

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071522\
 Data File : VW026796.D
 Acq On : 15 Jul 2022 17:23
 Operator : SY/MD
 Sample : N3710-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0B44

Quant Time: Jul 16 00:56:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 16 00:49:45 2022
 Response via : Initial Calibration

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

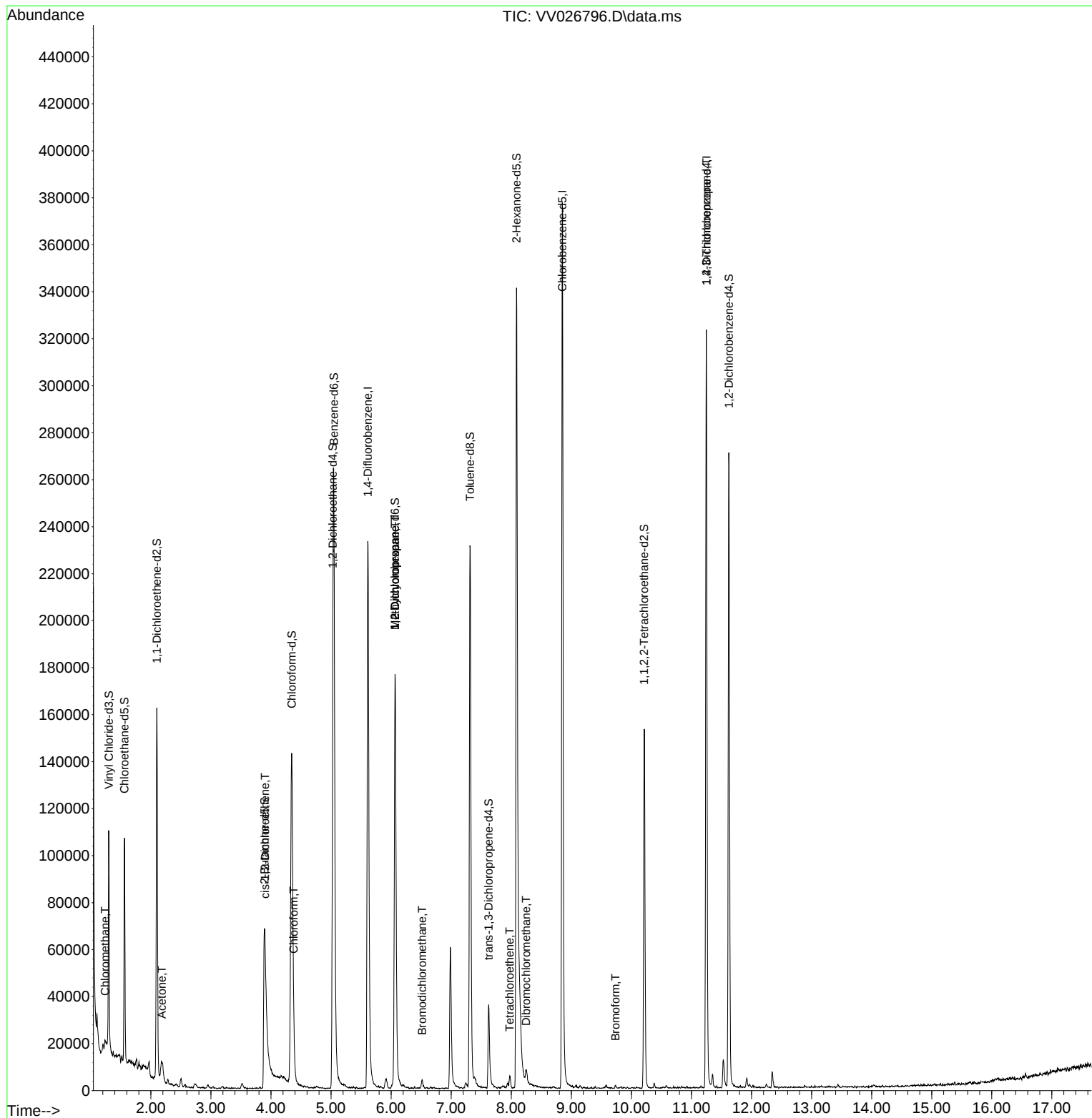
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	206613	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	217980	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	86251	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	57402	3.045	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.000%
7) Chloroethane-d5	1.561	69	62003	3.807	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.200%
11) 1,1-Dichloroethene-d2	2.098	63	81224	2.245	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	44.800%#
20) 2-Butanone-d5	3.892	46	149375	50.776	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.560%
24) Chloroform-d	4.346	84	151438	4.595	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.031	65	70435	4.892	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.047	84	242483	3.661	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.200%
36) 1,2-Dichloropropane-d6	6.066	67	91655	4.615	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.314	98	164661	2.801	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	56.000%#
43) trans-1,3-Dichloroprop...	7.625	79	23886	3.676	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.600%
46) 2-Hexanone-d5	8.088	63	139830	49.706	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.420%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	76498	4.945	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	71333	4.747	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.237	50	1529	0.061	ug/L #	80
13) Acetone	2.182	43	10482	4.235	ug/L #	25
22) cis-1,2-Dichloroethene	3.902	96	604	0.036	ug/L	97
25) Chloroform	4.378	83	16594	0.521	ug/L	97
35) Methylcyclohexane	6.066	83	22362	0.818	ug/L #	19
37) 1,2-Dichloropropane	6.066	63	9276	0.532	ug/L #	87
38) Bromodichloromethane	6.516	83	2755	0.121	ug/L #	91
47) Tetrachloroethene	7.976	164	1255	0.089	ug/L	83
49) Dibromochloromethane	8.246	129	1927	0.131	ug/L	84
59) Bromoform	9.735	173	469	0.085	ug/L #	95
61) 1,2,3-Trichloropropane	11.249	75	10249	1.288	ug/L #	65

