

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061722\
 Data File : VW026374.D
 Acq On : 17 Jun 2022 12:15
 Operator : SY/MD
 Sample : N3318-19DL 10X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 18 00:02:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 00:00:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	192033	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	184575	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71972	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	58739	3.522	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.400%
7) Chloroethane-d5	1.584	69	53205	4.057	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.200%
11) 1,1-Dichloroethene-d2	2.124	63	106832	3.730	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.600%
20) 2-Butanone-d5	3.918	46	82703	50.815	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.640%
24) Chloroform-d	4.362	84	119825	4.901	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	5.047	65	48375	4.677	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.060	84	220921	4.477	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.079	67	70391	4.888	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.320	98	174296	3.874	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.400%
43) trans-1,3-Dichloroprop...	7.632	79	13532	2.898	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	58.000%
46) 2-Hexanone-d5	8.092	63	63217	44.812	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.620%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	43479	4.901	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	55879	5.040	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						Qvalue
3) Chloromethane	1.259	50	600	0.038	ug/L	98
5) Vinyl chloride	1.327	62	785	0.047	ug/L #	1
6) Bromomethane	1.542	94	397	0.043	ug/L #	58
8) Chloroethane	1.523	64	266506	25.898	ug/L #	49
12) 1,1-Dichloroethene	2.134	96	40666	3.352	ug/L	86
14) Carbon disulfide	2.310	76	2160	0.072	ug/L #	90
16) Methylene chloride	2.523	84	6141	0.397	ug/L	96
17) Methyl tert-butyl Ether	2.786	73	1514	0.073	ug/L #	85
19) 1,1-Dichloroethane	3.204	63	115152	5.132	ug/L	97
22) cis-1,2-Dichloroethene	3.925	96	9923	0.834	ug/L	99
27) 1,2-Dichloroethane	5.159	62	581	0.052	ug/L #	71
34) Trichloroethene	5.921	95	91651	7.094	ug/L	99
35) Methylcyclohexane	6.076	83	16544	0.926	ug/L #	19
37) 1,2-Dichloropropane	6.079	63	7448	0.602	ug/L #	88
39) cis-1,3-Dichloropropene	6.992	75	945	0.067	ug/L	84
61) 1,2,3-Trichloropropane	11.246	75	8490	1.818	ug/L #	66

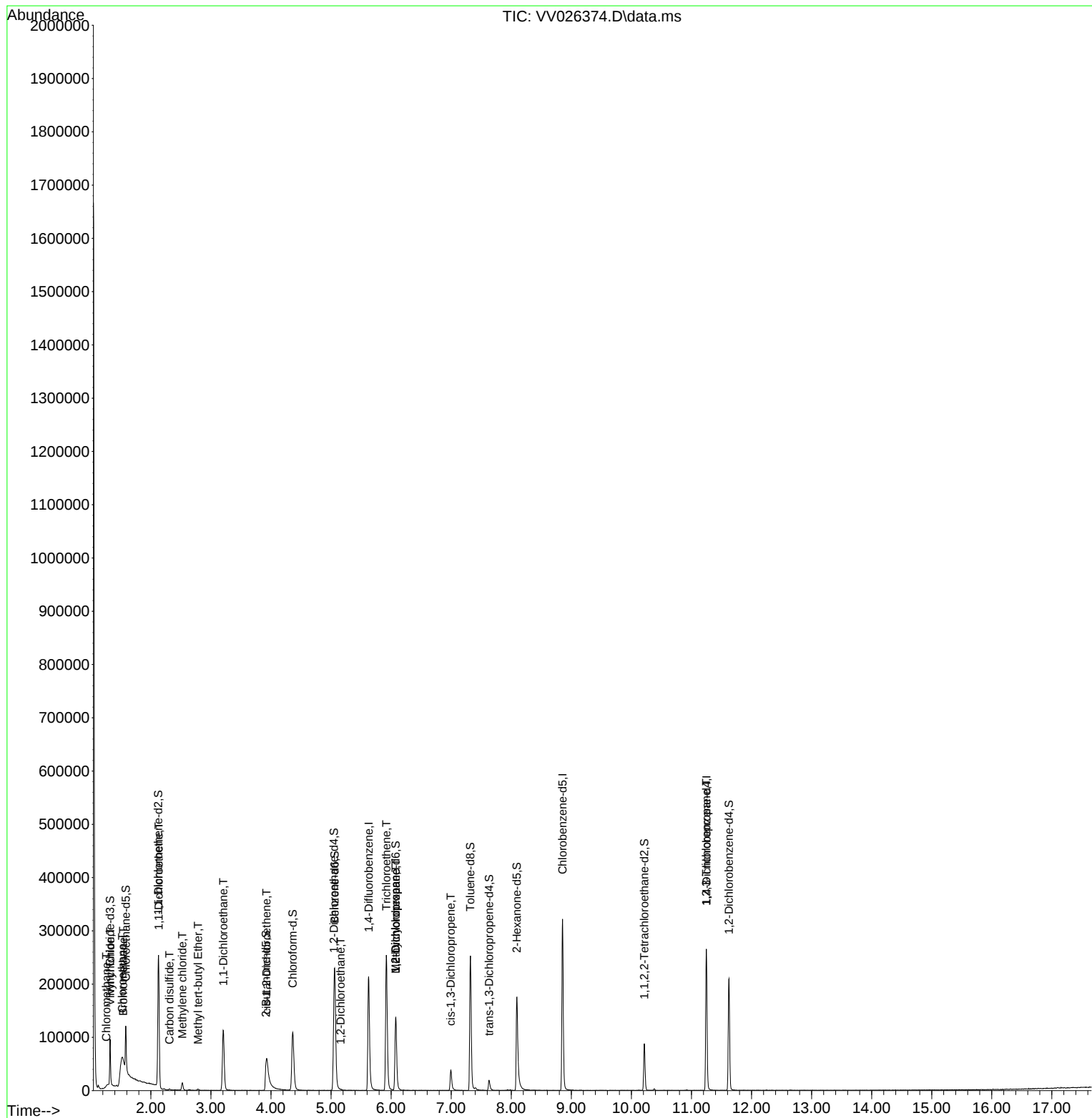
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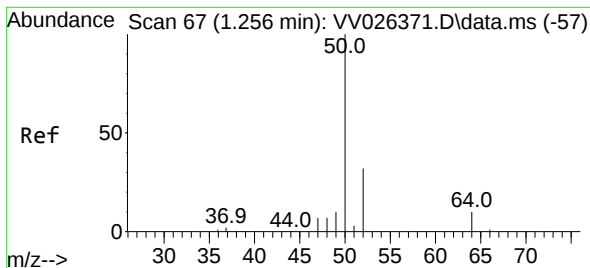
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061722\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 18 00:00:00 2022
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.038 ug/L

