

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070522\
 Data File : VV026638.D
 Acq On : 05 Jul 2022 12:35
 Operator : SY/MD
 Sample : VV0705WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK388

Quant Time: Jul 06 00:23:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 06 00:22:14 2022
 Response via : Initial Calibration

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

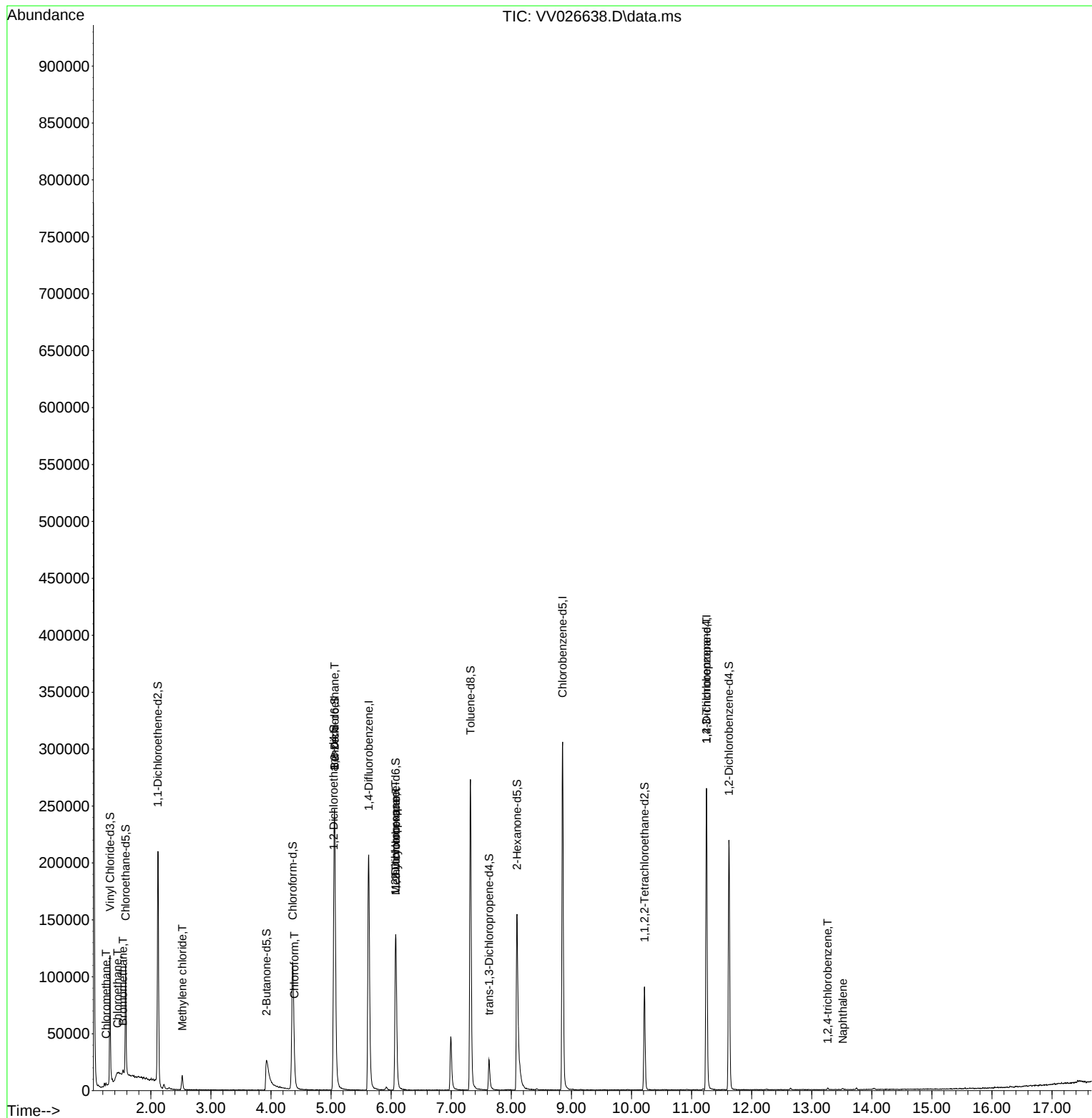
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	188987	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	184115	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73042	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	77478	5.098	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.000%
7) Chloroethane-d5	1.580	69	63660	5.214	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.200%
11) 1,1-Dichloroethene-d2	2.117	63	107239	3.971	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.400%
20) 2-Butanone-d5	3.924	46	58473	38.697	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.400%
24) Chloroform-d	4.362	84	120546	4.852	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.043	65	48316	5.049	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.059	84	238718	4.514	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.075	67	70580	4.853	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.320	98	192754	4.053	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	7.628	79	17518	4.660	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.200%
46) 2-Hexanone-d5	8.095	63	59339	41.444	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.880%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	45931	4.828	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	60906	5.039	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						Qvalue
3) Chloromethane	1.252	50	1311	0.083	ug/L	98
6) Bromomethane	1.535	94	2257	0.249	ug/L	89
8) Chloroethane	1.445	64	15388	1.350	ug/L #	55
16) Methylene chloride	2.523	84	5747	0.424	ug/L	90
25) Chloroform	4.387	83	5344	0.214	ug/L	97
27) 1,2-Dichloroethane	5.059	62	1188	0.107	ug/L #	72
35) Methylcyclohexane	6.079	83	17519	0.838	ug/L #	20
37) 1,2-Dichloropropane	6.072	63	7109	0.549	ug/L #	85
61) 1,2,3-Trichloropropane	11.249	75	8134	1.720	ug/L #	65
70) 1,2,4-trichlorobenzene	13.265	180	694	0.062	ug/L #	85
71) Naphthalene	13.519	128	1578	0.109	ug/L #	71

