

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090622\
 Data File : VV027750.D
 Acq On : 06 Sep 2022 18:51
 Operator : SY/MD
 Sample : VV0906WBL02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK226

Quant Time: Sep 07 06:13:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 07 06:13:02 2022
 Response via : Initial Calibration

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

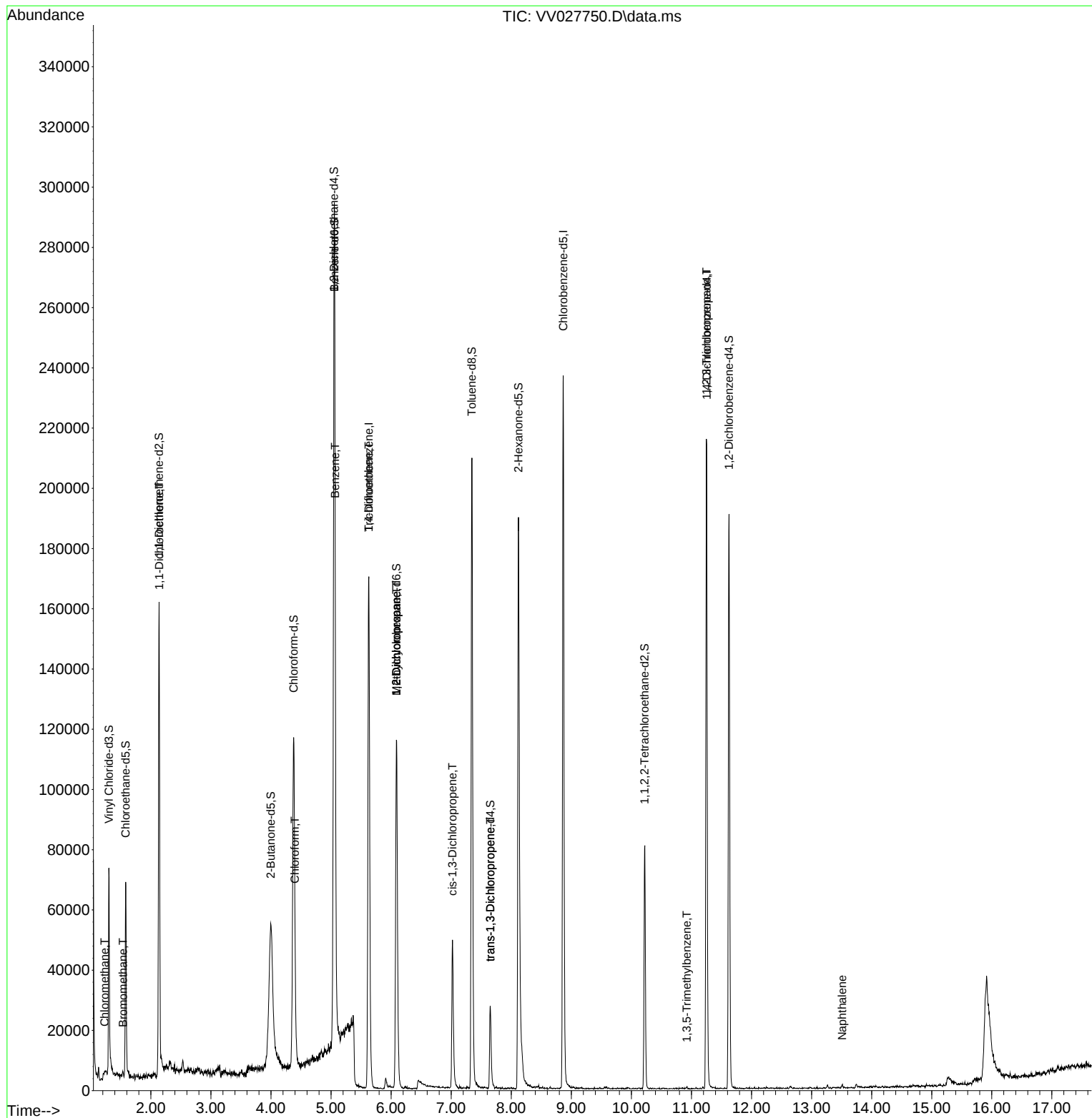
Internal Standards						
1) 1,4-Difluorobenzene	5.629	114	150928	5.000	ug/L	0.04
28) Chlorobenzene-d5	8.866	117	133336	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	59019	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	50563	5.082	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.600%
7) Chloroethane-d5	1.581	69	43365	5.138	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.800%
11) 1,1-Dichloroethene-d2	2.137	63	82457	3.906	ug/L	0.04
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.200%
20) 2-Butanone-d5	3.995	46	133737	60.657	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.320%
24) Chloroform-d	4.378	84	111262	5.462	ug/L	0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.200%
26) 1,2-Dichloroethane-d4	5.050	65	62470	5.759	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.200%
32) Benzene-d6	5.056	84	218185	5.640	ug/L	0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.800%
36) 1,2-Dichloropropane-d6	6.088	67	55204	4.874	ug/L	0.04
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.342	98	145600	4.476	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	7.651	79	17038	4.484	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.121	63	64515	45.681	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.360%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	36886	5.072	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	50524	5.211	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.230	50	812	0.060	ug/L #	75
6) Bromomethane	1.536	94	675	0.092	ug/L	87
12) 1,1-Dichloroethene	2.140	96	866	0.087	ug/L #	1
25) Chloroform	4.400	83	6291	0.286	ug/L	93
33) Benzene	5.069	78	2079	0.047	ug/L	100
34) Trichloroethene	5.629	95	4781	0.434	ug/L #	5
35) Methylcyclohexane	6.088	83	14564	0.860	ug/L #	19
37) 1,2-Dichloropropane	6.088	63	6535	0.625	ug/L #	85
39) cis-1,3-Dichloropropene	7.021	75	1280	0.097	ug/L #	65
44) trans-1,3-Dichloropropene	7.651	75	832	0.075	ug/L #	57
61) 1,2,3-Trichloropropane	11.249	75	5959	1.275	ug/L #	62
62) 1,3,5-Trimethylbenzene	10.924	105	428	0.041	ug/L	99
71) Naphthalene	13.509	128	1353	0.077	ug/L #	90

