

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101421\
 Data File : VW022796.D
 Acq On : 14 Oct 2021 16:41
 Operator : SY/MD
 Sample : M4214-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 JDGG2

Quant Time: Oct 15 02:00:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 15 01:58:00 2021
 Response via : Initial Calibration

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

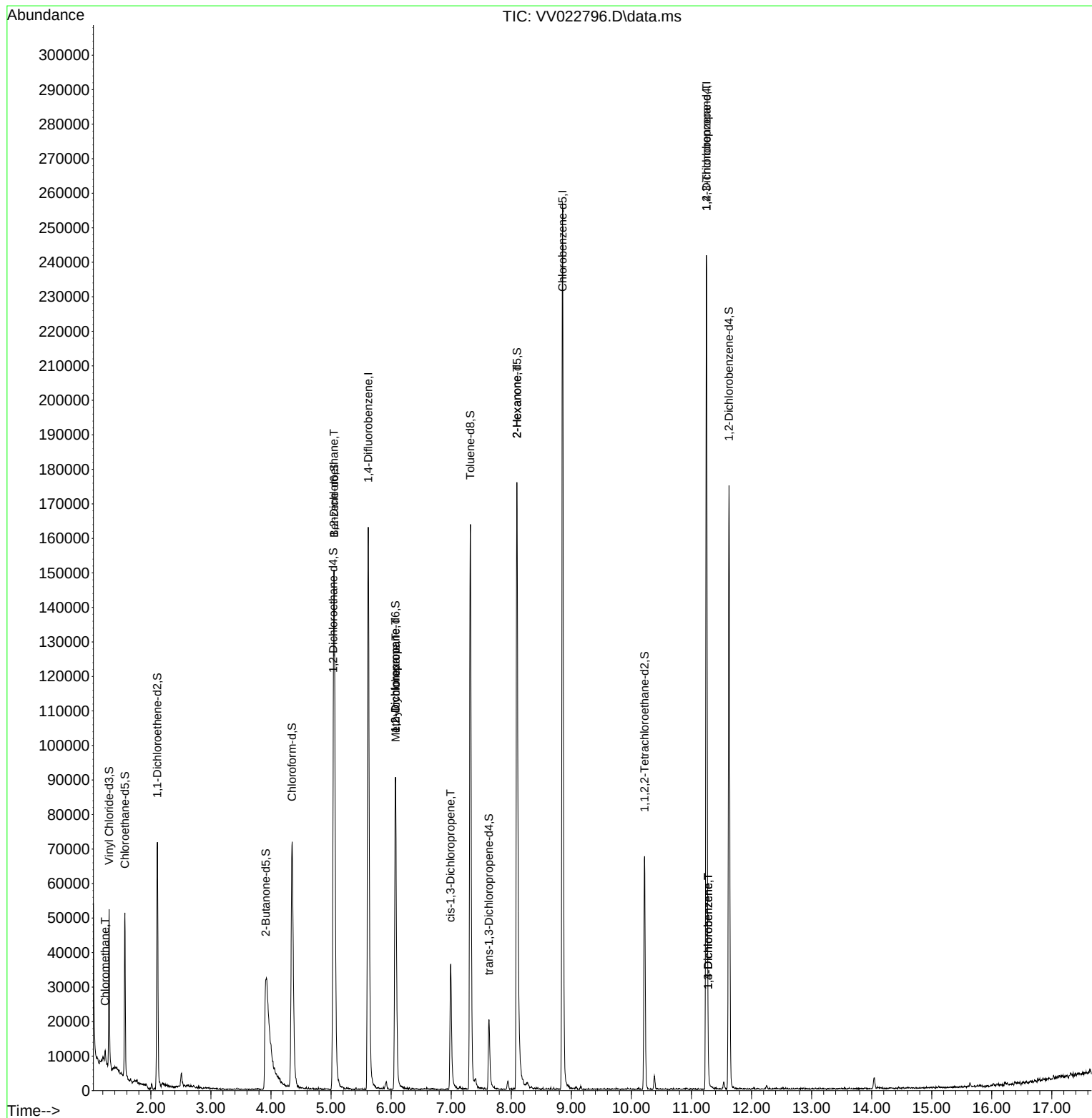
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	143908	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	145427	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67882	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	27824	2.810	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.200%
7) Chloroethane-d5	1.568	69	29325	3.296	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.000%
11) 1,1-Dichloroethene-d2	2.108	63	37240	1.917	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	38.400%#
20) 2-Butanone-d5	3.912	46	71387	27.498	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	55.000%
24) Chloroform-d	4.349	84	74948	3.673	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.400%
26) 1,2-Dichloroethane-d4	5.037	65	33886	3.422	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.400%#
32) Benzene-d6	5.053	84	137821	3.183	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	63.600%#
36) 1,2-Dichloropropane-d6	6.072	67	45830	3.575	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.400%
41) Toluene-d8	7.320	98	111374	2.976	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	59.600%#
43) trans-1,3-Dichloroprop...	7.628	79	13197	3.103	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.000%
46) 2-Hexanone-d5	8.095	63	63718	37.176	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.360%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	33407	3.846	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	46824	3.720	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	74.400%#
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1995	0.189	ug/L	97
27) 1,2-Dichloroethane	5.047	62	881	0.089	ug/L #	69
35) Methylcyclohexane	6.075	83	11633	0.780	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	4921	0.522	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1035	0.083	ug/L #	72
48) 2-Hexanone	8.095	43	8595	2.322	ug/L #	68
61) 1,2,3-Trichloropropane	11.249	75	7699	1.632	ug/L #	63
64) 1,3-Dichlorobenzene	11.278	146	1576	0.087	ug/L	91
65) 1,4-Dichlorobenzene	11.278	146	1576	0.086	ug/L	92

