

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022324\
 Data File : VW034368.D
 Acq On : 23 Feb 2024 12:09
 Operator : SY/MD
 Sample : VIBLK327
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 24 00:46:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 24 00:41:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	32436	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	30380	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	14882	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	16569	6.596	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	132.000%#
7) Chloroethane-d5	1.529	69	10370	4.713	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.056	65	6344	5.237	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.800%
20) 2-Butanone-d5	3.799	46	40679	96.419	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	192.840%#
24) Chloroform-d	4.252	84	21789	4.773	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	4.950	65	14210	6.661	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	133.200%#
32) Benzene-d6	4.963	84	41593	4.563	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	5.992	67	12097	4.748	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.246	98	37047	4.422	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	7.567	79	4160	4.324	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.027	63	32093	93.446	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	186.900%#
56) 1,1,2,2-Tetrachloroeth...	10.156	84	12906	8.355	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	167.200%#
66) 1,2-Dichlorobenzene-d4	11.564	152	14847	5.486	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	2130	0.657	ug/L	91
5) Vinyl chloride	1.285	62	17110	5.523	ug/L #	1
6) Bromomethane	1.491	94	395	0.242	ug/L	96
8) Chloroethane	1.304	64	275118	130.165	ug/L #	53
13) Acetone	2.127	43	1965	6.139	ug/L	82
14) Carbon disulfide	2.240	76	20770	2.833	ug/L	99
16) Methylene chloride	2.452	84	1187	0.546	ug/L	97
17) Methyl tert-butyl Ether	2.709	73	77463	16.638	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	115633	50.102	ug/L	99
19) 1,1-Dichloroethane	3.117	63	4491	1.059	ug/L	94
22) cis-1,2-Dichloroethene	3.818	96	19531	7.459	ug/L	98
33) Benzene	5.021	78	857	0.094	ug/L	100
35) Methylcyclohexane	5.992	83	2911	0.703	ug/L #	19
37) 1,2-Dichloropropane	5.992	63	1559	0.706	ug/L #	87
61) 1,2,3-Trichloropropane	11.188	75	1746	1.707	ug/L #	61
67) 1,2-Dichlorobenzene	11.577	146	1313	0.318	ug/L #	80

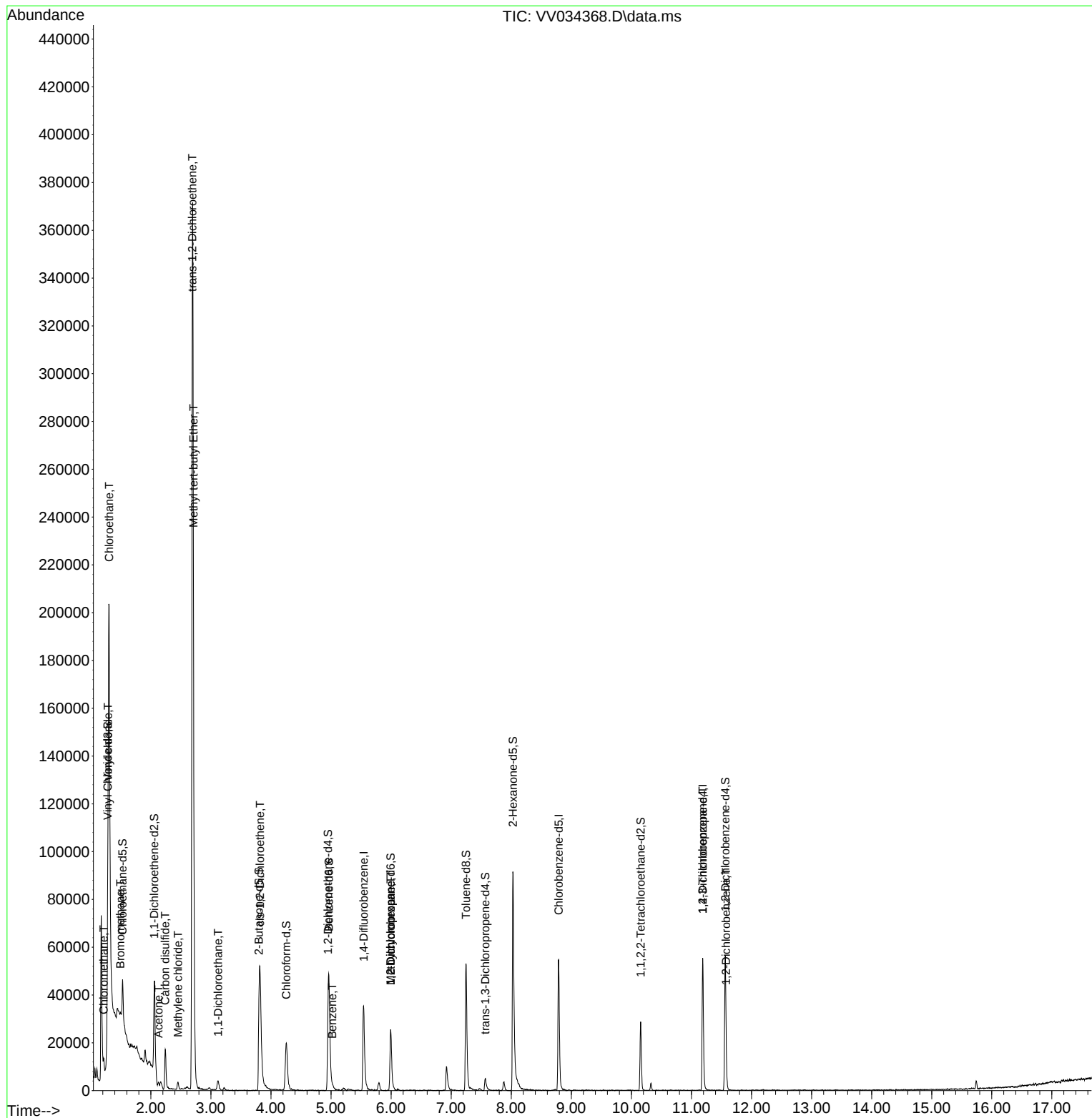
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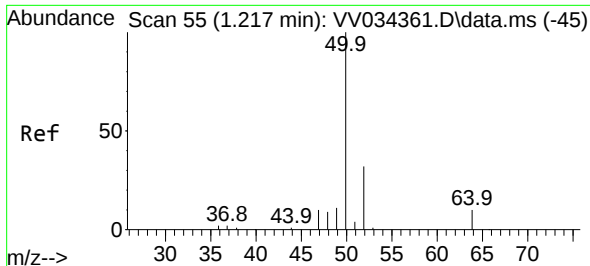
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022324\
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Instrument :
MSVOA_V
ClientSampleId :

