

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022024\
 Data File : VW034296.D
 Acq On : 21 Feb 2024 02:18
 Operator : SY/MD
 Sample : P1511-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 21 04:51:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 21 04:37:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	42602	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	39676	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	19788	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	12916	3.915	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	78.200%	
7) Chloroethane-d5	1.532	69	9496	3.286	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	65.800%	
11) 1,1-Dichloroethene-d2	2.060	65	5182	3.257	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	65.200%	
20) 2-Butanone-d5	3.799	46	38347	69.202	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	138.400%#	
24) Chloroform-d	4.249	84	22168	3.697	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	74.000%	
26) 1,2-Dichloroethane-d4	4.947	65	14199	5.068	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.400%	
32) Benzene-d6	4.963	84	39993	3.360	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	67.200%#	
36) 1,2-Dichloropropane-d6	5.992	67	12086	3.632	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	72.600%	
41) Toluene-d8	7.246	98	35924	3.284	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	65.600%#	
43) trans-1,3-Dichloroprop...	7.564	79	4418	3.516	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	70.400%	
46) 2-Hexanone-d5	8.027	63	29949	66.772	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	133.540%#	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	12084	5.990	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	119.800%	
66) 1,2-Dichlorobenzene-d4	11.561	152	15036	4.178	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	83.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	2385	0.560	ug/L #	78
5) Vinyl chloride	1.285	62	16257	3.995	ug/L #	1
8) Chloroethane	1.272	64	161527	58.186	ug/L #	52
13) Acetone	2.124	43	1871	4.451	ug/L #	39
14) Carbon disulfide	2.243	76	18626	1.934	ug/L	100
15) Methyl Acetate	2.124	43	1850	1.859	ug/L #	53
17) Methyl tert-butyl Ether	2.703	73	69049	11.292	ug/L	97
18) trans-1,2-Dichloroethene	2.693	96	115694	38.166	ug/L	99
19) 1,1-Dichloroethane	3.117	63	4230	0.759	ug/L #	94
22) cis-1,2-Dichloroethene	3.818	96	18709	5.440	ug/L	98
33) Benzene	5.018	78	1696	0.143	ug/L	100
35) Methylcyclohexane	5.995	83	2996	0.554	ug/L #	17
37) 1,2-Dichloropropane	5.995	63	1506	0.522	ug/L #	87
48) 2-Hexanone	8.101	43	2719	2.794	ug/L #	82
61) 1,2,3-Trichloropropane	11.188	75	2329	1.712	ug/L #	58
67) 1,2-Dichlorobenzene	11.587	146	1193	0.218	ug/L	94

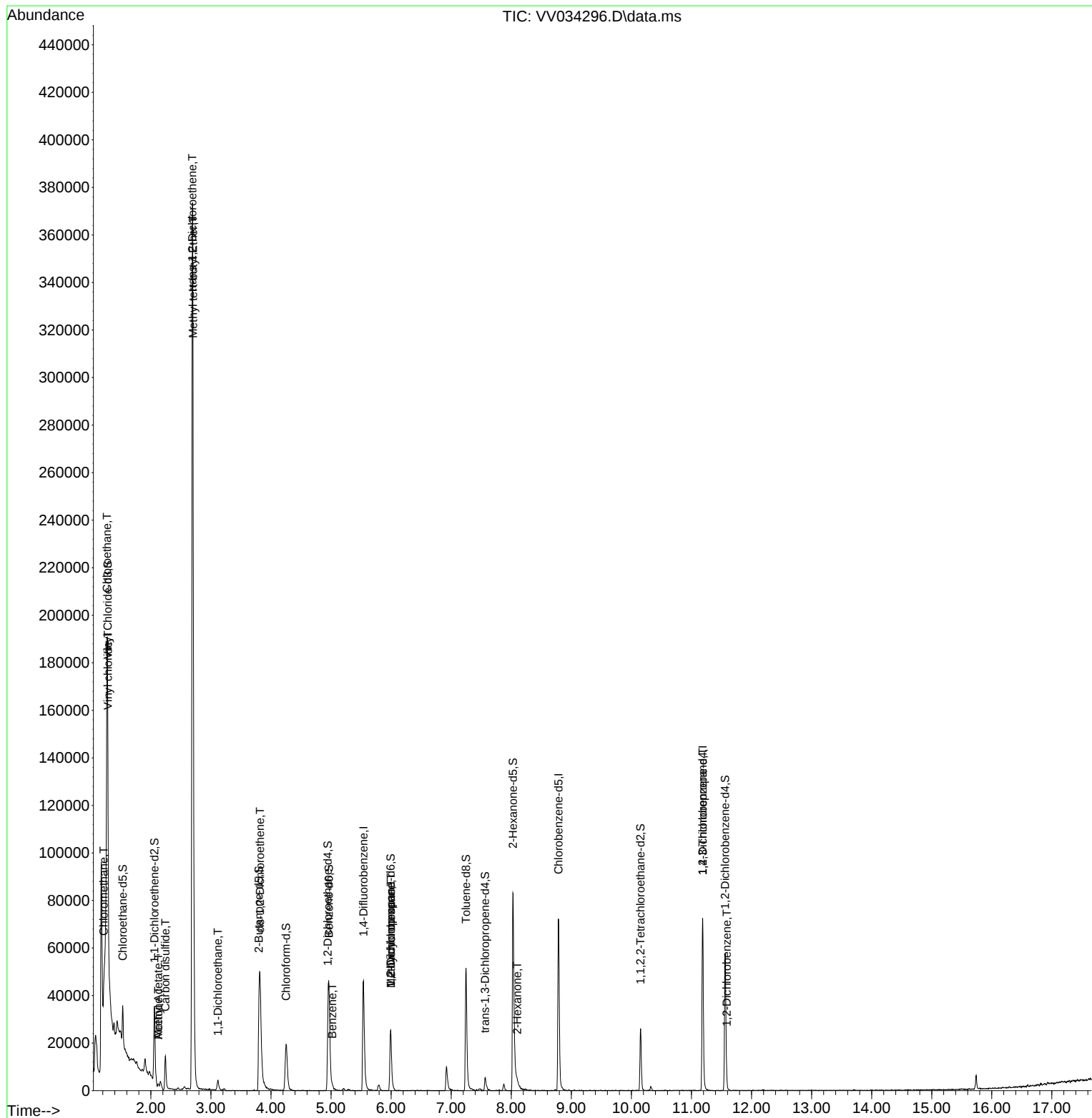
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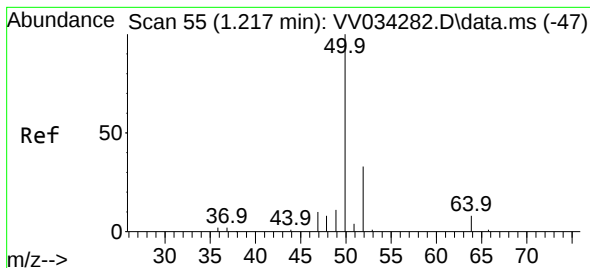
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022024\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Feb 21 04:37:10 2024
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.560 ug/L