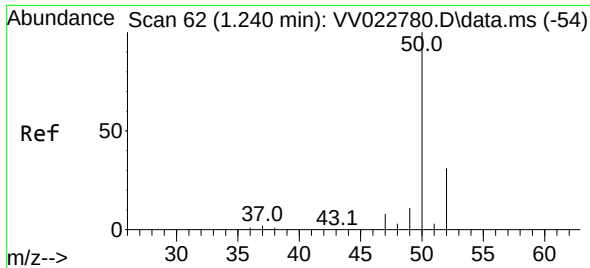
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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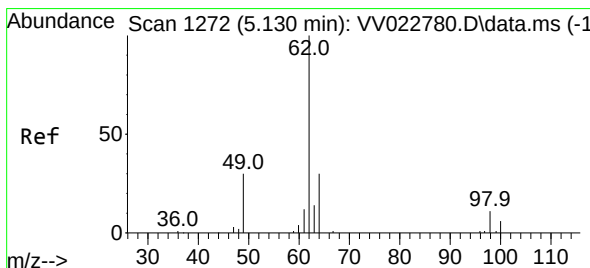
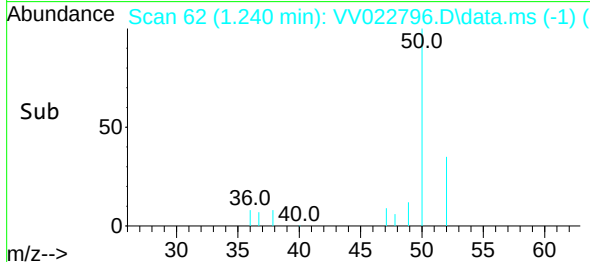
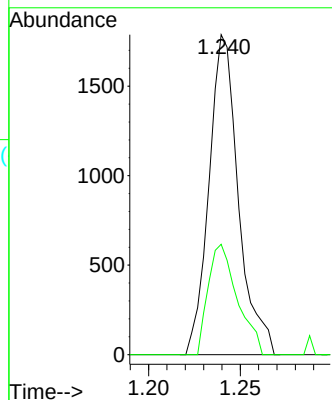
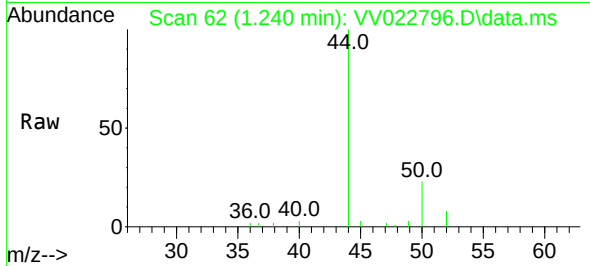




