

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062022\
 Data File : VV026449.D
 Acq On : 20 Jun 2022 16:34
 Operator : SY/MD
 Sample : N3256-13
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK4

Quant Time: Jun 21 02:35:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 21 02:31:12 2022
 Response via : Initial Calibration

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

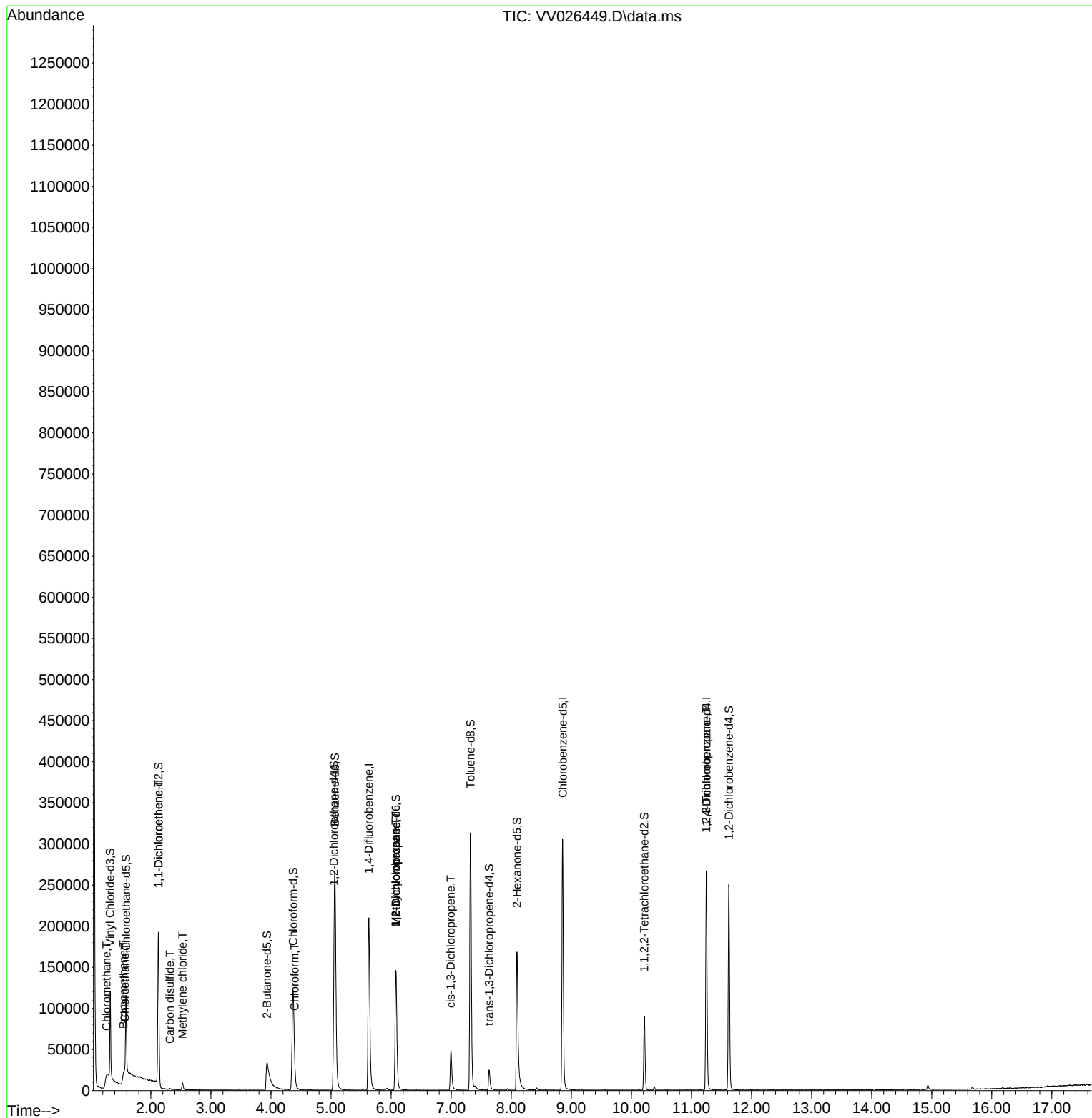
Internal Standards						
1) 1,4-Difluorobenzene	5.629	114	188691	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	176147	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72418	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	67390	4.112	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.200%
7) Chloroethane-d5	1.587	69	59305	4.602	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.127	63	100882	3.584	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.600%
20) 2-Butanone-d5	3.934	46	81756	51.123	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.240%
24) Chloroform-d	4.368	84	130541	5.434	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.600%
26) 1,2-Dichloroethane-d4	5.050	65	52251	5.141	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.063	84	258007	5.479	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.600%
36) 1,2-Dichloropropane-d6	6.082	67	75504	5.493	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.800%
41) Toluene-d8	7.323	98	221111	5.149	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
43) trans-1,3-Dichloroprop...	7.632	79	16090	3.610	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.200%
46) 2-Hexanone-d5	8.095	63	62171	46.179	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.360%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44594	5.267	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	65998	5.917	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.262	50	867	0.055	ug/L #	72
6) Bromomethane	1.542	94	556	0.061	ug/L	74
8) Chloroethane	1.568	64	29348	2.902	ug/L #	50
12) 1,1-Dichloroethene	2.127	96	1012	0.085	ug/L #	1
14) Carbon disulfide	2.317	76	2206	0.075	ug/L #	66
16) Methylene chloride	2.529	84	3553	0.234	ug/L	90
25) Chloroform	4.394	83	2259	0.094	ug/L	79
35) Methylcyclohexane	6.079	83	18972	1.112	ug/L #	19
37) 1,2-Dichloropropane	6.082	63	7719	0.654	ug/L #	88
39) cis-1,3-Dichloropropene	6.992	75	1295	0.096	ug/L #	76
61) 1,2,3-Trichloropropane	11.246	75	8517	1.812	ug/L #	65