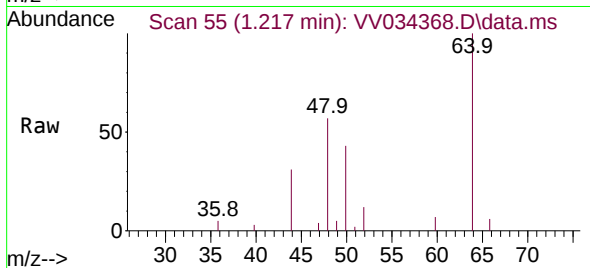
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Feb 24 00:41:32 2024
Response via : Initial Calibration



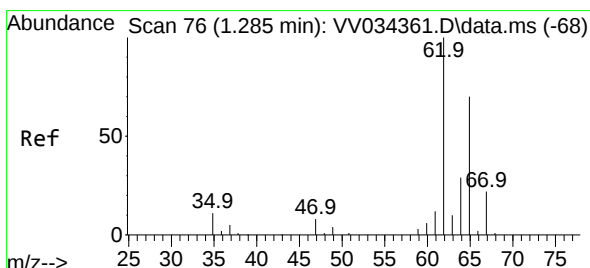
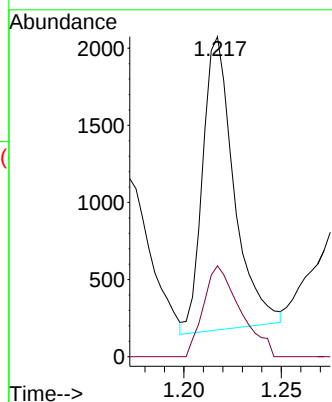
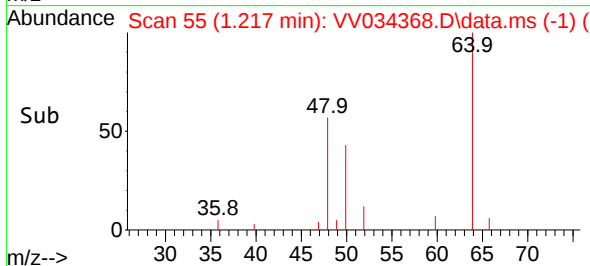


#3
Chloromethane
Concen: 0.657 ug/L
RT: 1.217 min Scan# 50
Delta R.T. -0.000 min
Lab File: VV034368.D
Acq: 23 Feb 2024 12:09

Instrument :
MSVOA_V
ClientSampleId :

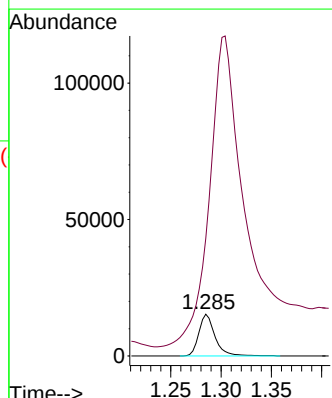
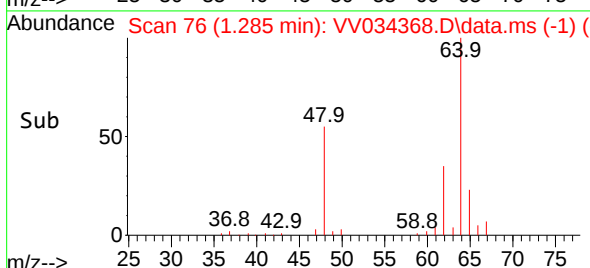
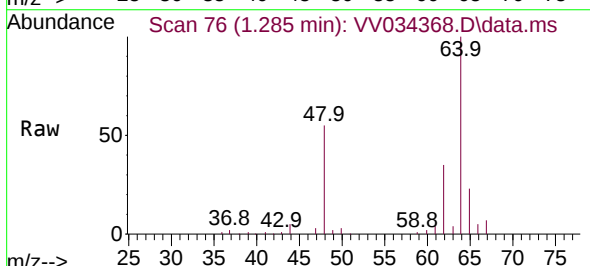