#3
Chloromethane
Concen: 0.189 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV022796.D
Acq: 14 Oct 2021 16:41

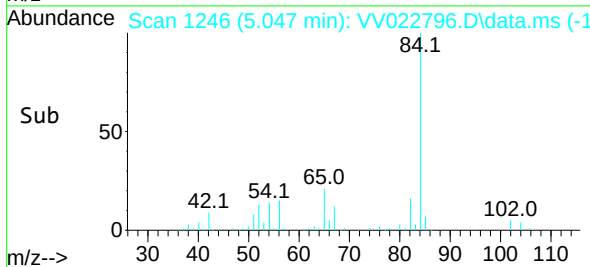
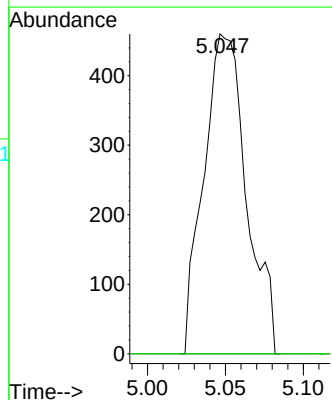
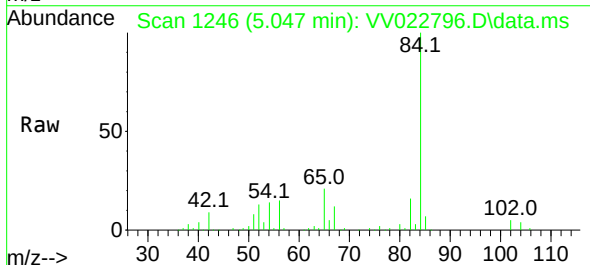
Instrument :
MSVOA_V
ClientSampled :
JDGG2

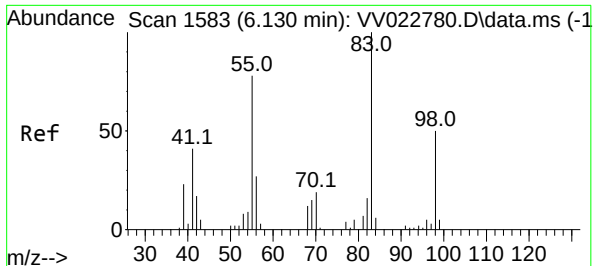
Tgt Ion: 50 Resp: 1995
Ion Ratio Lower Upper
50 100
52 34.5 22.9 42.5



#27
1,2-Dichloroethane
Concen: 0.089 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. -0.084 min
Lab File: VV022796.D
Acq: 14 Oct 2021 16:41