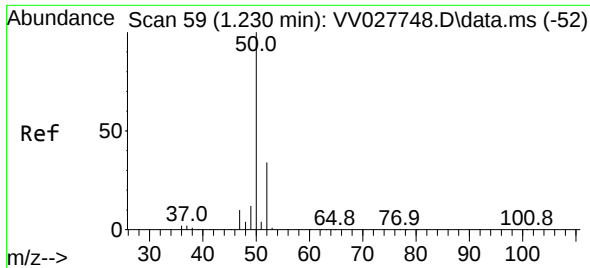
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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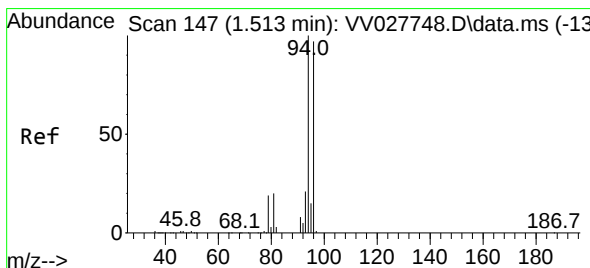
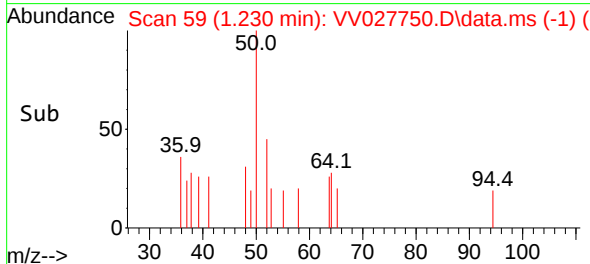
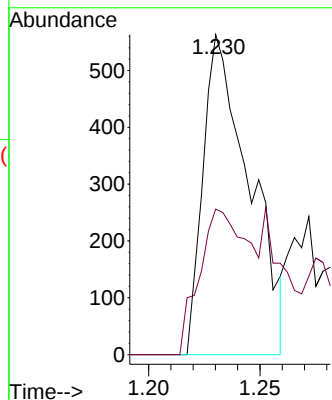
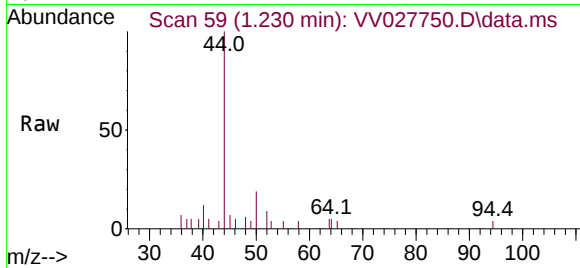




#3
Chloromethane
Concen: 0.060 ug/L
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV027750.D
Acq: 06 Sep 2022 18:51