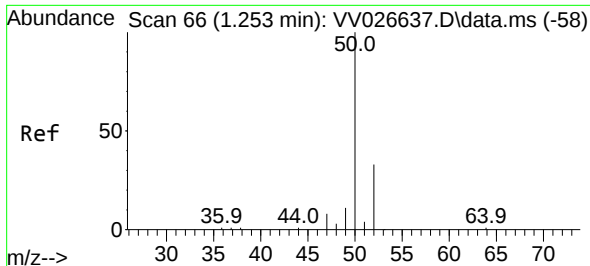
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070522\
Data File : VV026638.D
Acq On : 05 Jul 2022 12:35
Operator : SY/MD
Sample : VV0705WBL01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK388

Quant Time: Jul 06 00:23:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jul 06 00:22:14 2022
Response via : Initial Calibration

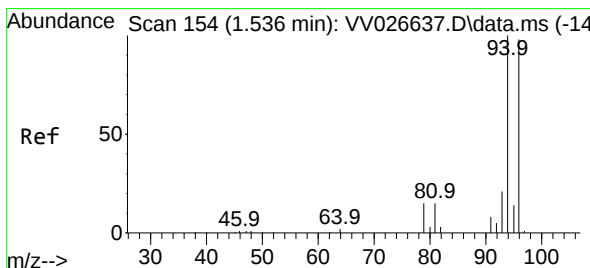
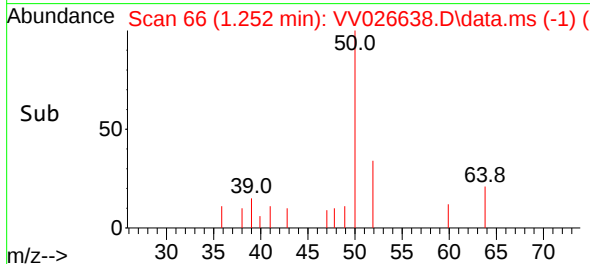
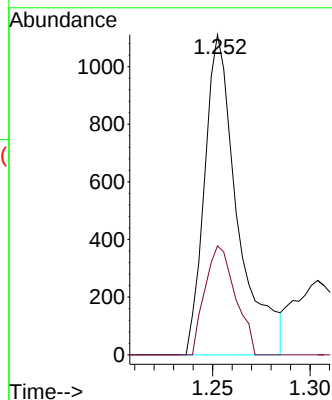
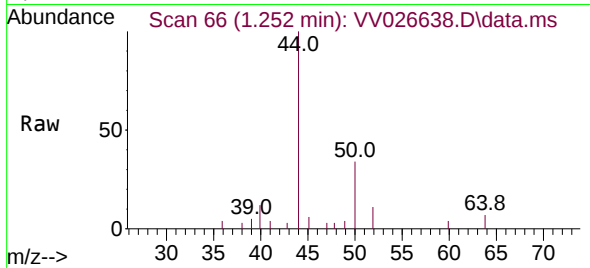




