

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100322\
 Data File : VV028287.D
 Acq On : 03 Oct 2022 18:48
 Operator : SY/MD
 Sample : N4856-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 02:47:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

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

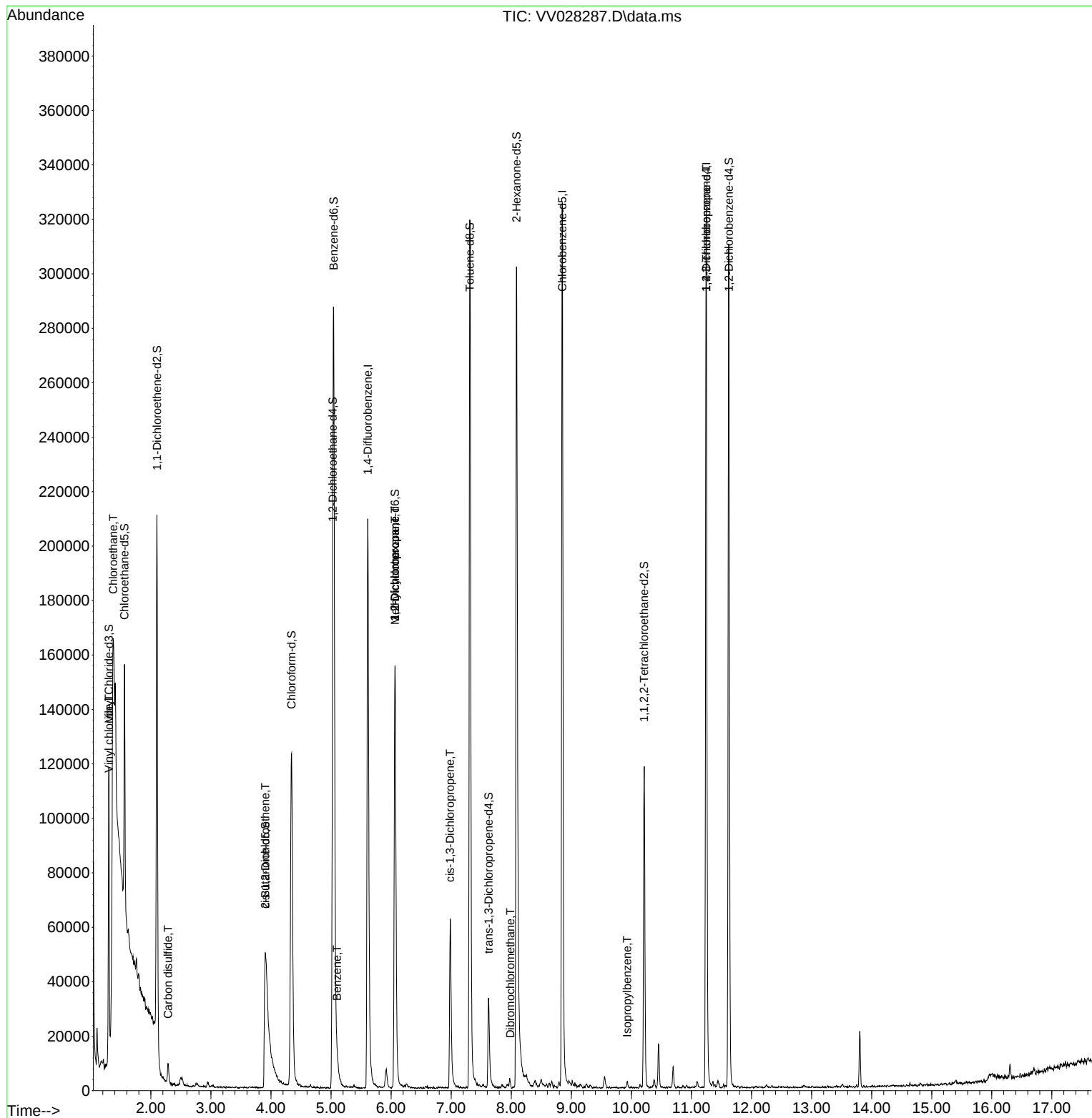
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	192377	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	195120	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	93556	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	63313	4.380	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.561	69	56576	4.624	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.101	63	95453	3.504	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.000%
20) 2-Butanone-d5	3.905	46	118367	48.398	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.800%
24) Chloroform-d	4.342	84	134940	5.153	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	5.027	65	62880	5.180	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.043	84	273773	5.115	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
36) 1,2-Dichloropropane-d6	6.066	67	82248	5.357	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.200%
41) Toluene-d8	7.310	98	225575	4.582	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	7.622	79	22224	3.800	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.000%
46) 2-Hexanone-d5	8.088	63	122771	51.291	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.580%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	59845	5.142	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	84298	5.236	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.304	62	661	0.040	ug/L #	1
8) Chloroethane	1.375	64	608752	55.314	ug/L #	50
14) Carbon disulfide	2.285	76	8512	0.198	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	1349	0.093	ug/L	97
33) Benzene	5.098	78	8899	0.153	ug/L	100
35) Methylcyclohexane	6.063	83	20133	0.848	ug/L #	16
37) 1,2-Dichloropropane	6.066	63	8517	0.633	ug/L #	87
39) cis-1,3-Dichloropropene	6.982	75	1588	0.083	ug/L	94
49) Dibromochloromethane	7.985	129	505	0.040	ug/L #	11
60) Isopropylbenzene	9.931	105	1839	0.032	ug/L #	93
61) 1,2,3-Trichloropropane	11.246	75	9562	1.325	ug/L #	67