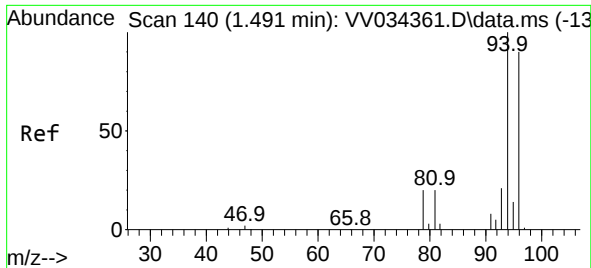
Tgt Ion: 50 Resp: 2130
Ion Ratio Lower Upper
50 100
52 28.4 23.4 43.4



#5
Vinyl chloride
Concen: 5.523 ug/L
RT: 1.285 min Scan# 76
Delta R.T. -0.000 min
Lab File: VV034368.D
Acq: 23 Feb 2024 12:09

Tgt Ion: 62 Resp: 17110
Ion Ratio Lower Upper
62 100
64 282.1 27.2 50.4#





#6

Bromomethane

Concen: 0.242 ug/L

RT: 1.491 min Scan# 14

Delta R.T. -0.000 min

Lab File: VV034368.D

Acq: 23 Feb 2024 12:09

Instrument :

MSVOA_V

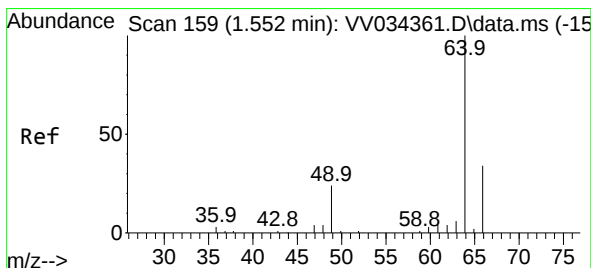
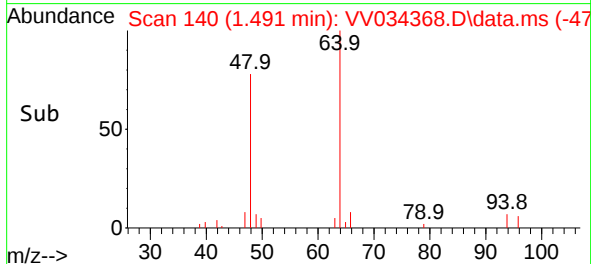
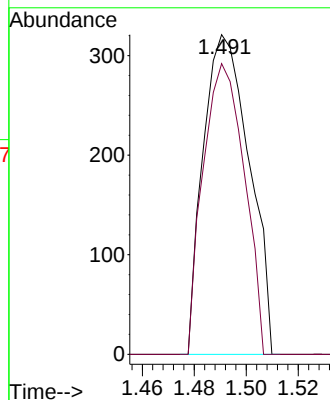
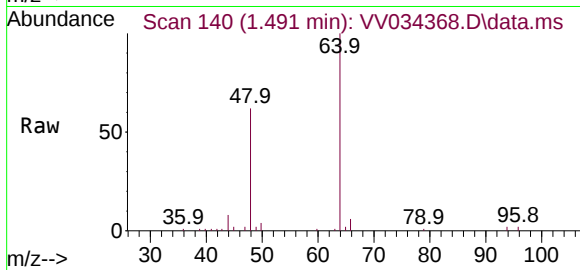
ClientSampleId :

Tgt Ion: 94 Resp: 395

Ion Ratio Lower Upper

94 100

96 91.0 66.6 123.8



#8

Chloroethane

Concen: 130.165 ug/L

RT: 1.304 min Scan# 82

Delta R.T. -0.248 min

Lab File: VV034368.D

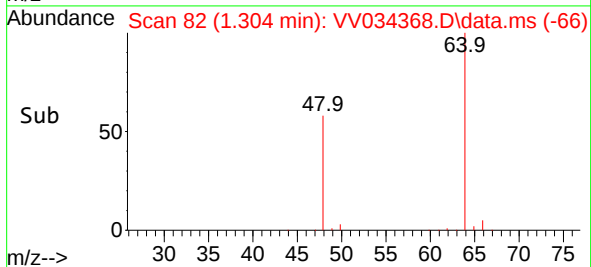
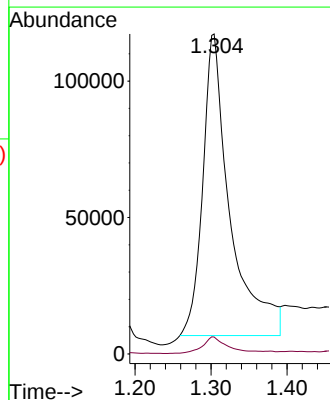
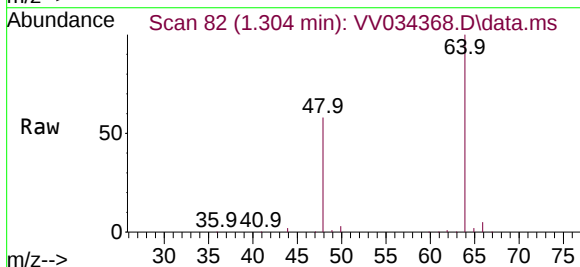
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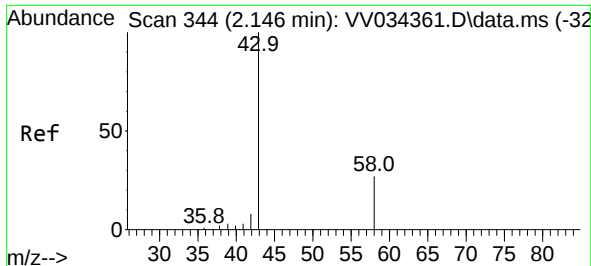
Tgt Ion: 64 Resp: 275118

