

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111422\
 Data File : VW028940.D
 Acq On : 14 Nov 2022 15:58
 Operator : SY/MD
 Sample : N5602-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AG5

Quant Time: Nov 15 00:05:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 15 00:01:45 2022
 Response via : Initial Calibration

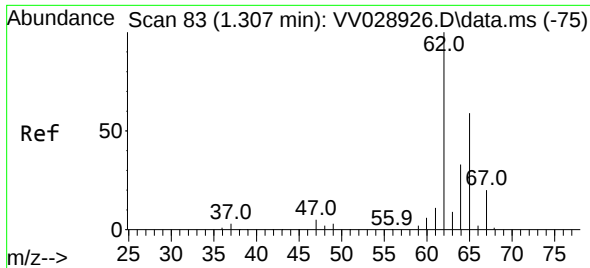
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	265663	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	246996	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	121431	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	64848	4.004	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.000%
7) Chloroethane-d5	1.568	69	63986	4.494	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.108	63	91469	3.099	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.000%
20) 2-Butanone-d5	3.886	46	155032	57.183	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.360%
24) Chloroform-d	4.342	84	160777	4.835	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.030	65	74277	4.965	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.046	84	330029	4.476	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.066	67	95308	4.630	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.310	98	288473	4.347	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	7.622	79	29506	4.394	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.085	63	136377	47.584	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.160%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	70878	4.966	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	11.615	152	106484	4.901	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
5) Vinyl chloride	1.310	62	9648	0.460	ug/L #	66
8) Chloroethane	1.310	64	4628	0.376	ug/L	95
12) 1,1-Dichloroethene	2.114	96	2052	0.128	ug/L #	1
18) trans-1,2-Dichloroethene	2.764	96	1284	0.069	ug/L	87
19) 1,1-Dichloroethane	3.191	63	3681	0.121	ug/L	94
22) cis-1,2-Dichloroethene	3.908	96	119806	6.318	ug/L	97
35) Methylcyclohexane	6.066	83	23577	0.694	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	10402	0.598	ug/L #	85
61) 1,2,3-Trichloropropane	11.242	75	12606	1.519	ug/L #	66

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

Quant Time: Nov 15 00:05:31 2022
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QLast Update : Tue Nov 15 00:01:45 2022
Response via : Initial Calibration

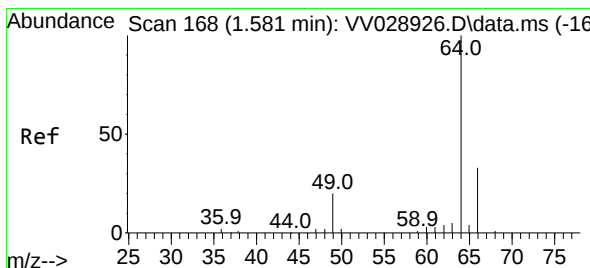
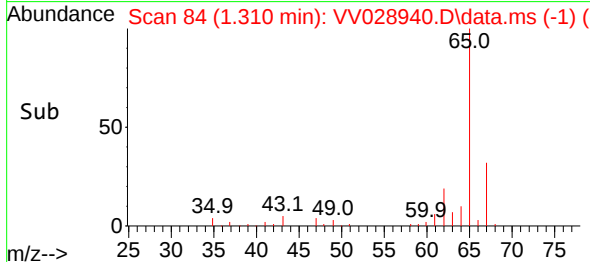
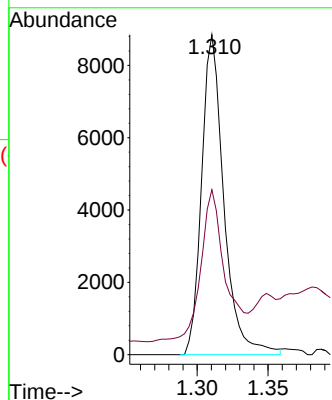
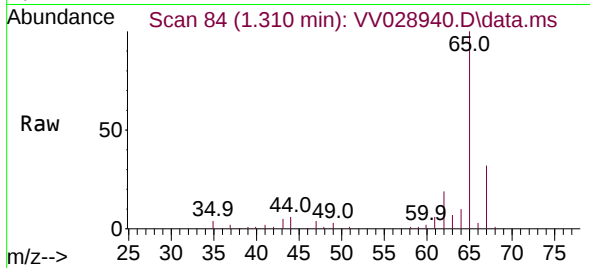




#5
 Vinyl chloride
 Concen: 0.460 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV028940.D
 Acq: 14 Nov 2022 15:58

