

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
 Data File : VV027726.D
 Acq On : 02 Sep 2022 16:36
 Operator : SY/MD
 Sample : N4402-05 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 03 05:34:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 03 05:30:57 2022
 Response via : Initial Calibration

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

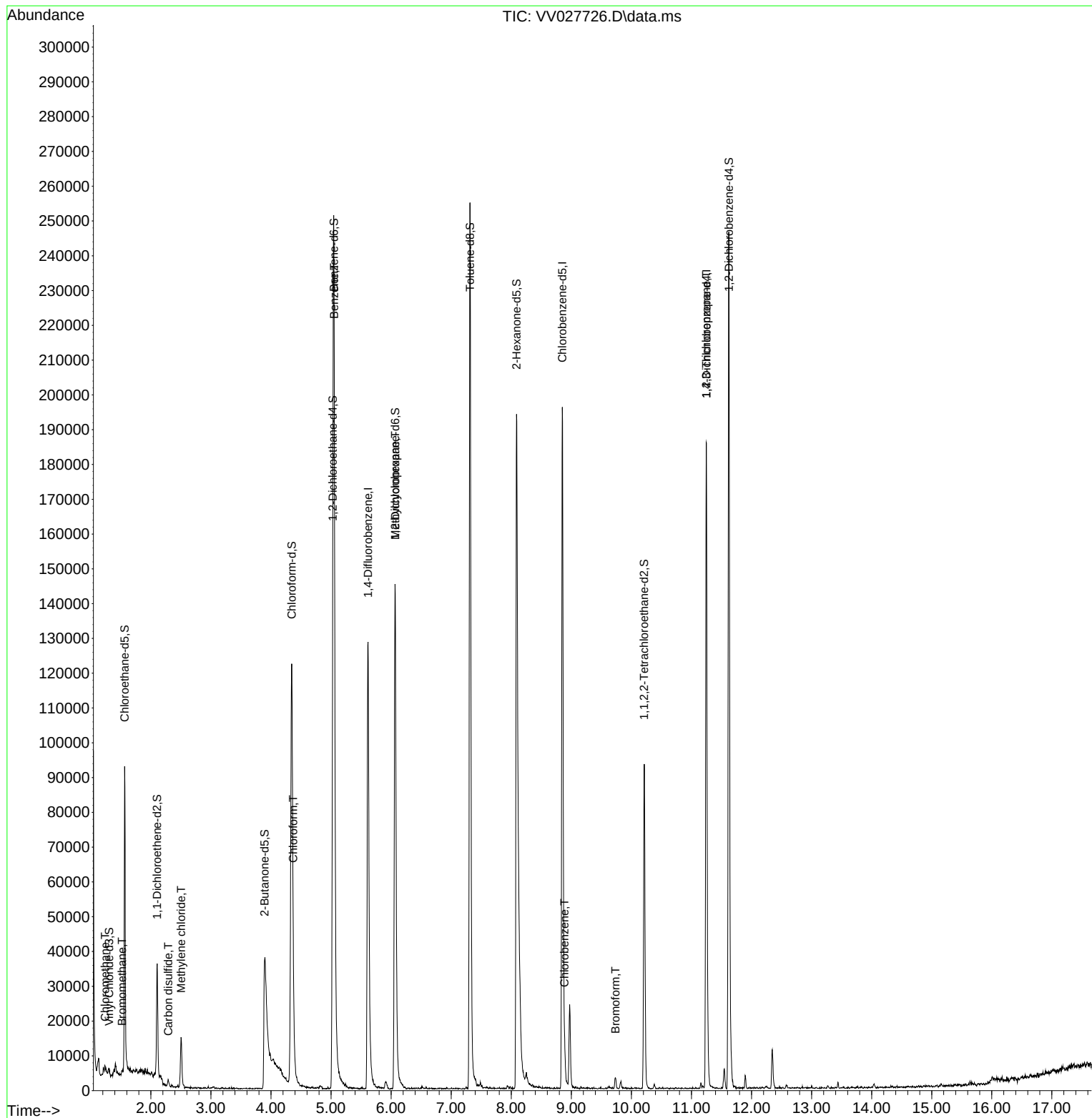
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	115759	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	112746	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50565	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	42	0.003	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.000%#
7) Chloroethane-d5	1.565	69	58412	5.552	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.000%
11) 1,1-Dichloroethene-d2	2.105	63	16858	0.685	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	13.600%#
20) 2-Butanone-d5	3.892	46	78253	36.804	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.600%
24) Chloroform-d	4.346	84	126011	4.991	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.027	65	60907	5.386	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.800%
32) Benzene-d6	5.047	84	233194	5.049	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	6.066	67	69177	4.843	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.313	98	176464	4.412	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	0.000	79	0	0.000	ug/L	
Spiked Amount	5.000	Range	55 - 130	Recovery	=	0.000%#
46) 2-Hexanone-d5	8.088	63	85107	51.427	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.860%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	43347	4.715	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	63325	5.594	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.237	50	1541	0.102	ug/L #	81
6) Bromomethane	1.520	94	432	0.064	ug/L #	37
14) Carbon disulfide	2.291	76	1800	0.059	ug/L #	76
16) Methylene chloride	2.503	84	6471	0.531	ug/L	87
25) Chloroform	4.368	83	8390	0.373	ug/L	96
33) Benzene	5.053	78	2061	0.047	ug/L	100
35) Methylcyclohexane	6.066	83	17936	1.069	ug/L #	17
51) Chlorobenzene	8.886	112	4774	0.172	ug/L	96
59) Bromoform	9.738	173	1571	0.437	ug/L #	93
61) 1,2,3-Trichloropropane	11.246	75	6308	1.233	ug/L #	67