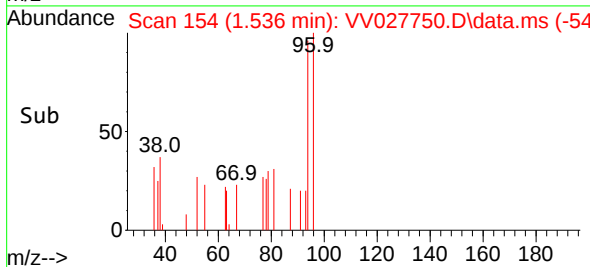
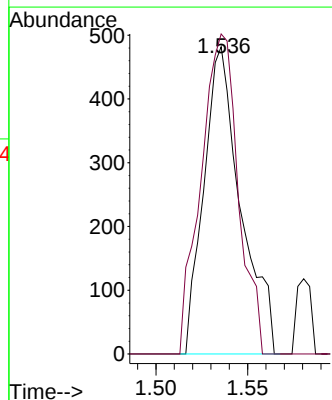
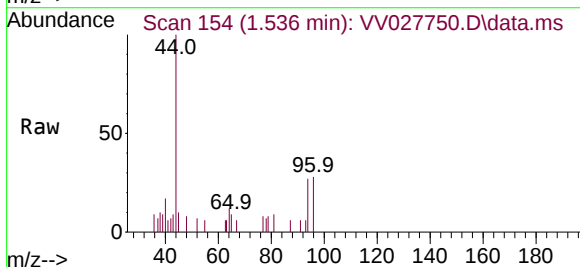
Instrument :
MSVOA_V
ClientSampleId :
VBLK226

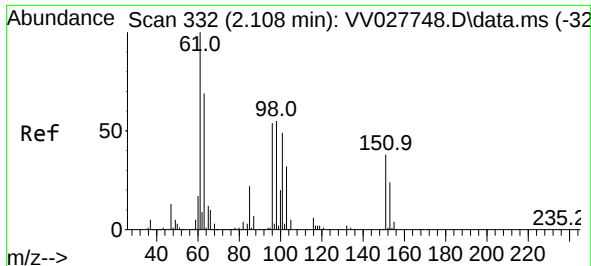
Tgt Ion: 50 Resp: 812
Ion Ratio Lower Upper
50 100
52 45.5 22.1 41.1#



#6
Bromomethane
Concen: 0.092 ug/L
RT: 1.536 min Scan# 154
Delta R.T. 0.023 min
Lab File: VV027750.D
Acq: 06 Sep 2022 18:51

Tgt Ion: 94 Resp: 675
Ion Ratio Lower Upper
94 100
96 104.1 64.2 119.2

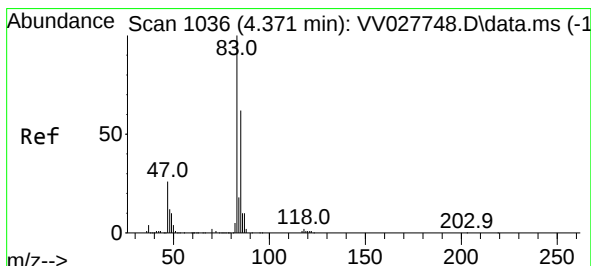
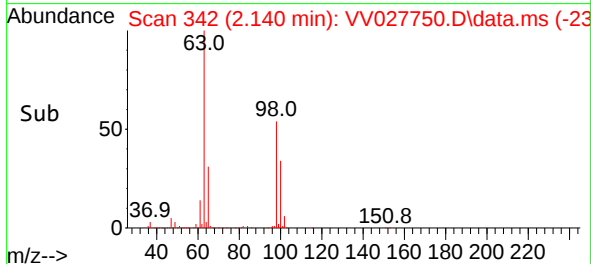
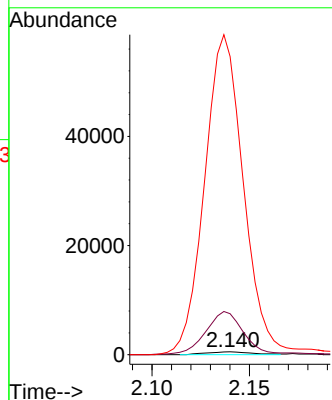
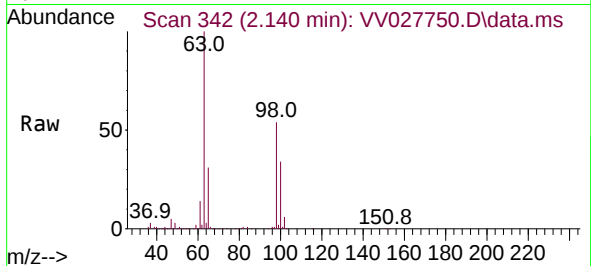




#12
1,1-Dichloroethene
Concen: 0.087 ug/L
RT: 2.140 min Scan# 341
Delta R.T. 0.032 min
Lab File: VV027750.D
Acq: 06 Sep 2022 18:51

