

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081622\
 Data File : VV027402.D
 Acq On : 16 Aug 2022 10:07
 Operator : SY/MD
 Sample : VV0816WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK205

Quant Time: Aug 16 18:34:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 16 00:24:20 2022
 Response via : Initial Calibration

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

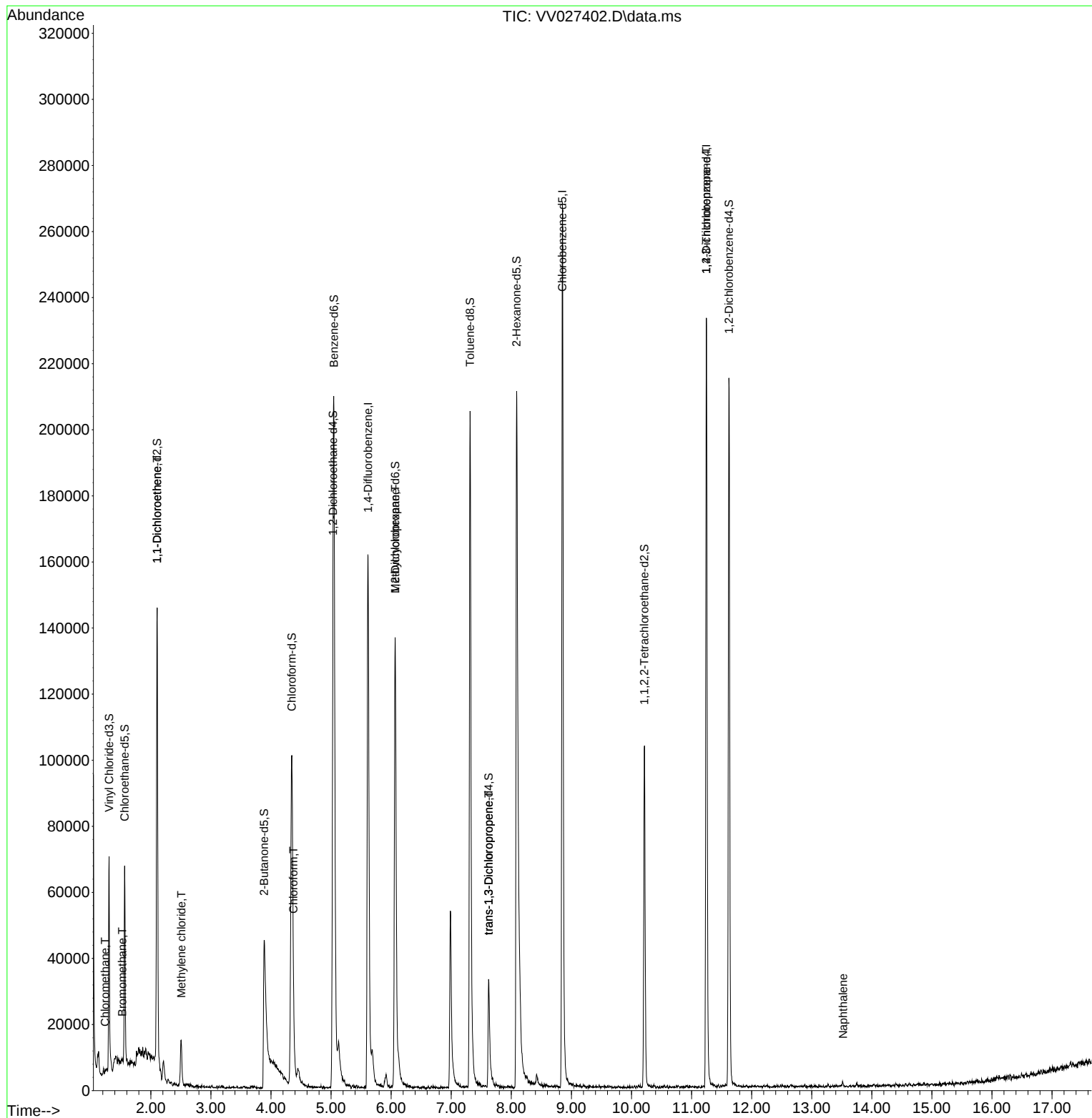
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	135501	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	149618	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	61513	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	44703	3.797	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.000%
7) Chloroethane-d5	1.564	69	36987	4.326	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.105	63	72881	3.414	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.200%
20) 2-Butanone-d5	3.886	46	83195	41.729	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.460%
24) Chloroform-d	4.346	84	102797	4.761	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.030	65	53369	5.189	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.047	84	182120	4.126	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	6.066	67	67431	4.941	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.313	98	144221	3.569	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.400%
43) trans-1,3-Dichloroprop...	7.622	79	19722	4.172	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.088	63	88836	48.562	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.120%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	49106	4.974	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	55561	5.233	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.600%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	642	0.040	ug/L	97
6) Bromomethane	1.523	94	429	0.061	ug/L	74
12) 1,1-Dichloroethene	2.105	96	869	0.089	ug/L #	1
16) Methylene chloride	2.506	84	5476	0.349	ug/L	97
25) Chloroform	4.371	83	10241	0.434	ug/L	100
35) Methylcyclohexane	6.066	83	16341	0.932	ug/L #	16
44) trans-1,3-Dichloropropene	7.622	75	1188	0.088	ug/L #	24
61) 1,2,3-Trichloropropane	11.246	75	7445	1.257	ug/L #	67
71) Naphthalene	13.522	128	1300	0.081	ug/L #	91

