

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102122\
 Data File : VV028651.D
 Acq On : 21 Oct 2022 10:39
 Operator : SY/MD
 Sample : VV1021WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK254

Quant Time: Oct 21 23:00:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 21 22:58:36 2022
 Response via : Initial Calibration

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

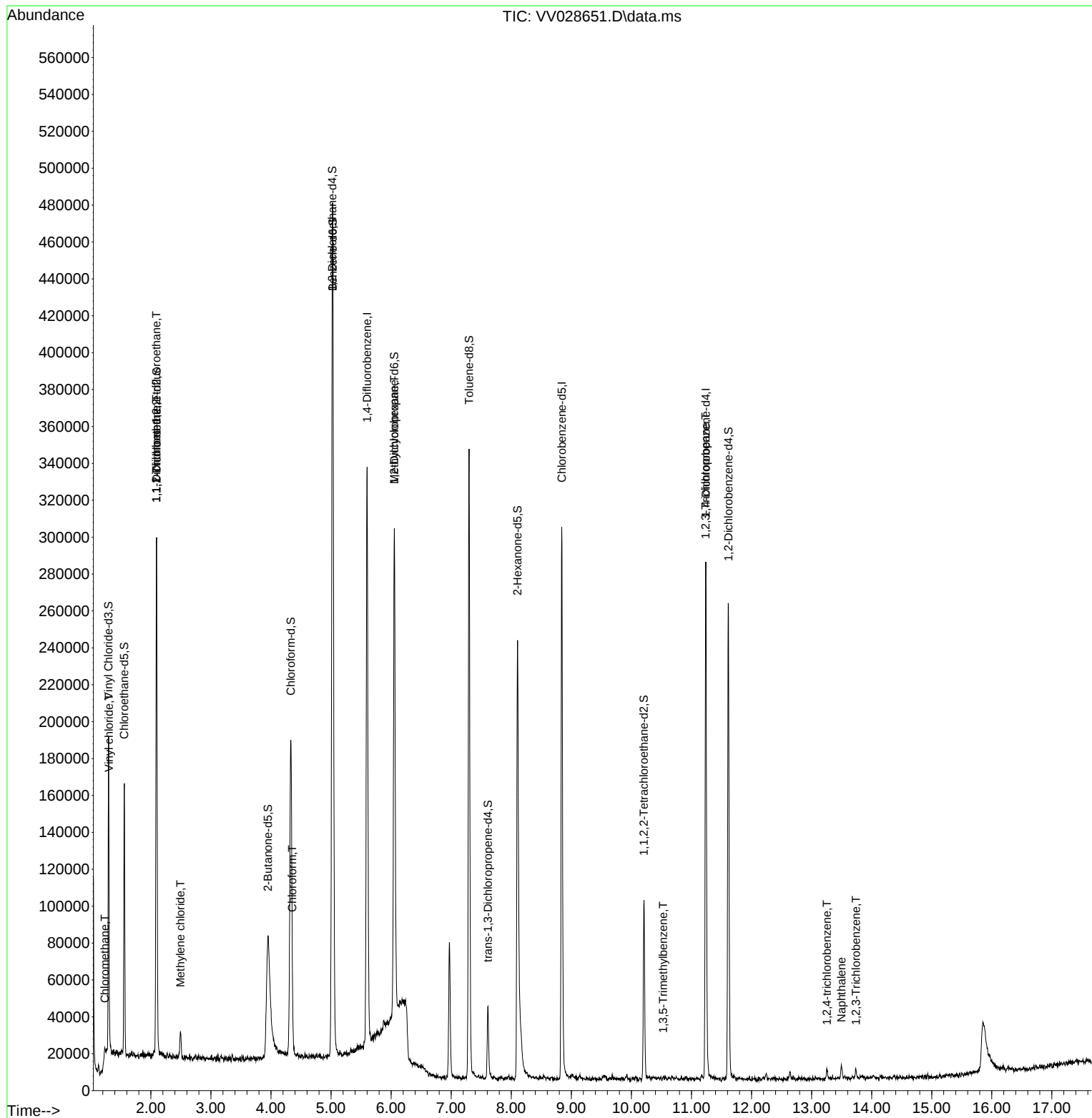
Internal Standards						
1) 1,4-Difluorobenzene	5.599	114	227798	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	150021	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	65509	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	113367	5.027	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.600%
7) Chloroethane-d5	1.558	69	90319	5.095	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.800%
11) 1,1-Dichloroethene-d2	2.095	63	155150	3.959	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.200%
20) 2-Butanone-d5	3.950	46	205986	48.526	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.060%
24) Chloroform-d	4.329	84	168981	5.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.021	65	88738	4.897	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.027	84	354247	5.427	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.600%
36) 1,2-Dichloropropane-d6	6.053	67	119334	5.831	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.600%
41) Toluene-d8	7.297	98	208528	4.417	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	7.612	79	19790	3.983	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.104	63	89936	43.594	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.180%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	45813	4.739	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	11.615	152	60071	5.102	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.233	50	1546	0.070	ug/L	99
5) Vinyl chloride	1.301	62	1025	0.048	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.092	101	1407	0.090	ug/L #	51
12) 1,1-Dichloroethene	2.092	96	1496	0.102	ug/L #	1
16) Methylene chloride	2.494	84	4942	0.233	ug/L	94
25) Chloroform	4.355	83	2397	0.068	ug/L #	71
35) Methylcyclohexane	6.053	83	27754	1.089	ug/L #	16
61) 1,2,3-Trichloropropane	11.236	75	9780	1.378	ug/L #	67
62) 1,3,5-Trimethylbenzene	10.529	105	495	0.031	ug/L	90
70) 1,2,4-trichlorobenzene	13.255	180	985	0.081	ug/L	92
71) Naphthalene	13.499	128	5064	0.246	ug/L	96
72) 1,2,3-Trichlorobenzene	13.741	180	1071	0.101	ug/L #	78