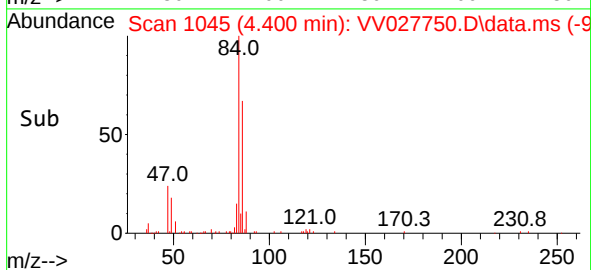
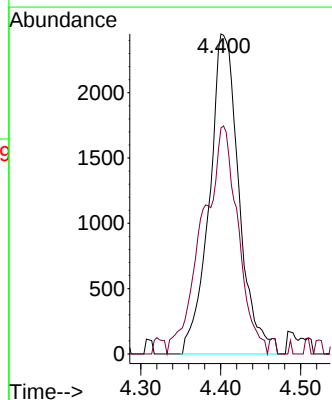
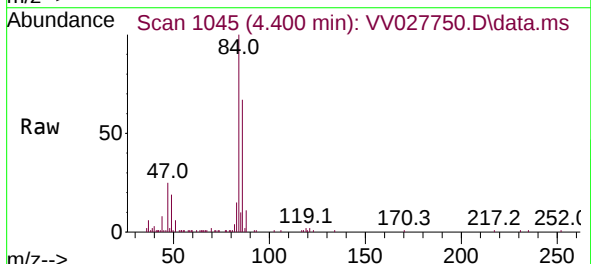
Instrument :
MSVOA_V
ClientSampleId :
VBLK226

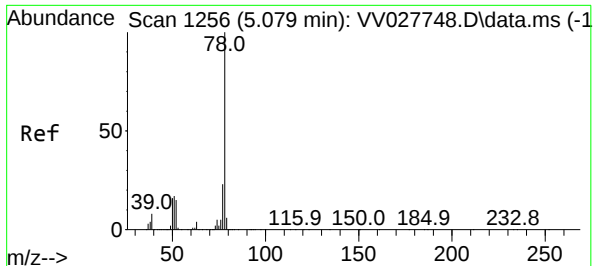
Tgt Ion: 96 Resp: 866
Ion Ratio Lower Upper
96 100
61 1423.7 129.9 241.3#
63 10345.5 94.6 175.8#



#25
Chloroform
Concen: 0.286 ug/L
RT: 4.400 min Scan# 1045
Delta R.T. 0.029 min
Lab File: VV027750.D
Acq: 06 Sep 2022 18:51

Tgt Ion: 83 Resp: 6291
Ion Ratio Lower Upper
83 100
85 70.7 45.4 84.2





#33

Benzene

Concen: 0.047 ug/L

RT: 5.069 min Scan# 1427

Delta R.T. -0.009 min

Lab File: VV027750.D

Acq: 06 Sep 2022 18:51

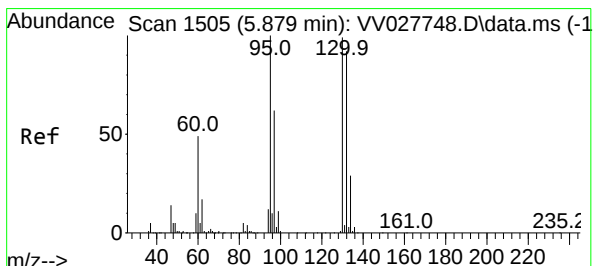
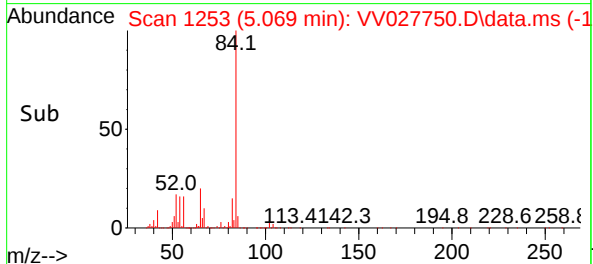
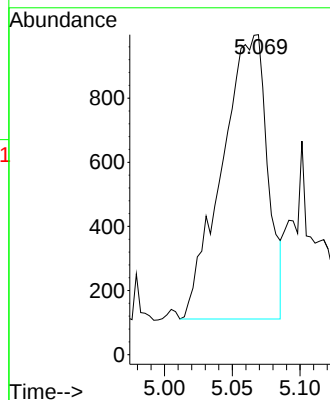
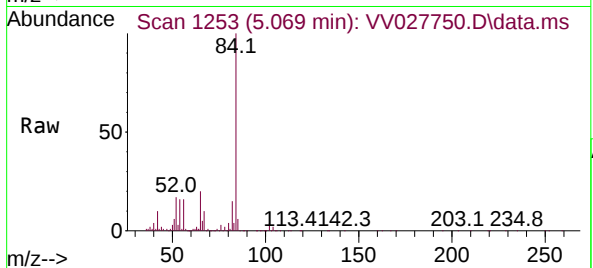
Instrument :