RT: 1.259 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV026374.D

Acq: 17 Jun 2022 12:15

Instrument :

MSVOA_V

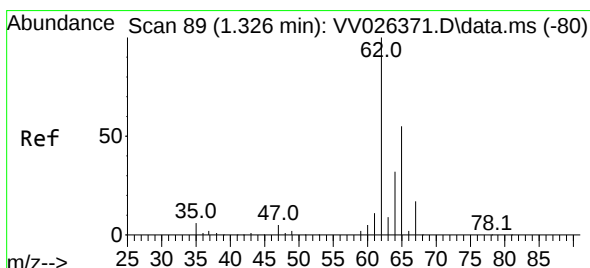
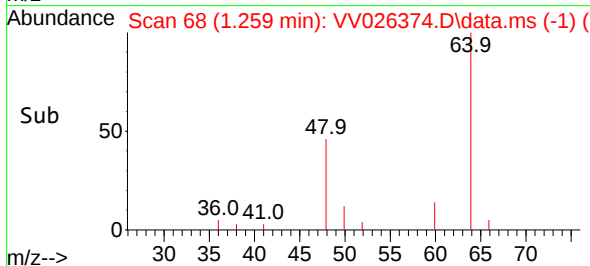
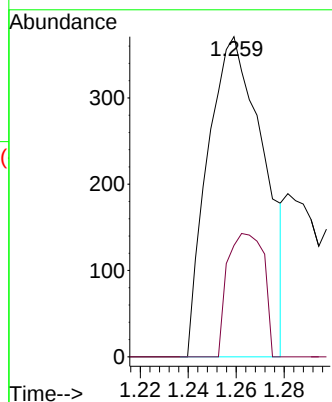
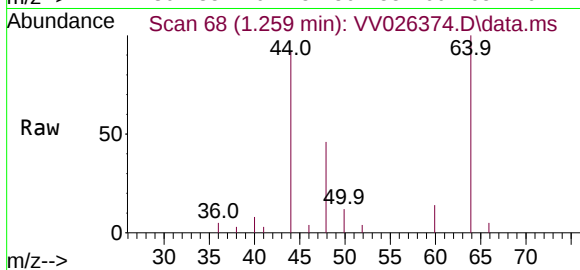
ClientSampleId :

Tgt Ion: 50 Resp: 600

Ion Ratio Lower Upper

50 100

52 34.8 23.7 44.1



#5

Vinyl chloride

Concen: 0.047 ug/L

RT: 1.327 min Scan# 89

Delta R.T. 0.000 min

Lab File: VV026374.D

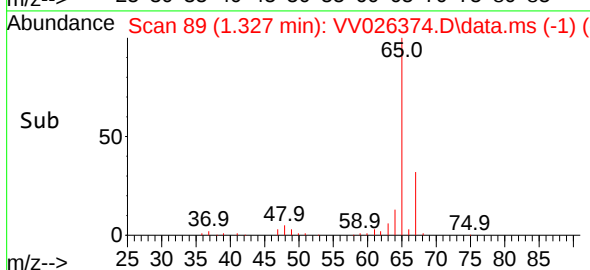
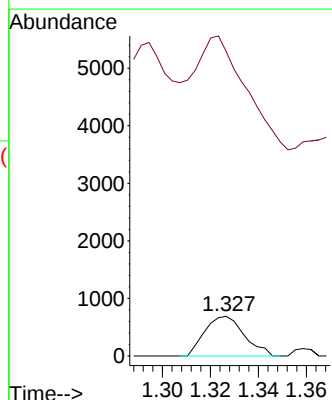
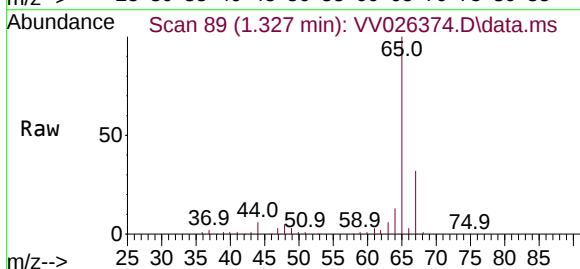
Acq: 17 Jun 2022 12:15