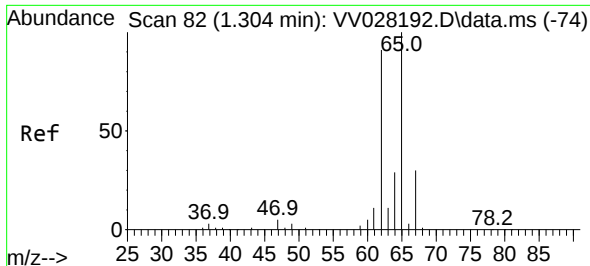
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100322\
Data File : VV028287.D
Acq On : 03 Oct 2022 18:48
Operator : SY/MD
Sample : N4856-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

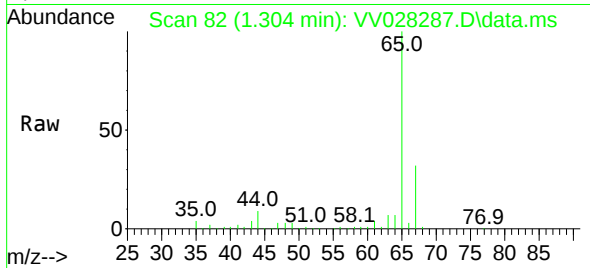
Quant Time: Oct 04 02:47:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 04 02:28:45 2022
Response via : Initial Calibration



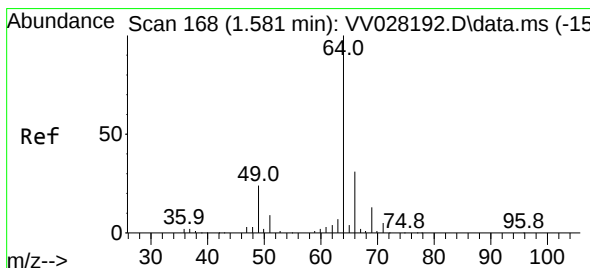
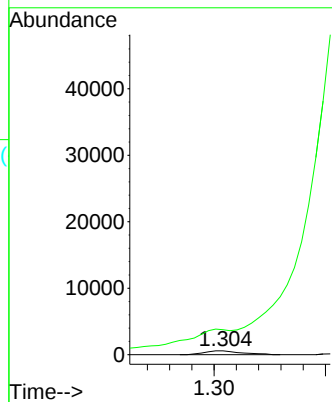
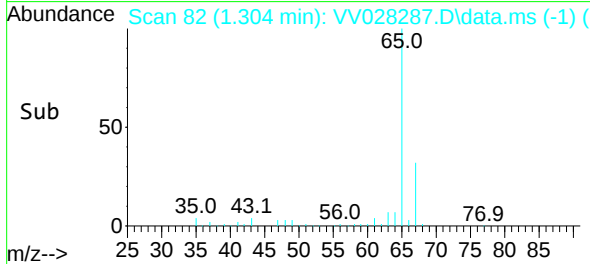