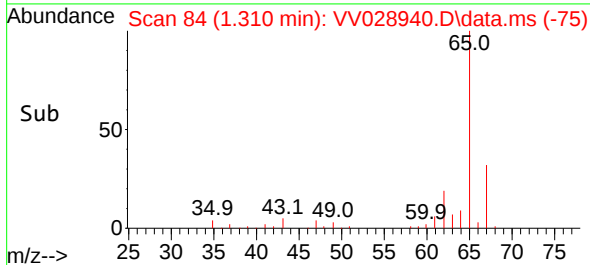
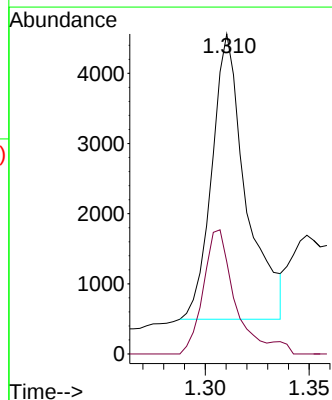
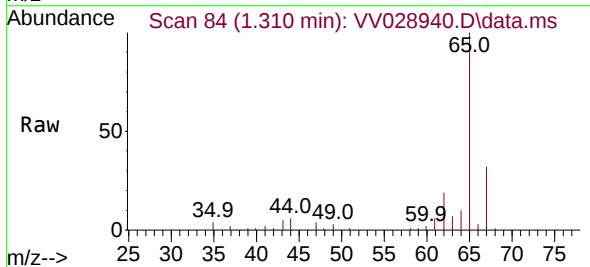
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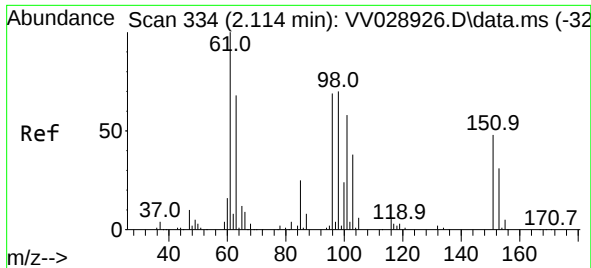
Tgt Ion: 62 Resp: 9648
 Ion Ratio Lower Upper
 62 100
 64 51.5 22.8 42.4#



#8
 Chloroethane
 Concen: 0.376 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.270 min
 Lab File: VV028940.D
 Acq: 14 Nov 2022 15:58

Tgt Ion: 64 Resp: 4628
 Ion Ratio Lower Upper
 64 100
 66 28.8 22.0 40.8





#12

1,1-Dichloroethene

Concen: 0.128 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV028940.D

Acq: 14 Nov 2022 15:58

Instrument :

MSVOA_V

ClientSampleId :

C0AG5

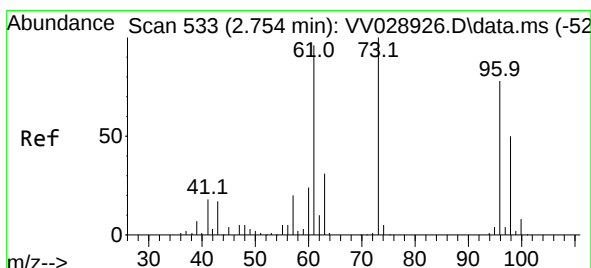
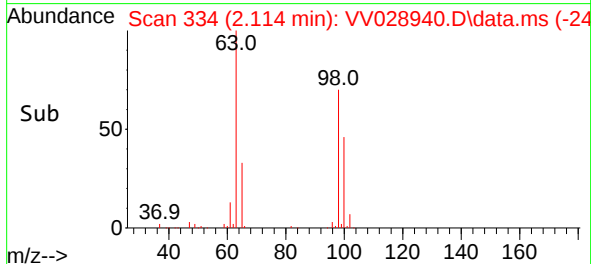
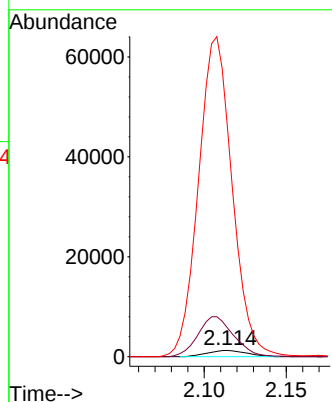
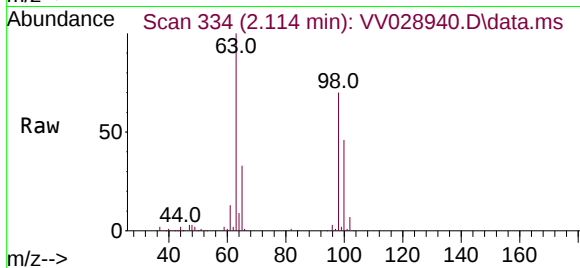
Tgt Ion: 96 Resp: 2052