#3
Chloromethane
Concen: 0.083 ug/L
RT: 1.252 min Scan# 66
Delta R.T. -0.000 min
Lab File: VV026638.D
Acq: 05 Jul 2022 12:35

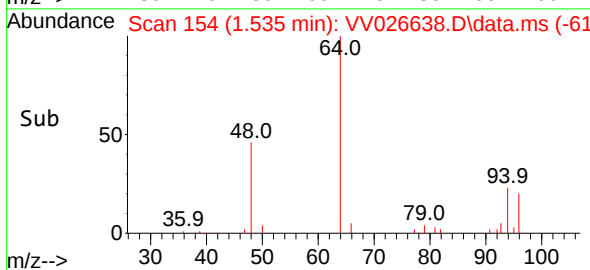
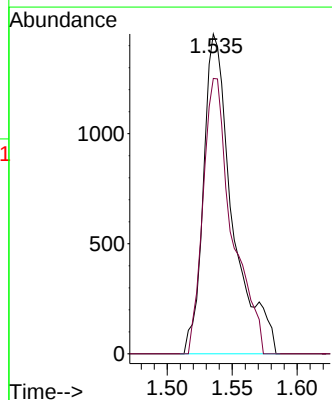
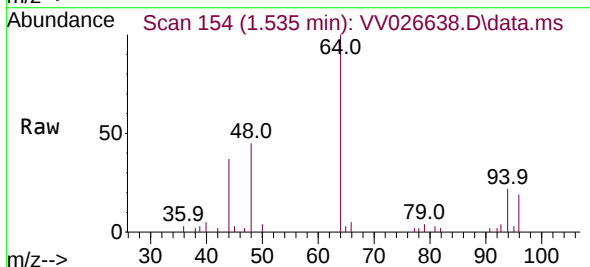
Instrument :
MSVOA_V
ClientSampleId :
VBLK388

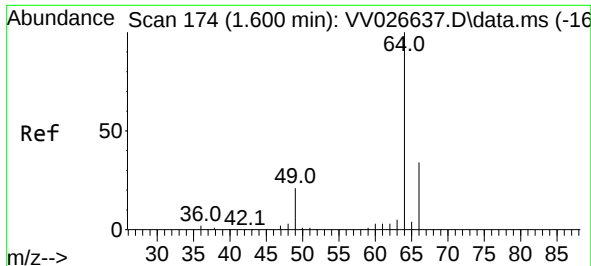
Tgt Ion: 50 Resp: 1311
Ion Ratio Lower Upper
50 100
52 34.0 23.0 42.6



#6
Bromomethane
Concen: 0.249 ug/L
RT: 1.535 min Scan# 154
Delta R.T. -0.000 min
Lab File: VV026638.D
Acq: 05 Jul 2022 12:35