#5
 Vinyl chloride
 Concen: 0.040 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV028287.D
 Acq: 03 Oct 2022 18:48

Instrument :
 MSVOA_V
 ClientSampleId :

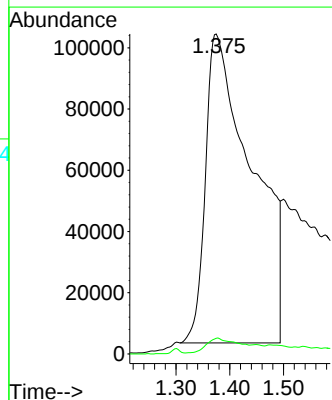
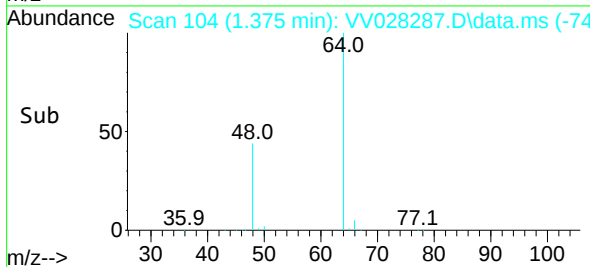
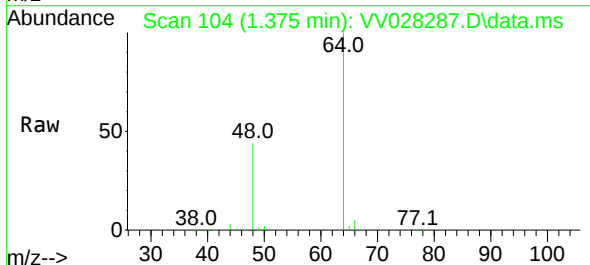


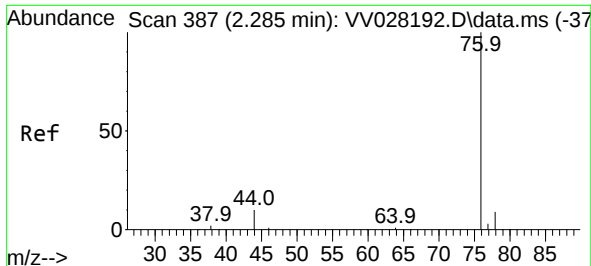
Tgt Ion: 62 Resp: 661
 Ion Ratio Lower Upper
 62 100
 64 640.0 23.0 42.8#



#8
 Chloroethane
 Concen: 55.314 ug/L
 RT: 1.375 min Scan# 104
 Delta R.T. -0.203 min
 Lab File: VV028287.D
 Acq: 03 Oct 2022 18:48

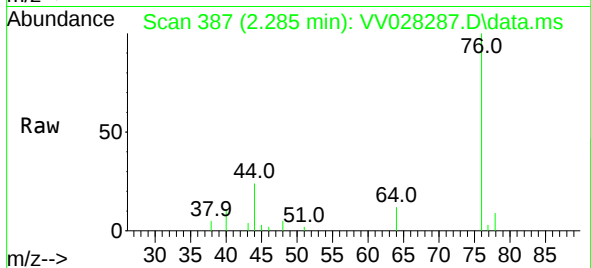
Tgt Ion: 64 Resp: 608752
 Ion Ratio Lower Upper
 64 100
 66 4.9 23.0 42.8#