Tgt Ion: 62 Resp: 881
Ion Ratio Lower Upper
62 100
98 0.0 9.7 14.5#





#35

Methylcyclohexane

Concen: 0.780 ug/L

RT: 6.075 min Scan# 1566

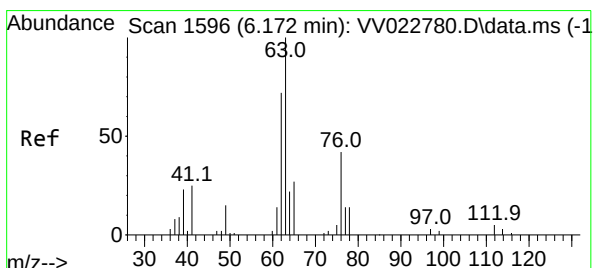
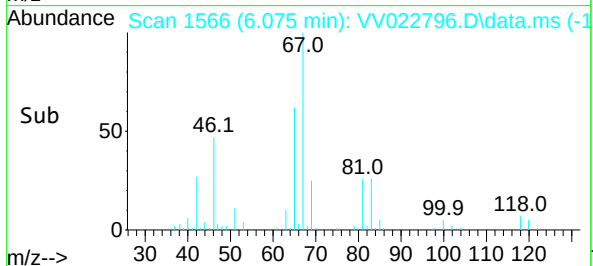
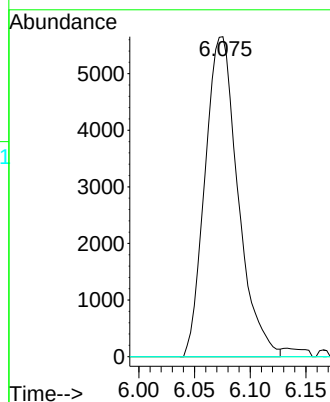
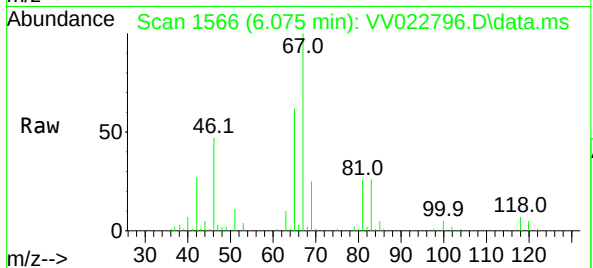
Delta R.T. -0.055 min

Lab File: VV022796.D

Acq: 14 Oct 2021 16:41

Tgt Ion:	83	Resp:	11633
Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.8	95.6#
98	4.5	42.1	63.1#

Instrument :
MSVOA_V
ClientSampleId :
JDGG2



#37

1,2-Dichloropropane

Concen: 0.522 ug/L

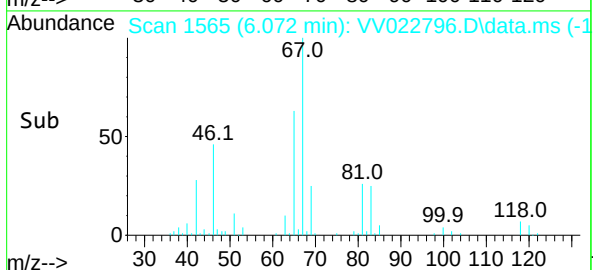
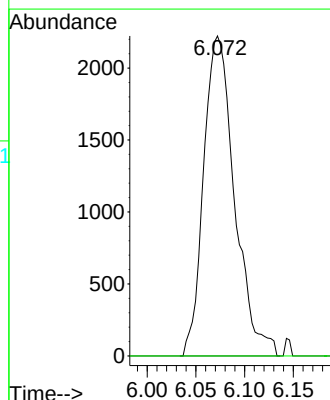
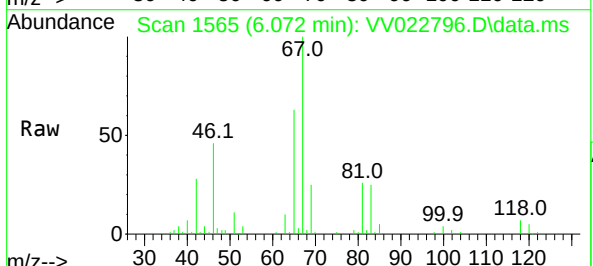
RT: 6.072 min Scan# 1565