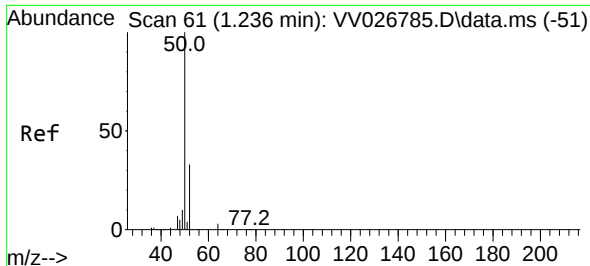
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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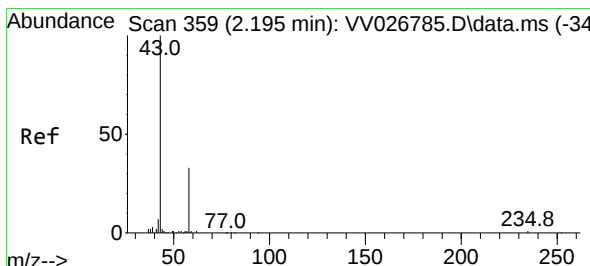
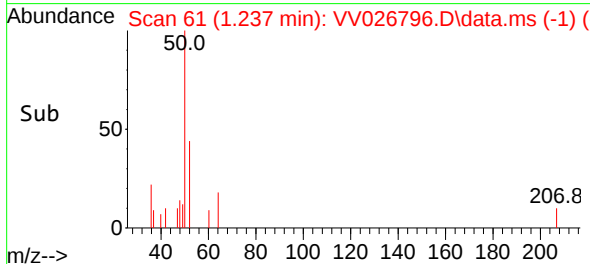
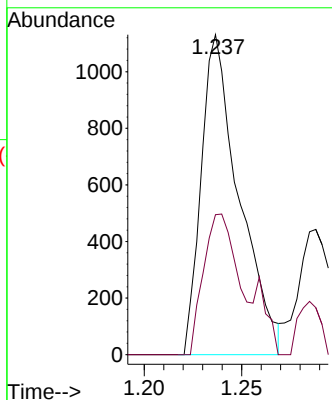
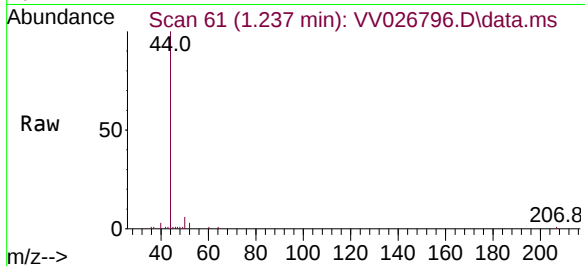