MSVOA_V

ClientSampleId :

VBLK226

Tgt Ion: 78 Resp: 2079



#34

Trichloroethene

Concen: 0.434 ug/L

RT: 5.629 min Scan# 1427

Delta R.T. -0.251 min

Lab File: VV027750.D

Acq: 06 Sep 2022 18:51

Tgt Ion: 95 Resp: 4781

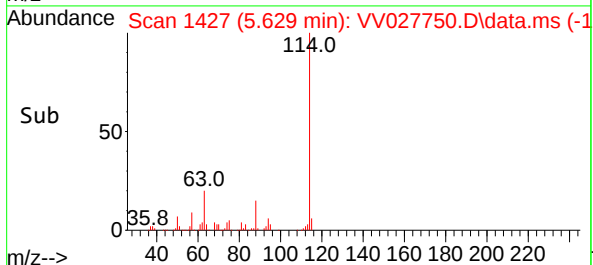
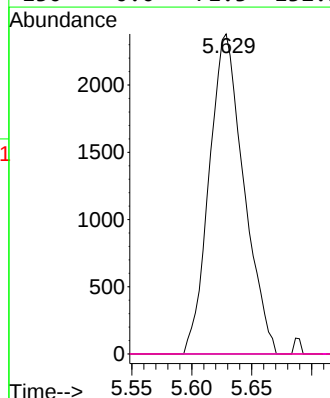
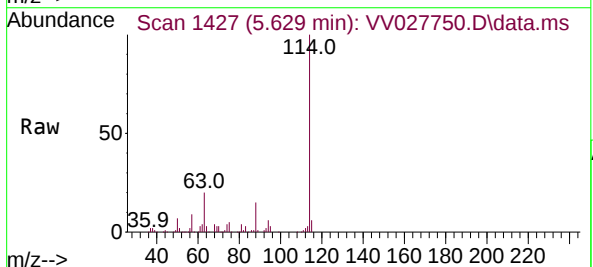
Ion Ratio Lower Upper

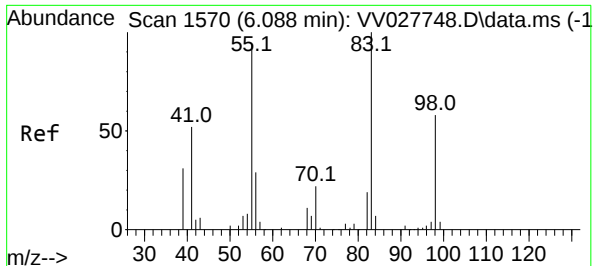
95 100

97 0.0 42.9 79.7#

132 0.0 67.9 126.1#

130 0.0 71.3 132.3#

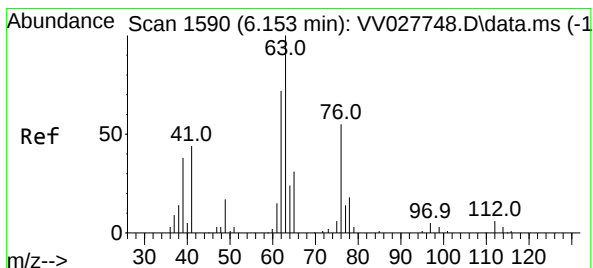
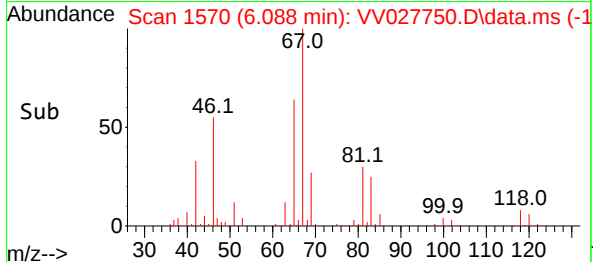
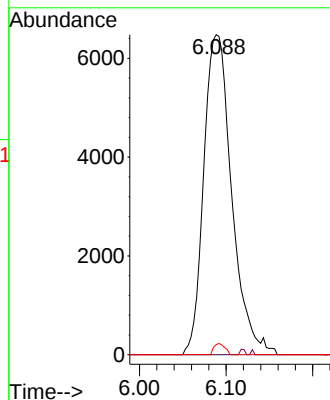
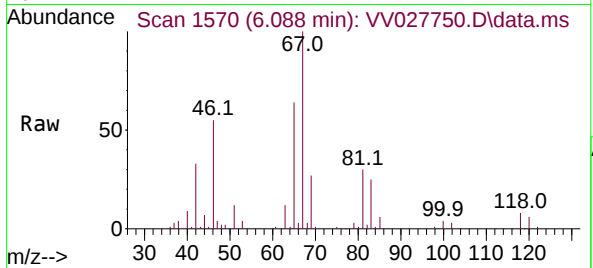