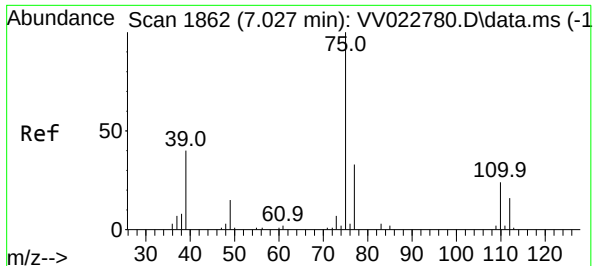
Delta R.T. -0.100 min

Lab File: VV022796.D

Acq: 14 Oct 2021 16:41

Tgt Ion:	63	Resp:	4921
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.4	6.6#

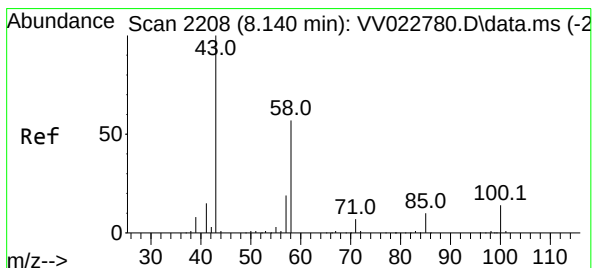
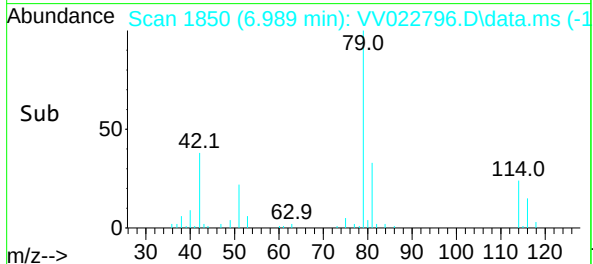
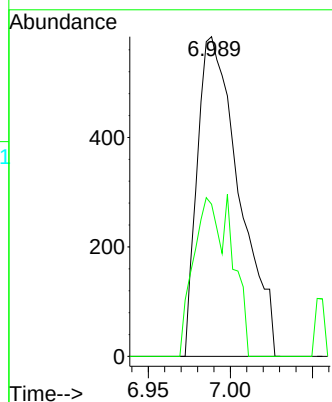
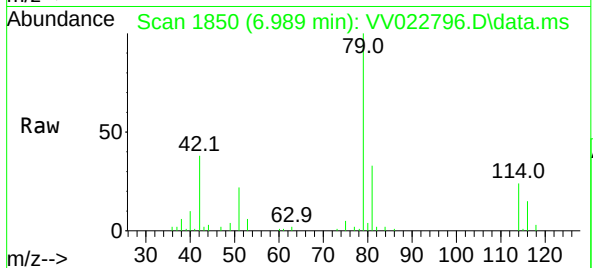




#39
cis-1,3-Dichloropropene
Concen: 0.083 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.039 min
Lab File: VV022796.D
Acq: 14 Oct 2021 16:41

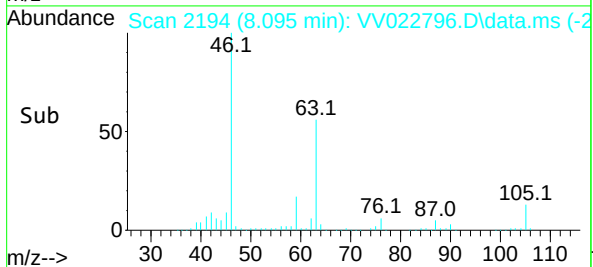
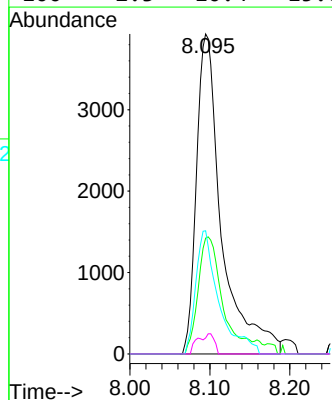
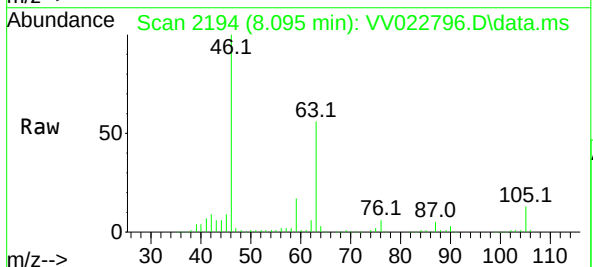
Instrument :
MSVOA_V
ClientSampled :
JDGG2