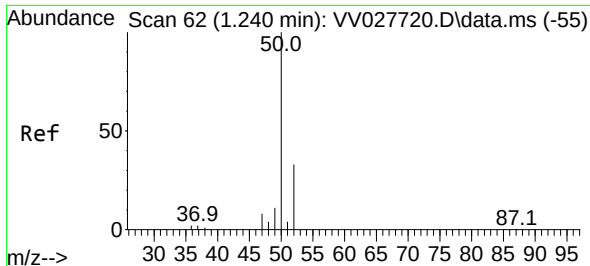
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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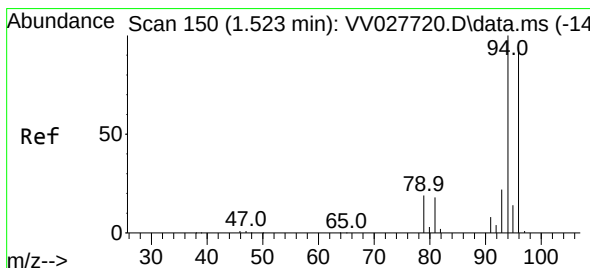
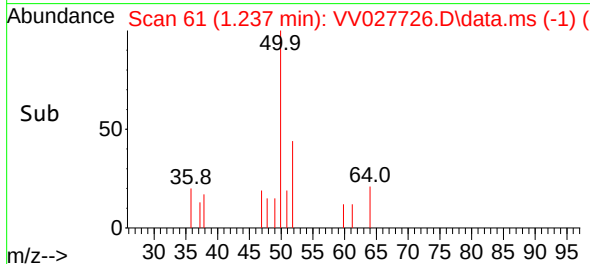
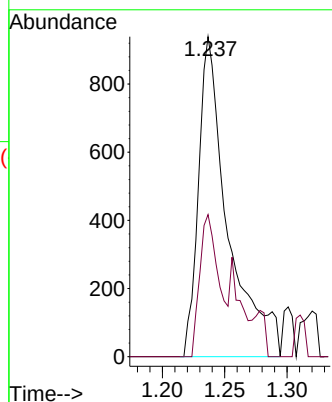
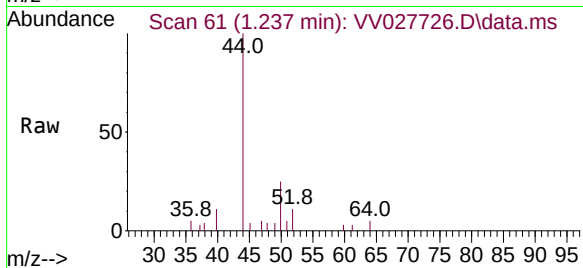




