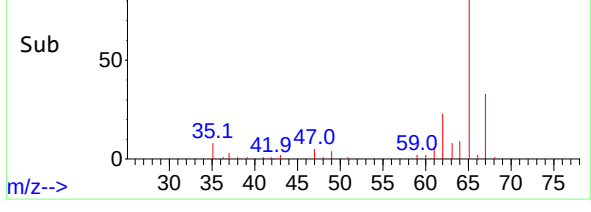
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Abundance Scan 84 (1.311 min): VV023895.D\data.ms



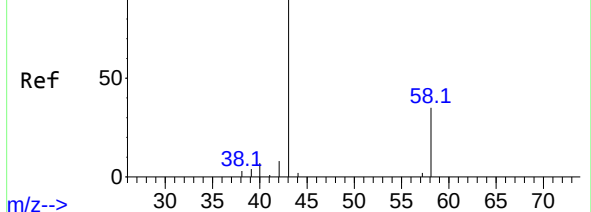
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Abundance Scan 84 (1.311 min): VV023895.D\data.ms (-76)



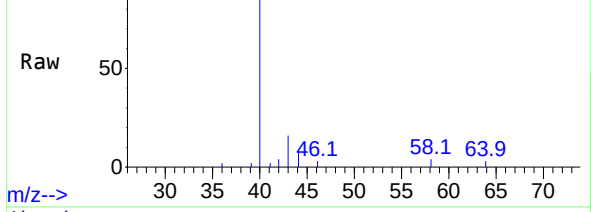
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Abundance Scan 358 (2.191 min): VV023880.D\data.ms (-34