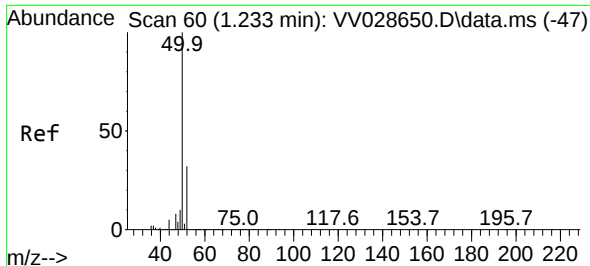
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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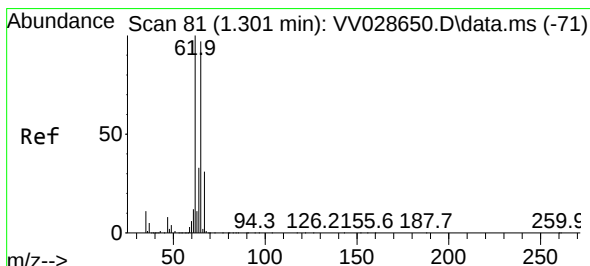
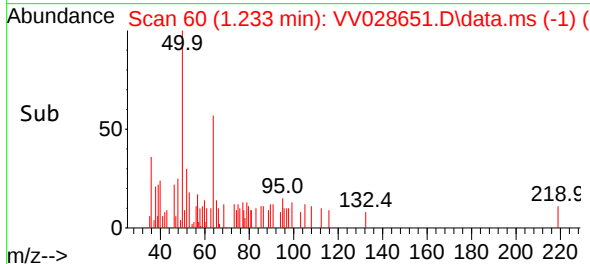
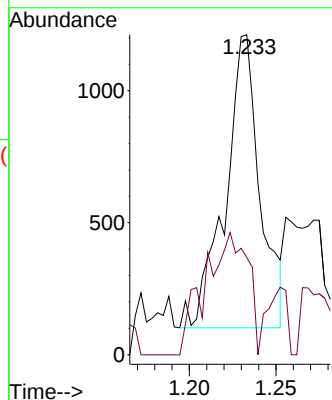
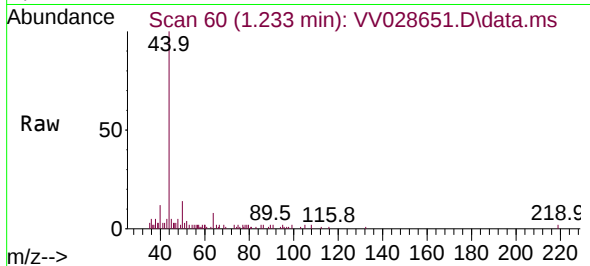