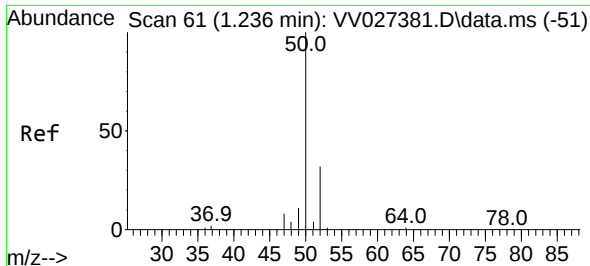
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VBLK205

Quant Time: Aug 16 18:34:22 2022
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Aug 16 00:24:20 2022
Response via : Initial Calibration

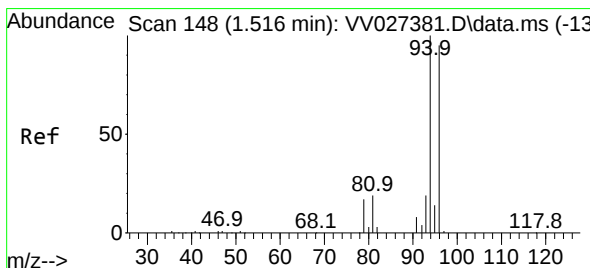
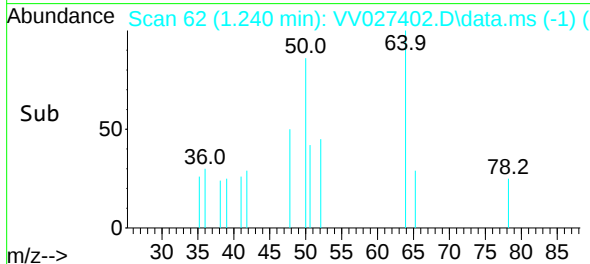
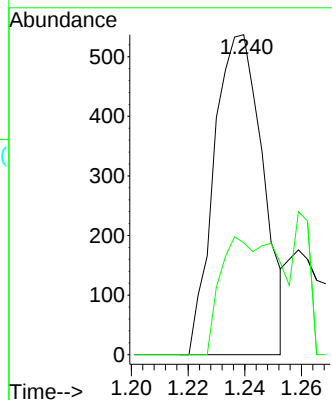
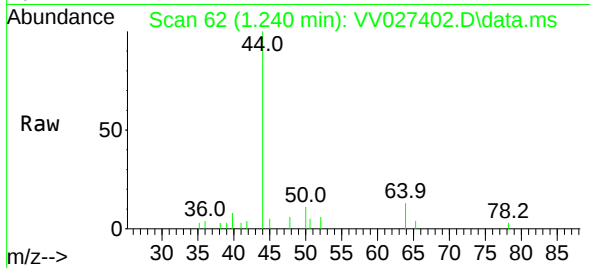




#3
Chloromethane
Concen: 0.040 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV027402.D
Acq: 16 Aug 2022 10:07