Ion Ratio Lower Upper

96 100

61 456.9 104.2 193.4#

63 3641.8 75.9 140.9#



#18

trans-1,2-Dichloroethene

Concen: 0.069 ug/L

RT: 2.764 min Scan# 536

Delta R.T. 0.009 min

Lab File: VV028940.D

Acq: 14 Nov 2022 15:58

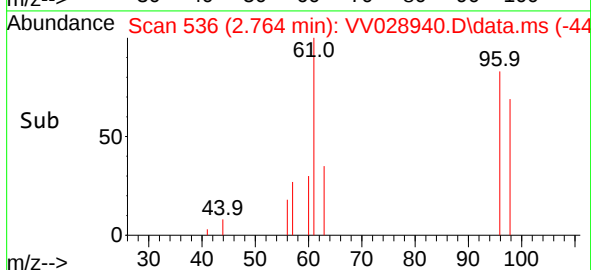
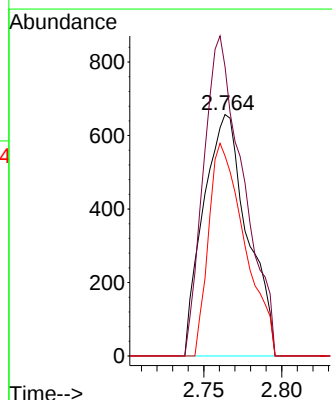
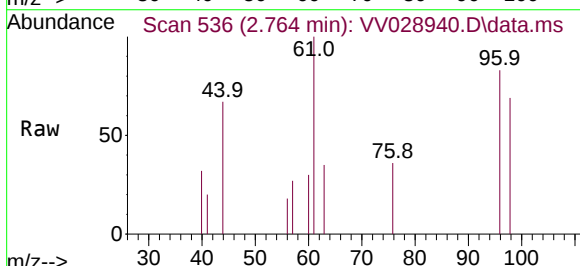
Tgt Ion: 96 Resp: 1284

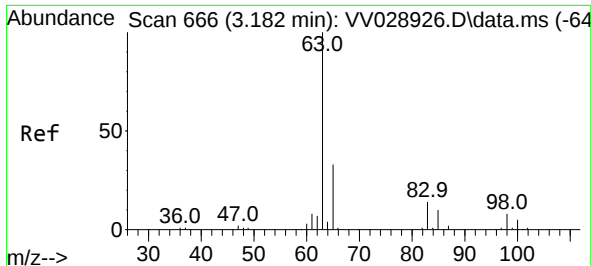
Ion Ratio Lower Upper

96 100

61 119.9 91.8 170.6

98 83.0 46.4 86.2





#19

1,1-Dichloroethane

Concen: 0.121 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.009 min

Lab File: VV028940.D

Acq: 14 Nov 2022 15:58

Instrument :

MSVOA_V

ClientSampleId :

C0AG5

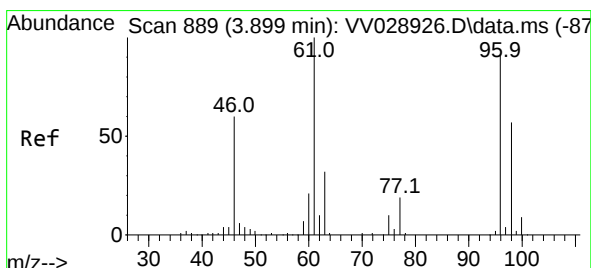
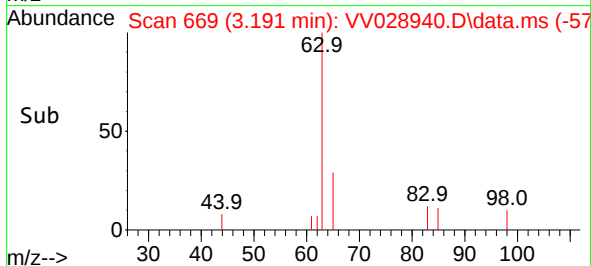
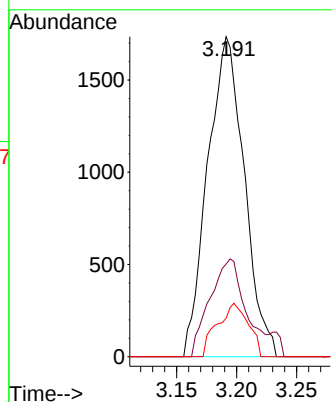
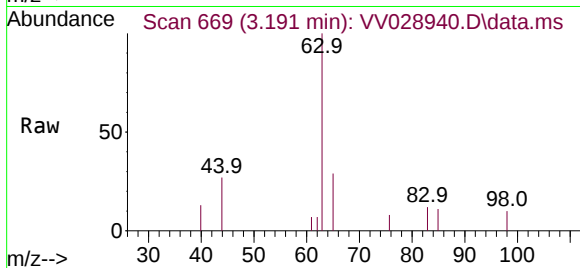
Tgt Ion: 63 Resp: 3681