Ion Ratio Lower Upper

64 100

66 5.3 22.0 41.0#





#13

Acetone

Concen: 6.139 ug/L

RT: 2.127 min Scan# 31

Delta R.T. -0.019 min

Lab File: VV034368.D

Acq: 23 Feb 2024 12:09

Instrument :

MSVOA_V

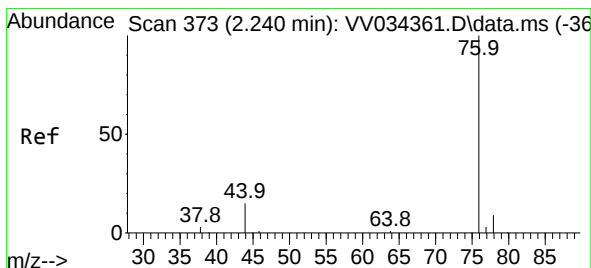
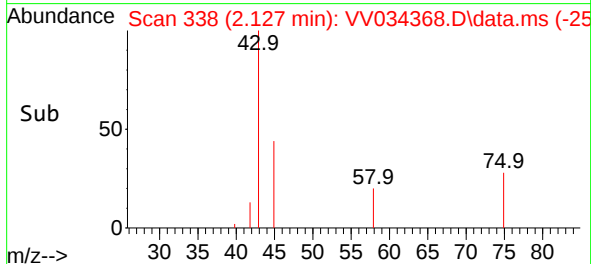
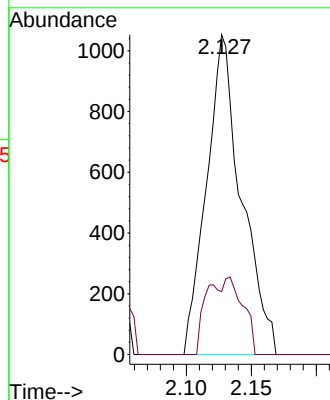
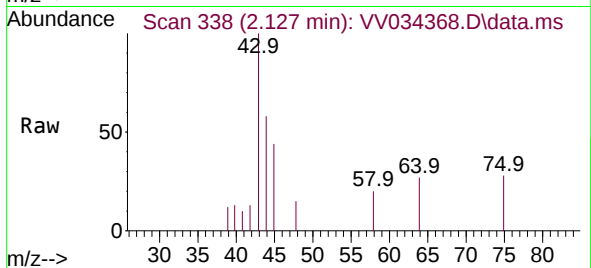
ClientSampleId :

Tgt Ion: 43 Resp: 1965

Ion Ratio Lower Upper

43 100

58 13.1 0.0 13.8



#14

Carbon disulfide

Concen: 2.833 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV034368.D

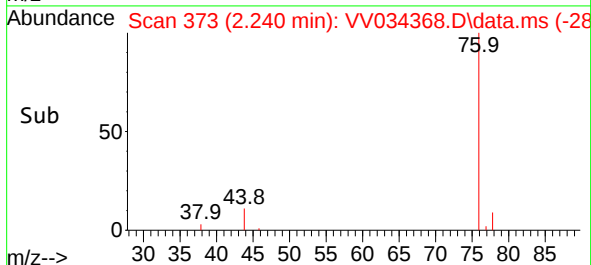
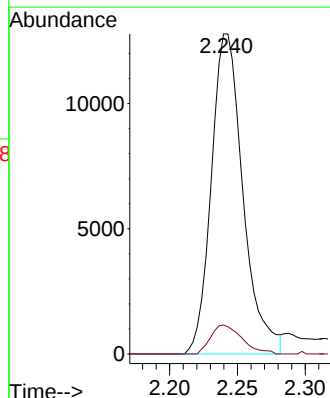
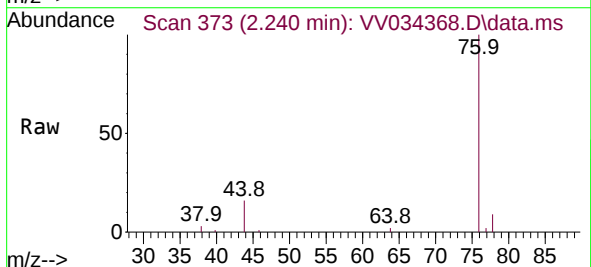
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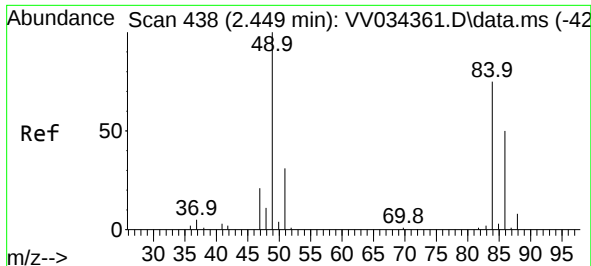
Tgt Ion: 76 Resp: 20770