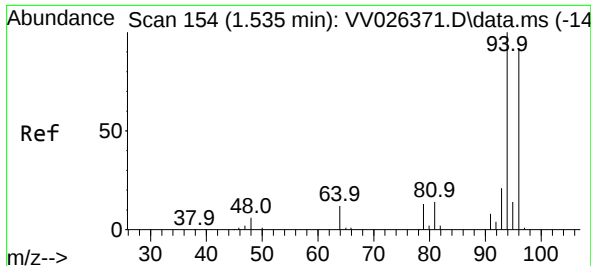
Tgt Ion: 62 Resp: 785

Ion Ratio Lower Upper

62 100

64 767.4 23.2 43.2#

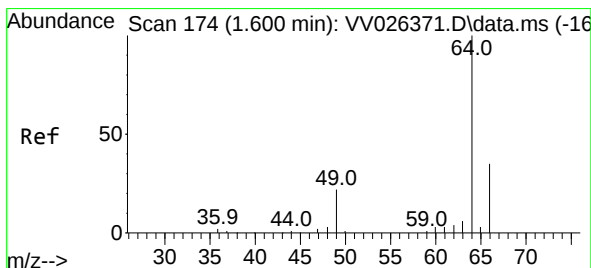
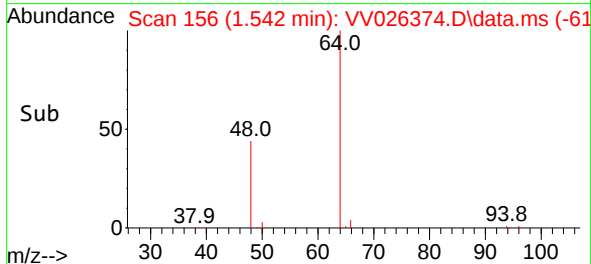
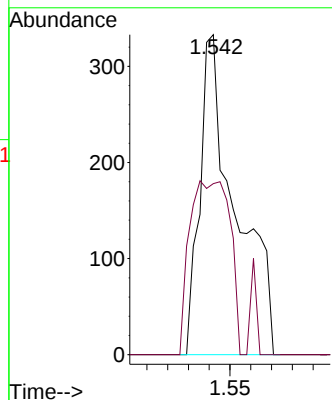
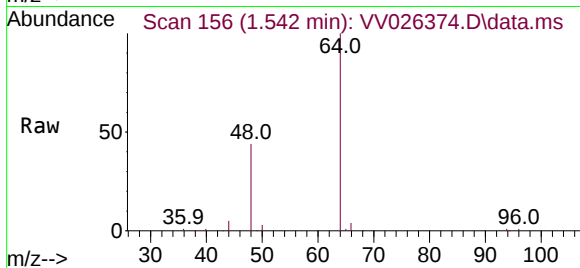




#6
Bromomethane
Concen: 0.043 ug/L
RT: 1.542 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV026374.D
Acq: 17 Jun 2022 12:15

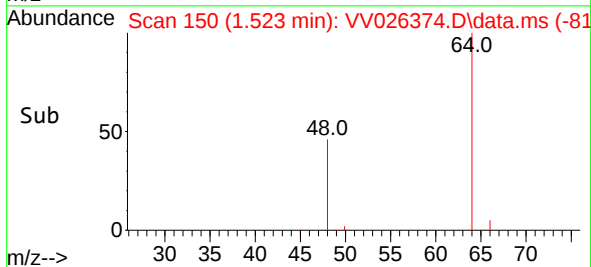
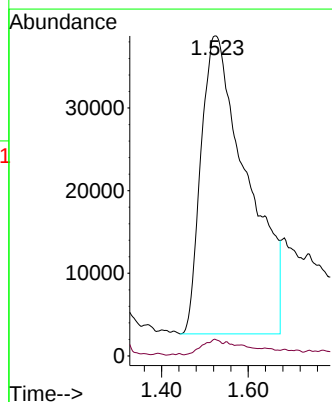
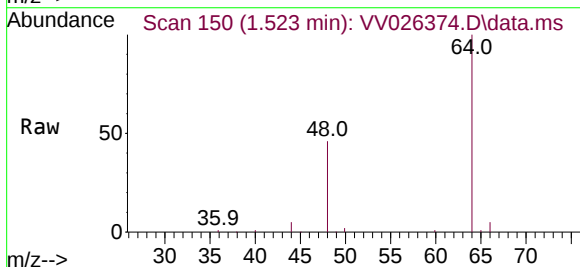
Instrument :
MSVOA_V
ClientSampleId :

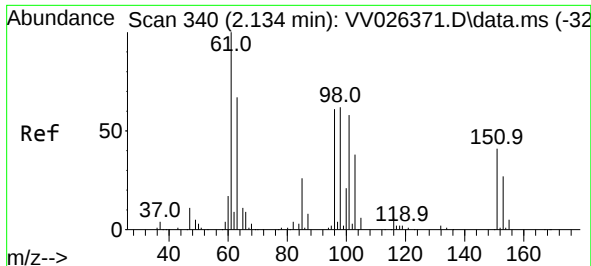
Tgt Ion: 94 Resp: 397
Ion Ratio Lower Upper
94 100
96 53.5 65.7 121.9#



#8
Chloroethane
Concen: 25.898 ug/L
RT: 1.523 min Scan# 150
Delta R.T. -0.077 min
Lab File: VV026374.D
Acq: 17 Jun 2022 12:15