RT: 1.217 min Scan# 50

Delta R.T. 0.000 min

Lab File: VV034296.D

Acq: 21 Feb 2024 02:18

Instrument :

MSVOA_V

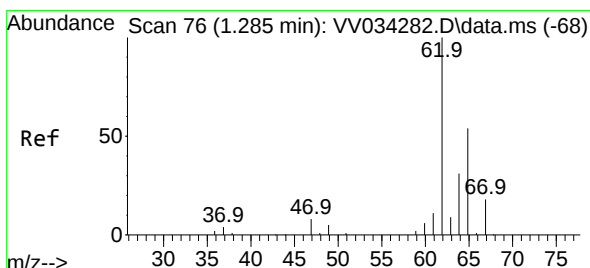
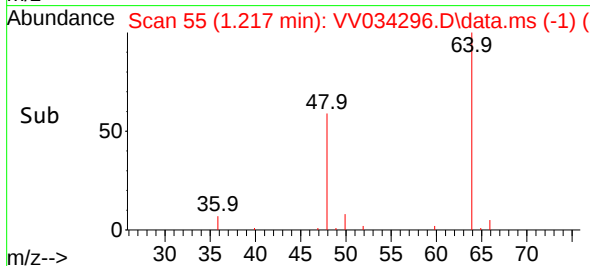
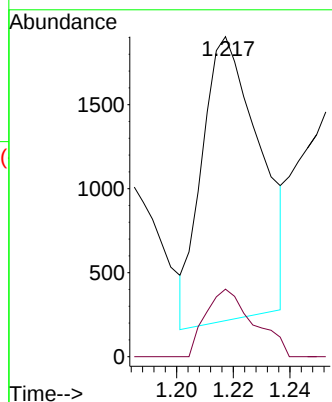
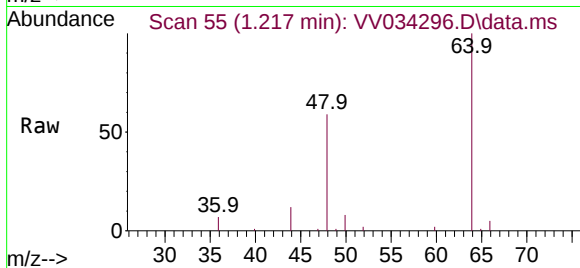
ClientSampleId :

Tgt Ion: 50 Resp: 2385

Ion Ratio Lower Upper

50 100

52 21.1 23.4 43.4#



#5

Vinyl chloride

Concen: 3.995 ug/L

RT: 1.285 min Scan# 76

Delta R.T. 0.000 min

Lab File: VV034296.D

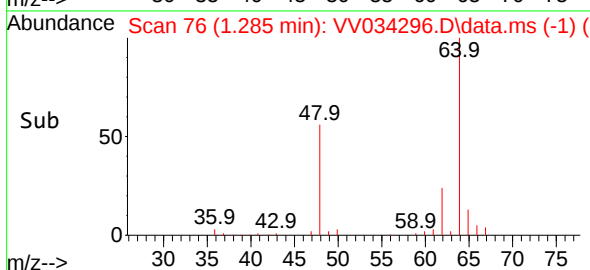
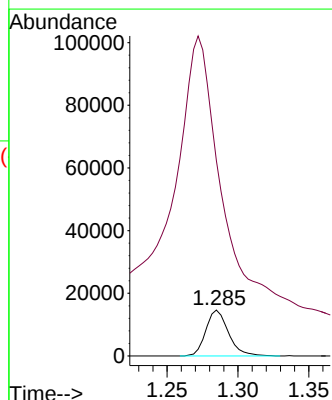
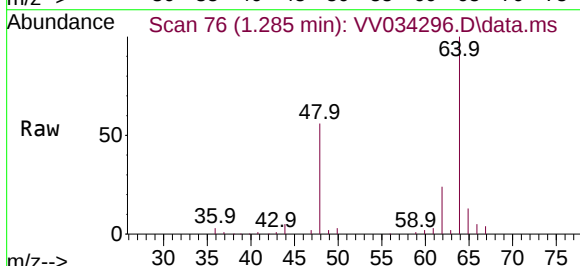
Acq: 21 Feb 2024 02:18