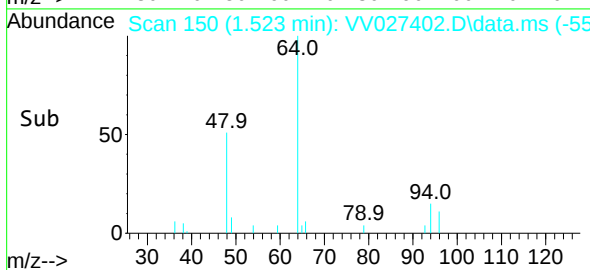
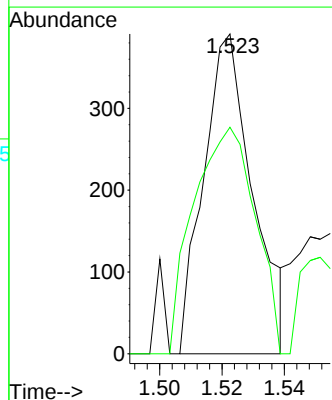
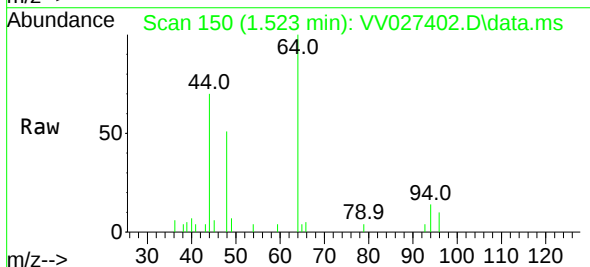
Instrument :
MSVOA_V
ClientSampleId :
VBLK205

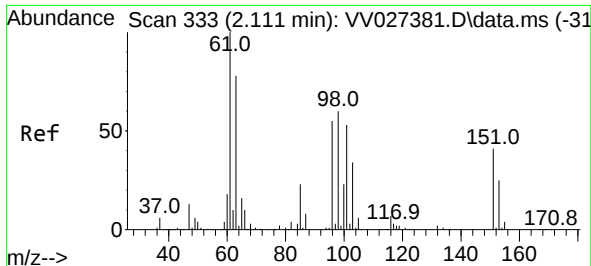
Tgt Ion: 50 Resp: 642
Ion Ratio Lower Upper
50 100
52 35.0 23.4 43.4



#6
Bromomethane
Concen: 0.061 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.006 min
Lab File: VV027402.D
Acq: 16 Aug 2022 10:07

Tgt Ion: 94 Resp: 429
Ion Ratio Lower Upper
94 100
96 70.8 67.2 124.8





#12

1,1-Dichloroethene

Concen: 0.089 ug/L

RT: 2.105 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV027402.D

Acq: 16 Aug 2022 10:07

Instrument :

MSVOA_V

ClientSampleId :

VBLK205

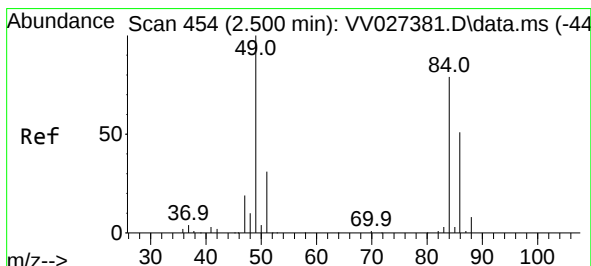
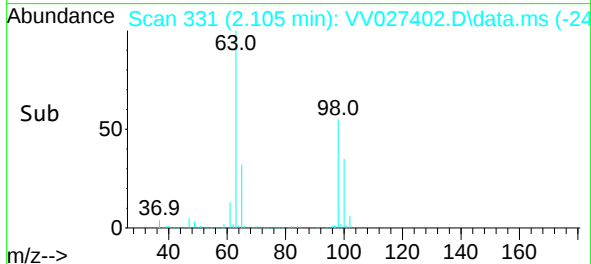
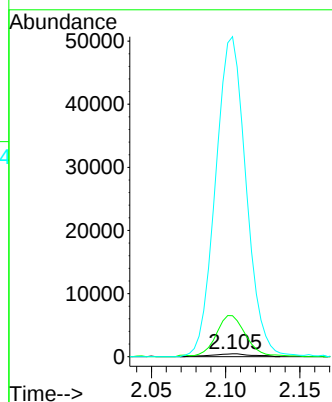
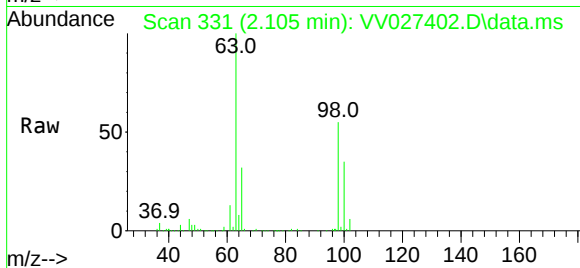
Tgt Ion: 96 Resp: 869