#3
Chloromethane
Concen: 0.061 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV026796.D
Acq: 15 Jul 2022 17:23

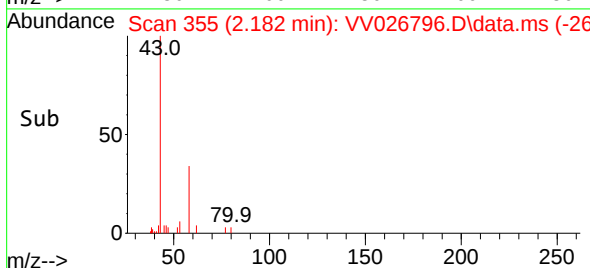
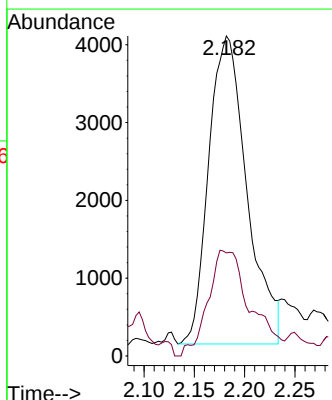
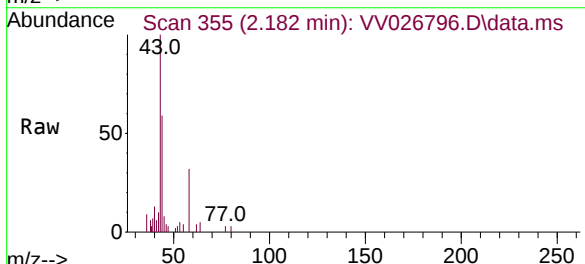
Instrument :
MSVOA_V
ClientSampleId :
H0B44

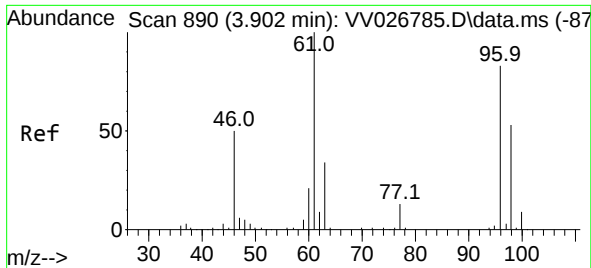
Tgt Ion: 50 Resp: 1529
Ion Ratio Lower Upper
50 100
52 43.8 22.8 42.4#



#13
Acetone
Concen: 4.235 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.013 min
Lab File: VV026796.D
Acq: 15 Jul 2022 17:23