#3
Chloromethane
Concen: 0.102 ug/L
RT: 1.237 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV027726.D
Acq: 02 Sep 2022 16:36

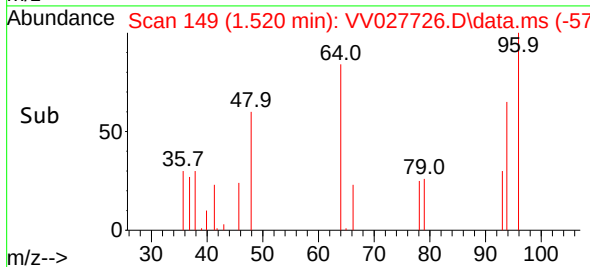
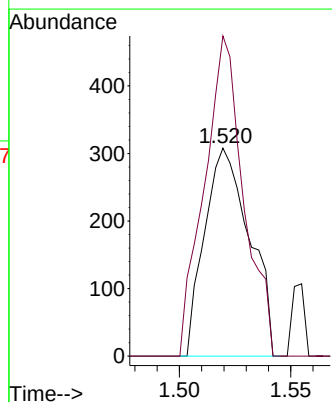
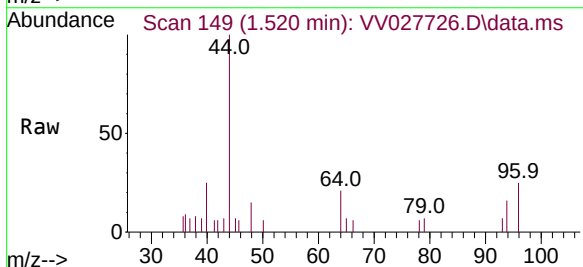
Instrument :
MSVOA_V
ClientSampleId :

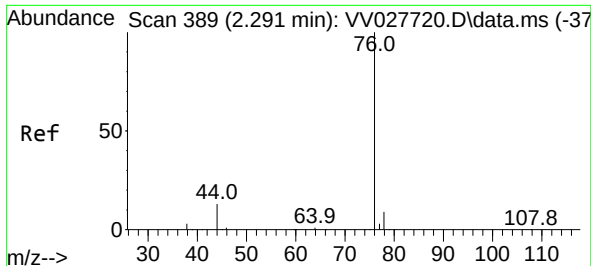
Tgt Ion: 50 Resp: 1541
Ion Ratio Lower Upper
50 100
52 44.4 23.5 43.7#



#6
Bromomethane
Concen: 0.064 ug/L
RT: 1.520 min Scan# 149
Delta R.T. -0.003 min
Lab File: VV027726.D
Acq: 02 Sep 2022 16:36