#35
Methylcyclohexane
Concen: 0.860 ug/L
RT: 6.088 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV027750.D
Acq: 06 Sep 2022 18:51

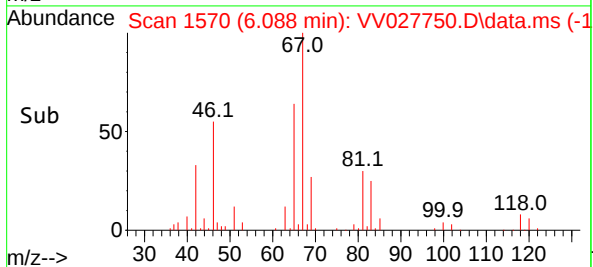
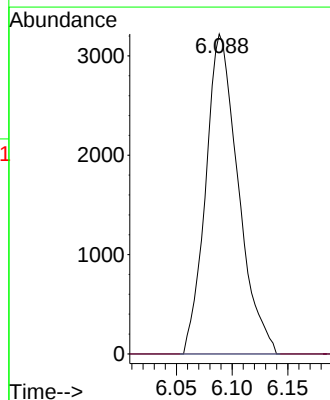
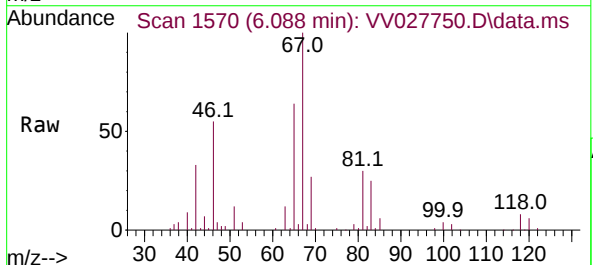
Instrument :
MSVOA_V
ClientSampleId :
VBLK226

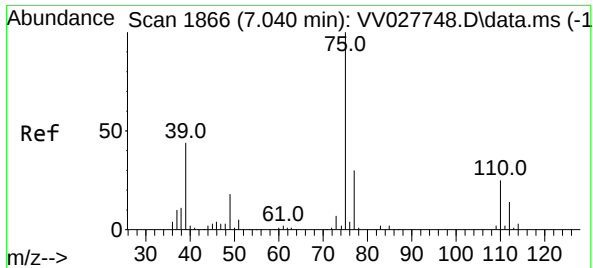
Tgt Ion: 83 Resp: 14564
Ion Ratio Lower Upper
83 100
55 0.3 61.9 92.9#
98 1.4 37.5 56.3#



#37
1,2-Dichloropropane
Concen: 0.625 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. -0.064 min
Lab File: VV027750.D
Acq: 06 Sep 2022 18:51

Tgt Ion: 63 Resp: 6535
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 7.021 min Scan# 11

Delta R.T. -0.019 min

Lab File: VV027750.D

Acq: 06 Sep 2022 18:51

Instrument :

MSVOA_V

ClientSampleId :

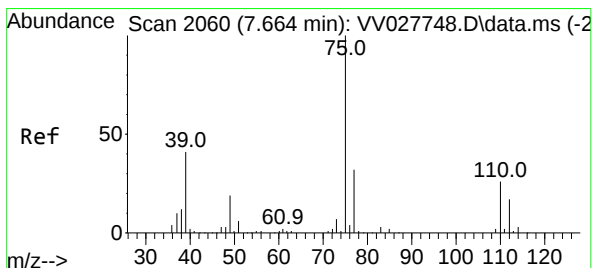
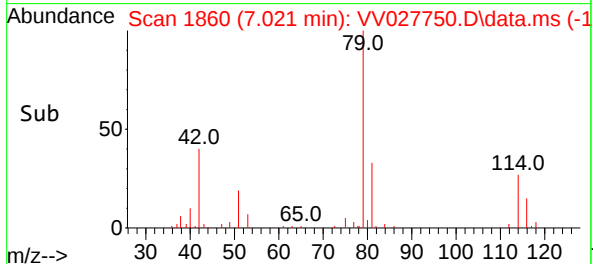
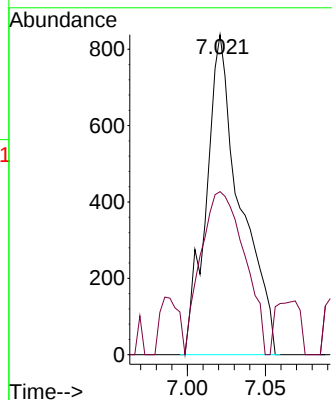
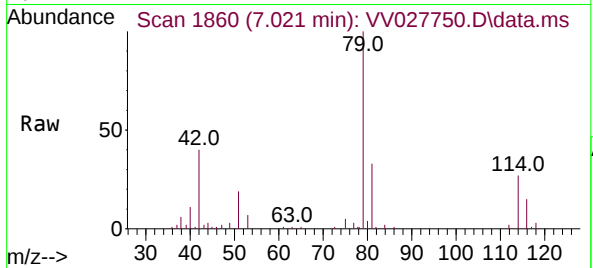
VBLK226