#3
Chloromethane
Concen: 0.070 ug/L
RT: 1.233 min Scan# 60
Delta R.T. -0.000 min
Lab File: VV028651.D
Acq: 21 Oct 2022 10:39

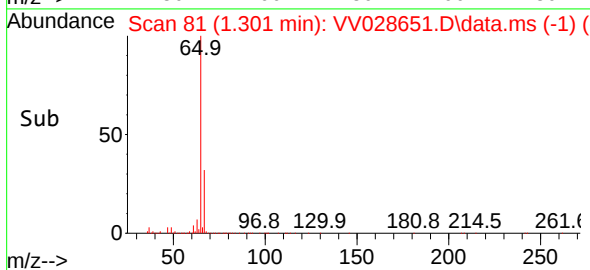
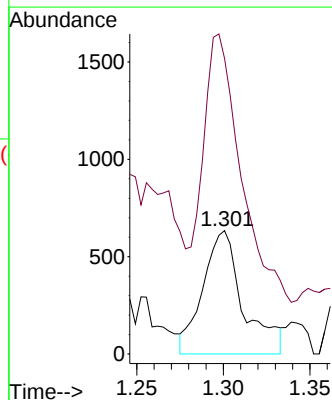
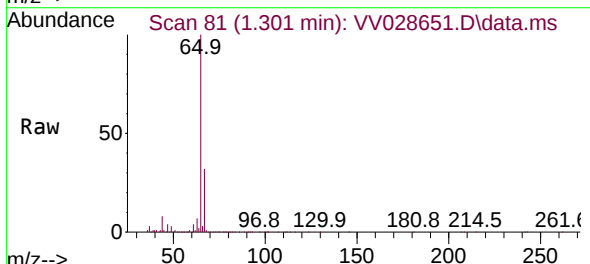
Instrument :
MSVOA_V
ClientSampleId :
VBLK254

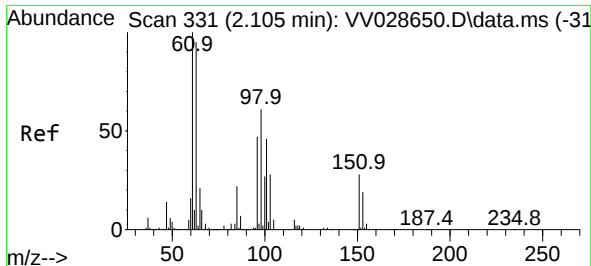
Tgt Ion: 50 Resp: 1546
Ion Ratio Lower Upper
50 100
52 30.4 21.8 40.6



#5
Vinyl chloride
Concen: 0.048 ug/L
RT: 1.301 min Scan# 81
Delta R.T. -0.000 min
Lab File: VV028651.D
Acq: 21 Oct 2022 10:39

Tgt Ion: 62 Resp: 1025
Ion Ratio Lower Upper
62 100
64 239.6 22.0 41.0#





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.090 ug/L

RT: 2.092 min Scan# 31

Delta R.T. -0.013 min

Lab File: VV028651.D

Acq: 21 Oct 2022 10:39

Instrument :

MSVOA_V

ClientSampleId :

VBLK254

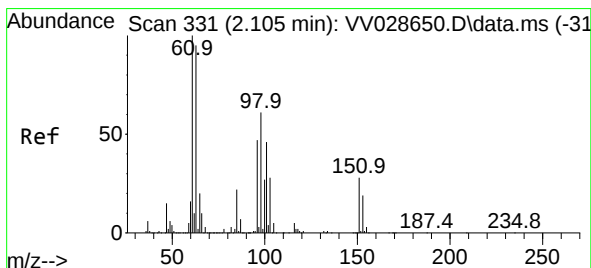
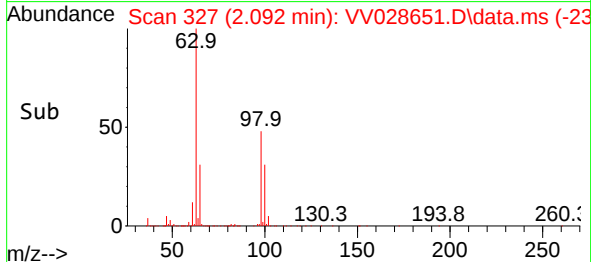
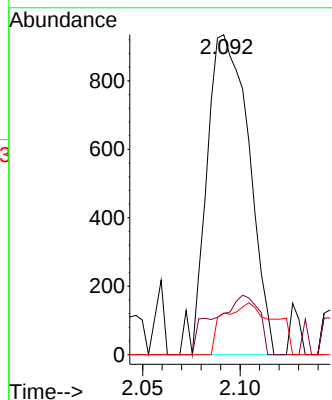
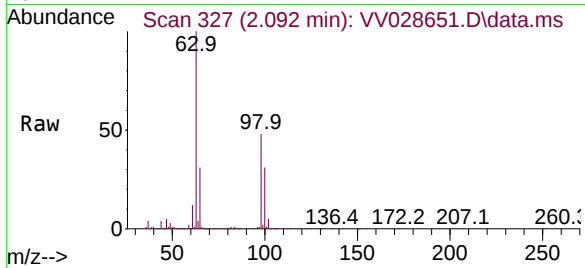
Tgt Ion:101 Resp: 1407