Tgt Ion: 94 Resp: 432
Ion Ratio Lower Upper
94 100
96 153.9 65.1 120.9#

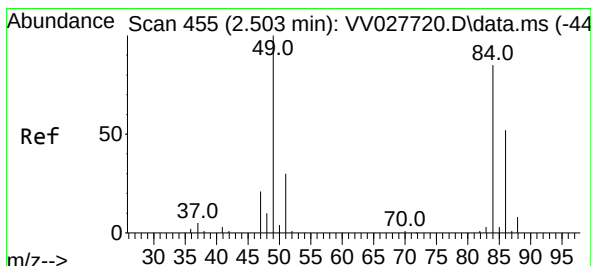
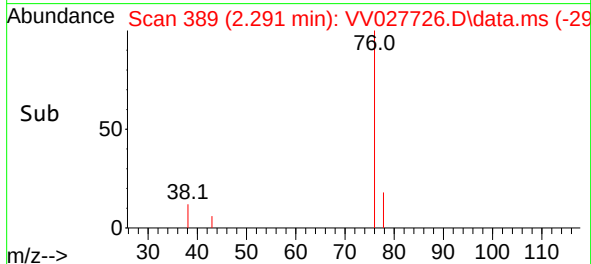
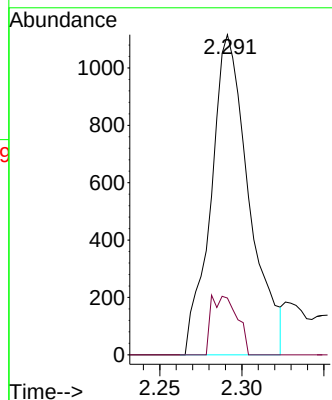
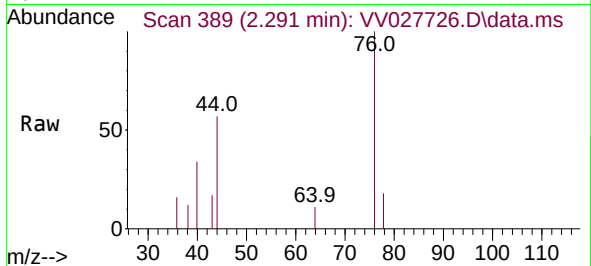




#14
Carbon disulfide
Concen: 0.059 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV027726.D
Acq: 02 Sep 2022 16:36

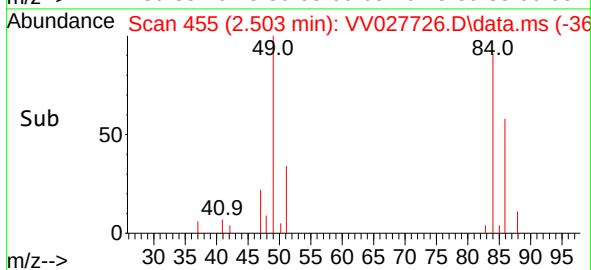
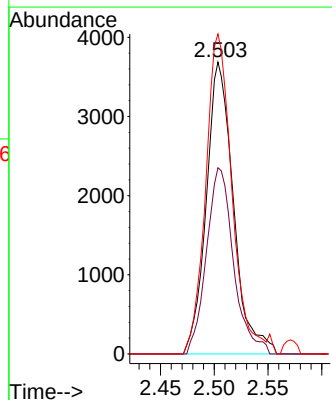
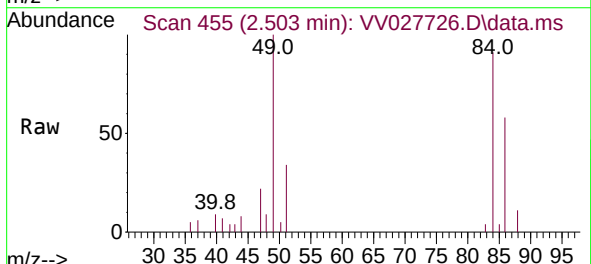
Instrument :
MSVOA_V
ClientSampleId :

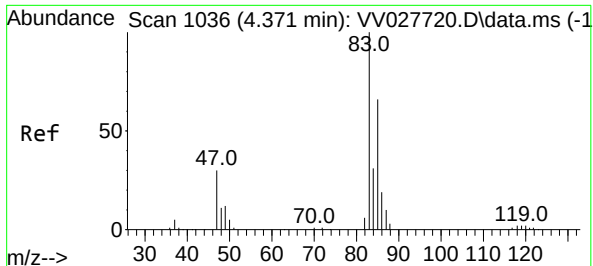
Tgt Ion: 76 Resp: 1800
Ion Ratio Lower Upper
76 100
78 17.7 7.4 11.0#



#16
Methylene chloride
Concen: 0.531 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV027726.D
Acq: 02 Sep 2022 16:36

Tgt Ion: 84 Resp: 6471
Ion Ratio Lower Upper
84 100
86 63.8 43.9 81.5
49 109.7 92.5 171.7





#25

Chloroform

Concen: 0.373 ug/L

RT: 4.368 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV027726.D

Acq: 02 Sep 2022 16:36

Instrument :