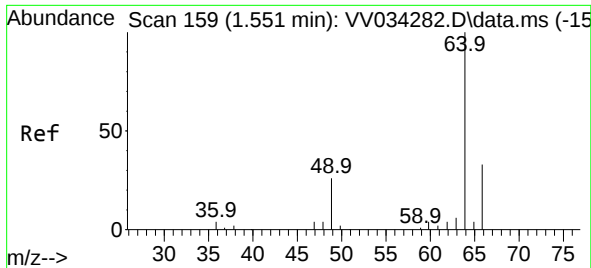
Tgt Ion: 62 Resp: 16257

Ion Ratio Lower Upper

62 100

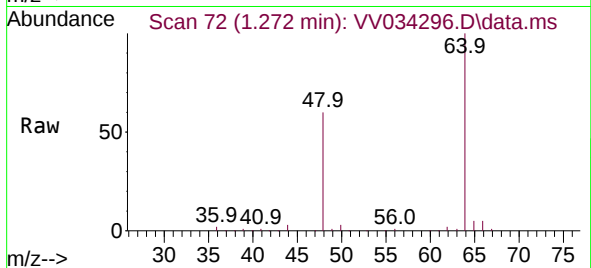
64 425.5 27.2 50.4#



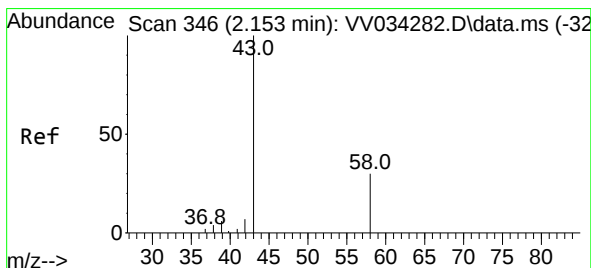
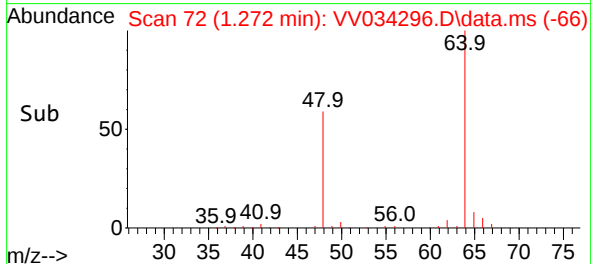
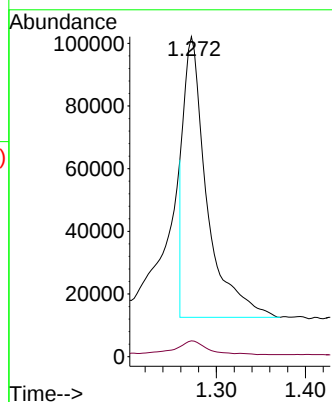


#8
Chloroethane
Concen: 58.186 ug/L
RT: 1.272 min Scan# 71
Delta R.T. -0.280 min
Lab File: VV034296.D
Acq: 21 Feb 2024 02:18

Instrument :
MSVOA_V
ClientSampleId :

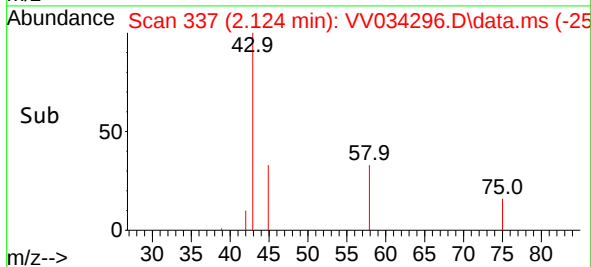
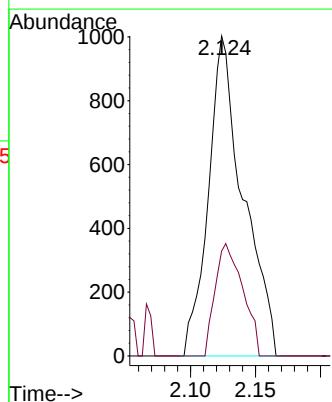
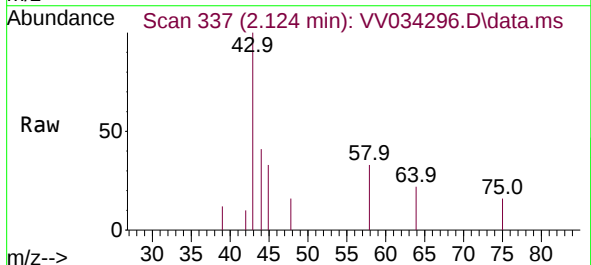


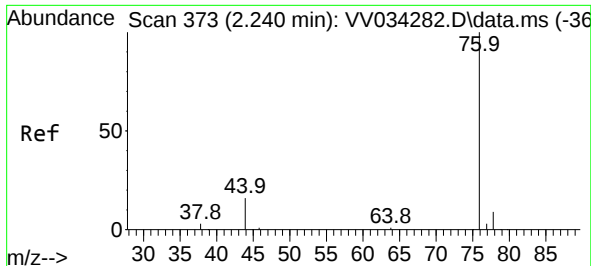
Tgt Ion: 64 Resp: 161527
Ion Ratio Lower Upper
64 100
66 4.9 22.0 41.0#