Ion Ratio Lower Upper

63 100

65 28.9 23.0 42.6

83 12.0 9.4 17.6



#22

cis-1,2-Dichloroethene

Concen: 6.318 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.009 min

Lab File: VV028940.D

Acq: 14 Nov 2022 15:58

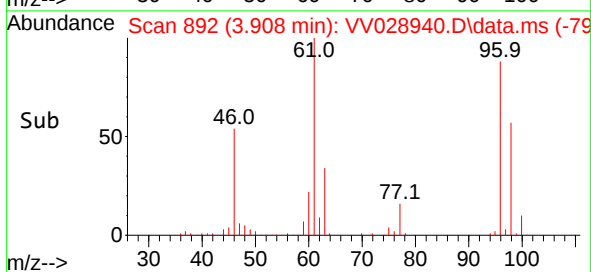
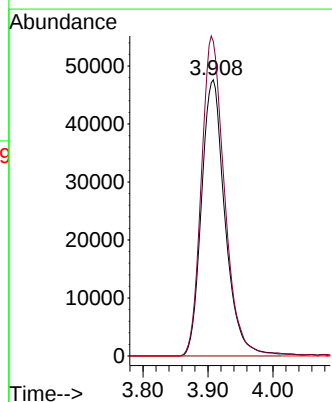
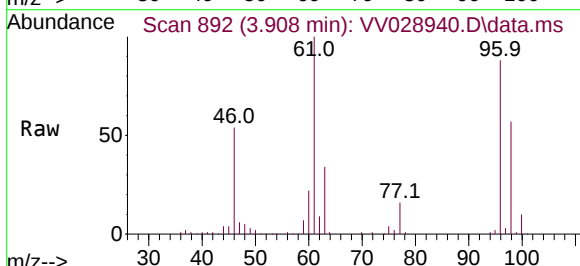
Tgt Ion: 96 Resp: 119806

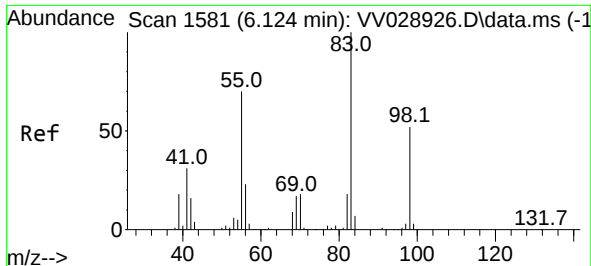
Ion Ratio Lower Upper

96 100

61 113.9 82.3 152.9

68 0.0 0.0 0.0

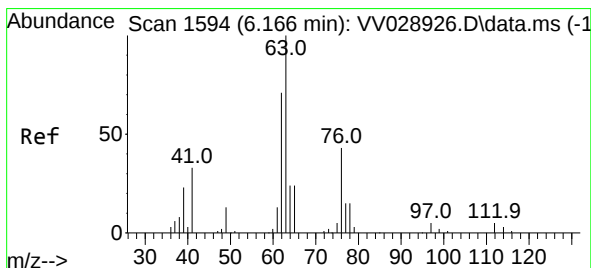
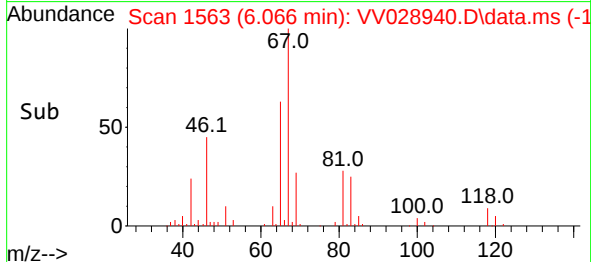
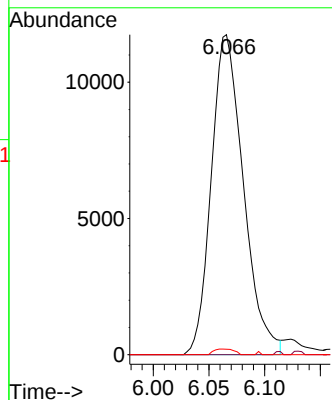
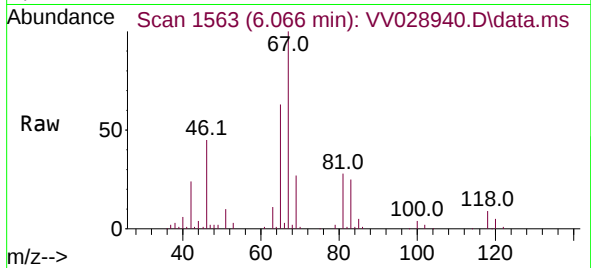