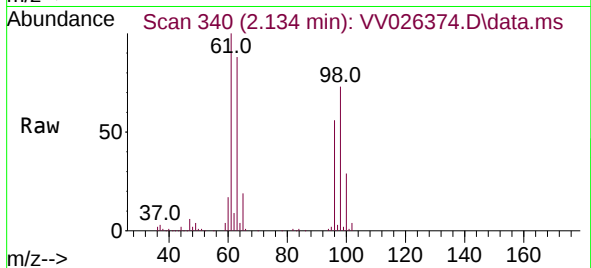
Tgt Ion: 64 Resp: 266506
Ion Ratio Lower Upper
64 100
66 5.2 24.1 44.7#



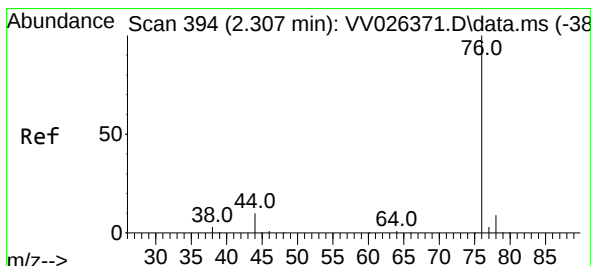
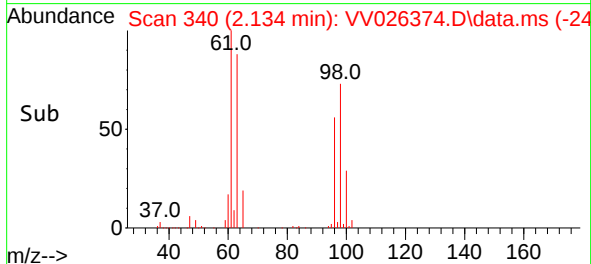
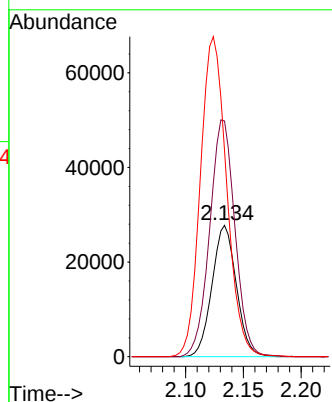


#12
1,1-Dichloroethene
Concen: 3.352 ug/L
RT: 2.134 min Scan# 34
Delta R.T. 0.000 min
Lab File: VV026374.D
Acq: 17 Jun 2022 12:15

Instrument :
MSVOA_V
ClientSampleId :

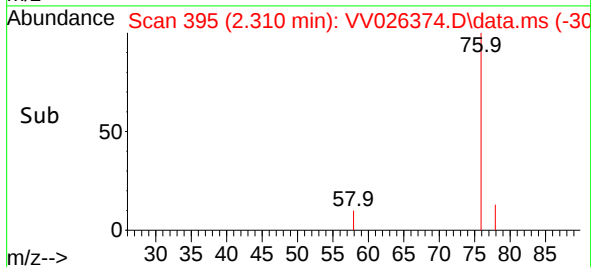
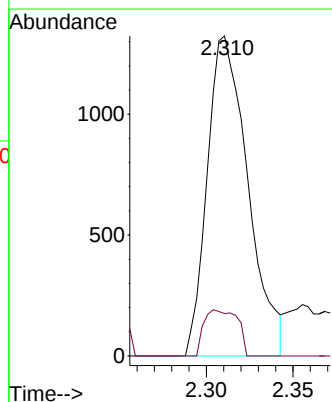
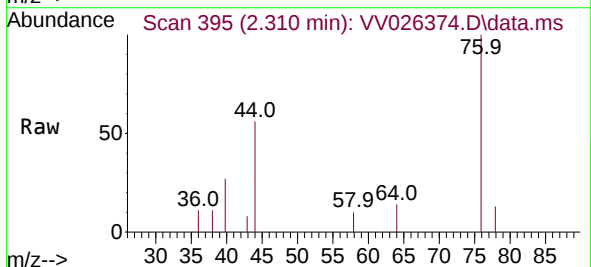


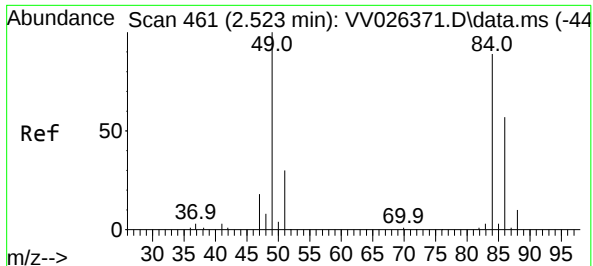
Tgt Ion: 96 Resp: 40666
Ion Ratio Lower Upper
96 100
61 179.4 117.1 217.5
63 157.0 92.8 172.4



#14
Carbon disulfide
Concen: 0.072 ug/L
RT: 2.310 min Scan# 395
Delta R.T. 0.003 min
Lab File: VV026374.D
Acq: 17 Jun 2022 12:15