#13
Acetone
Concen: 4.451 ug/L
RT: 2.124 min Scan# 337
Delta R.T. -0.029 min
Lab File: VV034296.D
Acq: 21 Feb 2024 02:18

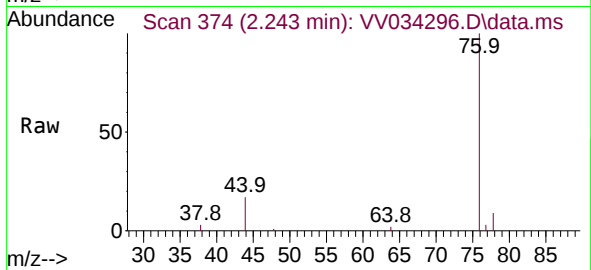
Tgt Ion: 43 Resp: 1871
Ion Ratio Lower Upper
43 100
58 27.8 0.0 13.8#



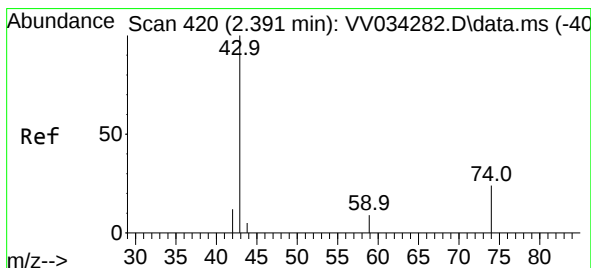
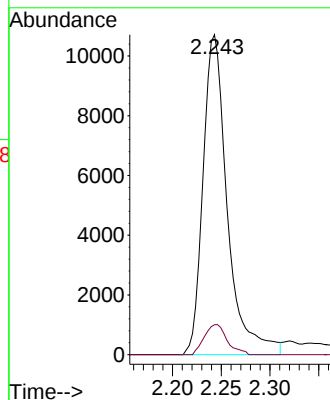
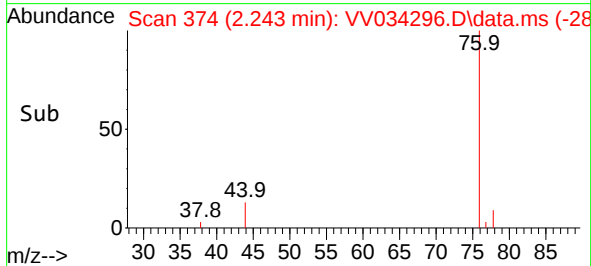


#14
Carbon disulfide
Concen: 1.934 ug/L
RT: 2.243 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV034296.D
Acq: 21 Feb 2024 02:18

Instrument :
MSVOA_V
ClientSampleId :

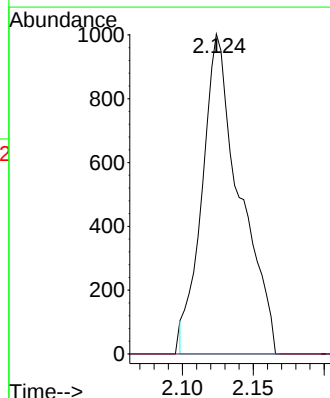
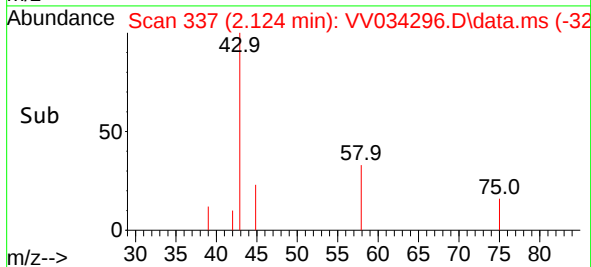
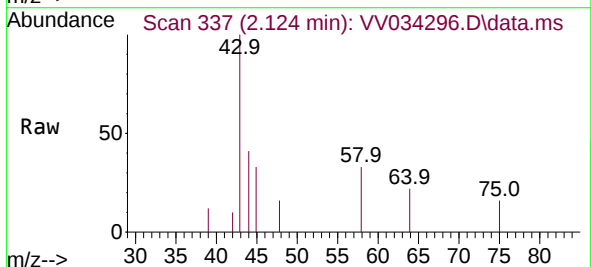


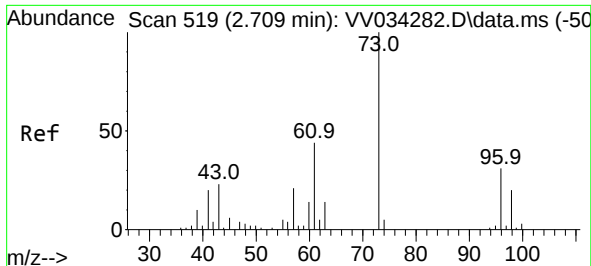
Tgt Ion: 76 Resp: 18626
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3



#15
Methyl Acetate
Concen: 1.859 ug/L
RT: 2.124 min Scan# 337
Delta R.T. -0.267 min
Lab File: VV034296.D
Acq: 21 Feb 2024 02:18

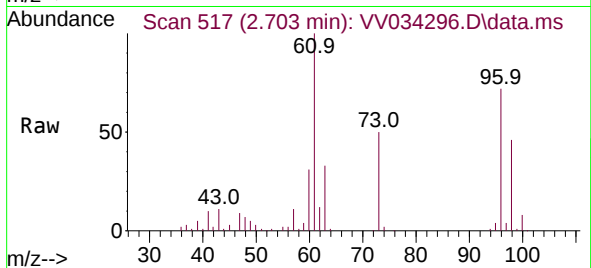
Tgt Ion: 43 Resp: 1850
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.4#