Ion Ratio Lower Upper

101 100

85 19.6 37.0 55.6#

151 19.6 50.2 75.2#



#12

1,1-Dichloroethene

Concen: 0.102 ug/L

RT: 2.092 min Scan# 327

Delta R.T. -0.013 min

Lab File: VV028651.D

Acq: 21 Oct 2022 10:39

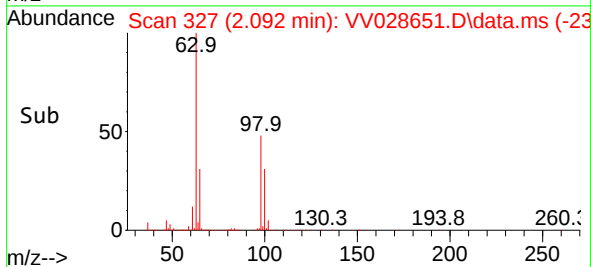
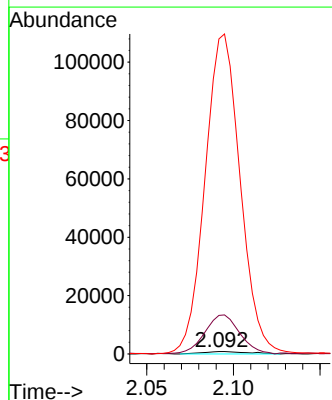
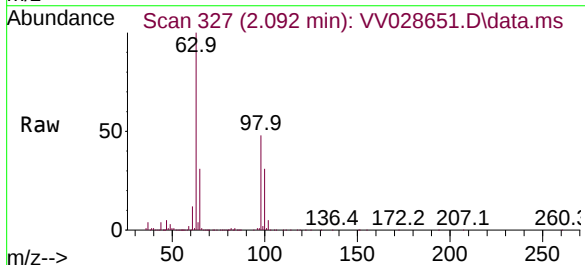
Tgt Ion: 96 Resp: 1496