#35
Methylcyclohexane
Concen: 0.694 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV028940.D
Acq: 14 Nov 2022 15:58

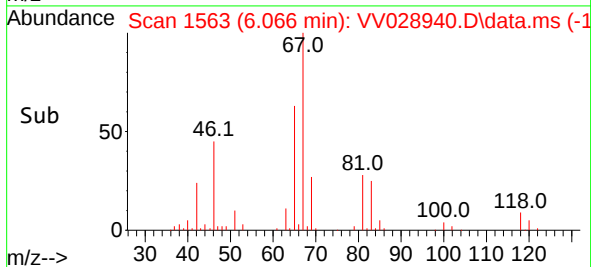
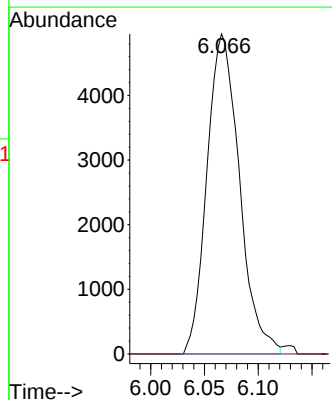
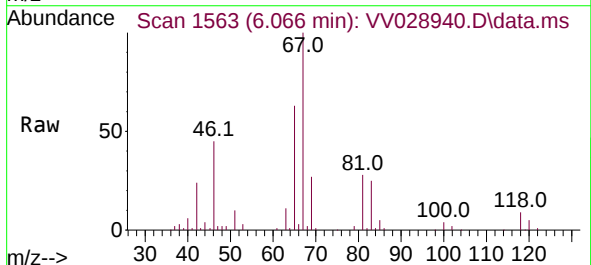
Instrument :
MSVOA_V
ClientSampleId :
C0AG5

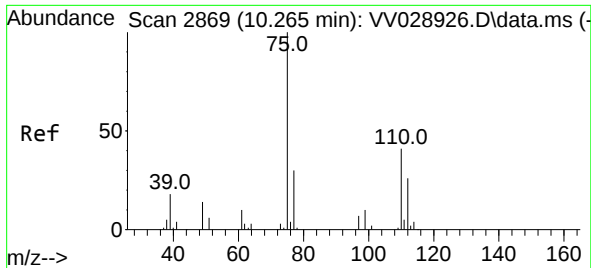
Tgt Ion: 83 Resp: 23577
Ion Ratio Lower Upper
83 100
55 0.0 55.8 83.6#
98 1.1 38.2 57.2#



#37
1,2-Dichloropropane
Concen: 0.598 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.100 min
Lab File: VV028940.D
Acq: 14 Nov 2022 15:58

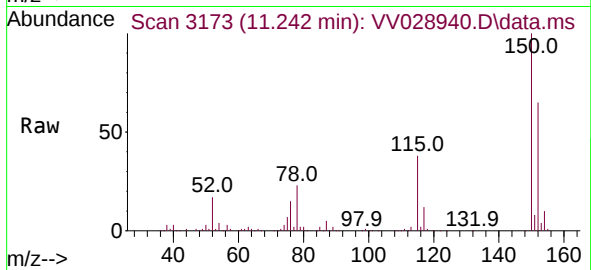
Tgt Ion: 63 Resp: 10402
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.519 ug/L
 RT: 11.242 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV028940.D
 Acq: 14 Nov 2022 15:58

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AG5



Tgt Ion:	75	Resp:	12606
Ion	Ratio	Lower	Upper
75	100		
77	33.4	26.2	39.2
110	2.7	32.6	48.8#