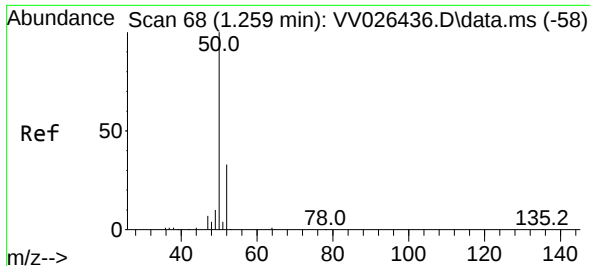
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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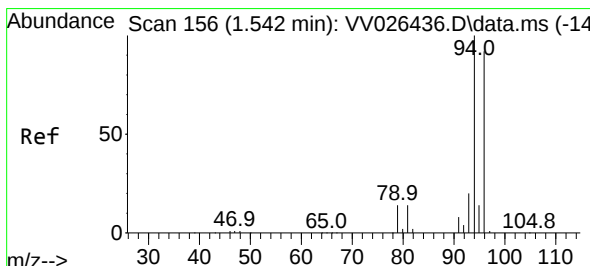
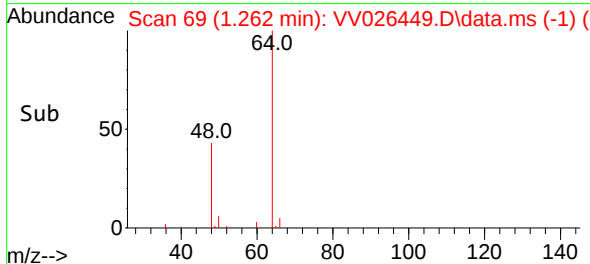
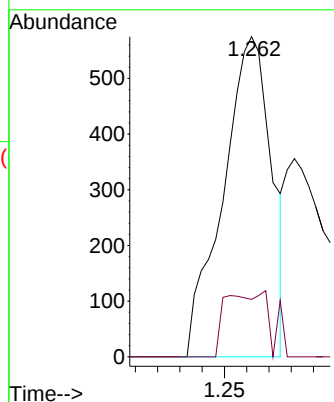
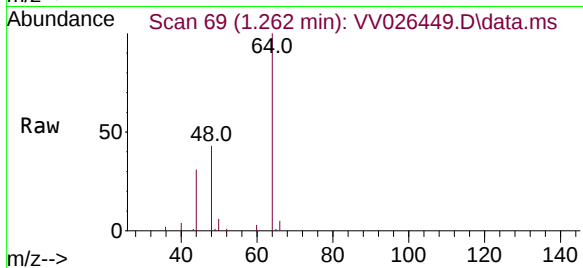