Tgt Ion: 75 Resp: 1280

Ion Ratio Lower Upper

75 100

77 51.0 22.0 40.8#



#44

trans-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.013 min

Lab File: VV027750.D

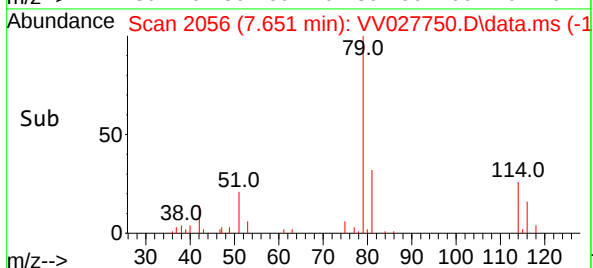
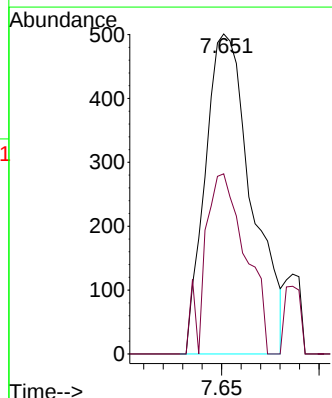
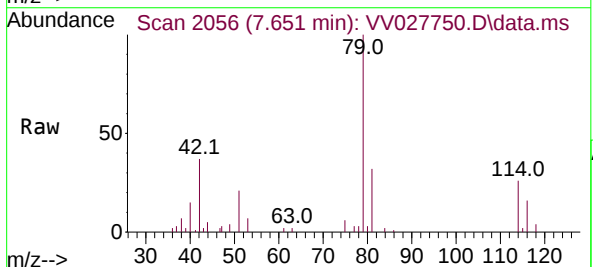
Acq: 06 Sep 2022 18:51

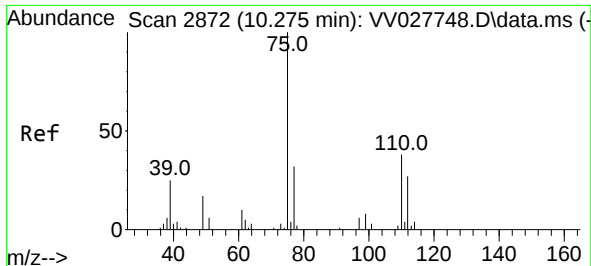
Tgt Ion: 75 Resp: 832

Ion Ratio Lower Upper

75 100

77 56.3 22.6 42.0#

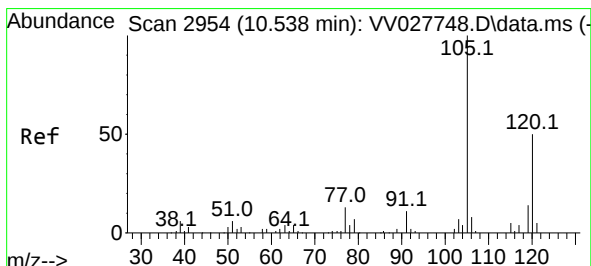
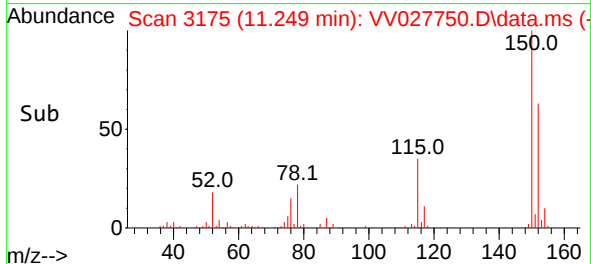
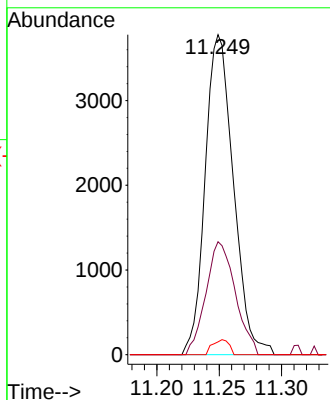
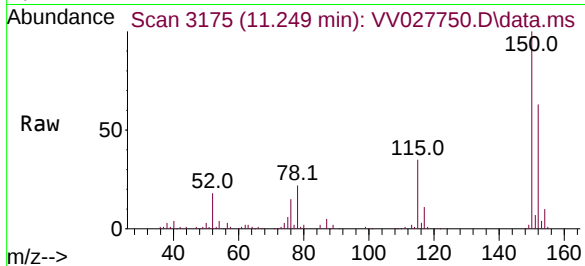