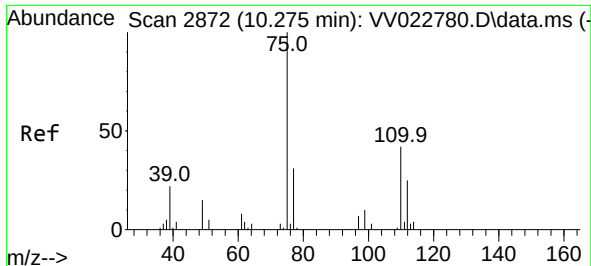
Tgt Ion: 75 Resp: 1035
Ion Ratio Lower Upper
75 100
77 47.6 22.3 41.3#



#48
2-Hexanone
Concen: 2.322 ug/L
RT: 8.095 min Scan# 2194
Delta R.T. -0.045 min
Lab File: VV022796.D
Acq: 14 Oct 2021 16:41

Tgt Ion: 43 Resp: 8595
Ion Ratio Lower Upper
43 100
58 35.5 47.4 71.0#
57 35.2 15.3 22.9#
100 2.3 10.4 15.6#

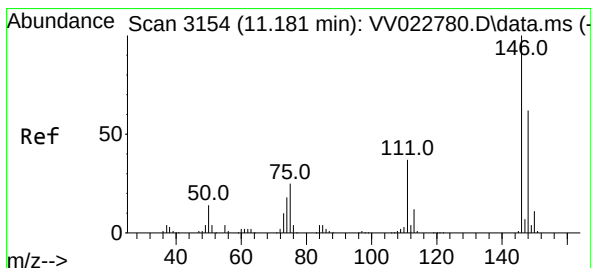
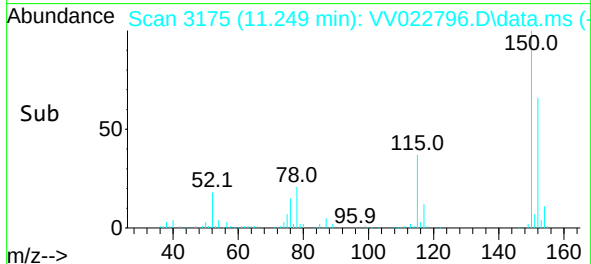
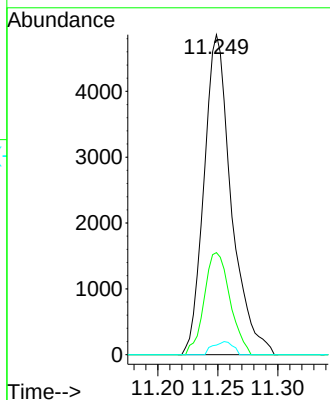
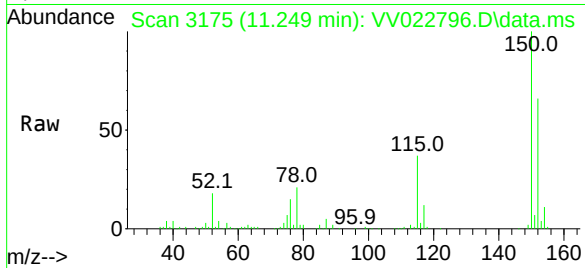