#3
Chloromethane
Concen: 0.055 ug/L
RT: 1.262 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026449.D
Acq: 20 Jun 2022 16:34

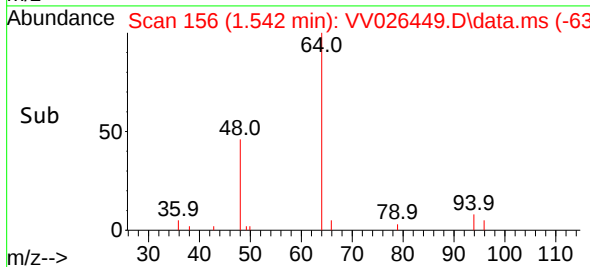
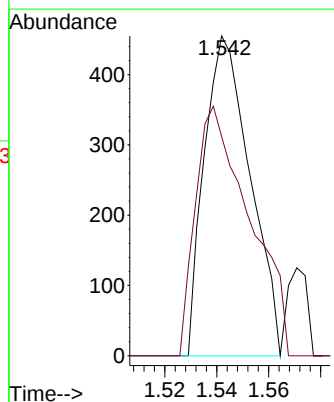
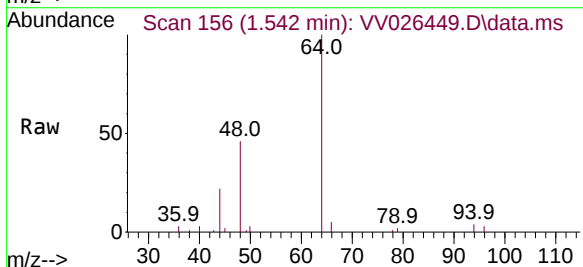
Instrument :
MSVOA_V
ClientSampleId :
C0AK4

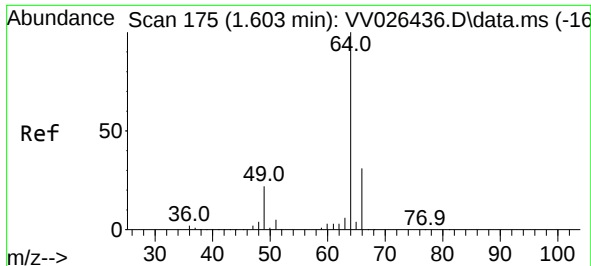
Tgt Ion: 50 Resp: 867
Ion Ratio Lower Upper
50 100
52 17.9 23.7 44.1#



#6
Bromomethane
Concen: 0.061 ug/L
RT: 1.542 min Scan# 156
Delta R.T. 0.000 min
Lab File: VV026449.D
Acq: 20 Jun 2022 16:34