MSVOA_V

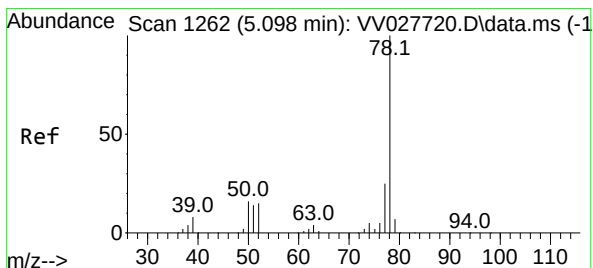
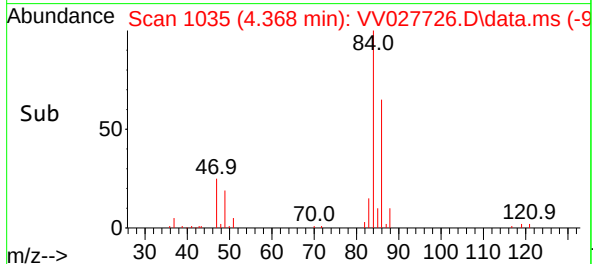
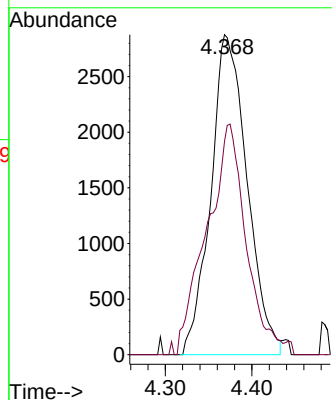
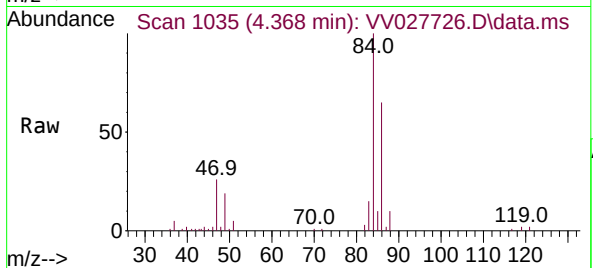
ClientSampleId :

Tgt Ion: 83 Resp: 8390

Ion Ratio Lower Upper

83 100

85 66.7 44.7 83.1



#33

Benzene

Concen: 0.047 ug/L

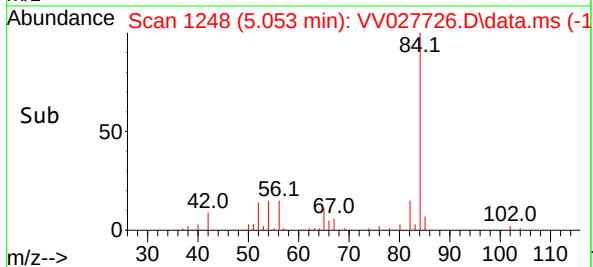
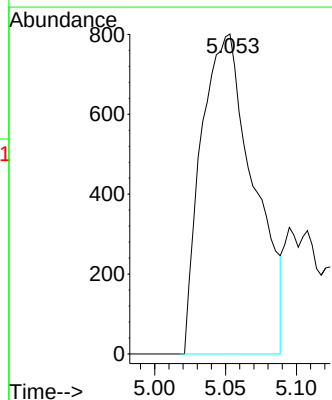
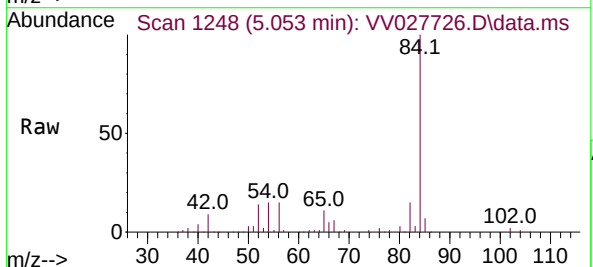
RT: 5.053 min Scan# 1248