Tgt Ion: 43 Resp: 10482
Ion Ratio Lower Upper
43 100
58 38.2 0.0 20.6#

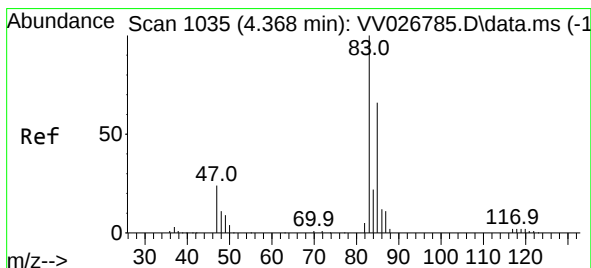
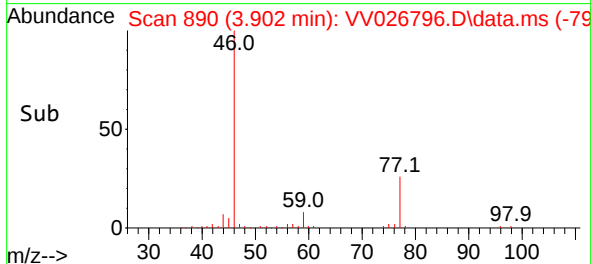
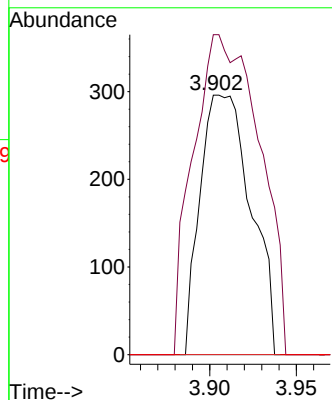
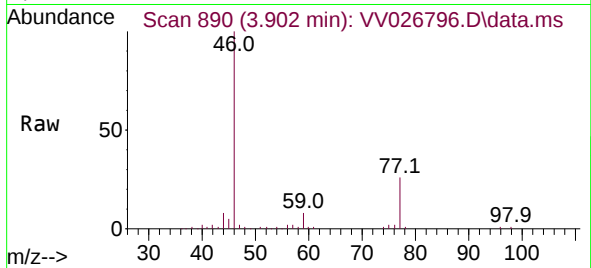




#22
 cis-1,2-Dichloroethene
 Concen: 0.036 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. 0.000 min
 Lab File: VV026796.D
 Acq: 15 Jul 2022 17:23

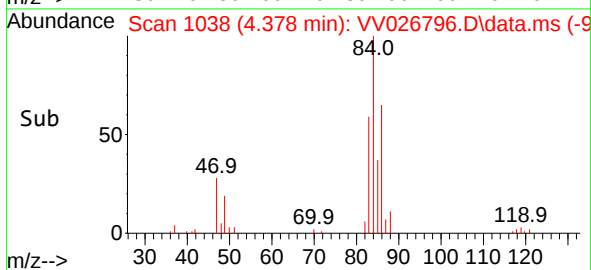
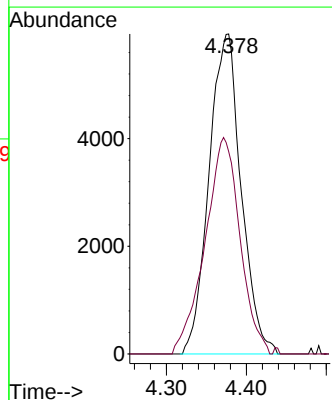
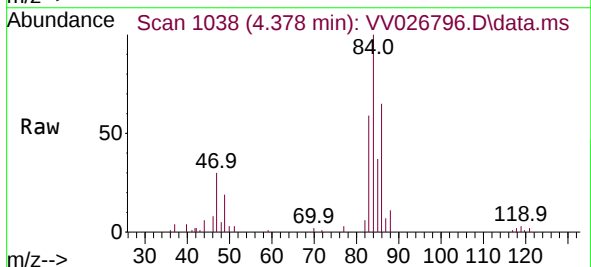
Instrument :
 MSVOA_V
 ClientSampleId :
 H0B44