Tgt Ion: 94 Resp: 556
Ion Ratio Lower Upper
94 100
96 68.6 65.7 121.9

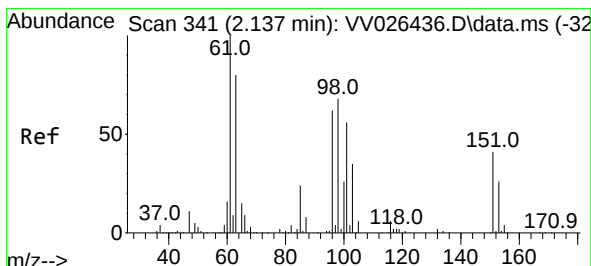
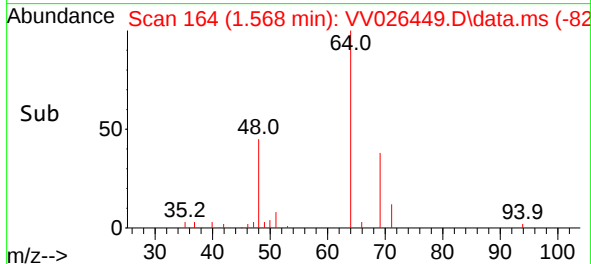
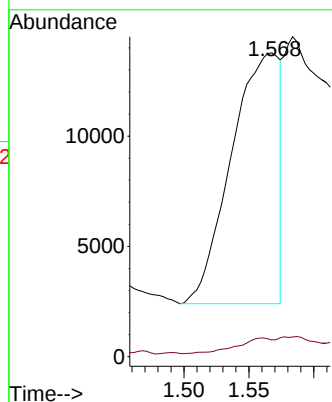
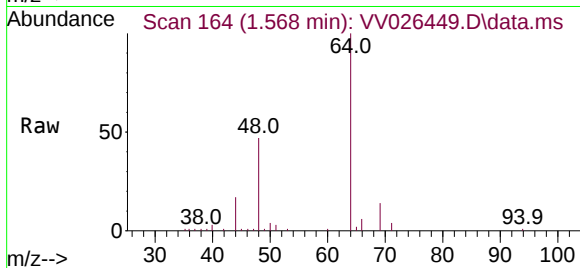




#8
Chloroethane
Concen: 2.902 ug/L
RT: 1.568 min Scan# 1
Delta R.T. -0.035 min
Lab File: VV026449.D
Acq: 20 Jun 2022 16:34

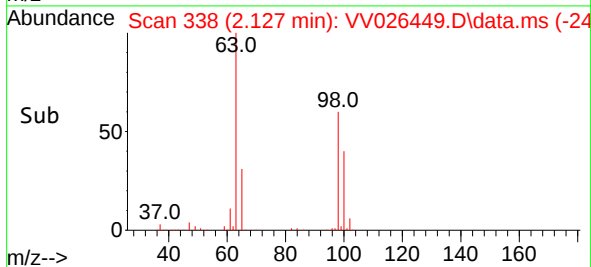
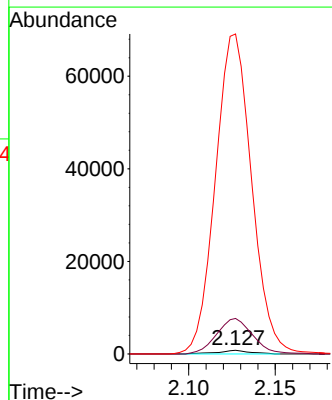
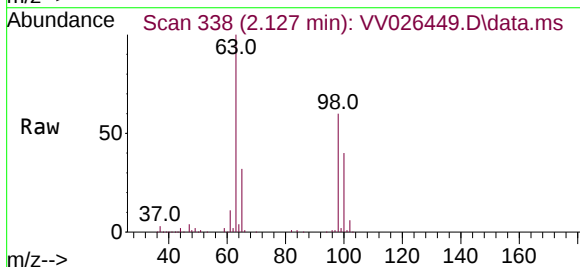
Instrument :
MSVOA_V
ClientSampleId :
C0AK4

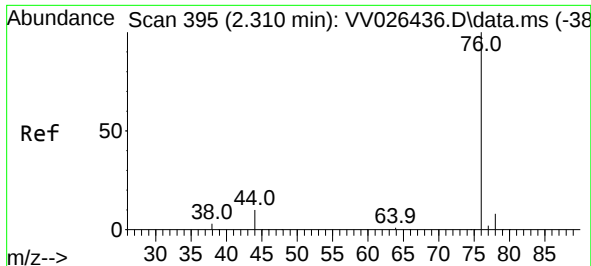
Tgt Ion: 64 Resp: 29348
Ion Ratio Lower Upper
64 100
66 5.5 24.1 44.7#