Tgt Ion: 94 Resp: 2257
Ion Ratio Lower Upper
94 100
96 86.1 68.0 126.2

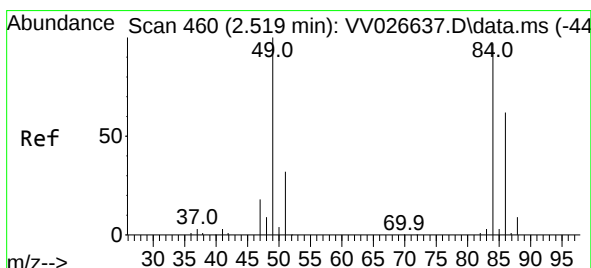
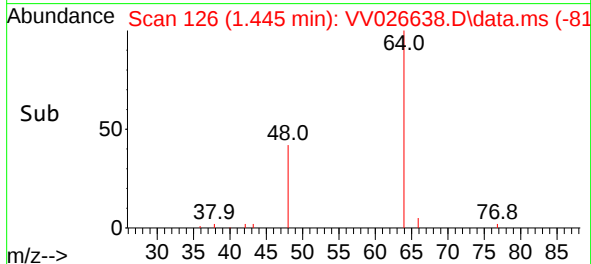
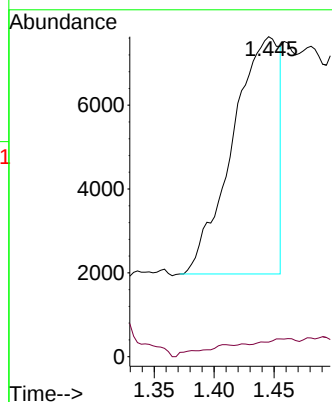
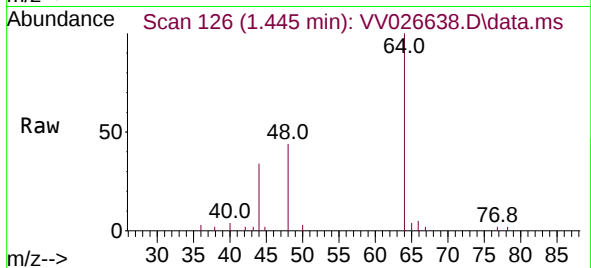




#8
Chloroethane
Concen: 1.350 ug/L
RT: 1.445 min Scan# 11
Delta R.T. -0.154 min
Lab File: VV026638.D
Acq: 05 Jul 2022 12:35

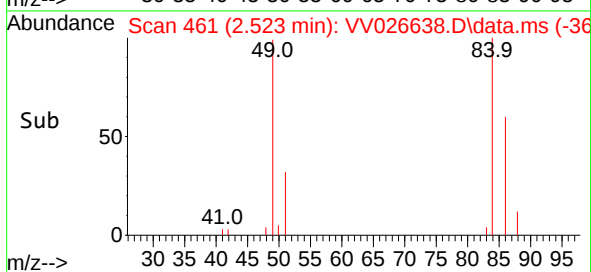
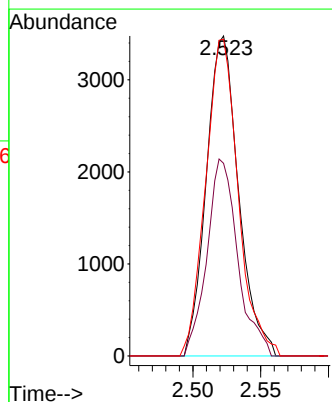
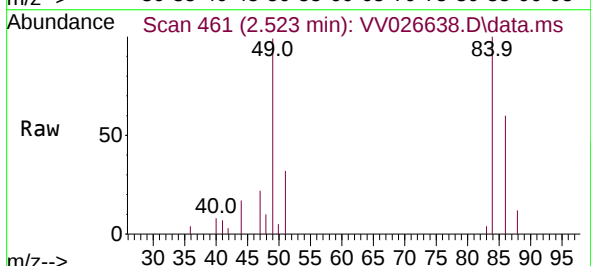
Instrument :
MSVOA_V
ClientSampleId :
VBLK388

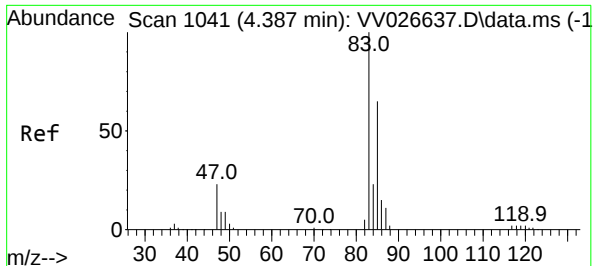
Tgt Ion: 64 Resp: 15388
Ion Ratio Lower Upper
64 100
66 4.5 20.0 37.2#