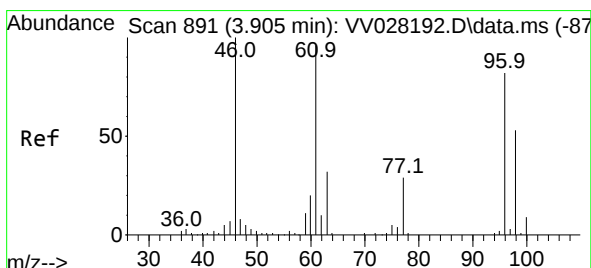
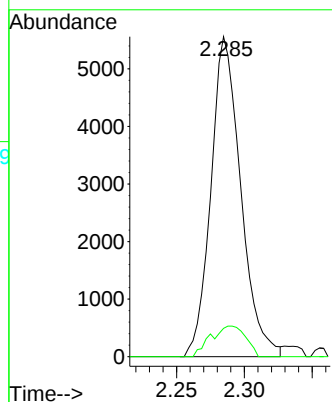
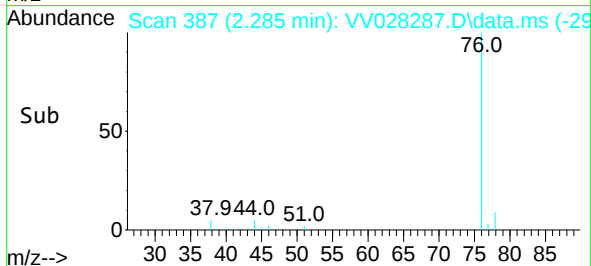


#14
Carbon disulfide
Concen: 0.198 ug/L
RT: 2.285 min Scan# 387
Delta R.T. 0.000 min
Lab File: VV028287.D
Acq: 03 Oct 2022 18:48

Instrument :
MSVOA_V
ClientSampleId :

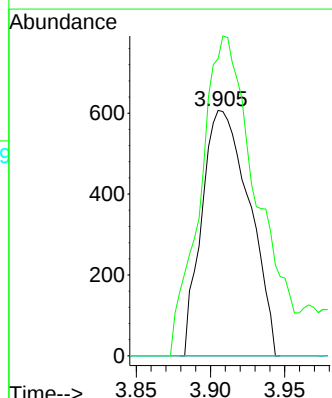
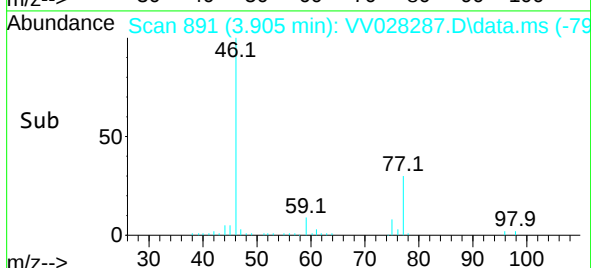
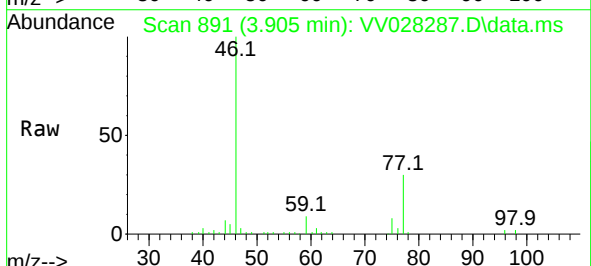


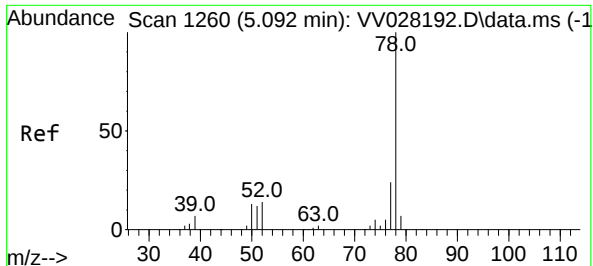
Tgt Ion: 76 Resp: 8512
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4