#61
1,2,3-Trichloropropane
Concen: 1.632 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022796.D
Acq: 14 Oct 2021 16:41

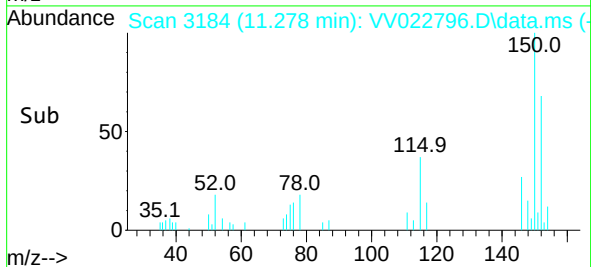
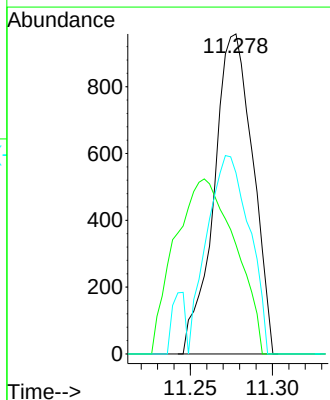
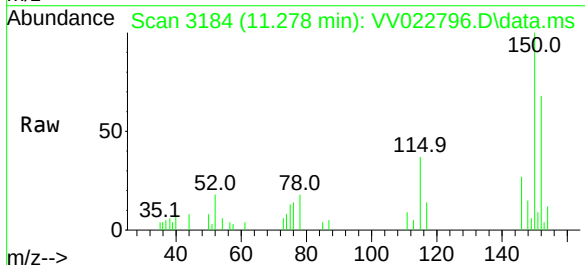
Instrument :
MSVOA_V
ClientSampled :
JDGG2

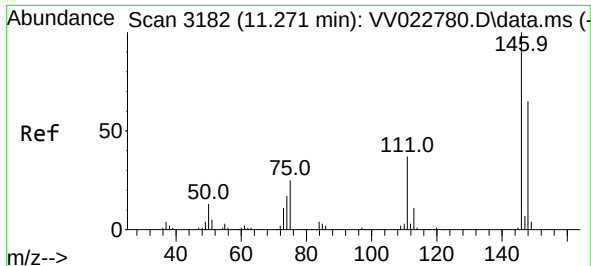
Tgt Ion: 75 Resp: 7699
Ion Ratio Lower Upper
75 100
77 30.1 25.4 38.2
110 3.0 34.2 51.4#



#64
1,3-Dichlorobenzene
Concen: 0.087 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.096 min
Lab File: VV022796.D
Acq: 14 Oct 2021 16:41

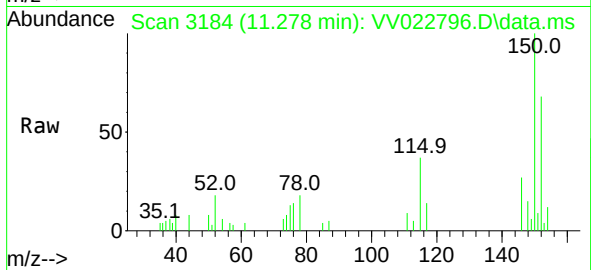
Tgt Ion: 146 Resp: 1576
Ion Ratio Lower Upper
146 100
111 34.1 26.7 49.5
148 56.6 45.1 83.9





#65
 1,4-Dichlorobenzene
 Concen: 0.086 ug/L
 RT: 11.278 min Scan# 3184
 Delta R.T. 0.006 min
 Lab File: VV022796.D
 Acq: 14 Oct 2021 16:41

Instrument :
 MSVOA_V
 ClientSampleId :
 JDGG2



Tgt Ion:	146	Resp:	1576
Ion	Ratio	Lower	Upper
146	100		
111	34.1	25.6	47.4
148	56.6	44.9	83.5