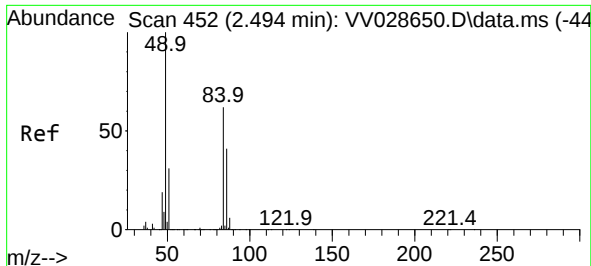
Ion Ratio Lower Upper

96 100

61 1568.9 148.1 275.1#

63 12805.7 133.3 247.7#

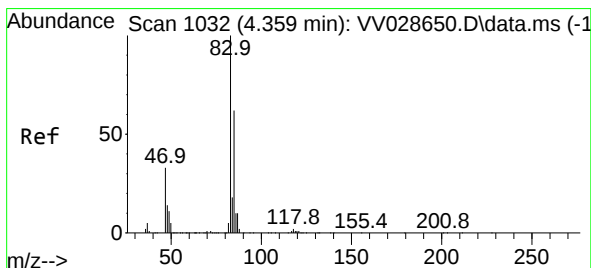
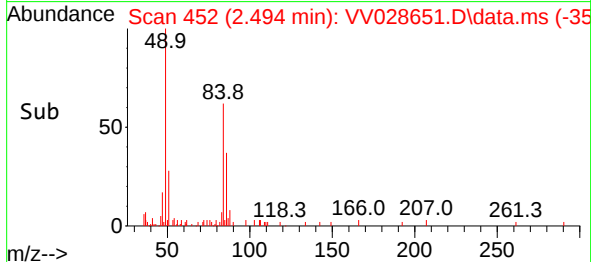
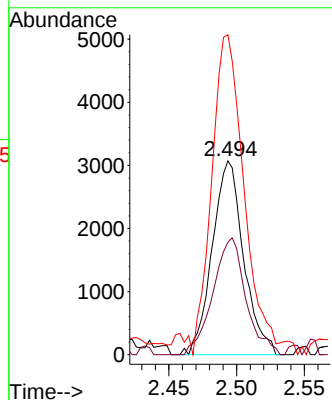
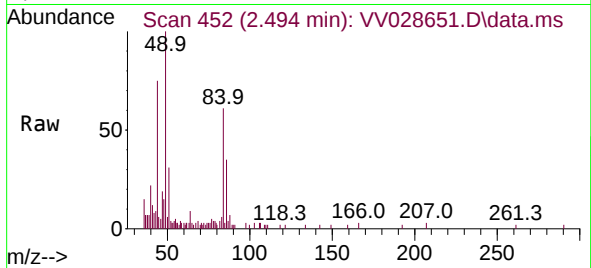




#16
Methylene chloride
Concen: 0.233 ug/L
RT: 2.494 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV028651.D
Acq: 21 Oct 2022 10:39

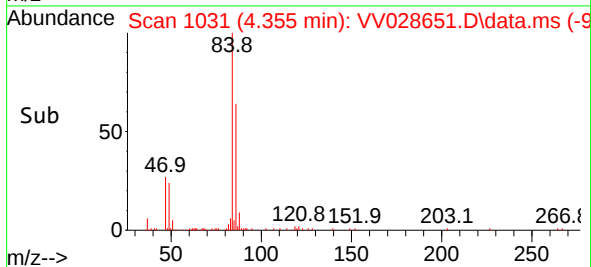
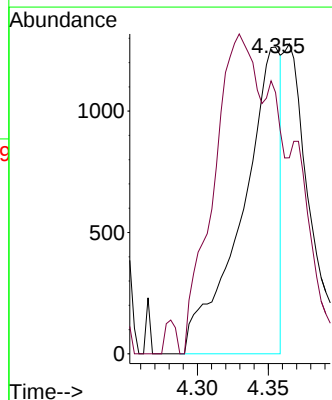
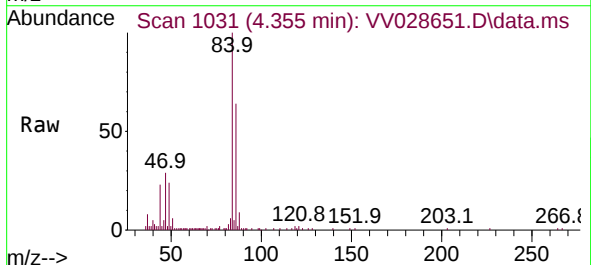
Instrument :
MSVOA_V
ClientSampleId :
VBLK254

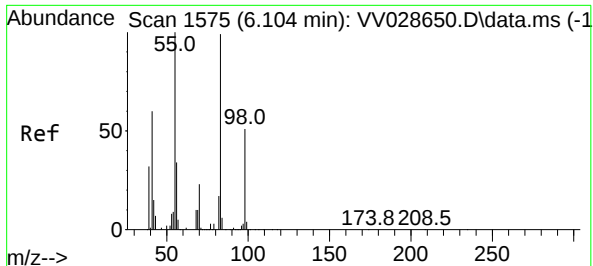
Tgt Ion: 84 Resp: 4942
Ion Ratio Lower Upper
84 100
86 58.0 44.4 82.4
49 165.1 110.8 205.8



#25
Chloroform
Concen: 0.068 ug/L
RT: 4.355 min Scan# 1031
Delta R.T. -0.003 min
Lab File: VV028651.D
Acq: 21 Oct 2022 10:39