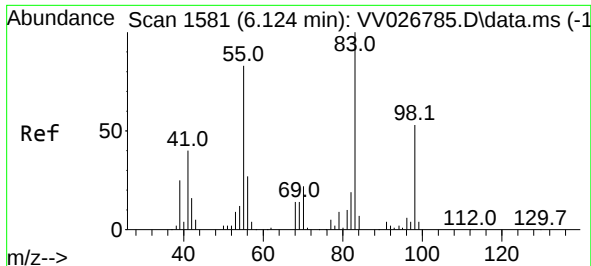
Tgt Ion: 96 Resp: 604
 Ion Ratio Lower Upper
 96 100
 61 123.3 83.9 155.9
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.521 ug/L
 RT: 4.378 min Scan# 1038
 Delta R.T. 0.010 min
 Lab File: VV026796.D
 Acq: 15 Jul 2022 17:23

Tgt Ion: 83 Resp: 16594
 Ion Ratio Lower Upper
 83 100
 85 63.3 45.7 84.9

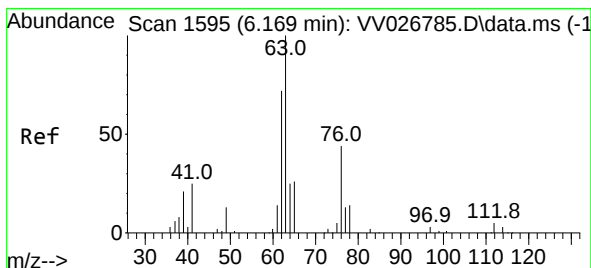
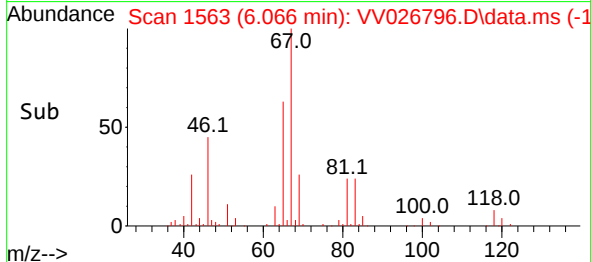
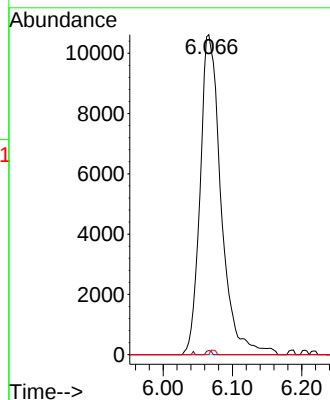
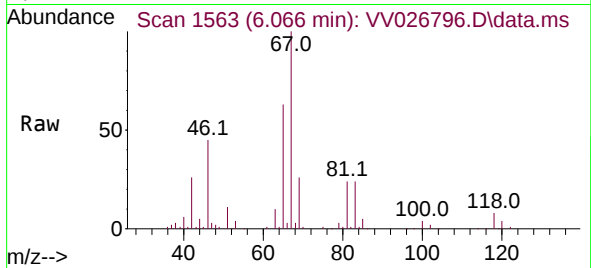




#35
Methylcyclohexane
Concen: 0.818 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV026796.D
Acq: 15 Jul 2022 17:23

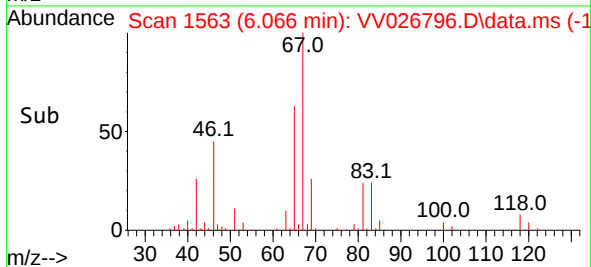
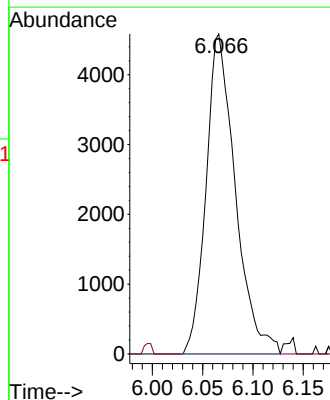
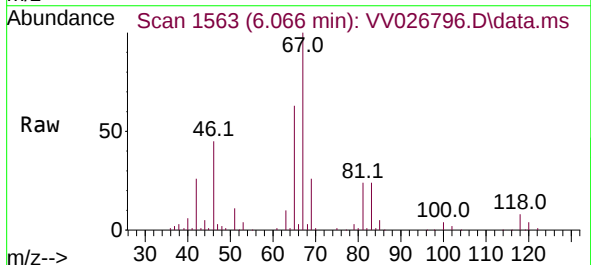
Instrument :
MSVOA_V
ClientSampleId :
H0B44