#16
Methylene chloride
Concen: 0.424 ug/L
RT: 2.523 min Scan# 461
Delta R.T. 0.003 min
Lab File: VV026638.D
Acq: 05 Jul 2022 12:35

Tgt Ion: 84 Resp: 5747
Ion Ratio Lower Upper
84 100
86 60.2 46.0 85.4
49 99.0 77.7 144.3





#25

Chloroform

Concen: 0.214 ug/L

RT: 4.387 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV026638.D

Acq: 05 Jul 2022 12:35

Instrument :

MSVOA_V

ClientSampleId :

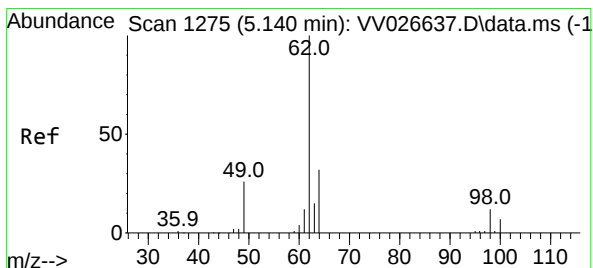
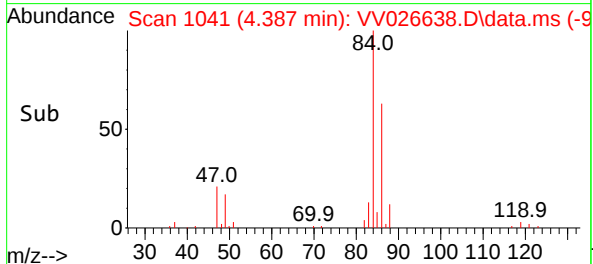
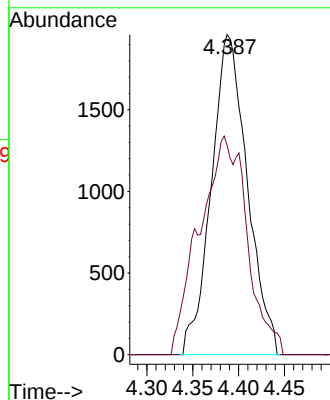
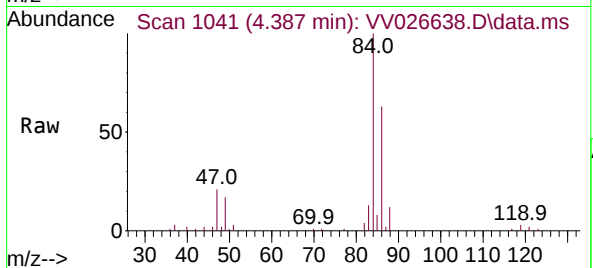
VBLK388

Tgt Ion: 83 Resp: 5344

Ion Ratio Lower Upper

83 100

85 65.5 44.0 81.8



#27

1,2-Dichloroethane

Concen: 0.107 ug/L

RT: 5.059 min Scan# 1250

Delta R.T. -0.080 min

Lab File: VV026638.D

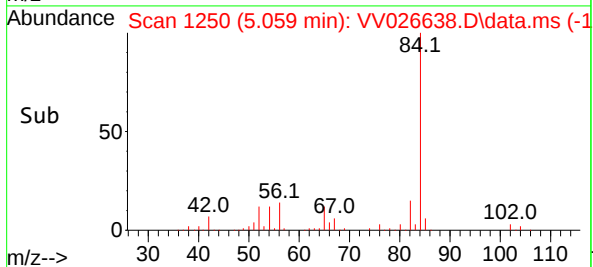
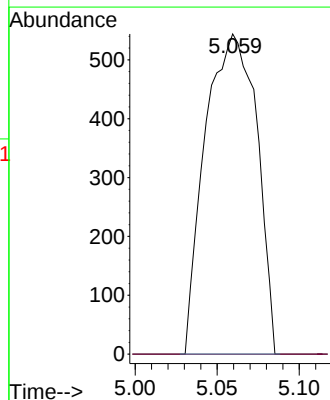
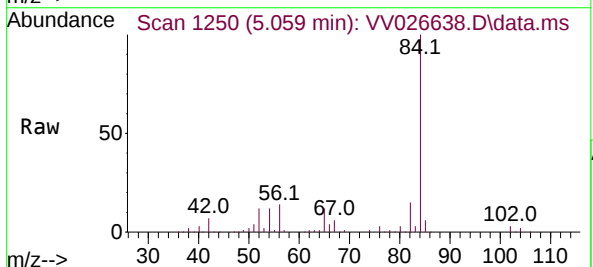
Acq: 05 Jul 2022 12:35