#22
cis-1,2-Dichloroethene
Concen: 0.093 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.000 min
Lab File: VV028287.D
Acq: 03 Oct 2022 18:48

Tgt Ion: 96 Resp: 1349
Ion Ratio Lower Upper
96 100
61 121.1 87.2 161.9
68 0.0 0.0 0.0

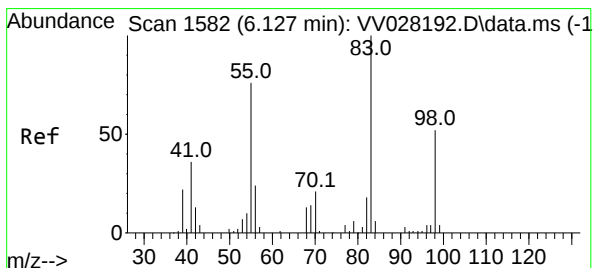
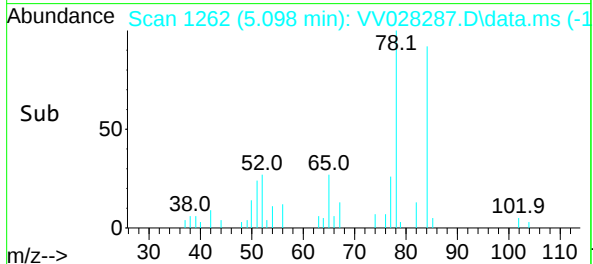
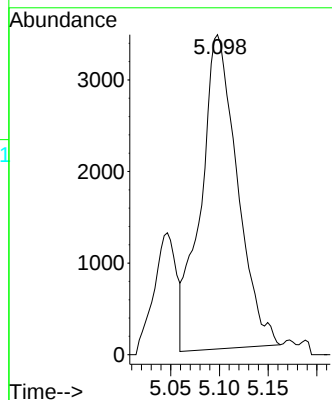
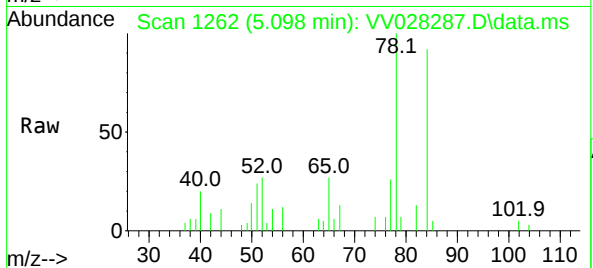




#33
Benzene
Concen: 0.153 ug/L
RT: 5.098 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV028287.D
Acq: 03 Oct 2022 18:48

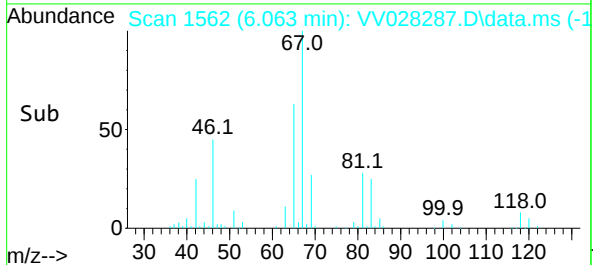
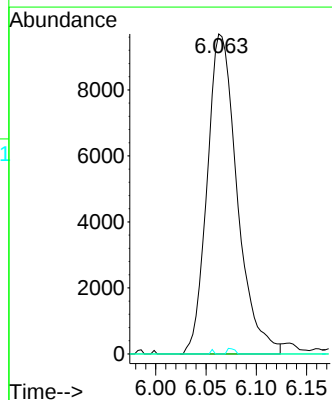
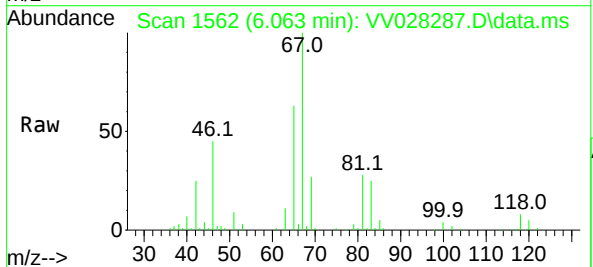
Instrument :
MSVOA_V
ClientSampleId :