Ion Ratio Lower Upper

76 100

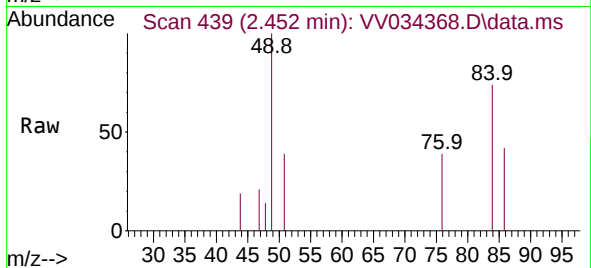
78 9.0 7.5 11.3



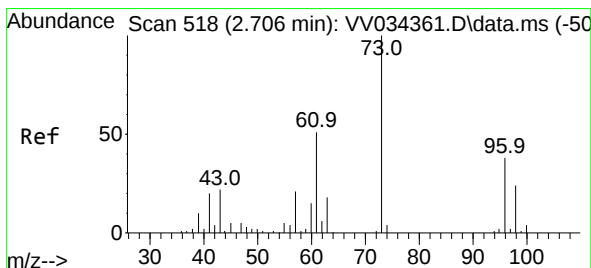
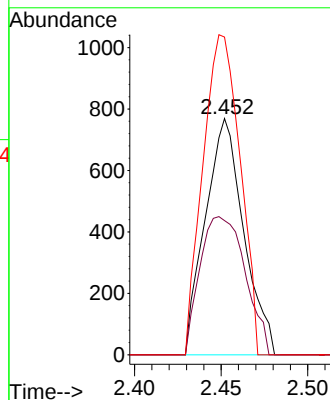
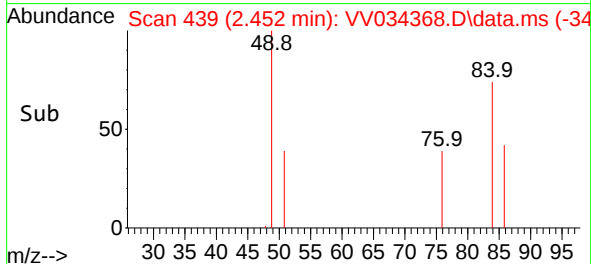


#16
Methylene chloride
Concen: 0.546 ug/L
RT: 2.452 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV034368.D
Acq: 23 Feb 2024 12:09

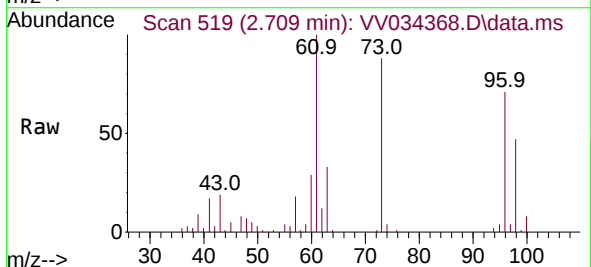
Instrument :
MSVOA_V
ClientSampleId :



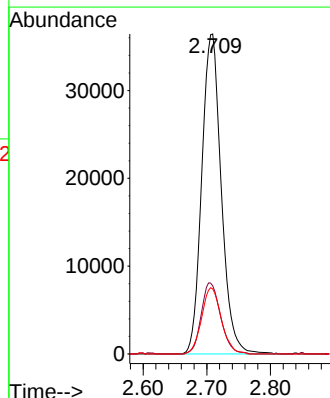
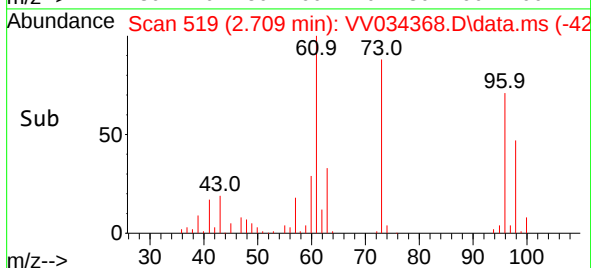
Tgt Ion: 84 Resp: 1187
Ion Ratio Lower Upper
84 100
86 56.8 44.7 83.1
49 134.5 93.7 173.9

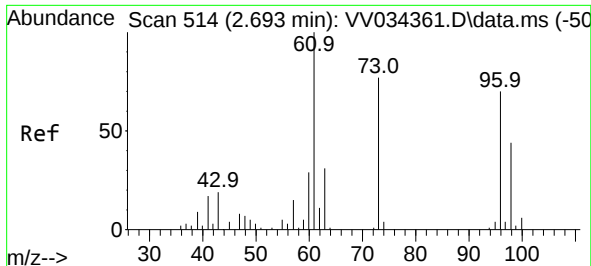


#17
Methyl tert-butyl Ether
Concen: 16.638 ug/L
RT: 2.709 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV034368.D
Acq: 23 Feb 2024 12:09



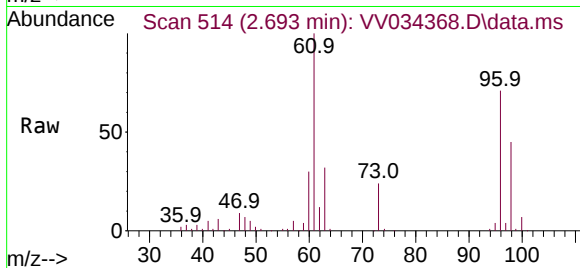
Tgt Ion: 73 Resp: 77463
Ion Ratio Lower Upper
73 100
43 22.0 17.7 26.5
57 20.9 17.9 26.9