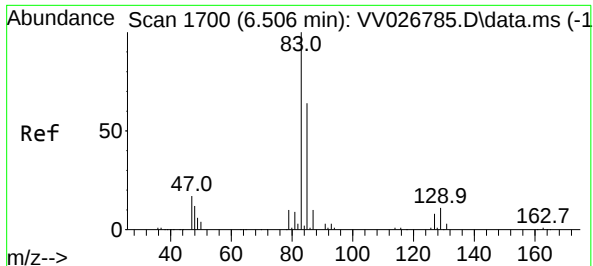
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.3	59.5	89.3#
98	0.4	38.3	57.5#



#37
1,2-Dichloropropane
Concen: 0.532 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.103 min
Lab File: VV026796.D
Acq: 15 Jul 2022 17:23

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.9	4.2	6.2#

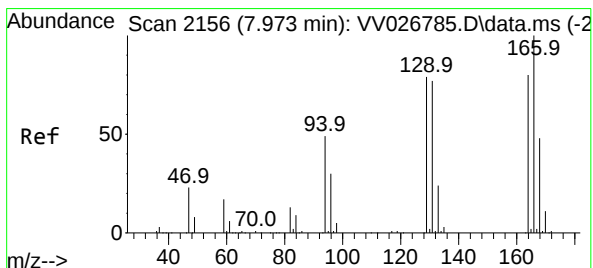
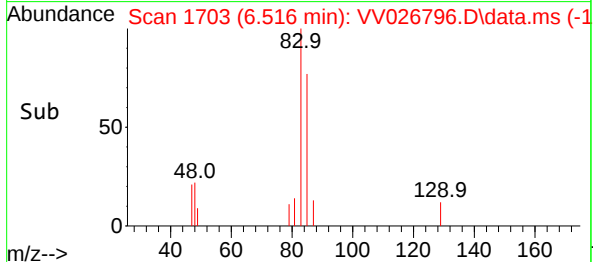
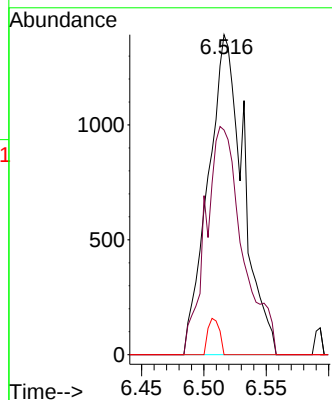
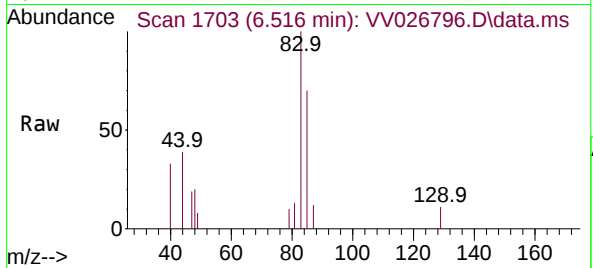




#38
Bromodichloromethane
Concen: 0.121 ug/L
RT: 6.516 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV026796.D
Acq: 15 Jul 2022 17:23