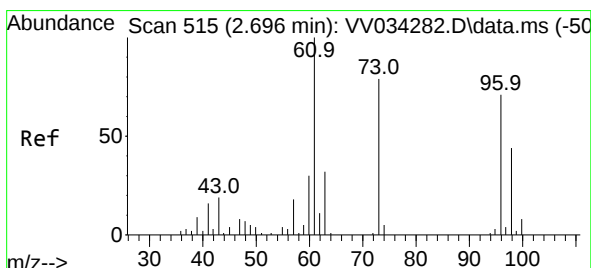
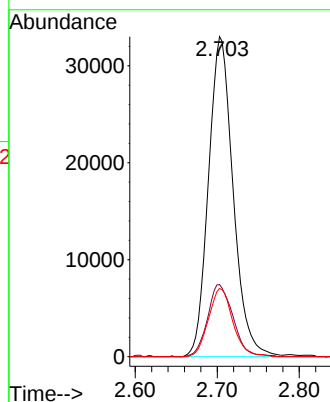
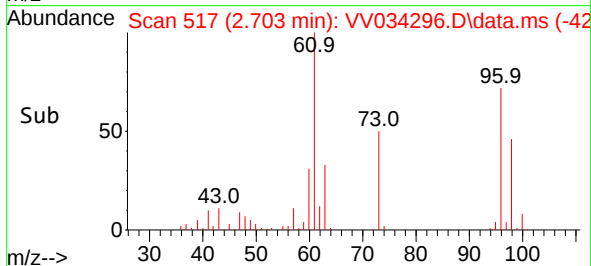


#17
Methyl tert-butyl Ether
Concen: 11.292 ug/L
RT: 2.703 min Scan# 51
Delta R.T. -0.006 min
Lab File: VV034296.D
Acq: 21 Feb 2024 02:18

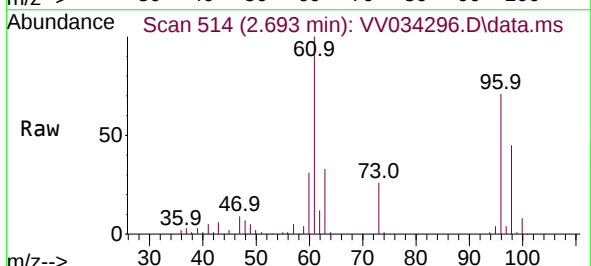
Instrument :
MSVOA_V
ClientSampleId :



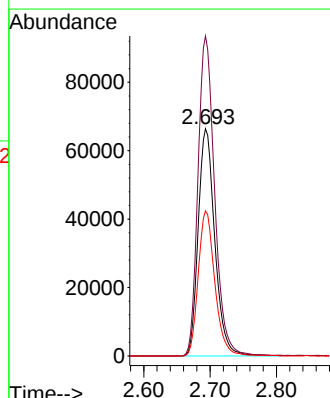
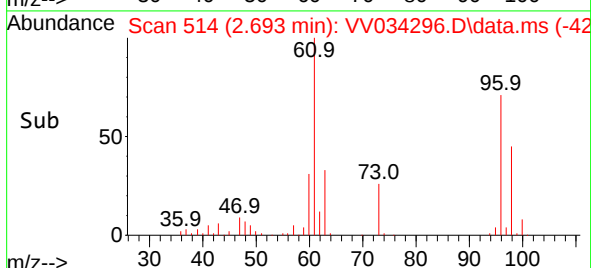
Tgt Ion: 73 Resp: 69049
Ion Ratio Lower Upper
73 100
43 23.2 17.7 26.5
57 21.0 17.9 26.9

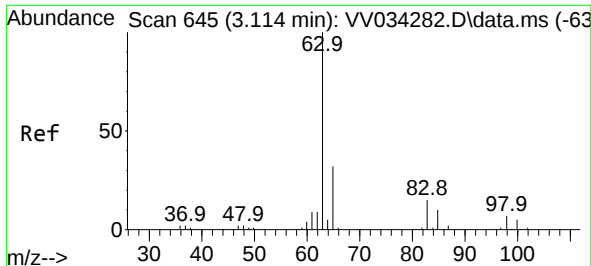


#18
trans-1,2-Dichloroethene
Concen: 38.166 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.003 min
Lab File: VV034296.D
Acq: 21 Feb 2024 02:18



Tgt Ion: 96 Resp: 115694
Ion Ratio Lower Upper
96 100
61 140.9 97.6 181.4
98 63.9 44.4 82.5