Ion Ratio Lower Upper

96 100

61 856.1 130.7 242.7#

63 6680.4 101.4 188.2#



#16

Methylene chloride

Concen: 0.349 ug/L

RT: 2.506 min Scan# 456

Delta R.T. 0.006 min

Lab File: VV027402.D

Acq: 16 Aug 2022 10:07

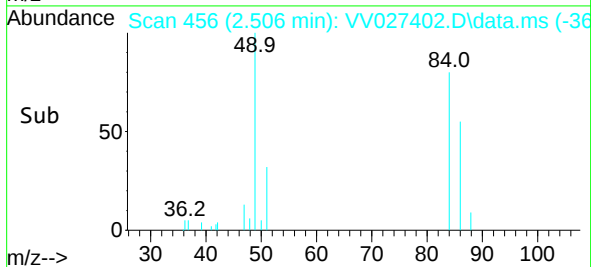
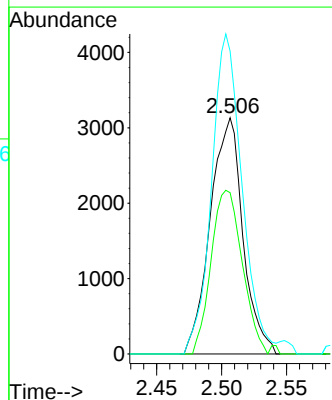
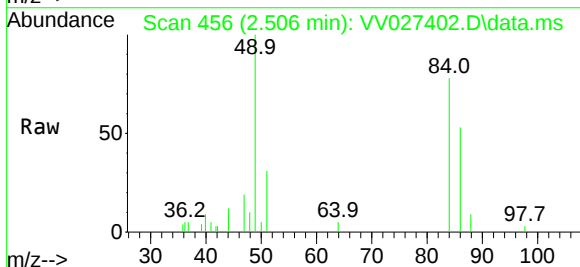
Tgt Ion: 84 Resp: 5476

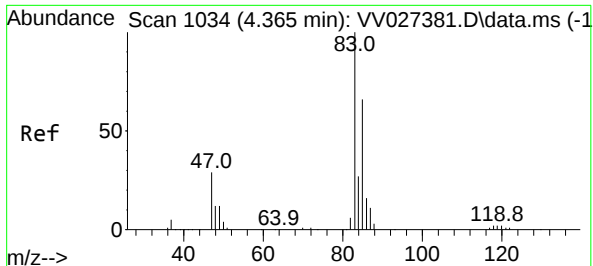
Ion Ratio Lower Upper

84 100

86 68.3 45.1 83.9

49 128.2 91.2 169.4





#25

Chloroform

Concen: 0.434 ug/L

RT: 4.371 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV027402.D

Acq: 16 Aug 2022 10:07

Instrument :

MSVOA_V

ClientSampleId :

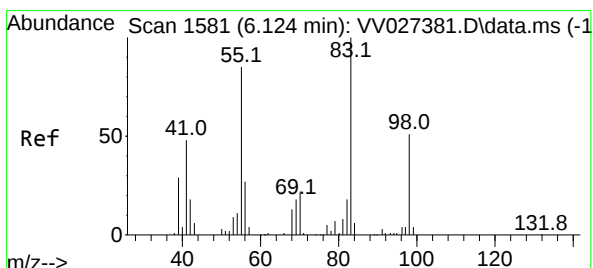
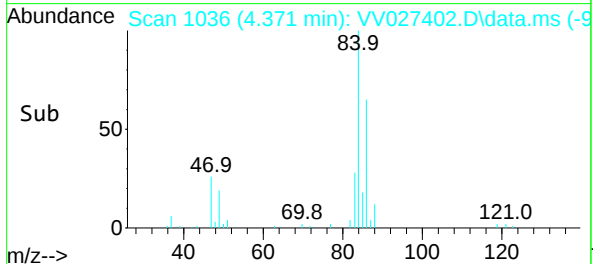
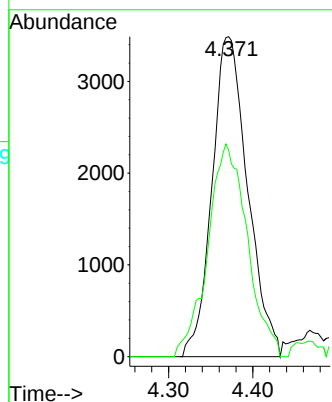
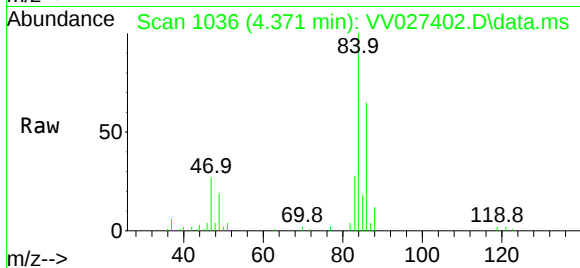
VBLK205