Tgt Ion: 83 Resp: 2397
Ion Ratio Lower Upper
83 100
85 85.2 44.1 81.9#





#35

Methylcyclohexane

Concen: 1.089 ug/L

RT: 6.053 min Scan# 11

Delta R.T. -0.052 min

Lab File: VV028651.D

Acq: 21 Oct 2022 10:39

Instrument :

MSVOA_V

ClientSampleId :

VBLK254

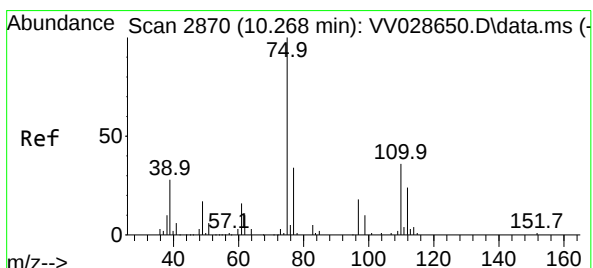
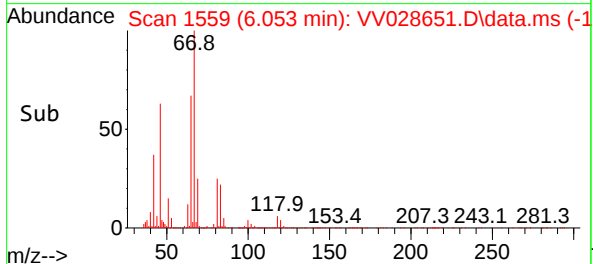
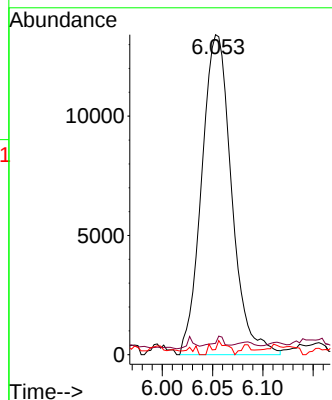
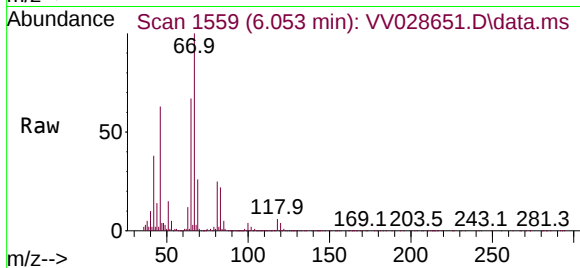
Tgt Ion: 83 Resp: 27754

Ion Ratio Lower Upper

83 100

55 1.0 70.0 105.0#

98 2.0 35.6 53.4#



#61

1,2,3-Trichloropropane

Concen: 1.378 ug/L

RT: 11.236 min Scan# 3171

Delta R.T. 0.968 min

Lab File: VV028651.D

Acq: 21 Oct 2022 10:39

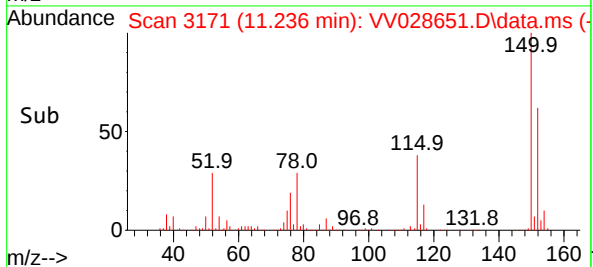
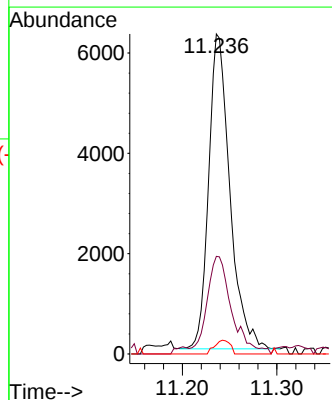
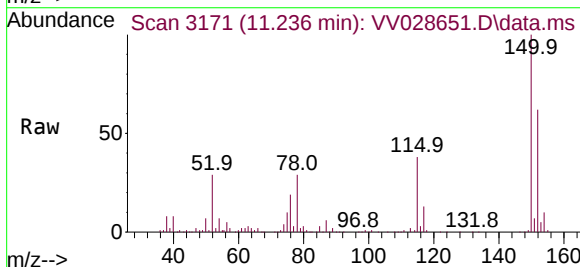
Tgt Ion: 75 Resp: 9780