#12
1,1-Dichloroethene
Concen: 0.085 ug/L
RT: 2.127 min Scan# 338
Delta R.T. -0.010 min
Lab File: VV026449.D
Acq: 20 Jun 2022 16:34

Tgt Ion: 96 Resp: 1012
Ion Ratio Lower Upper
96 100
61 980.9 117.1 217.5#
63 8840.9 92.8 172.4#

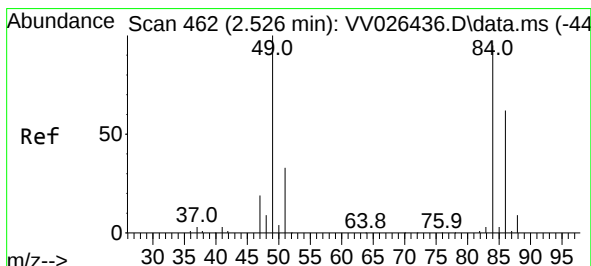
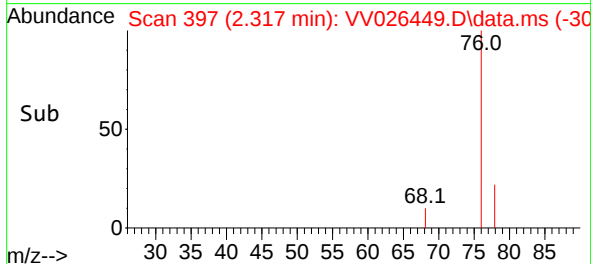
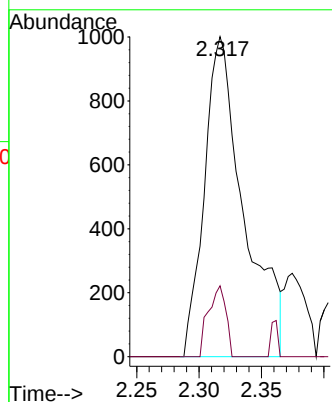
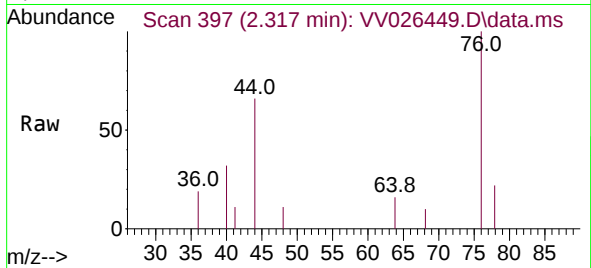




#14
Carbon disulfide
Concen: 0.075 ug/L
RT: 2.317 min Scan# 397
Delta R.T. 0.006 min
Lab File: VV026449.D
Acq: 20 Jun 2022 16:34

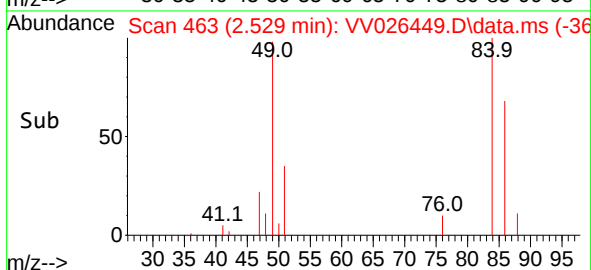
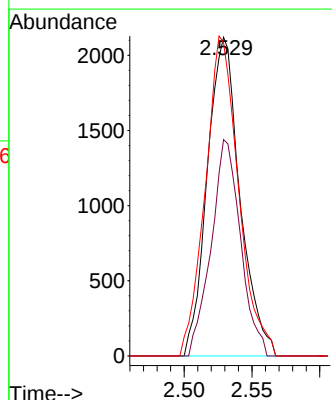
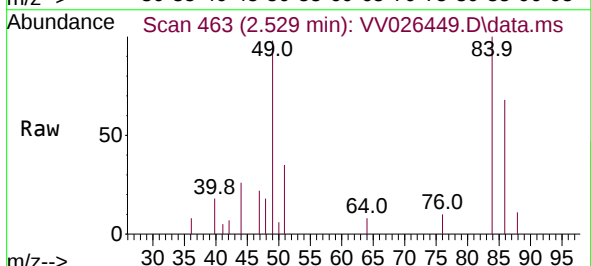
Instrument :
MSVOA_V
ClientSampleId :
C0AK4