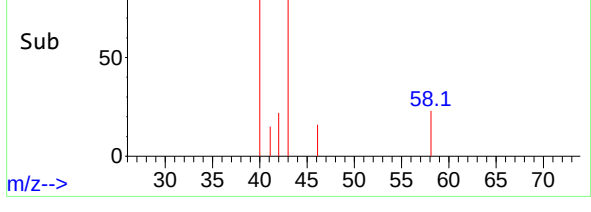
m/z-->

Abundance Scan 359 (2.195 min): VV023895.D\data.ms



m/z-->

Abundance Scan 359 (2.195 min): VV023895.D\data.ms (-26



m/z-->

#8

Chloroethane

Concen: 0.412 ug/L

RT: 1.311 min Scan# 84

Delta R.T. -0.273 min

Lab File: VV023895.D

Acq: 10 Dec 2021 18:39

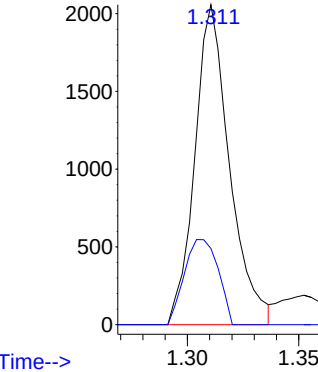
Tgt Ion: 64 Resp: 2233

Ion Ratio Lower Upper

64 100

66 23.8 21.4 39.8

Abundance



Time-->

#13

Acetone

Concen: 3.475 ug/L

RT: 2.195 min Scan# 359

Delta R.T. 0.003 min

Lab File: VV023895.D

Acq: 10 Dec 2021 18:39

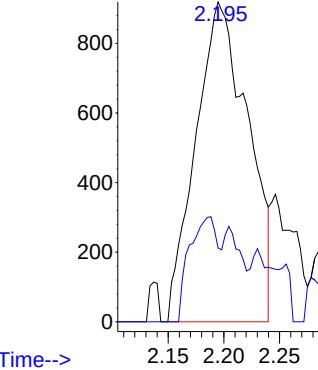
Tgt Ion: 43 Resp: 3013

Ion Ratio Lower Upper

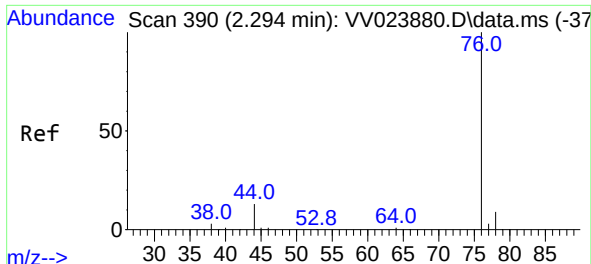
43 100

58 18.3 0.0 41.4

Abundance



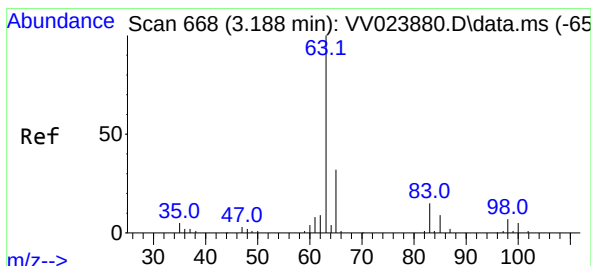
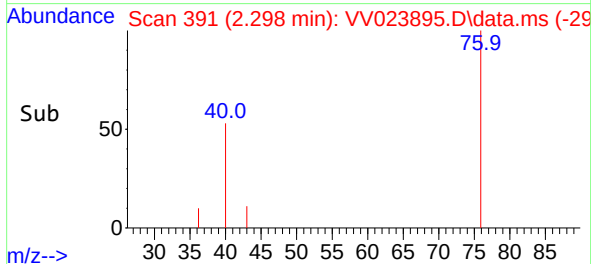
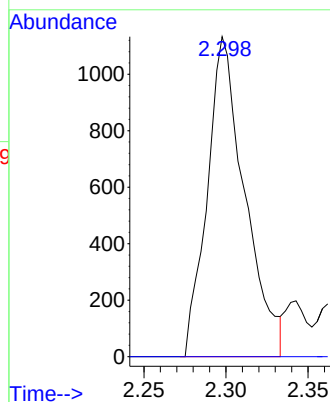
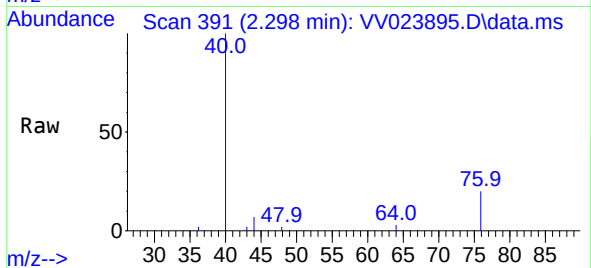
Time-->



#14
Carbon disulfide
Concen: 0.090 ug/L
RT: 2.298 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV023895.D
Acq: 10 Dec 2021 18:39

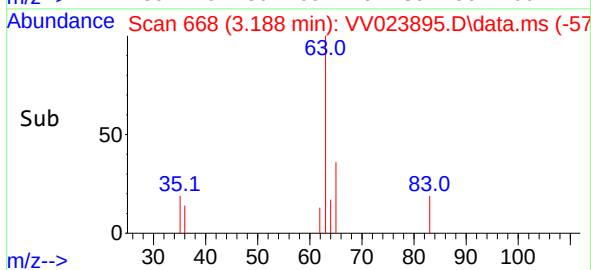
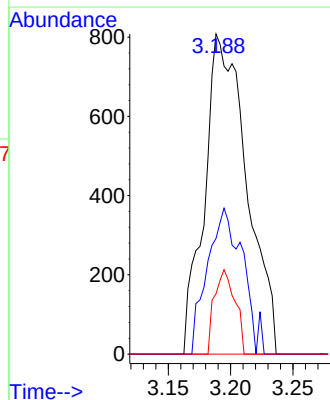
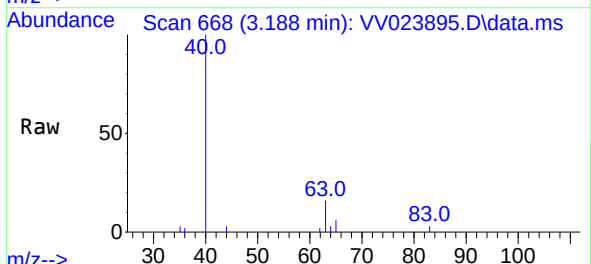
Instrument :
MSVOA_V
ClientSampleId :

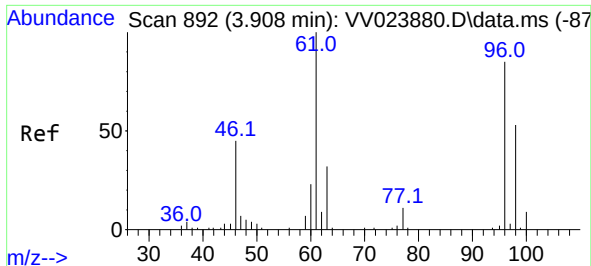
Tgt Ion: 76 Resp: 1802
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#19
1,1-Dichloroethane
Concen: 0.138 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.000 min
Lab File: VV023895.D
Acq: 10 Dec 2021 18:39