#19

1,1-Dichloroethane

Concen: 0.759 ug/L

RT: 3.117 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV034296.D

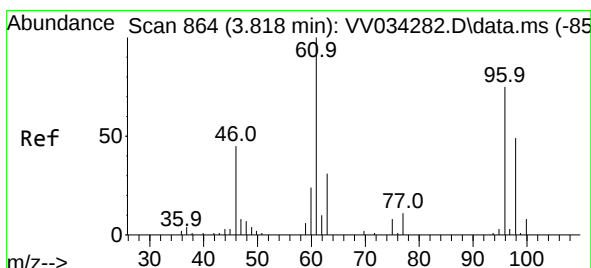
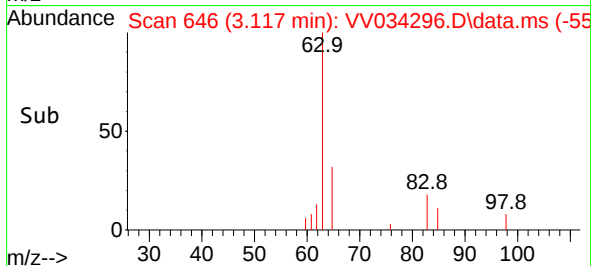
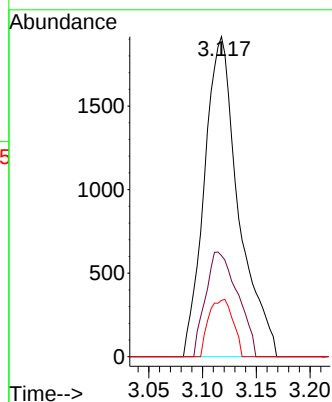
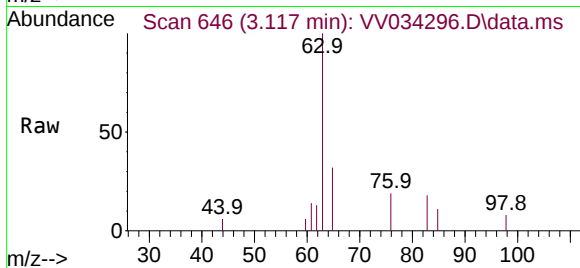
Acq: 21 Feb 2024 02:18

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	63	Resp:	4230
Ion	Ratio	Lower	Upper
63	100		
65	31.6	20.8	38.6
83	17.6	9.4	17.4#



#22

cis-1,2-Dichloroethene

Concen: 5.440 ug/L

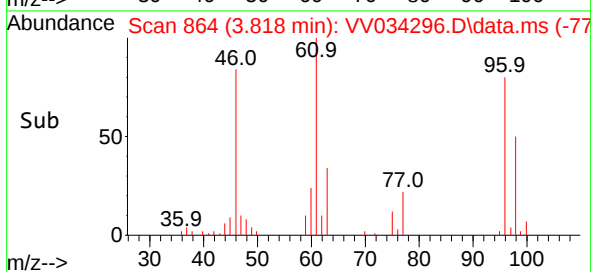
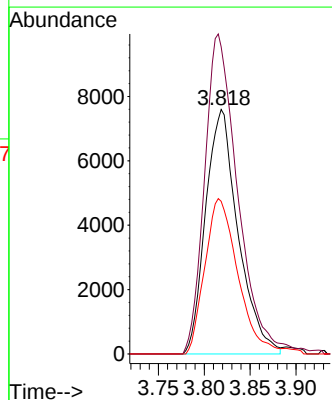
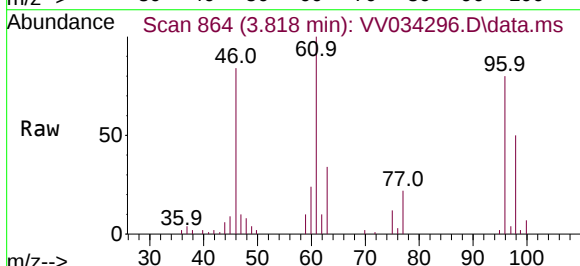
RT: 3.818 min Scan# 864

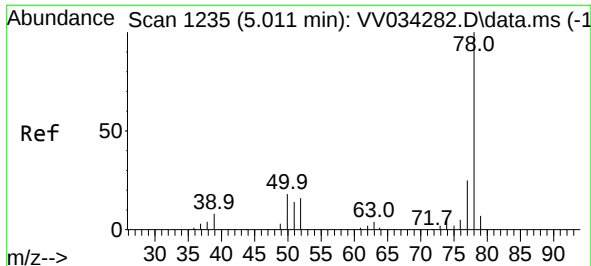
Delta R.T. 0.000 min

Lab File: VV034296.D

Acq: 21 Feb 2024 02:18

Tgt Ion:	96	Resp:	18709
Ion	Ratio	Lower	Upper
96	100		
61	125.7	90.3	167.7
98	62.4	43.2	80.2

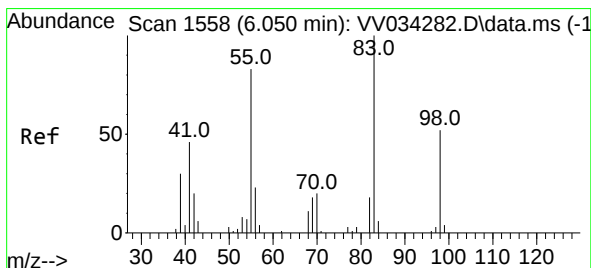
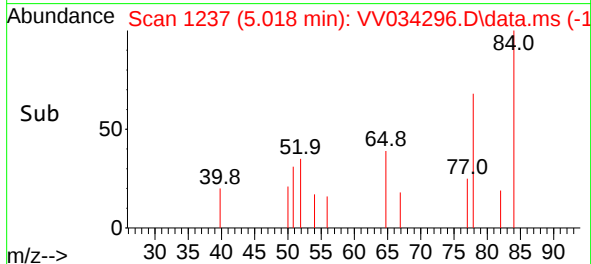
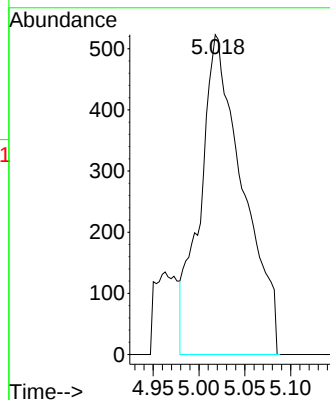
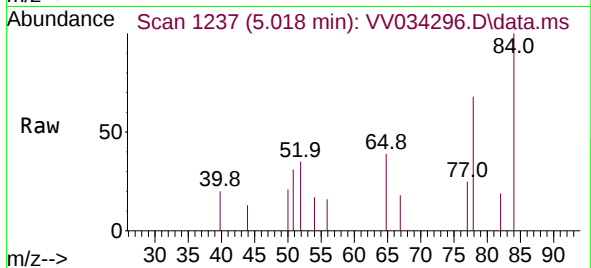