Tgt Ion: 76 Resp: 2160
Ion Ratio Lower Upper
76 100
78 13.2 7.7 11.5#

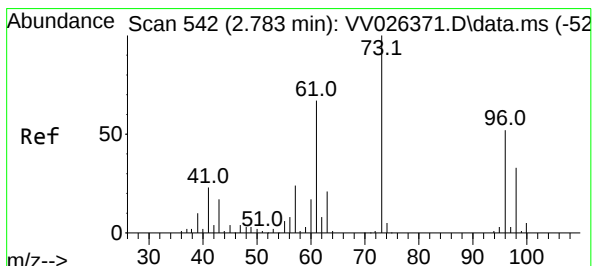
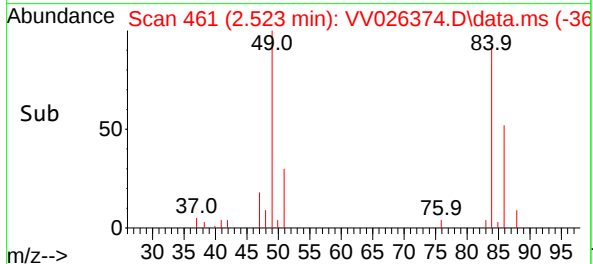
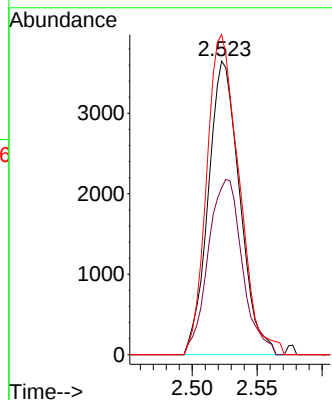
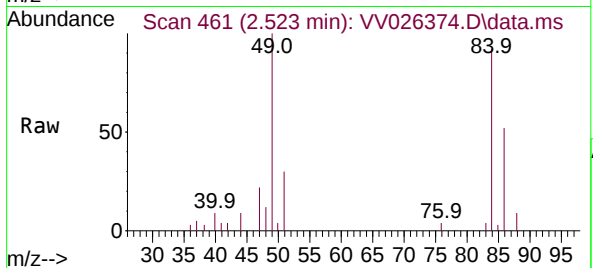




#16
Methylene chloride
Concen: 0.397 ug/L
RT: 2.523 min Scan# 461
Delta R.T. 0.000 min
Lab File: VV026374.D
Acq: 17 Jun 2022 12:15

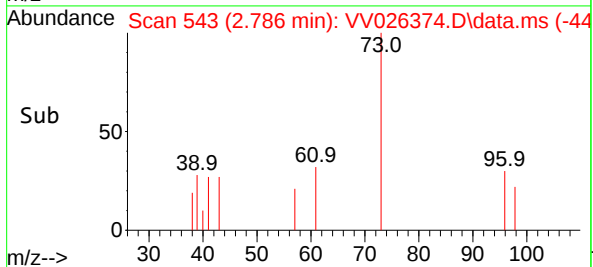
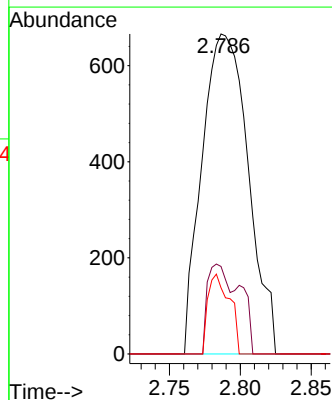
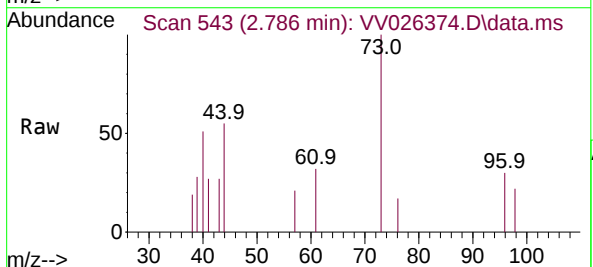
Instrument :
MSVOA_V
ClientSampleId :

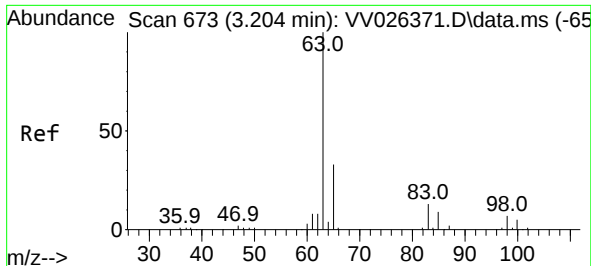
Tgt Ion: 84 Resp: 6141
Ion Ratio Lower Upper
84 100
86 56.9 44.0 81.8
49 109.0 77.3 143.7



#17
Methyl tert-butyl Ether
Concen: 0.073 ug/L
RT: 2.786 min Scan# 543
Delta R.T. 0.003 min
Lab File: VV026374.D
Acq: 17 Jun 2022 12:15

Tgt Ion: 73 Resp: 1514
Ion Ratio Lower Upper
73 100
43 14.2 13.0 19.6
57 11.6 17.6 26.4





#19

1,1-Dichloroethane

Concen: 5.132 ug/L

RT: 3.204 min Scan# 61

Delta R.T. 0.000 min

Lab File: VV026374.D

Acq: 17 Jun 2022 12:15

Instrument :

MSVOA_V

ClientSampleId :