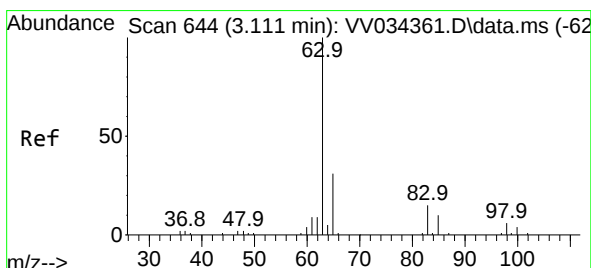
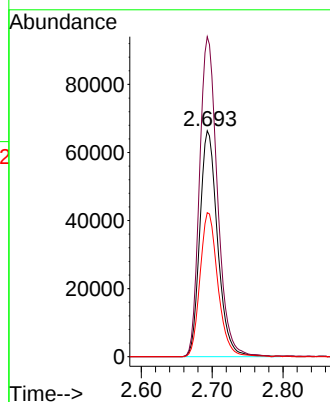
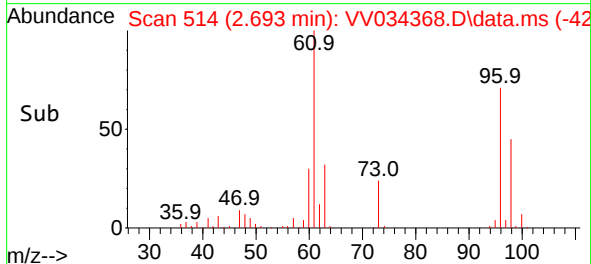


#18
trans-1,2-Dichloroethene
Concen: 50.102 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.000 min
Lab File: VV034368.D
Acq: 23 Feb 2024 12:09

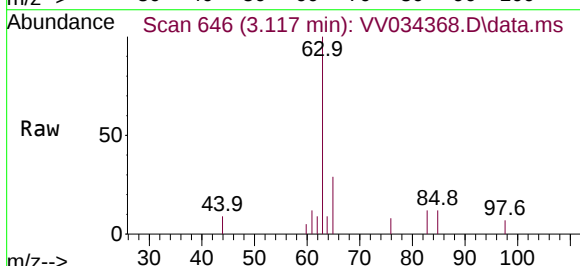
Instrument :
MSVOA_V
ClientSampleId :



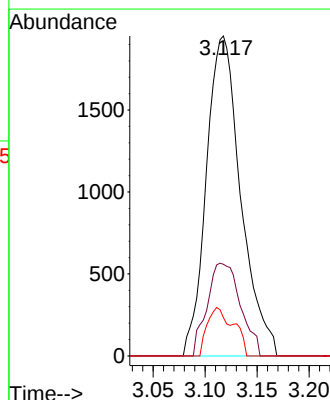
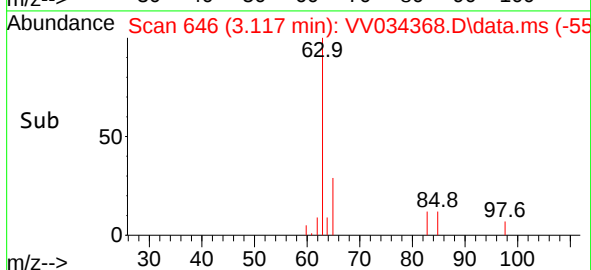
Tgt Ion: 96 Resp: 115633
Ion Ratio Lower Upper
96 100
61 141.6 97.6 181.4
98 63.7 44.4 82.5

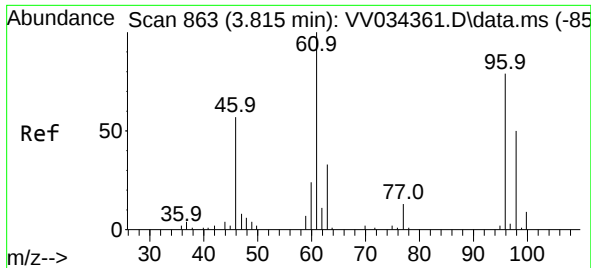


#19
1,1-Dichloroethane
Concen: 1.059 ug/L
RT: 3.117 min Scan# 646
Delta R.T. 0.006 min
Lab File: VV034368.D
Acq: 23 Feb 2024 12:09



Tgt Ion: 63 Resp: 4491
Ion Ratio Lower Upper
63 100
65 26.4 20.8 38.6
83 11.0 9.4 17.4





#22

cis-1,2-Dichloroethene

Concen: 7.459 ug/L

RT: 3.818 min Scan# 863

Delta R.T. 0.003 min

Lab File: VV034368.D

Acq: 23 Feb 2024 12:09

Instrument :

MSVOA_V

ClientSampleId :

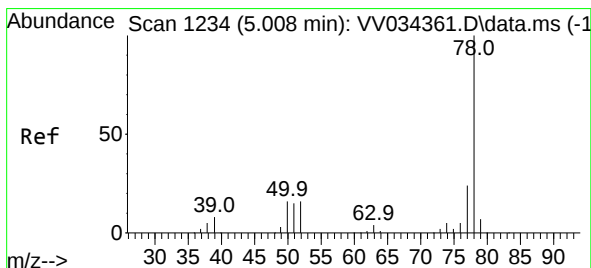
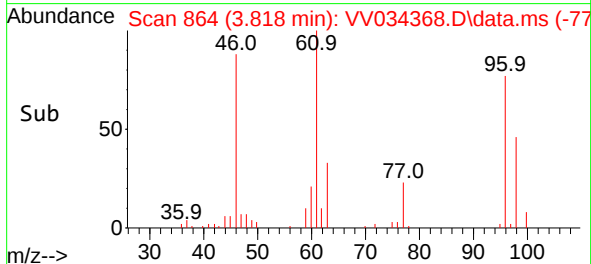
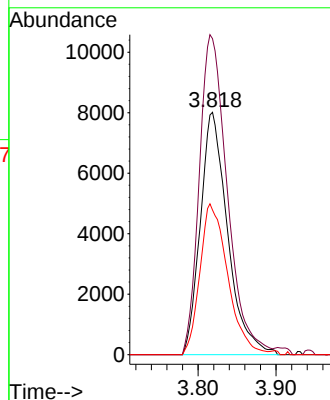
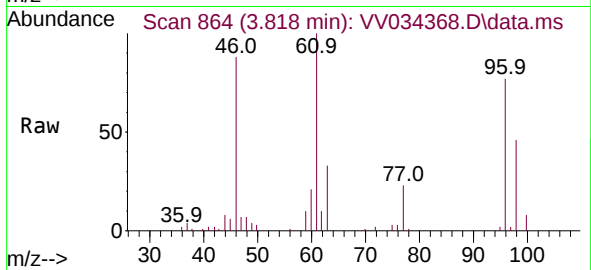
Tgt Ion: 96 Resp: 19531