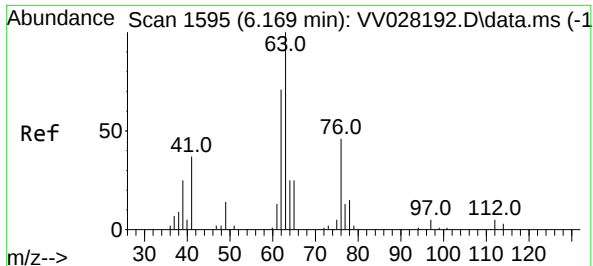
Tgt Ion: 78 Resp: 8899



#35
Methylcyclohexane
Concen: 0.848 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.061 min
Lab File: VV028287.D
Acq: 03 Oct 2022 18:48

Tgt Ion: 83 Resp: 20133
Ion Ratio Lower Upper
83 100
55 0.0 64.7 97.1#
98 0.1 39.5 59.3#





#37

1,2-Dichloropropane

Concen: 0.633 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV028287.D

Acq: 03 Oct 2022 18:48

Instrument :

MSVOA_V

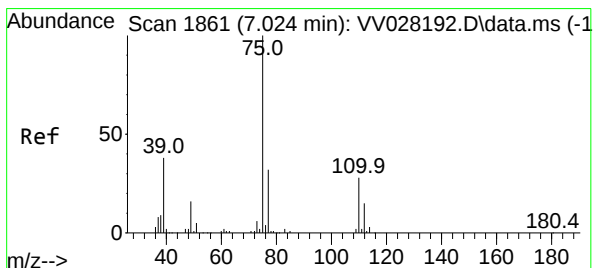
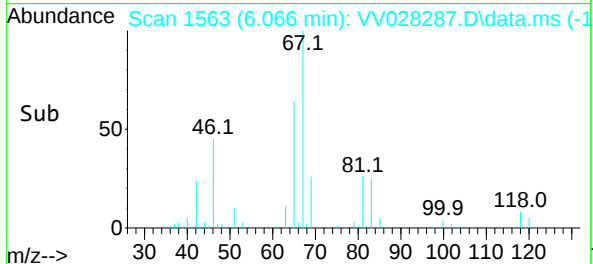
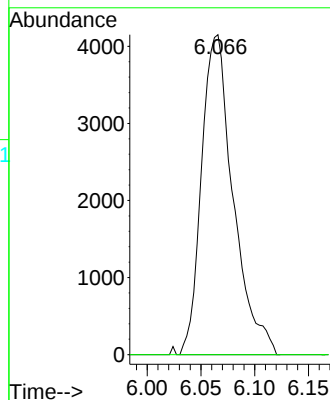
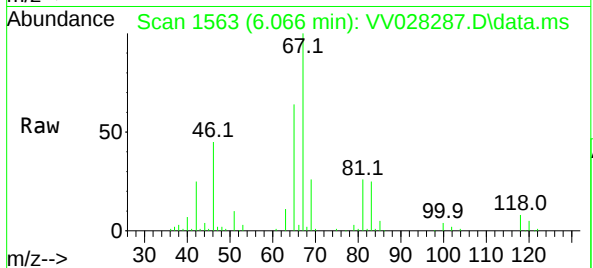
ClientSampleId :