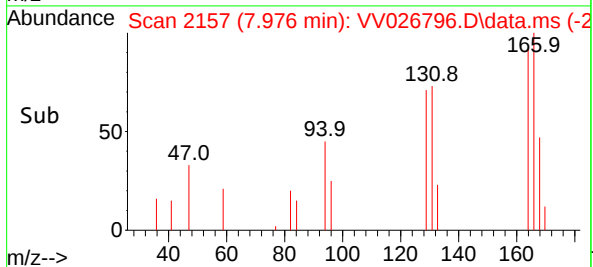
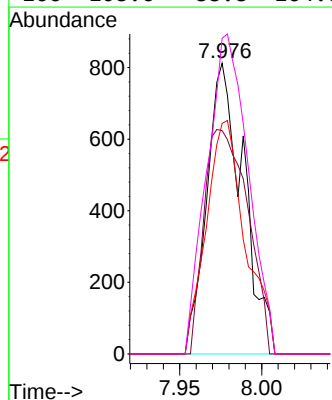
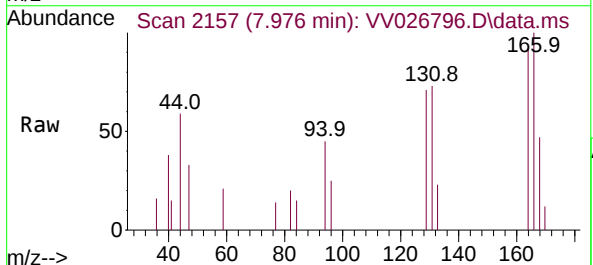
Instrument :
MSVOA_V
ClientSampleId :
H0B44

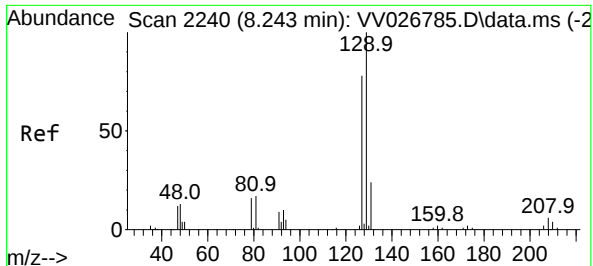
Tgt Ion: 83 Resp: 2755
Ion Ratio Lower Upper
83 100
85 70.2 45.4 84.4
127 0.0 6.6 10.0#



#47
Tetrachloroethene
Concen: 0.089 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV026796.D
Acq: 15 Jul 2022 17:23

Tgt Ion: 164 Resp: 1255
Ion Ratio Lower Upper
164 100
129 76.8 67.8 125.8
131 79.3 65.9 122.5
166 108.6 88.8 164.8





#49

Dibromochloromethane

Concen: 0.131 ug/L

RT: 8.246 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV026796.D

Acq: 15 Jul 2022 17:23

Instrument :

MSVOA_V

ClientSampleId :

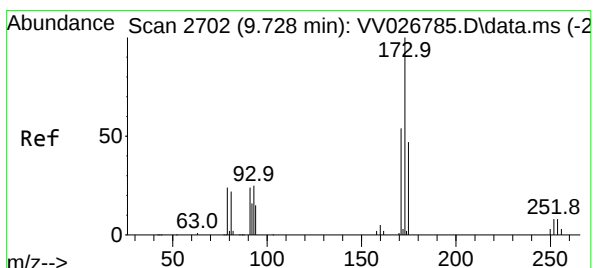
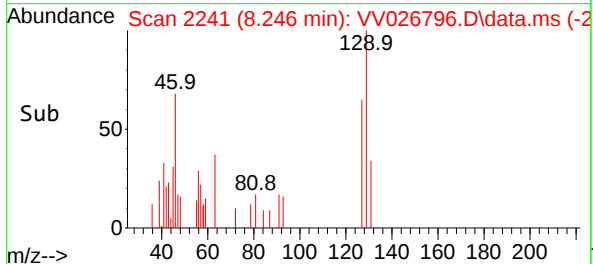
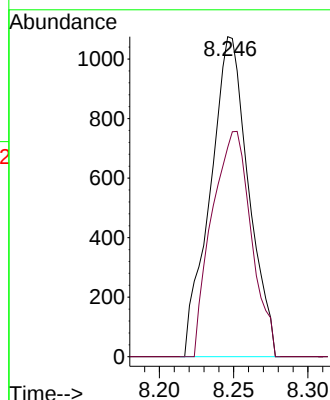
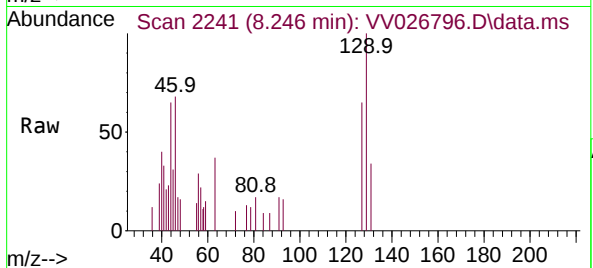
H0B44