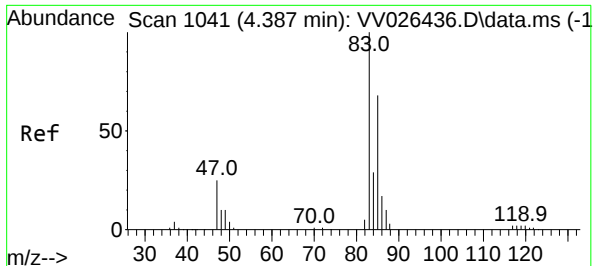
Tgt Ion: 76 Resp: 2206
Ion Ratio Lower Upper
76 100
78 22.2 7.7 11.5#



#16
Methylene chloride
Concen: 0.234 ug/L
RT: 2.529 min Scan# 463
Delta R.T. 0.003 min
Lab File: VV026449.D
Acq: 20 Jun 2022 16:34

Tgt Ion: 84 Resp: 3553
Ion Ratio Lower Upper
84 100
86 67.9 44.0 81.8
49 98.3 77.3 143.7





#25

Chloroform

Concen: 0.094 ug/L

RT: 4.394 min Scan# 10

Delta R.T. 0.006 min

Lab File: VV026449.D

Acq: 20 Jun 2022 16:34

Instrument :

MSVOA_V

ClientSampleId :

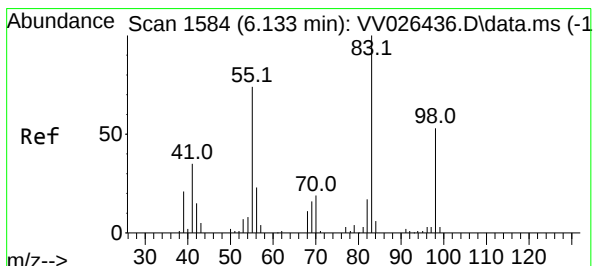
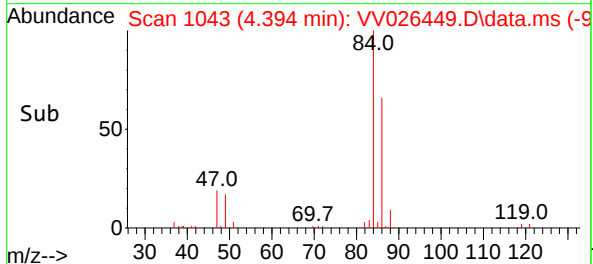
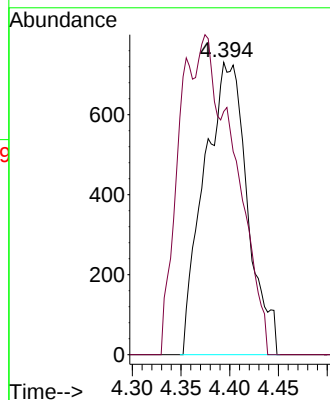
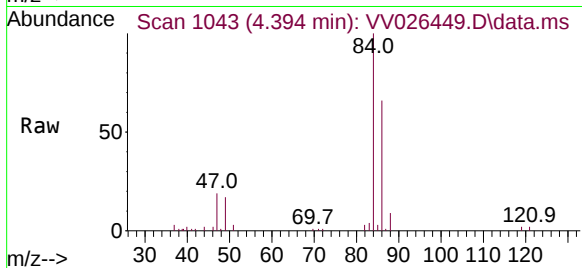
C0AK4