Tgt Ion: 63 Resp: 8517

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



#39

cis-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 6.982 min Scan# 1848

Delta R.T. -0.042 min

Lab File: VV028287.D

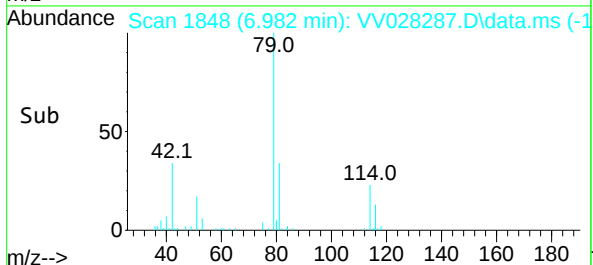
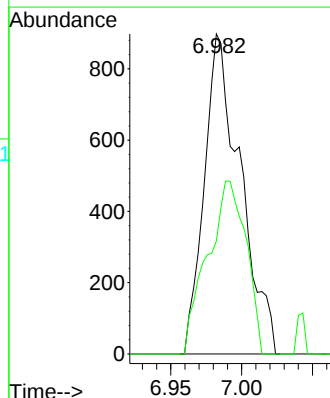
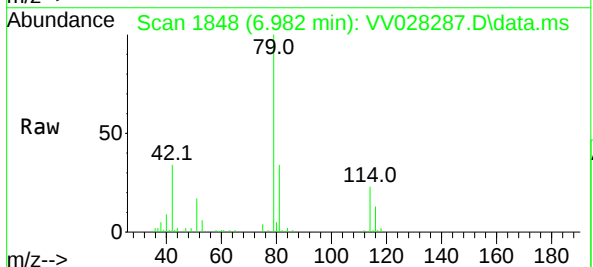
Acq: 03 Oct 2022 18:48

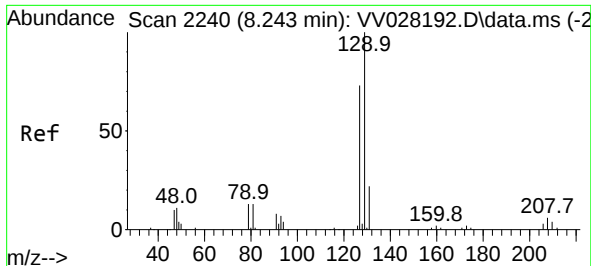
Tgt Ion: 75 Resp: 1588

Ion Ratio Lower Upper

75 100

77 35.3 22.4 41.6





#49

Dibromochloromethane

Concen: 0.040 ug/L

RT: 7.985 min Scan# 2160

Delta R.T. -0.257 min

Lab File: VV028287.D

Acq: 03 Oct 2022 18:48

Instrument :

MSVOA_V

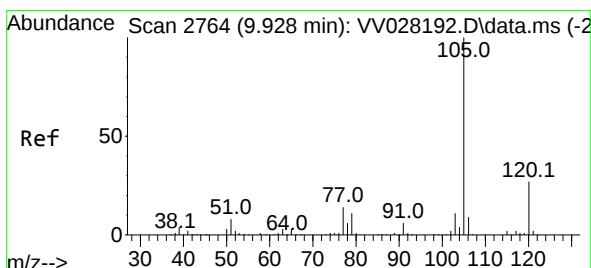
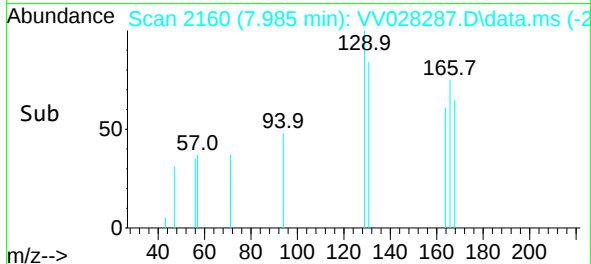
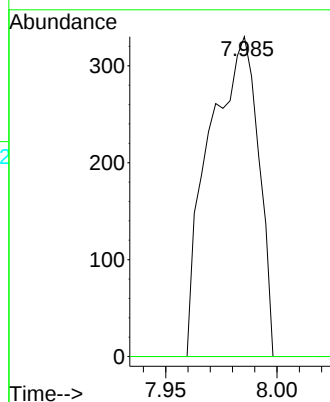
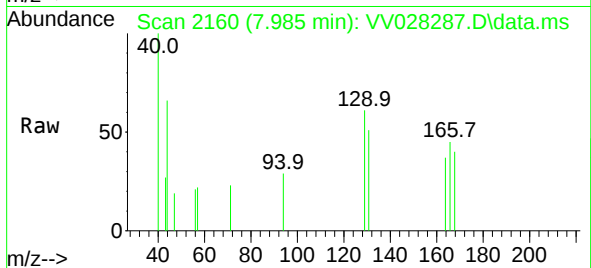
ClientSampleId :