Tgt Ion: 63 Resp: 1903
Ion Ratio Lower Upper
63 100
65 36.1 22.3 41.3
83 18.8 10.7 19.9





#22

cis-1,2-Dichloroethene

Concen: 0.189 ug/L

RT: 3.912 min Scan# 89

Delta R.T. 0.003 min

Lab File: VV023895.D

Acq: 10 Dec 2021 18:39

Instrument :

MSVOA_V

ClientSampleId :

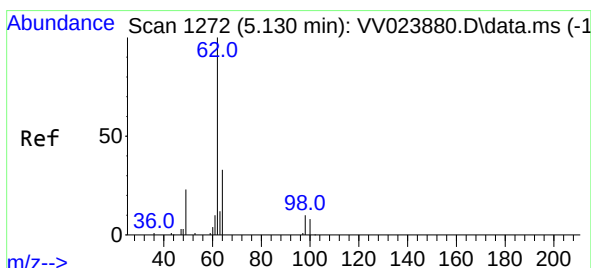
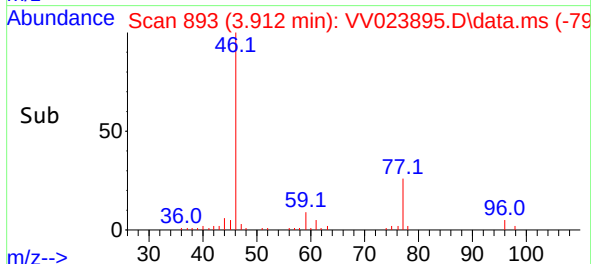
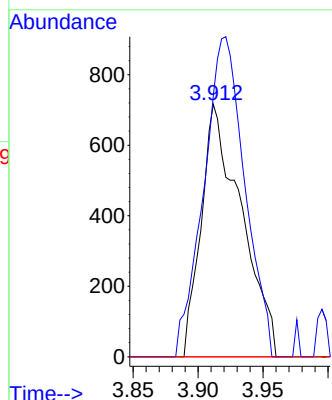
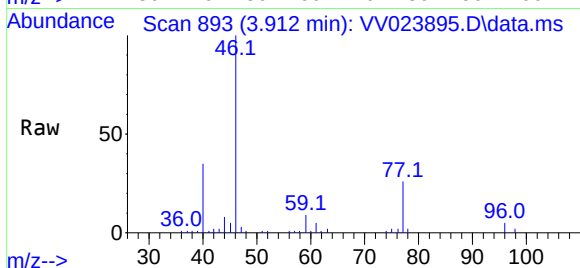
Tgt Ion: 96 Resp: 1536

Ion Ratio Lower Upper

96 100

61 103.5 83.4 154.8

68 0.0 0.0 0.0



#27

1,2-Dichloroethane

Concen: 0.066 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.087 min

Lab File: VV023895.D

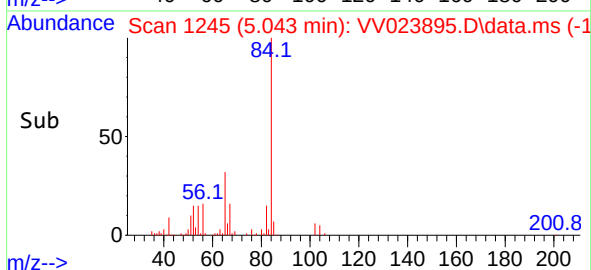
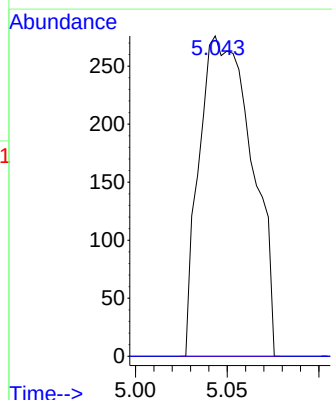
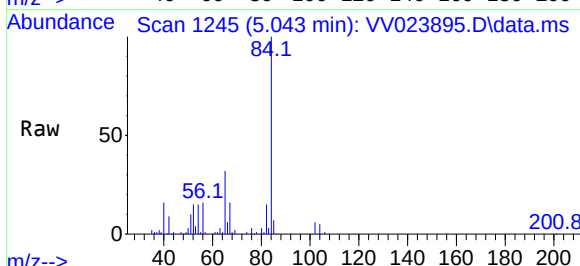
Acq: 10 Dec 2021 18:39