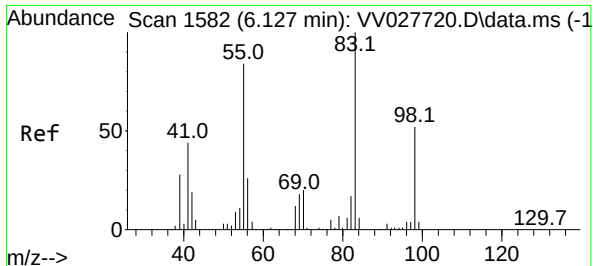
Delta R.T. -0.045 min

Lab File: VV027726.D

Acq: 02 Sep 2022 16:36

Tgt Ion: 78 Resp: 2061





#35

Methylcyclohexane

Concen: 1.069 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.061 min

Lab File: VV027726.D

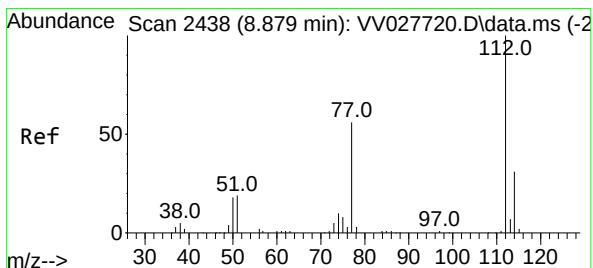
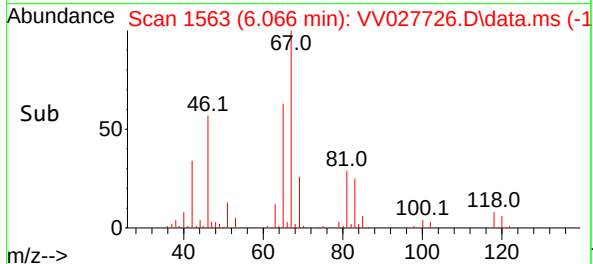
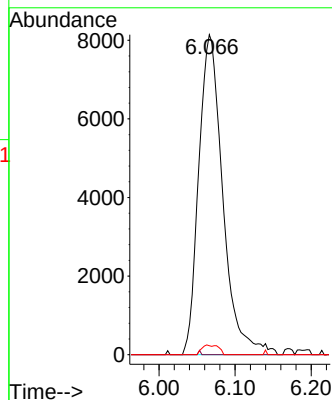
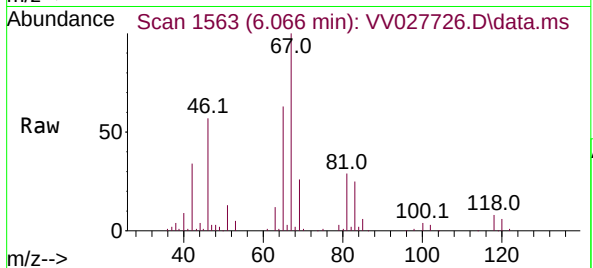
Acq: 02 Sep 2022 16:36

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 17936
Ion Ratio	Lower Upper
83 100	
55 0.1	66.0 99.0#
98 2.1	36.9 55.3#



#51

Chlorobenzene

Concen: 0.172 ug/L

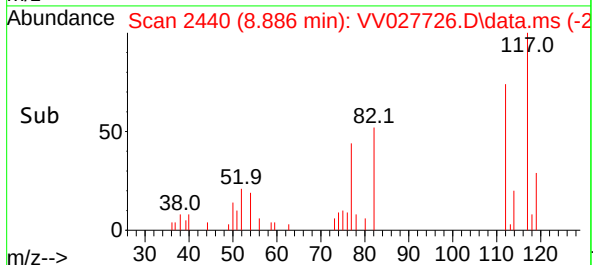
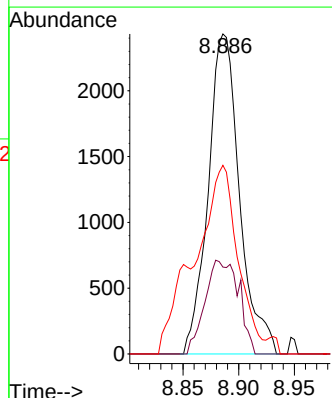
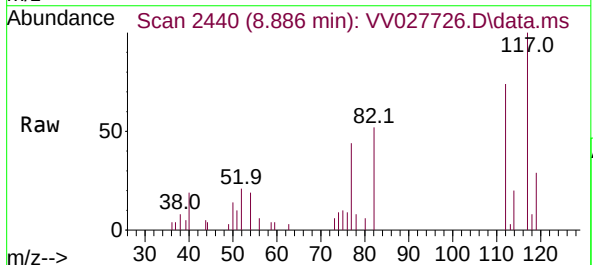
RT: 8.886 min Scan# 2440