Tgt Ion:129 Resp: 505

Ion Ratio Lower Upper

129 100

127 0.0 54.3 100.9#



#60

Isopropylbenzene

Concen: 0.032 ug/L

RT: 9.931 min Scan# 2765

Delta R.T. 0.003 min

Lab File: VV028287.D

Acq: 03 Oct 2022 18:48

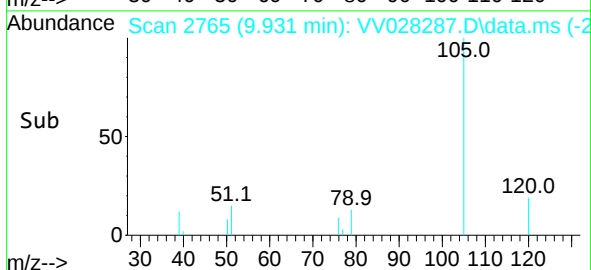
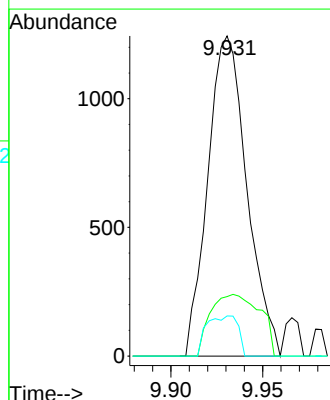
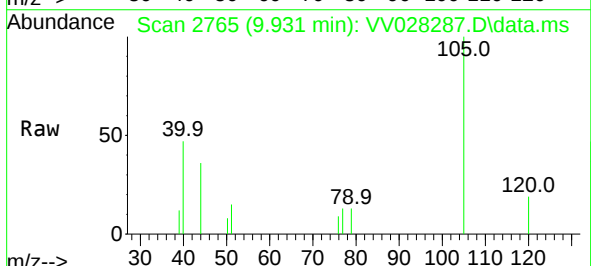
Tgt Ion:105 Resp: 1839

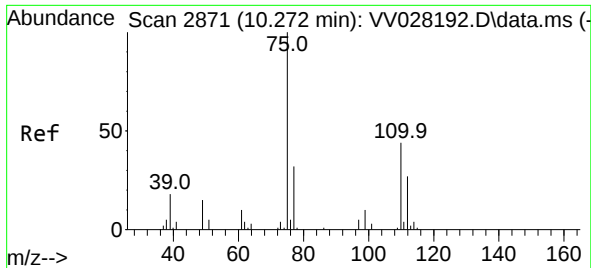
Ion Ratio Lower Upper

105 100

120 24.4 21.4 32.0

77 10.1 12.2 18.4#





#61

1,2,3-Trichloropropane

Concen: 1.325 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.975 min

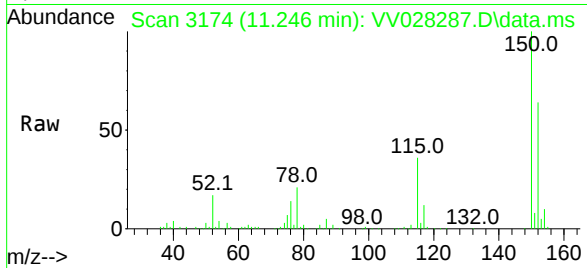
Lab File: VV028287.D

Acq: 03 Oct 2022 18:48

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 9562

Ion Ratio Lower Upper

75 100

77 32.3 26.7 40.1

110 0.8 30.1 45.1#