Tgt Ion: 83 Resp: 2259

Ion Ratio Lower Upper

83 100

85 83.2 46.5 86.3



#35

Methylcyclohexane

Concen: 1.112 ug/L

RT: 6.079 min Scan# 1567

Delta R.T. -0.055 min

Lab File: VV026449.D

Acq: 20 Jun 2022 16:34

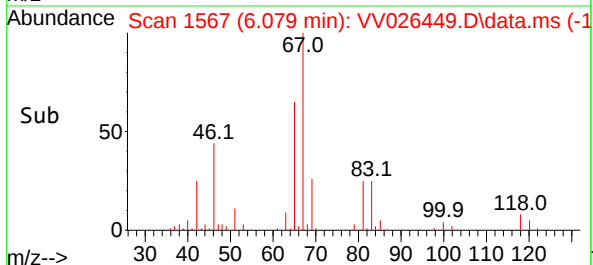
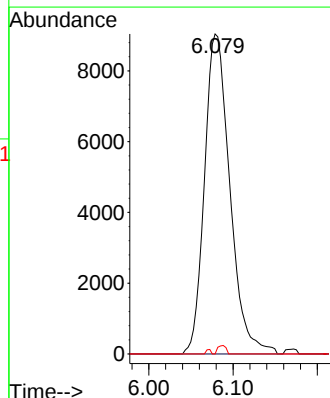
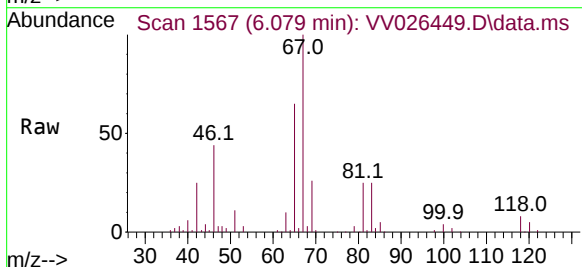
Tgt Ion: 83 Resp: 18972

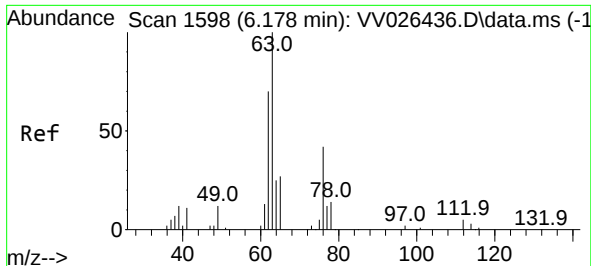
Ion Ratio Lower Upper

83 100

55 0.0 59.3 88.9#

98 0.2 39.9 59.9#





#37

1,2-Dichloropropane

Concen: 0.654 ug/L

RT: 6.082 min Scan# 11

Delta R.T. -0.096 min

Lab File: VV026449.D

Acq: 20 Jun 2022 16:34

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MSVOA_V

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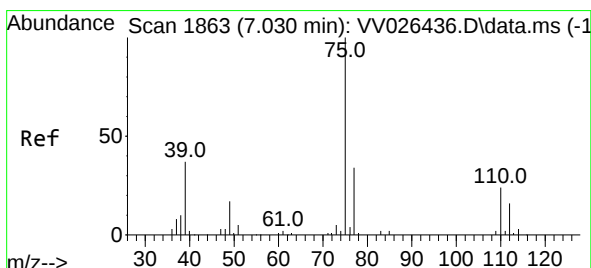
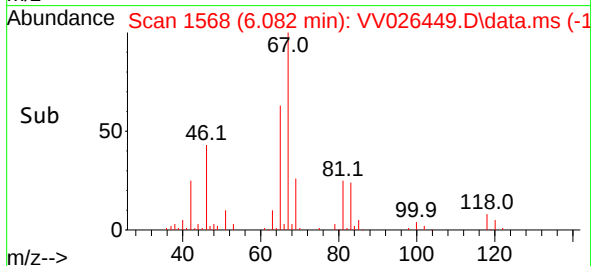
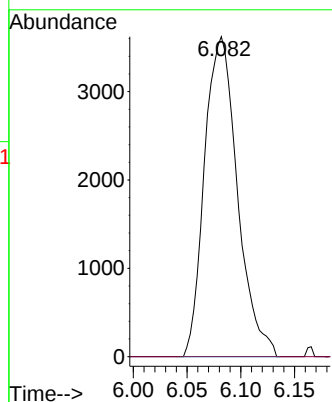
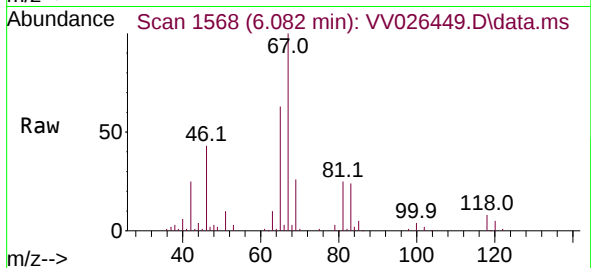
C0AK4