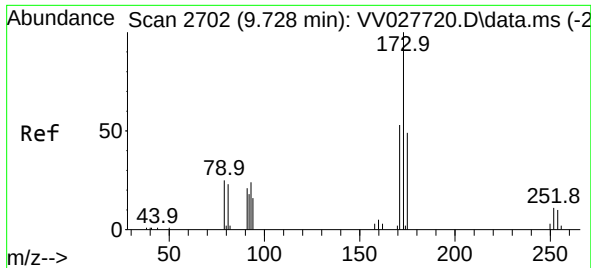
Delta R.T. 0.006 min

Lab File: VV027726.D

Acq: 02 Sep 2022 16:36

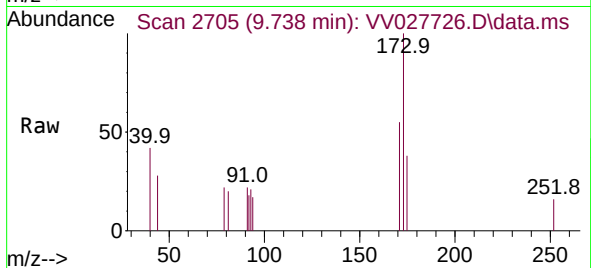
Tgt Ion: 112	Resp: 4774
Ion Ratio	Lower Upper
112 100	
114 27.1	22.3 41.3
77 59.0	48.5 72.7



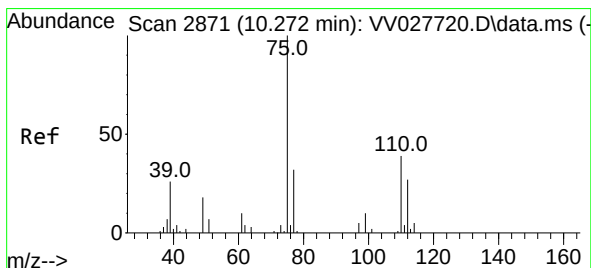
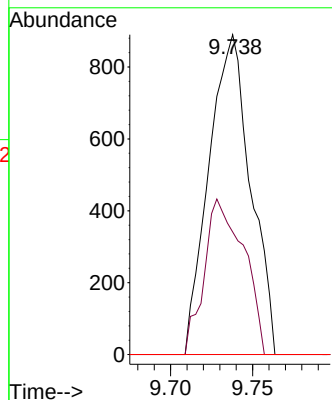
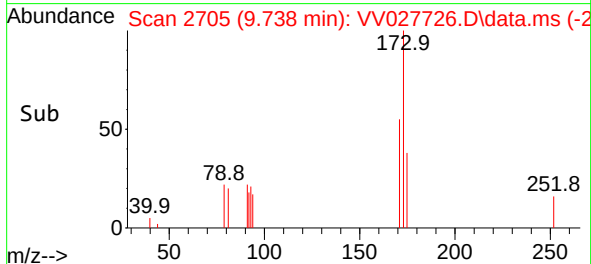


#59
Bromoform
Concen: 0.437 ug/L
RT: 9.738 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV027726.D
Acq: 02 Sep 2022 16:36

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:173 Resp: 1571
Ion Ratio Lower Upper
173 100
175 46.0 39.0 58.4
254 0.0 7.0 10.4#



#61
1,2,3-Trichloropropane
Concen: 1.233 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV027726.D
Acq: 02 Sep 2022 16:36

Tgt Ion: 75 Resp: 6308
Ion Ratio Lower Upper
75 100
77 30.1 25.8 38.6
110 2.2 29.8 44.8#