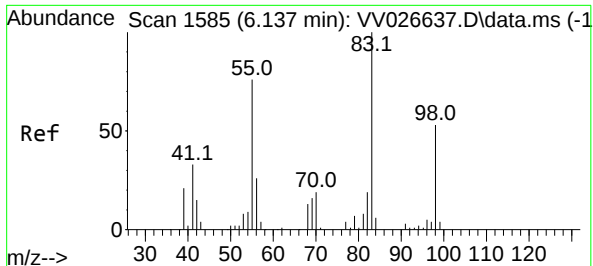
Tgt Ion: 62 Resp: 1188

Ion Ratio Lower Upper

62 100

98 0.0 8.4 12.6#





#35

Methylcyclohexane

Concen: 0.838 ug/L

RT: 6.079 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV026638.D

Acq: 05 Jul 2022 12:35

Instrument :

MSVOA_V

ClientSampleId :

VBLK388

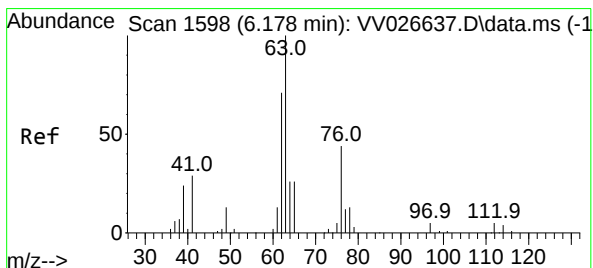
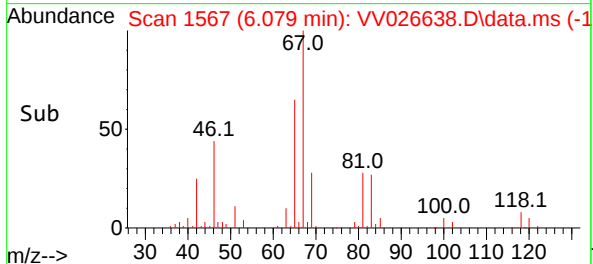
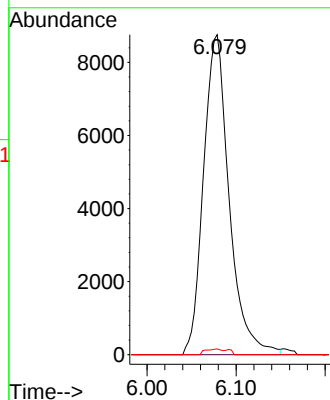
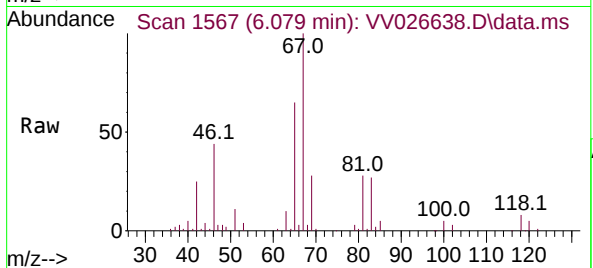
Tgt Ion: 83 Resp: 17519