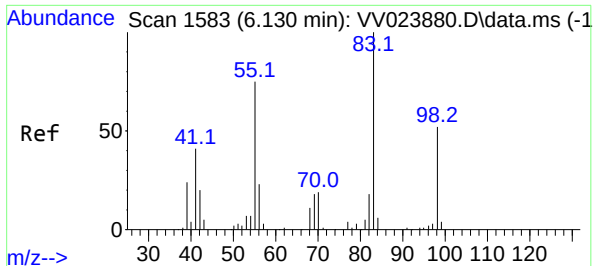
Tgt Ion: 62 Resp: 549

Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1#





#35

Methylcyclohexane

Concen: 0.696 ug/L

RT: 6.076 min Scan# 1566

Delta R.T. -0.054 min

Lab File: VV023895.D

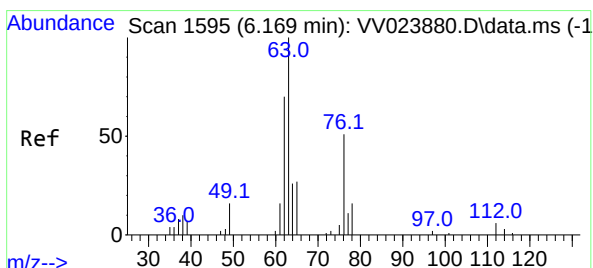
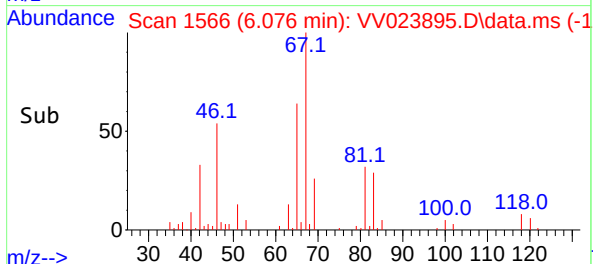
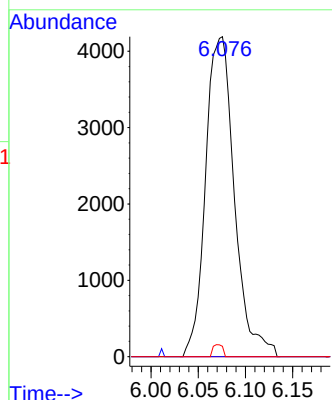
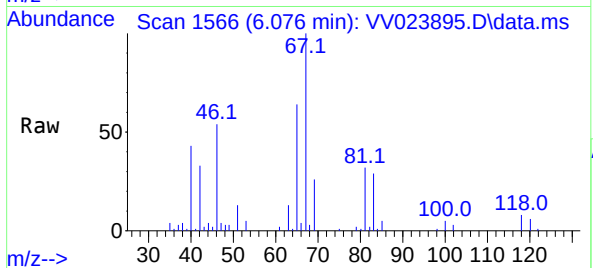
Acq: 10 Dec 2021 18:39

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 8891
Ion Ratio	Lower Upper
83	100
55	0.2 60.2 90.2#
98	1.3 41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.558 ug/L

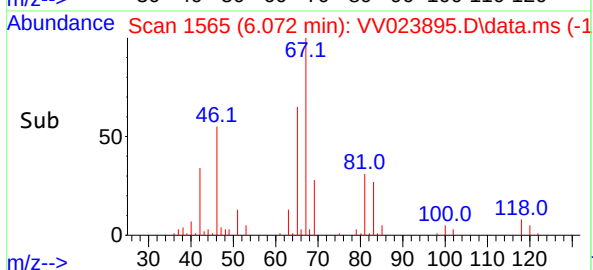
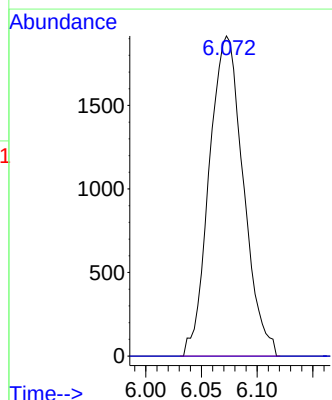
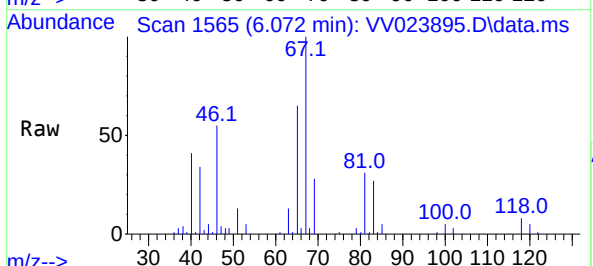
RT: 6.072 min Scan# 1565