Tgt Ion: 63 Resp: 7719

Ion Ratio Lower Upper

63 100

112 0.3 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.039 min

Lab File: VV026449.D

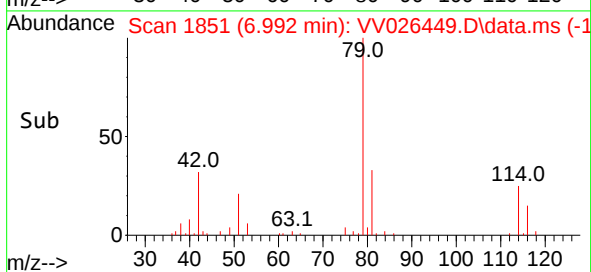
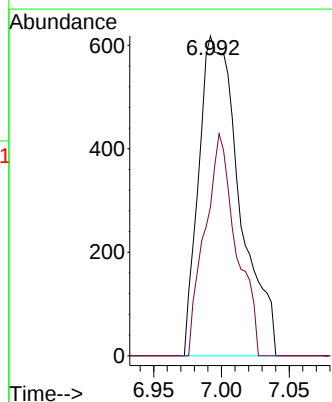
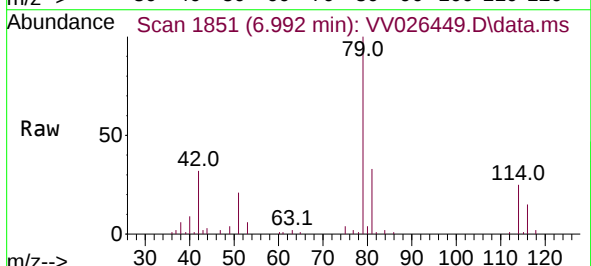
Acq: 20 Jun 2022 16:34

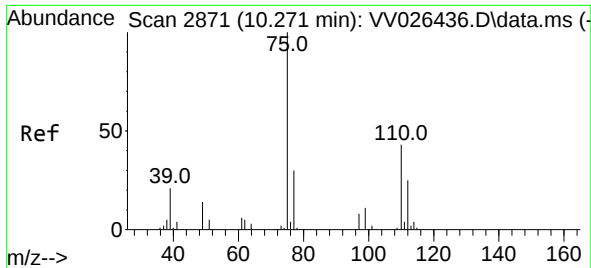
Tgt Ion: 75 Resp: 1295

Ion Ratio Lower Upper

75 100

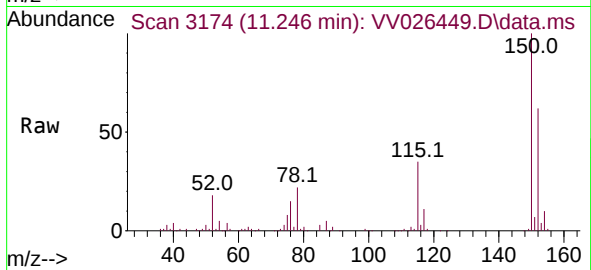
77 46.4 23.0 42.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.812 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV026449.D
 Acq: 20 Jun 2022 16:34

Instrument :
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Tgt Ion: 75 Resp: 8517
 Ion Ratio Lower Upper
 75 100
 77 30.4 26.9 40.3
 110 2.1 30.7 46.1#