Ion Ratio Lower Upper

83 100

55 0.0 57.0 85.4#

98 1.1 39.8 59.8#



#37

1,2-Dichloropropane

Concen: 0.549 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.106 min

Lab File: VV026638.D

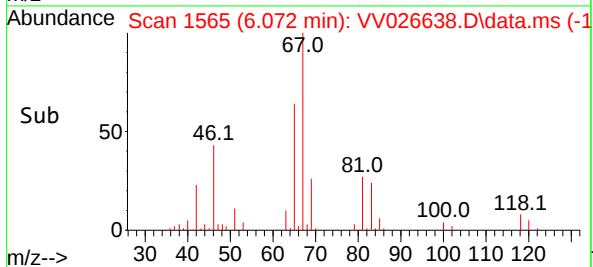
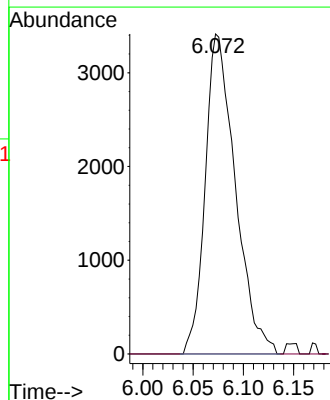
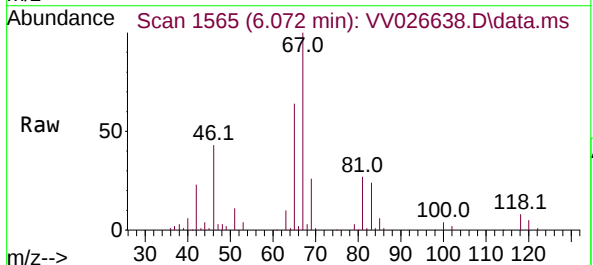
Acq: 05 Jul 2022 12:35

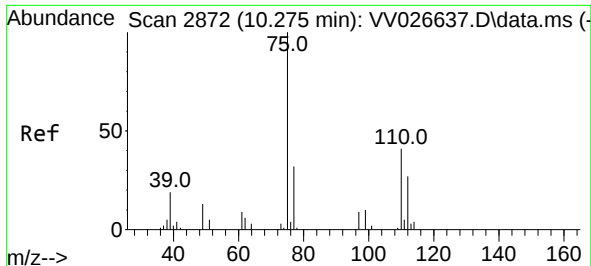
Tgt Ion: 63 Resp: 7109

Ion Ratio Lower Upper

63 100

112 0.3 4.2 6.4#





#61

1,2,3-Trichloropropane

Concen: 1.720 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV026638.D

Acq: 05 Jul 2022 12:35

Instrument :

MSVOA_V

ClientSampleId :

VBLK388

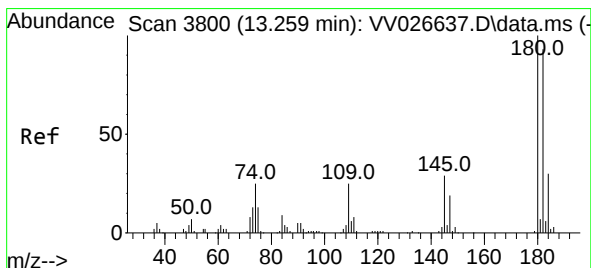
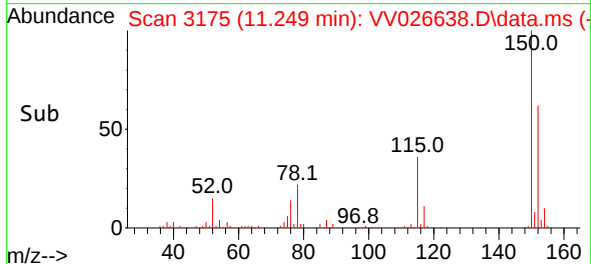
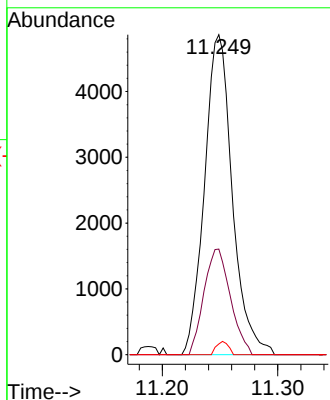
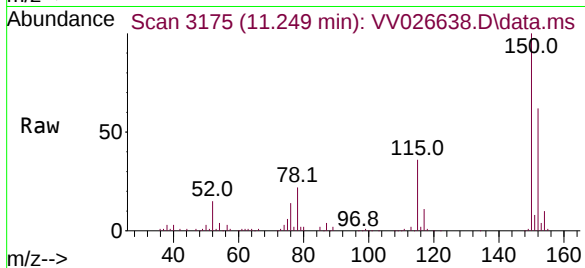
Tgt Ion: 75 Resp: 8134