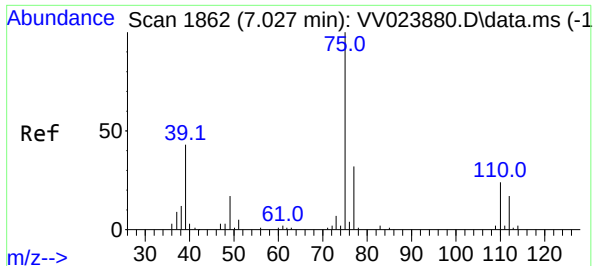
Delta R.T. -0.096 min

Lab File: VV023895.D

Acq: 10 Dec 2021 18:39

Tgt Ion: 63	Resp: 4083
Ion Ratio	Lower Upper
63	100
112	0.0 4.3 6.5#





#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 6.986 min Scan# 11

Delta R.T. -0.041 min

Lab File: VV023895.D

Acq: 10 Dec 2021 18:39

Instrument :

MSVOA_V

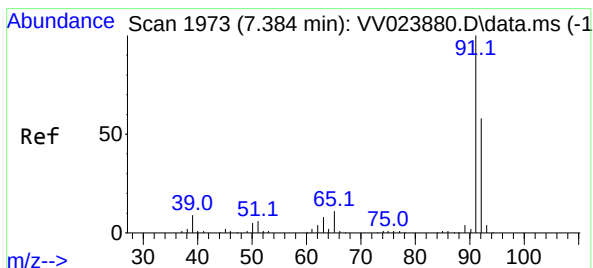
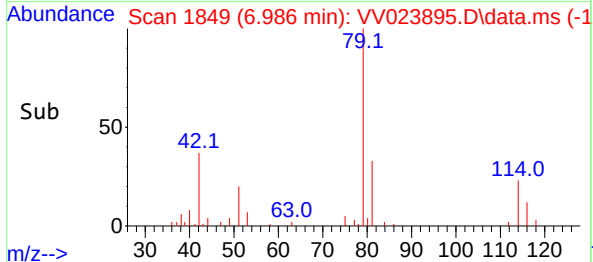
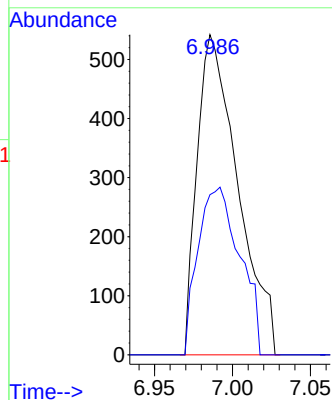
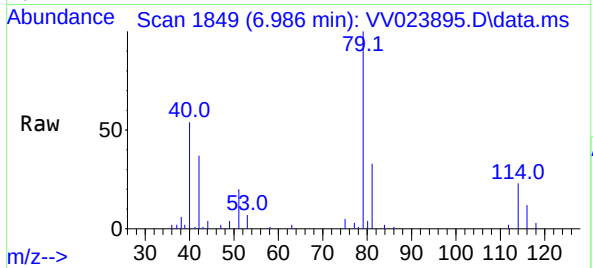
ClientSampleId :