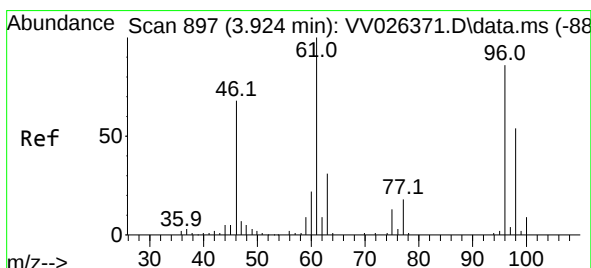
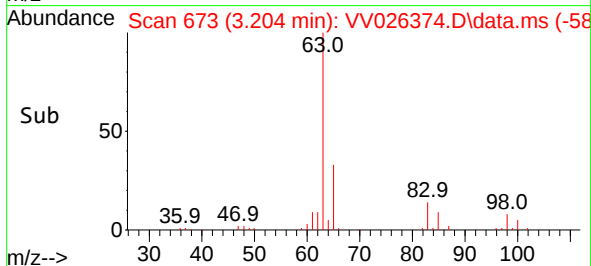
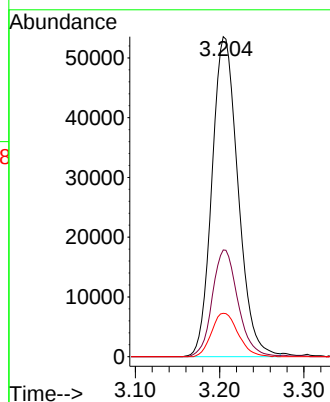
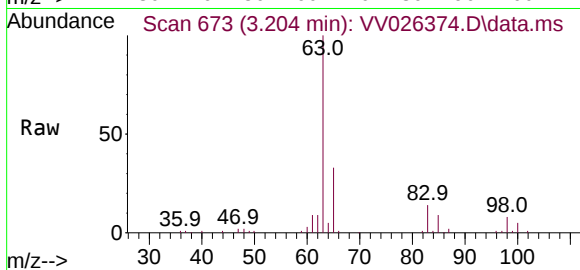
Tgt Ion: 63 Resp: 115152

Ion Ratio Lower Upper

63 100

65 33.4 22.3 41.3

83 13.6 8.9 16.5



#22

cis-1,2-Dichloroethene

Concen: 0.834 ug/L

RT: 3.925 min Scan# 897

Delta R.T. 0.000 min

Lab File: VV026374.D

Acq: 17 Jun 2022 12:15

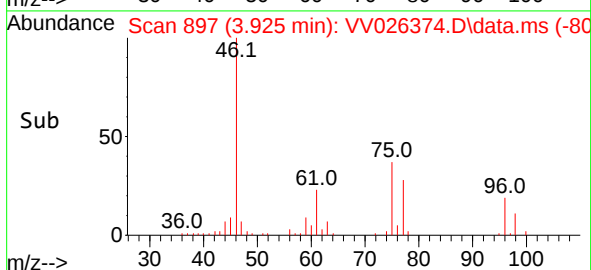
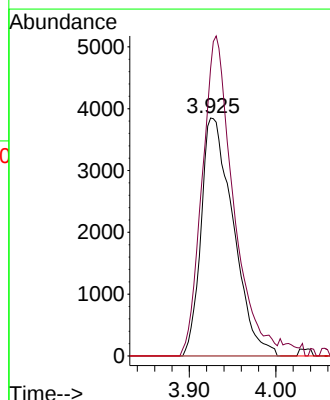
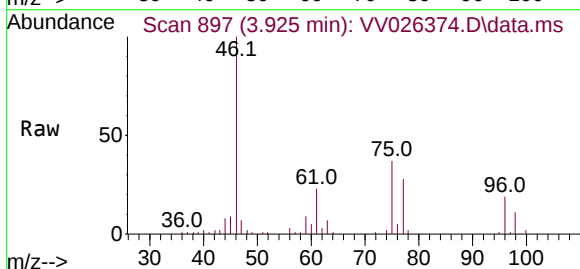
Tgt Ion: 96 Resp: 9923

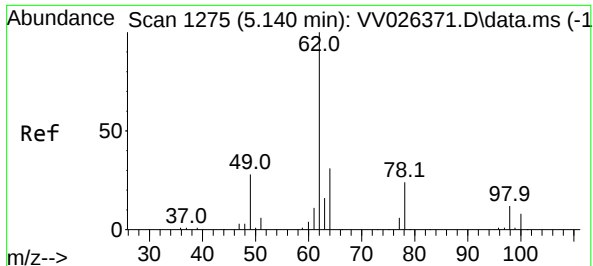
Ion Ratio Lower Upper

96 100

61 120.9 83.6 155.2

68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.052 ug/L

RT: 5.159 min Scan# 11

Delta R.T. 0.019 min

Lab File: VV026374.D

Acq: 17 Jun 2022 12:15

Instrument :

MSVOA_V

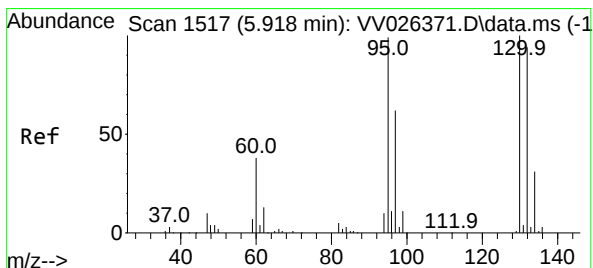
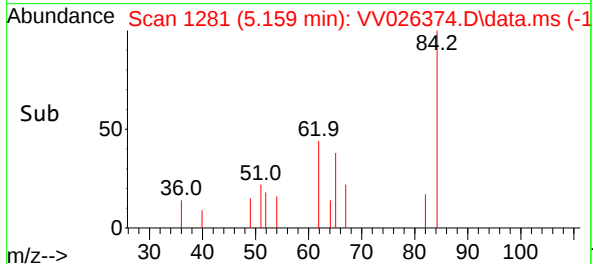
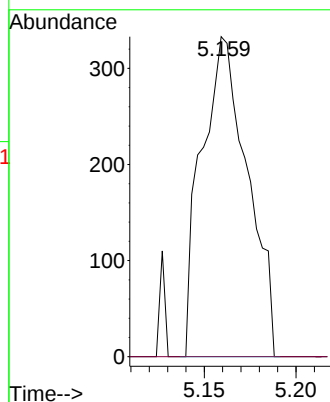
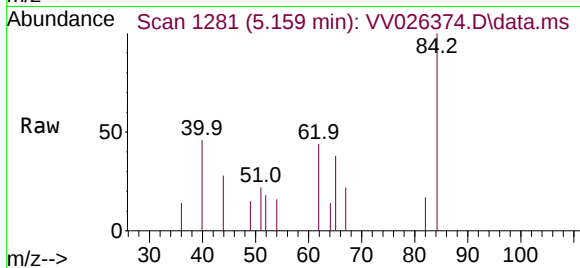
ClientSampleId :