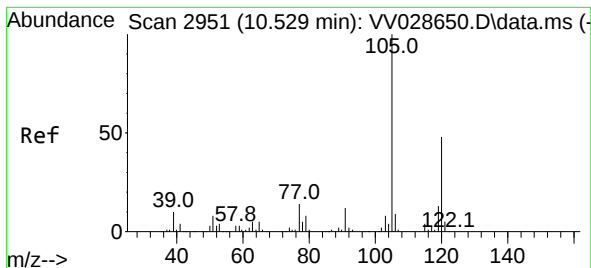
Ion Ratio Lower Upper

75 100

77 36.0 25.2 37.8

110 3.2 27.9 41.9#





#62

1,3,5-Trimethylbenzene

Concen: 0.031 ug/L

RT: 10.529 min Scan# 2951

Delta R.T. -0.000 min

Lab File: VV028651.D

Acq: 21 Oct 2022 10:39

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ClientSampleId :

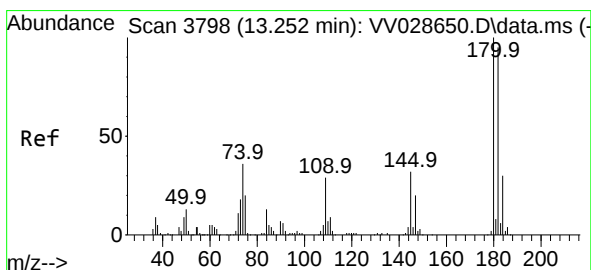
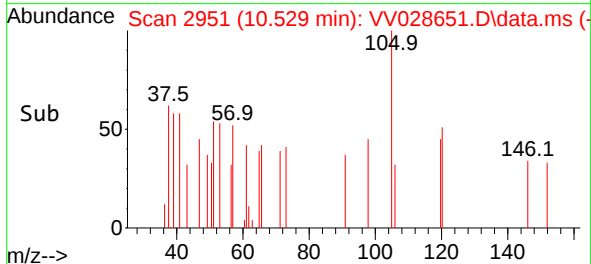
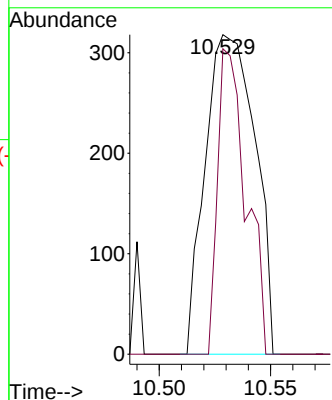
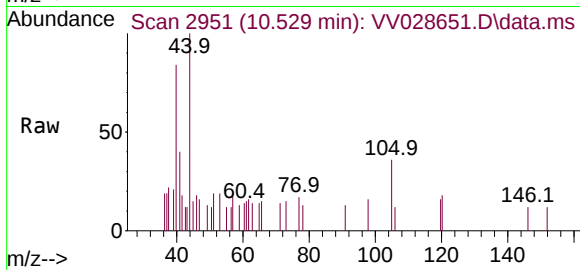
VBLK254