Tgt Ion: 83 Resp: 10241

Ion Ratio Lower Upper

83 100

85 64.5 45.2 84.0



#35

Methylcyclohexane

Concen: 0.932 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.058 min

Lab File: VV027402.D

Acq: 16 Aug 2022 10:07

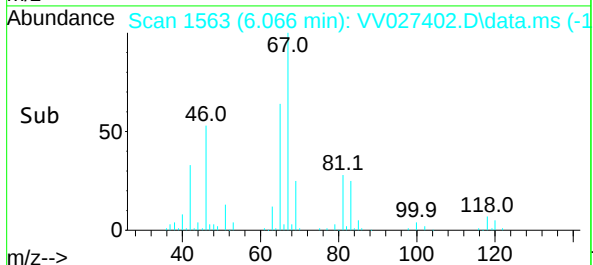
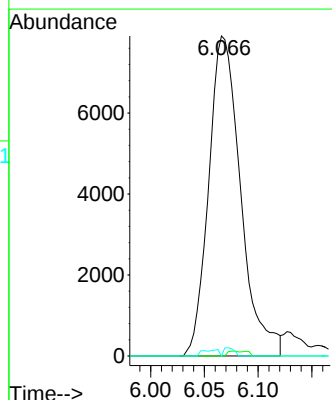
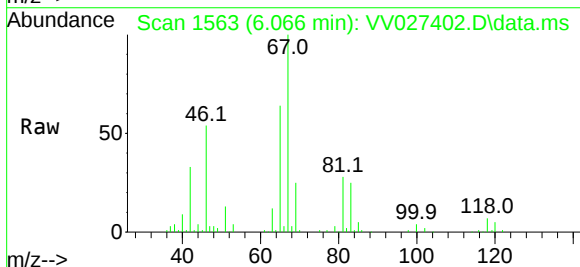
Tgt Ion: 83 Resp: 16341

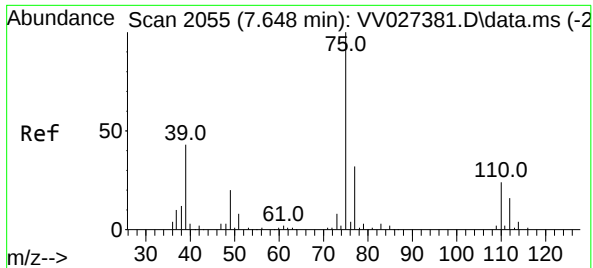
Ion Ratio Lower Upper

83 100

55 0.0 67.0 100.6#

98 1.0 38.7 58.1#

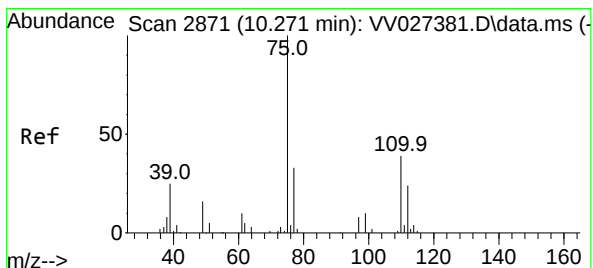
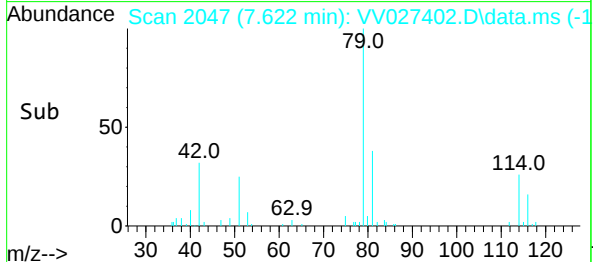
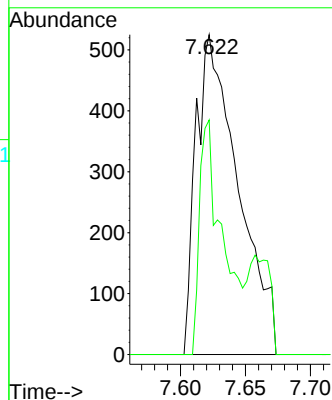
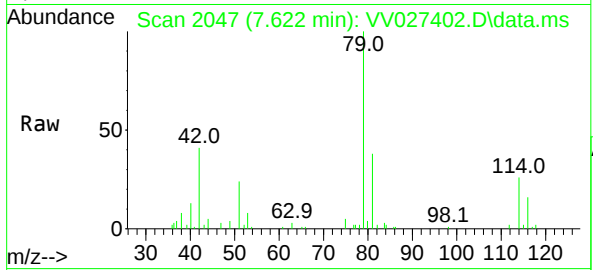