#61
1,2,3-Trichloropropane
Concen: 1.275 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV027750.D
Acq: 06 Sep 2022 18:51

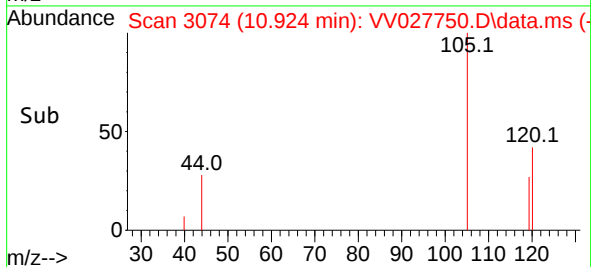
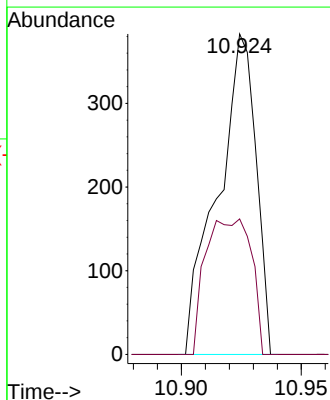
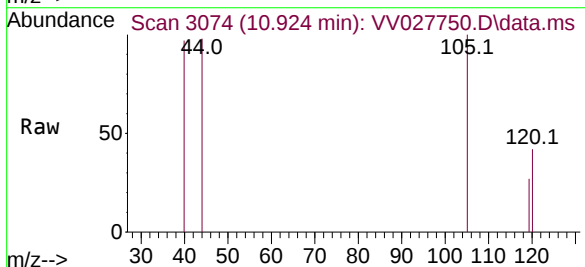
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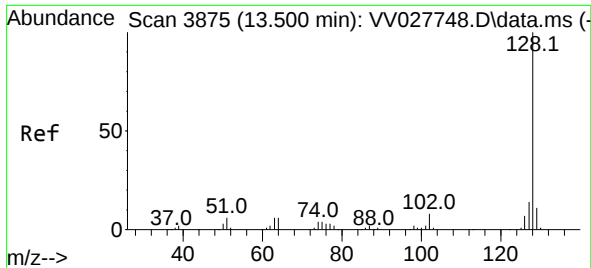
Tgt Ion: 75 Resp: 5959
Ion Ratio Lower Upper
75 100
77 36.7 27.6 41.4
110 2.7 35.6 53.4#



#62
1,3,5-Trimethylbenzene
Concen: 0.041 ug/L
RT: 10.924 min Scan# 3074
Delta R.T. 0.386 min
Lab File: VV027750.D
Acq: 06 Sep 2022 18:51

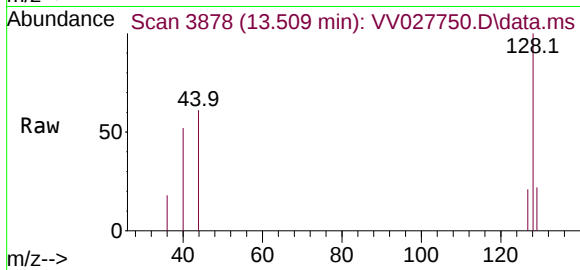
Tgt Ion: 105 Resp: 428
Ion Ratio Lower Upper
105 100
120 50.2 39.6 59.4





#71
Naphthalene
Concen: 0.077 ug/L
RT: 13.509 min Scan# 3875
Delta R.T. 0.010 min
Lab File: VV027750.D
Acq: 06 Sep 2022 18:51

Instrument :
MSVOA_V
ClientSampleId :
VBLK226



Tgt Ion:128 Resp: 1353
Ion Ratio Lower Upper
128 100
129 7.5 9.2 13.8#
127 9.6 10.6 16.0#