Tgt Ion:129 Resp: 1927

Ion Ratio Lower Upper

129 100

127 65.4 55.7 103.5



#59

Bromoform

Concen: 0.085 ug/L

RT: 9.735 min Scan# 2704

Delta R.T. 0.007 min

Lab File: VV026796.D

Acq: 15 Jul 2022 17:23

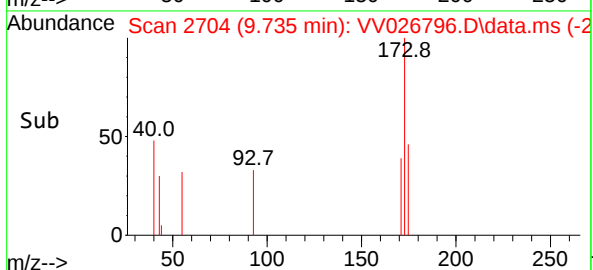
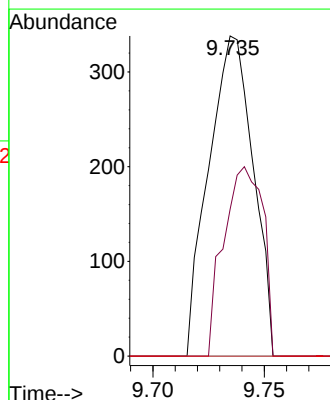
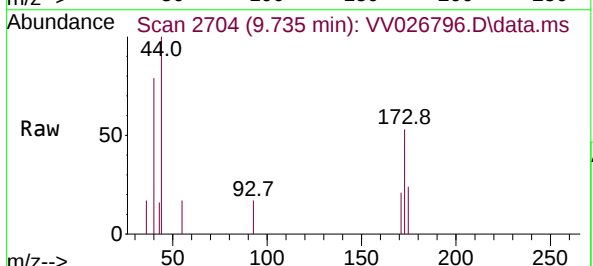
Tgt Ion:173 Resp: 469

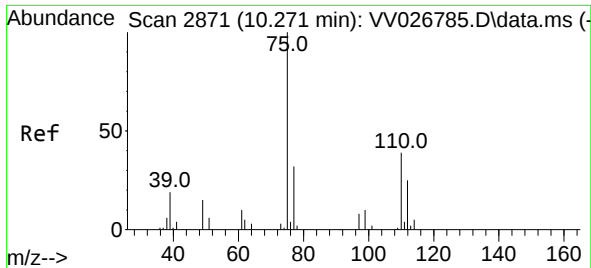
Ion Ratio Lower Upper

173 100

175 52.2 40.7 61.1

254 0.0 6.5 9.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.288 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV026796.D
 Acq: 15 Jul 2022 17:23

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion: 75	Resp:	10249
Ion Ratio	Lower	Upper
75	100	
77	30.7	25.4 38.0
110	1.5	31.8 47.6#