Ion Ratio Lower Upper

96 100

61 130.4 90.3 167.7

98 59.7 43.2 80.2



#33

Benzene

Concen: 0.094 ug/L

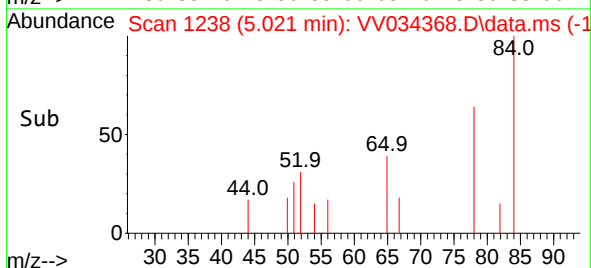
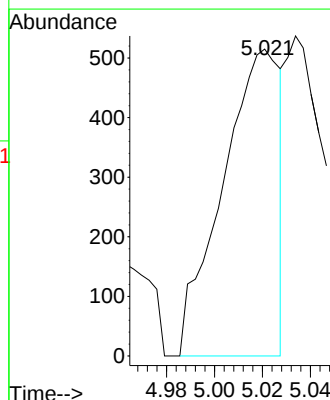
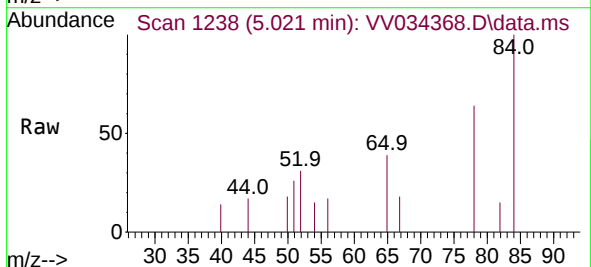
RT: 5.021 min Scan# 1238

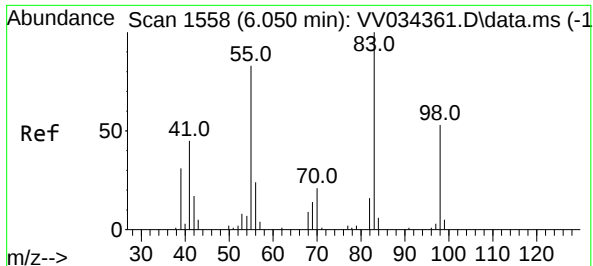
Delta R.T. 0.013 min

Lab File: VV034368.D

Acq: 23 Feb 2024 12:09

Tgt Ion: 78 Resp: 857





#35

Methylcyclohexane

Concen: 0.703 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.058 min

Lab File: VV034368.D

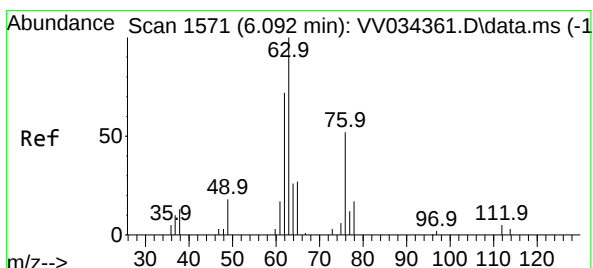
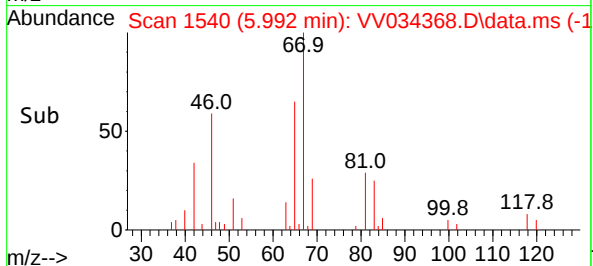
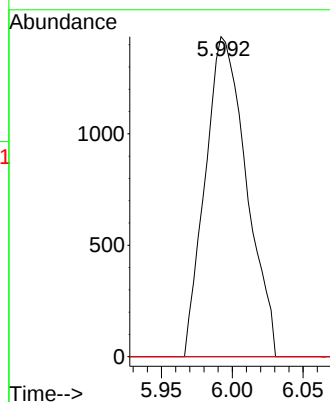
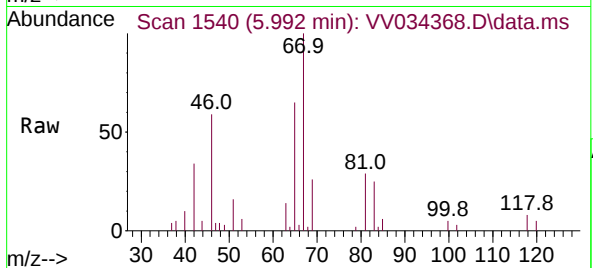
Acq: 23 Feb 2024 12:09