#33
Benzene
Concen: 0.143 ug/L
RT: 5.018 min Scan# 1541
Delta R.T. 0.007 min
Lab File: VV034296.D
Acq: 21 Feb 2024 02:18

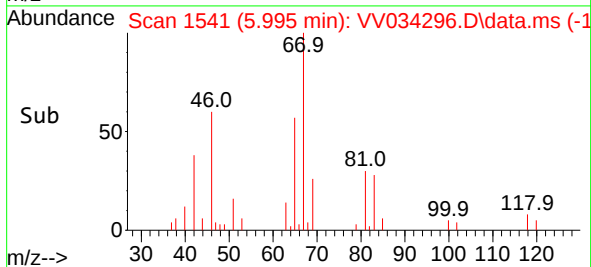
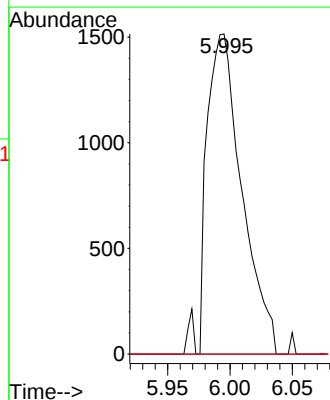
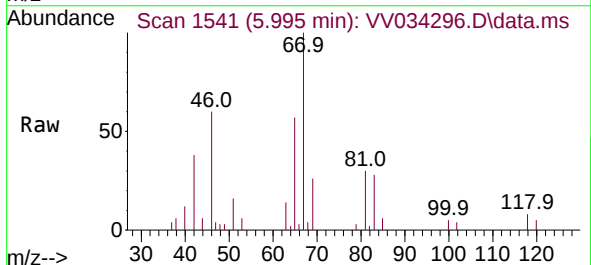
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MSVOA_V
ClientSampleId :

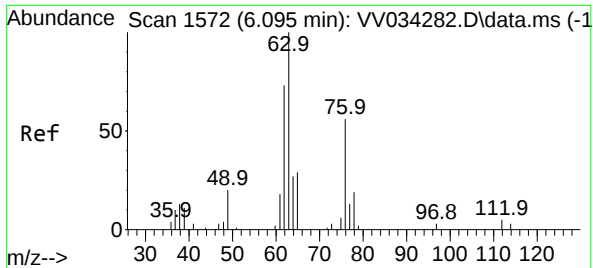
Tgt Ion: 78 Resp: 1696



#35
Methylcyclohexane
Concen: 0.554 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.055 min
Lab File: VV034296.D
Acq: 21 Feb 2024 02:18

Tgt Ion: 83 Resp: 2996
Ion Ratio Lower Upper
83 100
55 0.6 63.5 95.3#
98 0.0 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.522 ug/L

RT: 5.995 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV034296.D

Acq: 21 Feb 2024 02:18

Instrument :

MSVOA_V

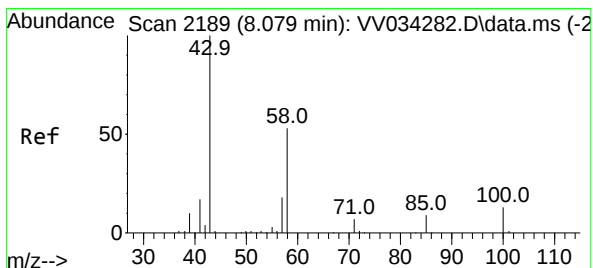
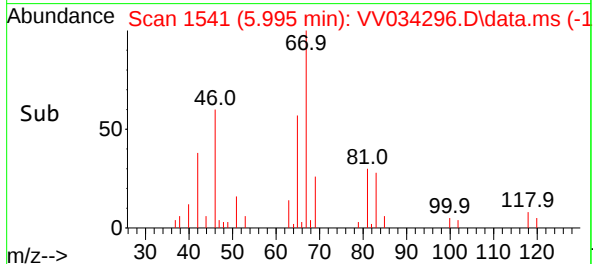
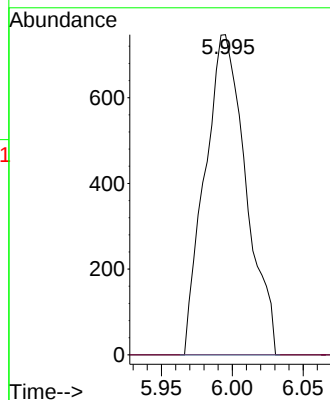
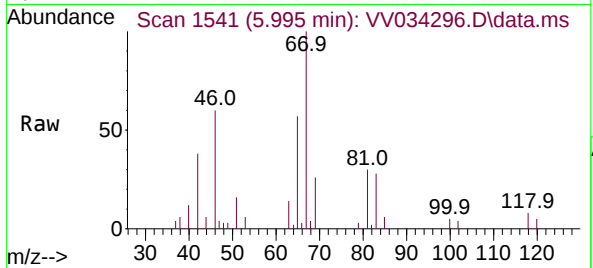
ClientSampleId :