Tgt Ion: 75 Resp: 984

Ion Ratio Lower Upper

75 100

77 50.0 22.0 41.0#



#42

Toluene

Concen: 0.069 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.016 min

Lab File: VV023895.D

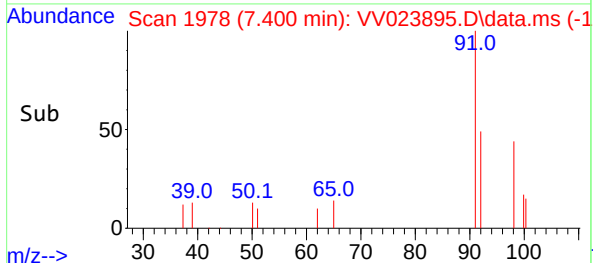
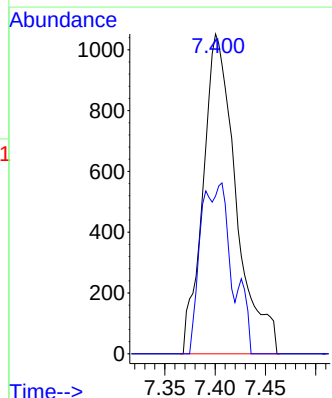
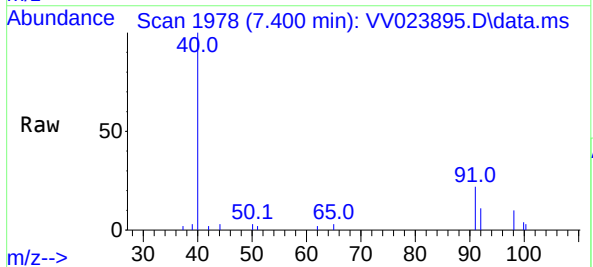
Acq: 10 Dec 2021 18:39

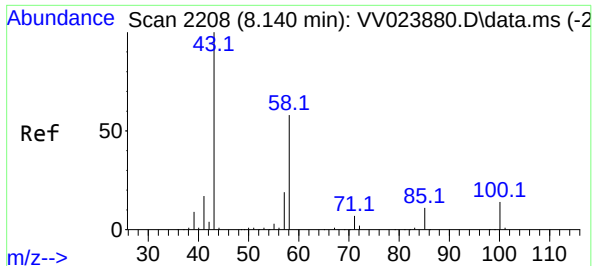
Tgt Ion: 91 Resp: 2402

Ion Ratio Lower Upper

91 100

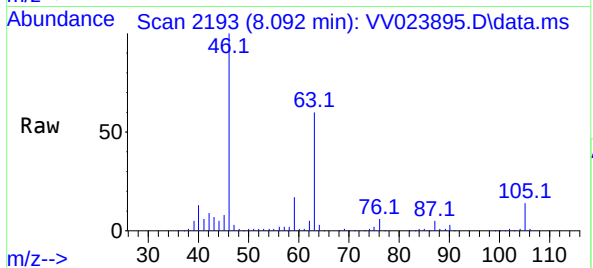
92 49.3 41.5 77.1





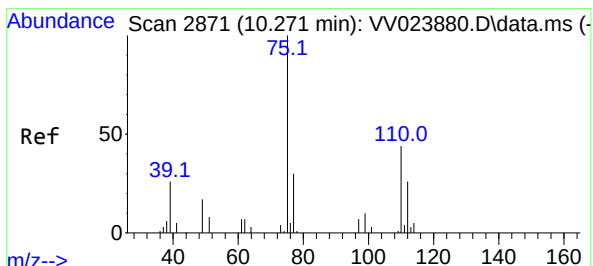
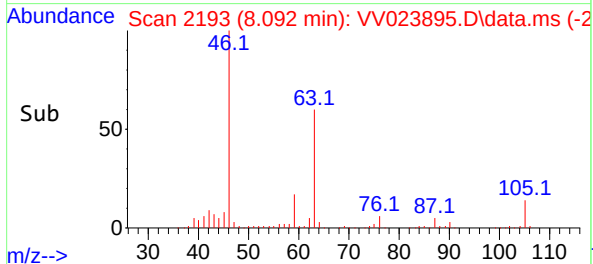
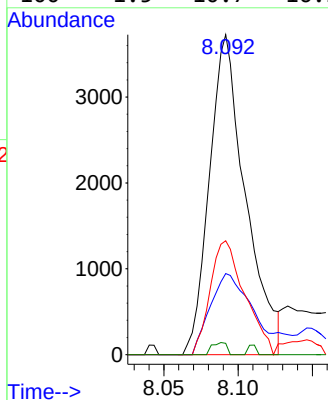
#48
2-Hexanone
Concen: 2.469 ug/L
RT: 8.092 min Scan# 2193
Delta R.T. -0.048 min
Lab File: VV023895.D
Acq: 10 Dec 2021 18:39

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 6289

Ion	Ratio	Lower	Upper
43	100		
58	32.2	44.5	66.7#
57	34.2	15.1	22.7#
100	1.5	10.7	16.1#



#61
1,2,3-Trichloropropane
Concen: 1.414 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.978 min
Lab File: VV023895.D
Acq: 10 Dec 2021 18:39

Tgt Ion: 75 Resp: 5272

Ion	Ratio	Lower	Upper
75	100		
77	36.0	26.4	39.6
110	1.8	34.2	51.2#