Tgt Ion:105 Resp: 495

Ion Ratio Lower Upper

105 100

120 54.3 38.3 57.5



#70

1,2,4-trichlorobenzene

Concen: 0.081 ug/L

RT: 13.255 min Scan# 3799

Delta R.T. 0.003 min

Lab File: VV028651.D

Acq: 21 Oct 2022 10:39

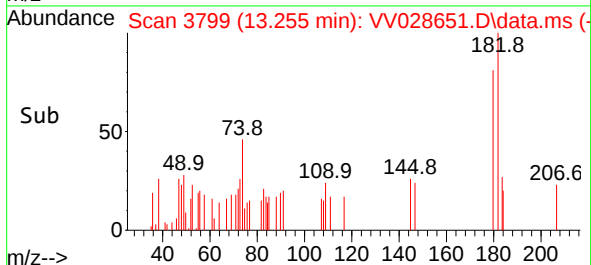
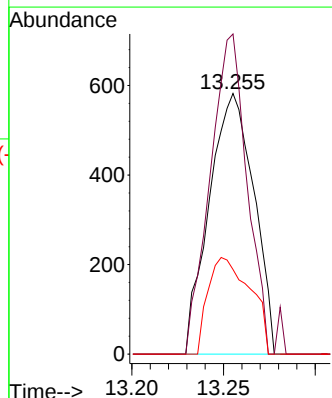
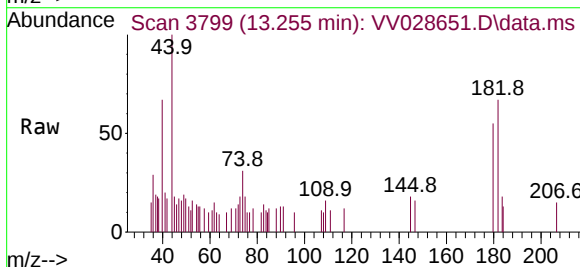
Tgt Ion:180 Resp: 985

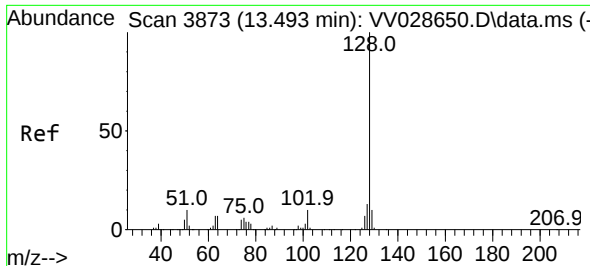
Ion Ratio Lower Upper

180 100

182 101.4 74.7 112.1

145 35.0 25.5 38.3

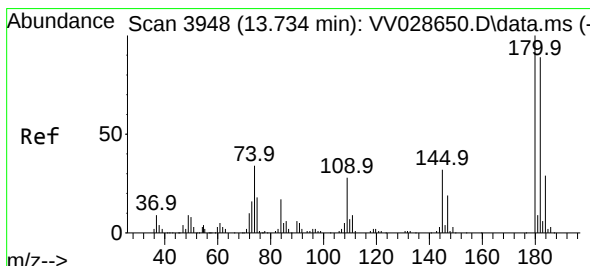
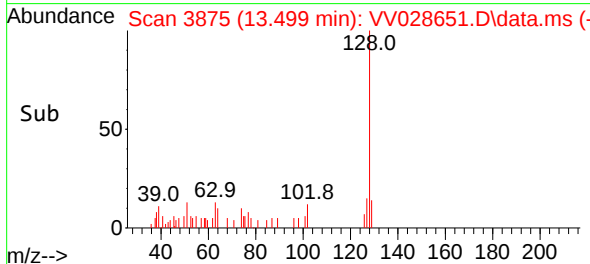
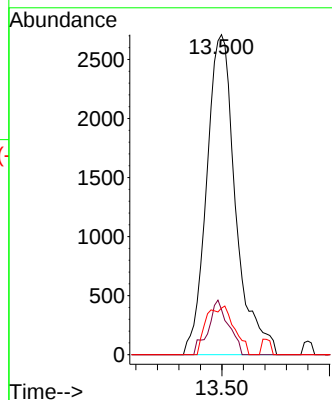
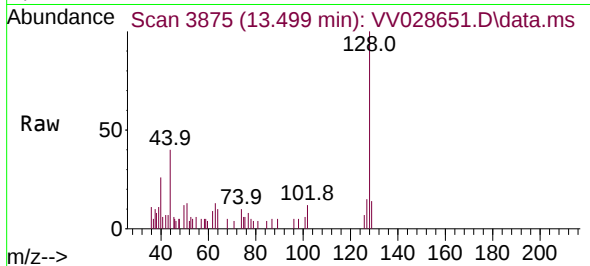




#71
Naphthalene
Concen: 0.246 ug/L
RT: 13.499 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV028651.D
Acq: 21 Oct 2022 10:39

Instrument :
MSVOA_V
ClientSampleId :
VBLK254

Tgt Ion:128	Resp:	5064
Ion Ratio	Lower	Upper
128	100	
129	11.9	8.9 13.3
127	14.7	10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 0.101 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.006 min
Lab File: VV028651.D
Acq: 21 Oct 2022 10:39

Tgt Ion:180	Resp:	1071
Ion Ratio	Lower	Upper
180	100	
182	111.7	73.4 110.0#
145	19.0	26.3 39.5#