Tgt Ion: 62 Resp: 581

Ion Ratio Lower Upper

62 100

98 0.0 8.6 13.0#



#34

Trichloroethene

Concen: 7.094 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.003 min

Lab File: VV026374.D

Acq: 17 Jun 2022 12:15

Tgt Ion: 95 Resp: 91651

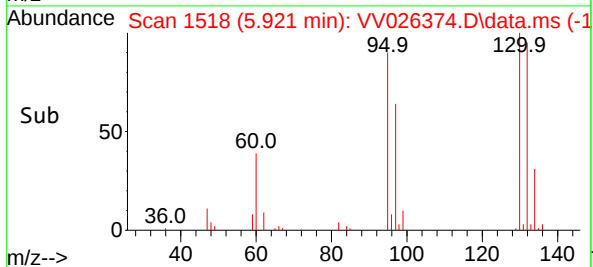
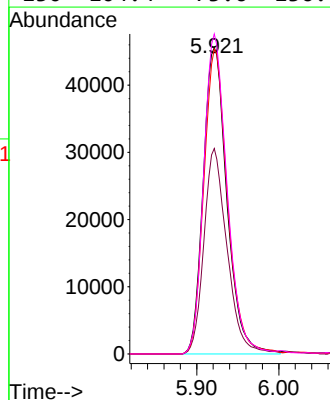
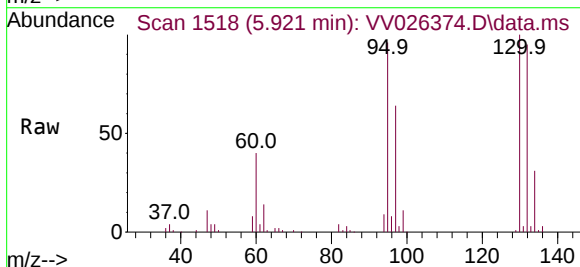
Ion Ratio Lower Upper

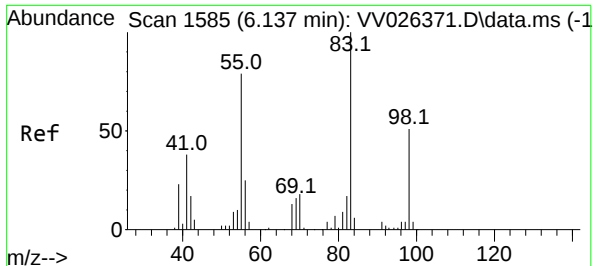
95 100

97 67.0 46.5 86.3

132 99.5 68.8 127.8

130 104.4 73.6 136.6





#35

Methylcyclohexane

Concen: 0.926 ug/L

RT: 6.076 min Scan# 1566

Delta R.T. -0.061 min

Lab File: VV026374.D

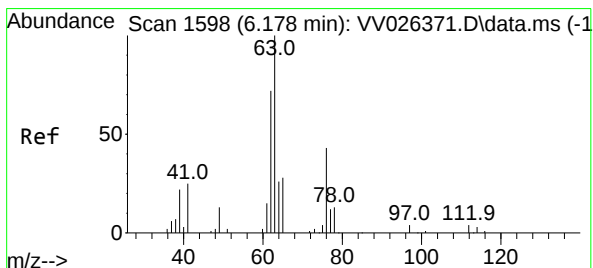
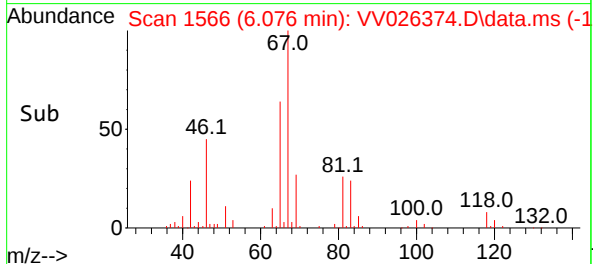
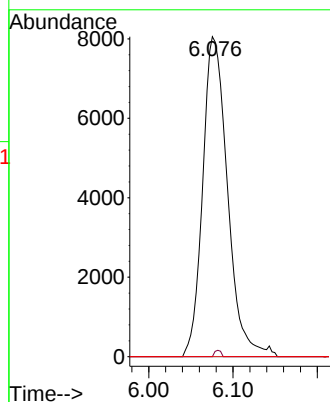
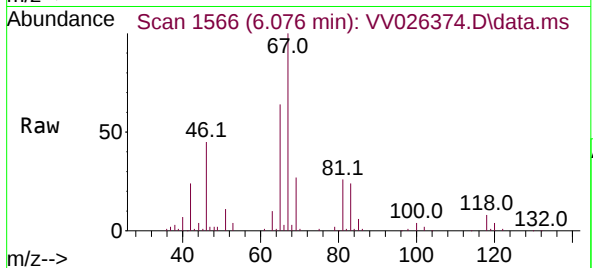
Acq: 17 Jun 2022 12:15