Tgt Ion: 63 Resp: 1506

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#48

2-Hexanone

Concen: 2.794 ug/L

RT: 8.101 min Scan# 2196

Delta R.T. 0.023 min

Lab File: VV034296.D

Acq: 21 Feb 2024 02:18

Tgt Ion: 43 Resp: 2719

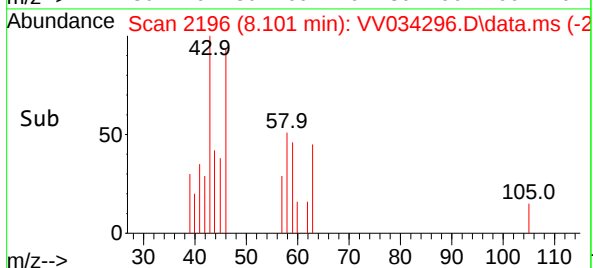
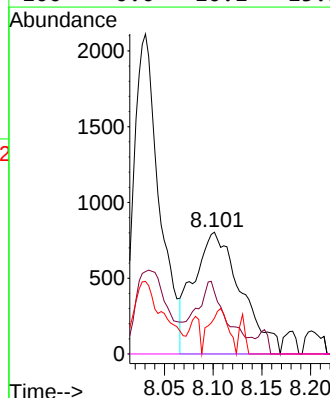
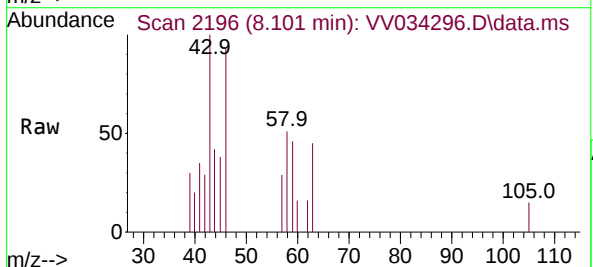
Ion Ratio Lower Upper

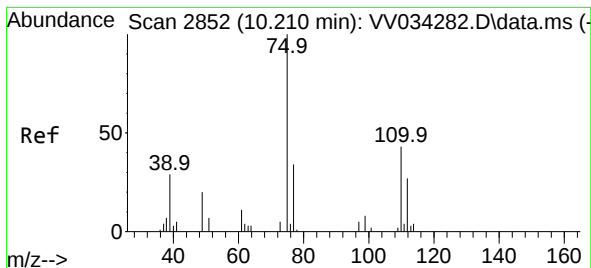
43 100

58 41.2 42.6 64.0#

57 14.9 15.5 23.3#

100 0.0 10.1 15.1#





#61

1,2,3-Trichloropropane

Concen: 1.712 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.978 min

Lab File: VV034296.D

Acq: 21 Feb 2024 02:18

Instrument :

MSVOA_V

ClientSampleId :

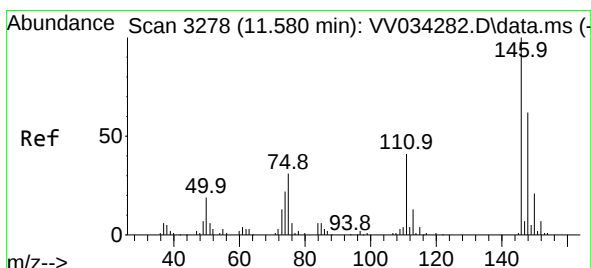
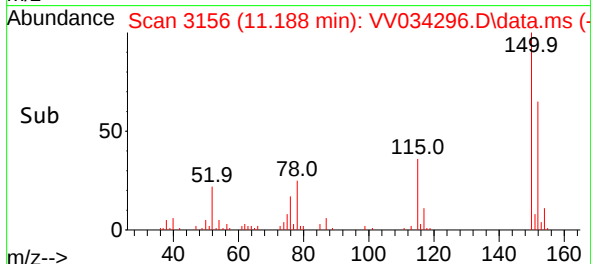
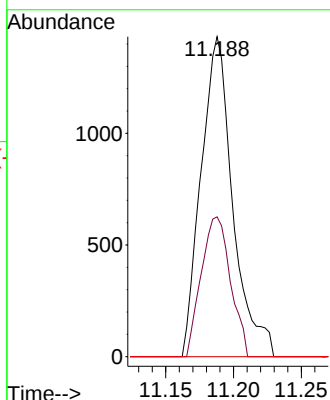
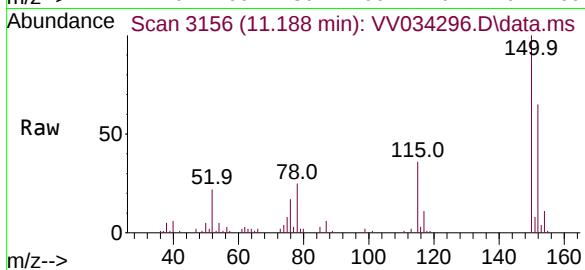
Tgt Ion: 75 Resp: 2329

Ion Ratio Lower Upper

75 100

77 40.2 26.9 40.3

110 0.0 33.3 49.9#



#67

1,2-Dichlorobenzene

Concen: 0.218 ug/L

RT: 11.587 min Scan# 3280

Delta R.T. 0.007 min

Lab File: VV034296.D

Acq: 21 Feb 2024 02:18

Tgt Ion:146 Resp: 1193

Ion Ratio Lower Upper

146 100

111 37.2 31.2 46.8

148 56.4 49.8 74.8