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	2911
Ion	Ratio	Lower	Upper
83	100		
55	3.8	63.5	95.3#
98	0.0	39.0	58.4#



#37

1,2-Dichloropropane

Concen: 0.706 ug/L

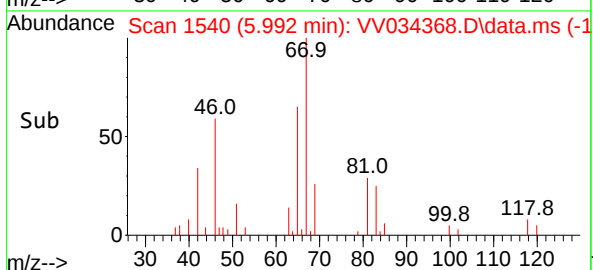
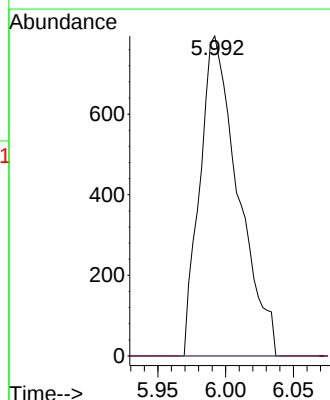
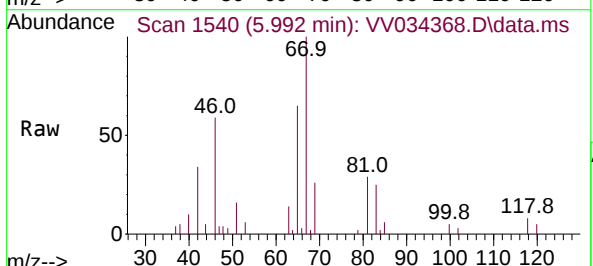
RT: 5.992 min Scan# 1540

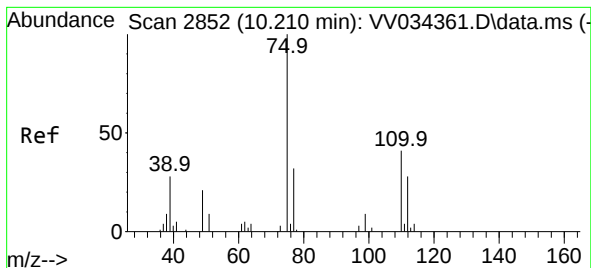
Delta R.T. -0.100 min

Lab File: VV034368.D

Acq: 23 Feb 2024 12:09

Tgt Ion:	63	Resp:	1559
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#





#61

1,2,3-Trichloropropane

Concen: 1.707 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.977 min

Lab File: VV034368.D

Acq: 23 Feb 2024 12:09

Instrument :

MSVOA_V

ClientSampleId :

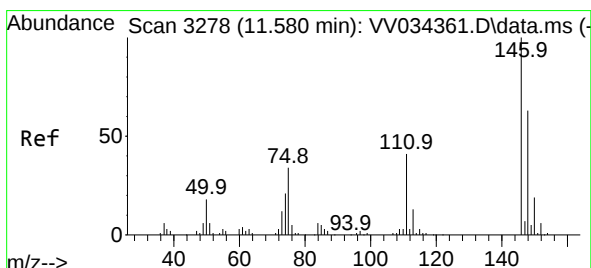
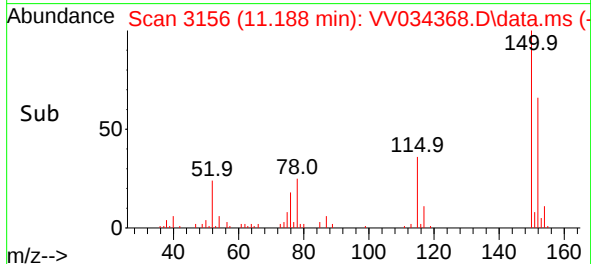
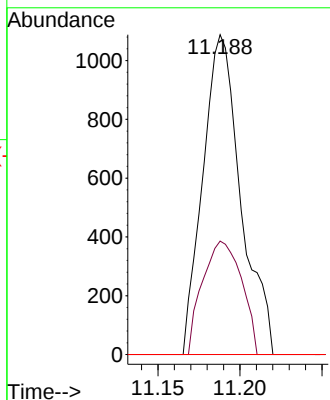
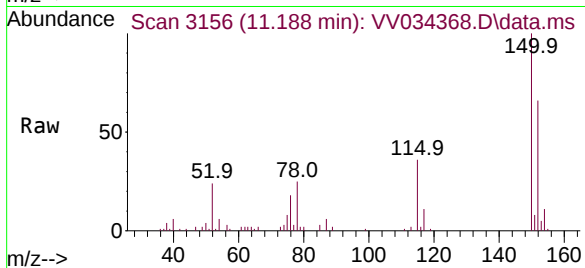
Tgt Ion: 75 Resp: 1746

Ion Ratio Lower Upper

75 100

77 36.6 26.9 40.3

110 0.0 33.3 49.9#



#67

1,2-Dichlorobenzene

Concen: 0.318 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. -0.003 min

Lab File: VV034368.D

Acq: 23 Feb 2024 12:09

Tgt Ion: 146 Resp: 1313

Ion Ratio Lower Upper

146 100

111 46.5 31.2 46.8

148 42.7 49.8 74.8#