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 16544
Ion Ratio	Lower Upper
83 100	
55 0.5	59.3 88.9#
98 0.0	39.9 59.9#



#37

1,2-Dichloropropane

Concen: 0.602 ug/L

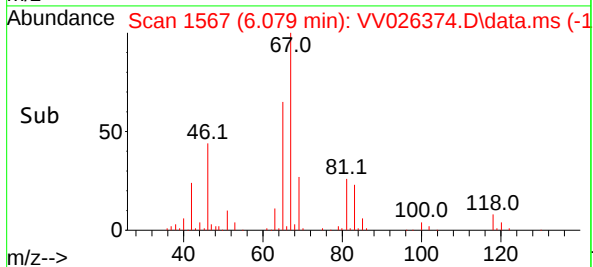
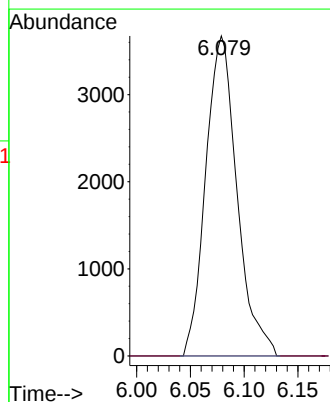
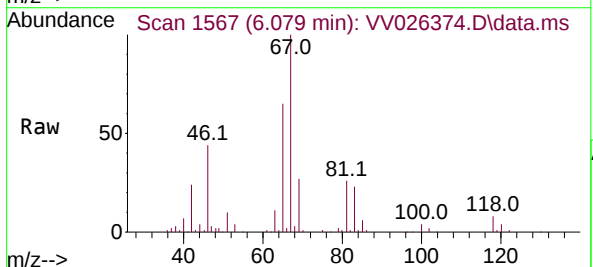
RT: 6.079 min Scan# 1567

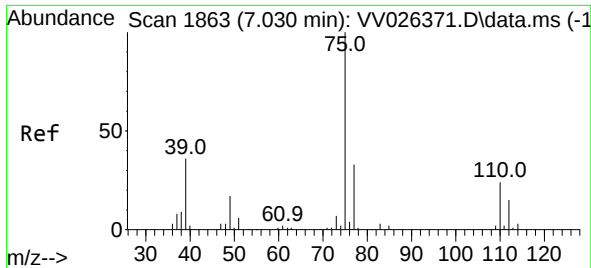
Delta R.T. -0.100 min

Lab File: VV026374.D

Acq: 17 Jun 2022 12:15

Tgt Ion: 63	Resp: 7448
Ion Ratio	Lower Upper
63 100	
112 0.0	3.3 4.9#

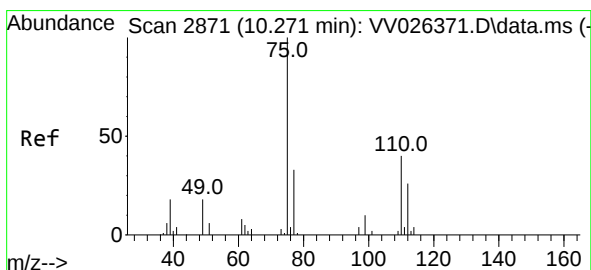
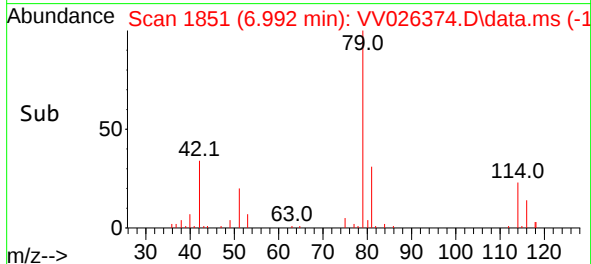
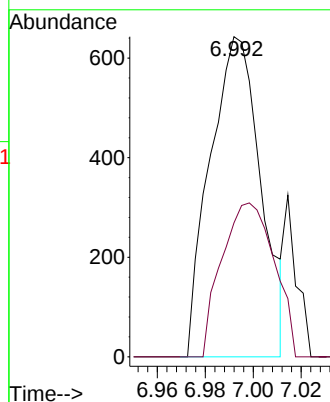
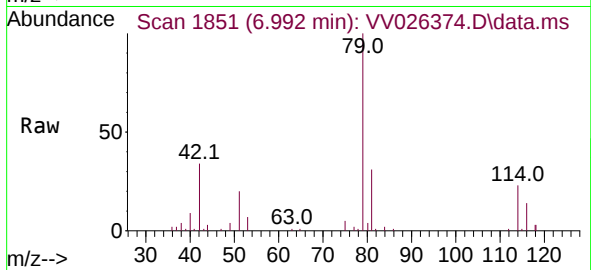




#39
 cis-1,3-Dichloropropene
 Concen: 0.067 ug/L
 RT: 6.992 min Scan# 11
 Delta R.T. -0.038 min
 Lab File: VV026374.D
 Acq: 17 Jun 2022 12:15

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75 Resp: 945
 Ion Ratio Lower Upper
 75 100
 77 41.8 23.0 42.6



#61
 1,2,3-Trichloropropane
 Concen: 1.818 ug/L
 RT: 11.246 min Scan# 3174
 Delta R.T. 0.974 min
 Lab File: VV026374.D
 Acq: 17 Jun 2022 12:15

Tgt Ion: 75 Resp: 8490
 Ion Ratio Lower Upper
 75 100
 77 32.6 26.9 40.3
 110 1.2 30.7 46.1#