#44
trans-1,3-Dichloropropene
Concen: 0.088 ug/L
RT: 7.622 min Scan# 2055
Delta R.T. -0.026 min
Lab File: VV027402.D
Acq: 16 Aug 2022 10:07

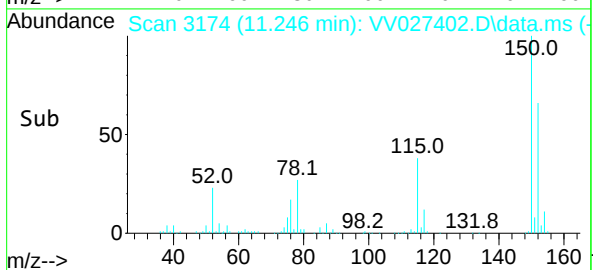
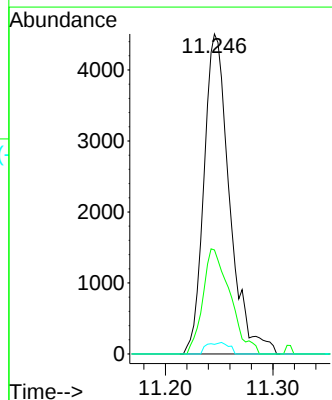
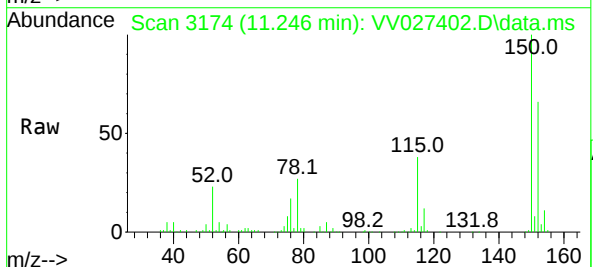
Instrument :
MSVOA_V
ClientSampleId :
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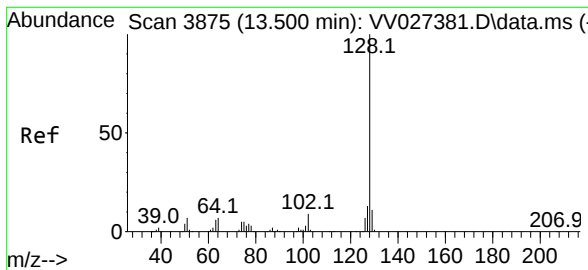
Tgt Ion: 75 Resp: 1188
Ion Ratio Lower Upper
75 100
77 73.3 21.9 40.7#



#61
1,2,3-Trichloropropane
Concen: 1.257 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV027402.D
Acq: 16 Aug 2022 10:07

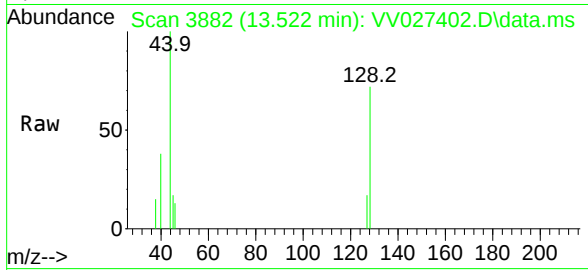
Tgt Ion: 75 Resp: 7445
Ion Ratio Lower Upper
75 100
77 35.0 26.6 39.8
110 3.1 31.0 46.6#





#71
Naphthalene
Concen: 0.081 ug/L
RT: 13.522 min Scan# 3882
Delta R.T. 0.023 min
Lab File: VV027402.D
Acq: 16 Aug 2022 10:07

Instrument : MSVOA_V
ClientSampleId : VBLK205



Tgt Ion:	128	Resp:	1300
Ion	Ratio	Lower	Upper
128	100		
129	7.2	9.0	13.4#
127	10.4	10.6	15.8#