Ion Ratio Lower Upper

75 100

77 31.3 25.8 38.6

110 1.8 32.5 48.7#



#70

1,2,4-trichlorobenzene

Concen: 0.062 ug/L

RT: 13.265 min Scan# 3802

Delta R.T. 0.006 min

Lab File: VV026638.D

Acq: 05 Jul 2022 12:35

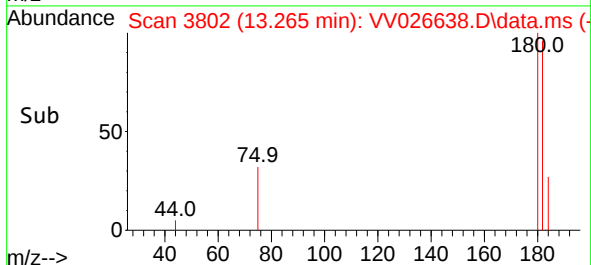
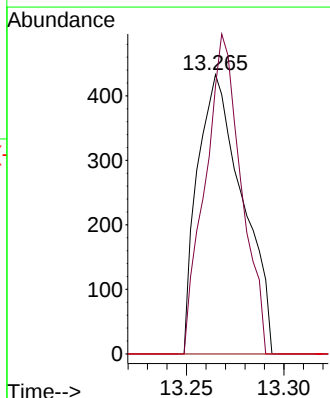
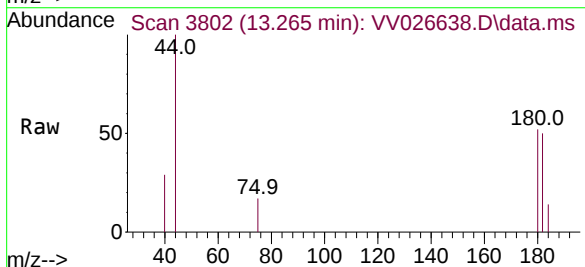
Tgt Ion: 180 Resp: 694

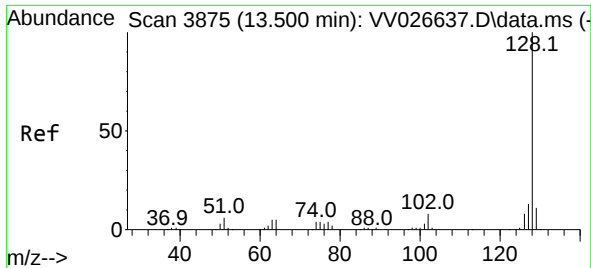
Ion Ratio Lower Upper

180 100

182 91.8 75.2 112.8

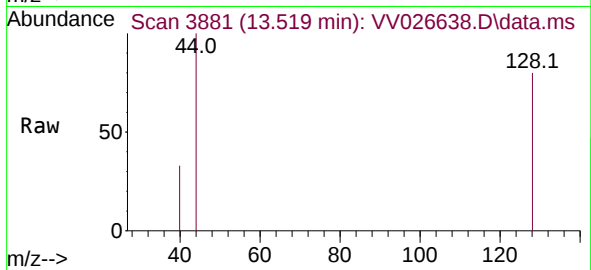
145 0.0 24.4 36.6#





#71
Naphthalene
Concen: 0.109 ug/L
RT: 13.519 min Scan# 3881
Delta R.T. 0.019 min
Lab File: VV026638.D
Acq: 05 Jul 2022 12:35

Instrument :
MSVOA_V
ClientSampleId :
VBLK388



Tgt Ion:128 Resp: 1578
Ion Ratio Lower Upper
128 100
129 0.0 8.6 12.8#
127 1.2 10.2 15.4#

