

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW123021\
 Data File : VW024236.D
 Acq On : 30 Dec 2021 11:58
 Operator : SY/MD
 Sample : M5193-07DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J07DL

Quant Time: Dec 31 03:40:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 31 03:39:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	78890	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	81039	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	44766	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	29576	4.984	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.600%
7) Chloroethane-d5	1.568	69	22194	4.485	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.105	63	59194	4.104	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.000%
20) 2-Butanone-d5	3.896	46	56239	85.323	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	170.640%#
24) Chloroform-d	4.349	84	59370	4.713	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.031	65	28850	5.117	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.050	84	107011	4.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	6.069	67	29603	4.938	ug/L	0.00
41) Toluene-d8	7.317	98	100255	4.648	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	7.625	79	12797	5.041	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.800%
46) 2-Hexanone-d5	8.095	63	42204	49.449	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.900%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	20801	5.082	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	40172	5.162	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds			Qvalue			
3) Chloromethane	1.240	50	2404	0.174	ug/L	96
5) Vinyl chloride	1.311	62	1351	0.096	ug/L #	1
6) Bromomethane	1.523	94	2050	0.228	ug/L	93
8) Chloroethane	1.584	64	815	0.099	ug/L	89
12) 1,1-Dichloroethene	2.114	96	28001	2.585	ug/L	93
16) Methylene chloride	2.503	84	6715	0.580	ug/L	92
17) Methyl tert-butyl Ether	2.770	73	1351	0.062	ug/L #	91
19) 1,1-Dichloroethane	3.188	63	22104	1.154	ug/L	96
21) 2-Butanone	3.992	43	1235	1.003	ug/L #	73
22) cis-1,2-Dichloroethene	3.912	96	2058	0.181	ug/L	81
29) 1,1,1-Trichloroethane	4.606	97	22134	1.083	ug/L	95
31) Carbon tetrachloride	4.603	117	2726	0.144	ug/L	88
34) Trichloroethene	5.912	95	47307	3.943	ug/L	98
35) Methylcyclohexane	6.069	83	8302	0.478	ug/L #	20
37) 1,2-Dichloropropane	6.066	63	3698	0.377	ug/L #	84
48) 2-Hexanone	8.095	43	7610	2.219	ug/L #	61
61) 1,2,3-Trichloropropane	11.249	75	4307	0.813	ug/L #	59

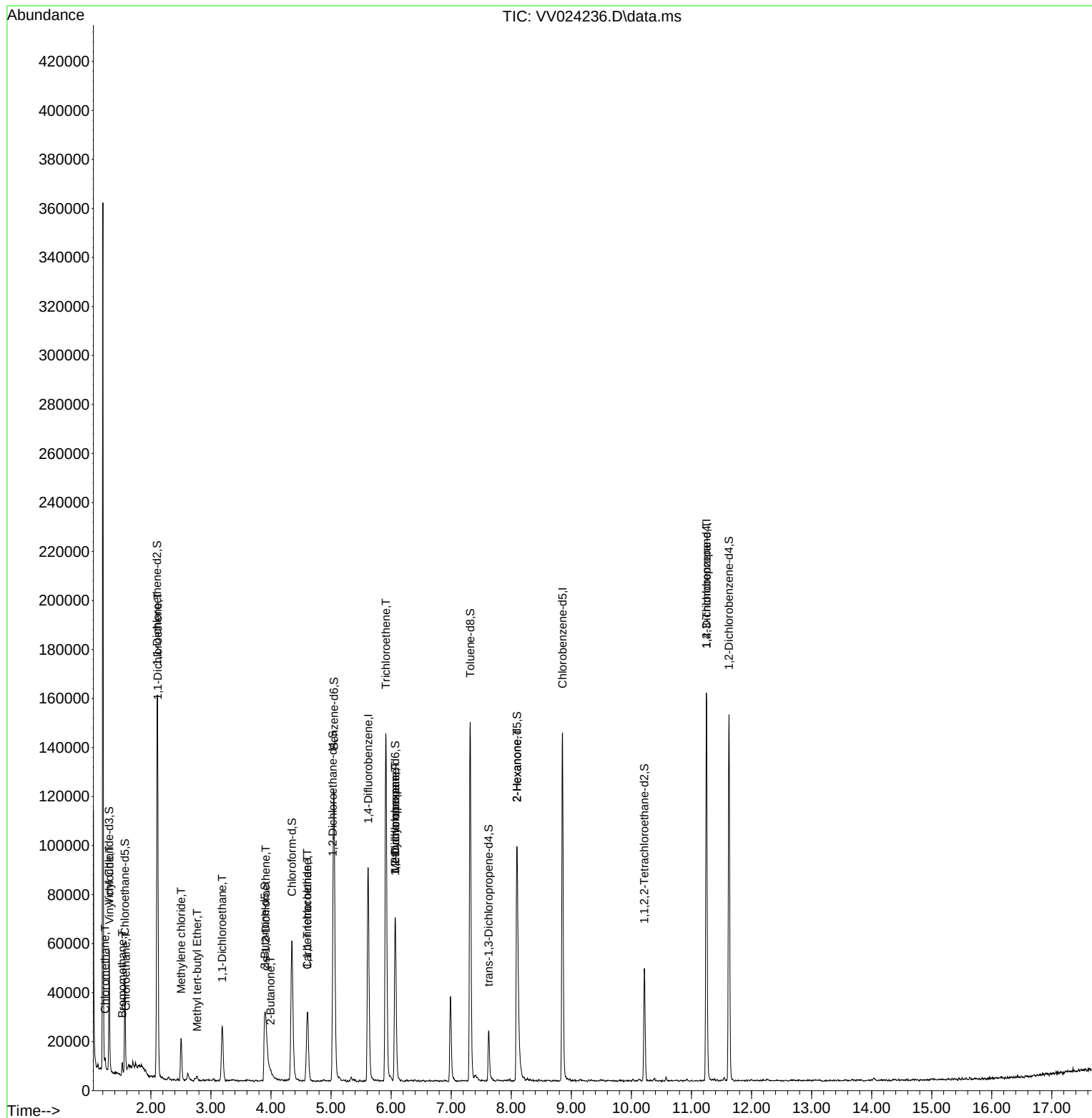
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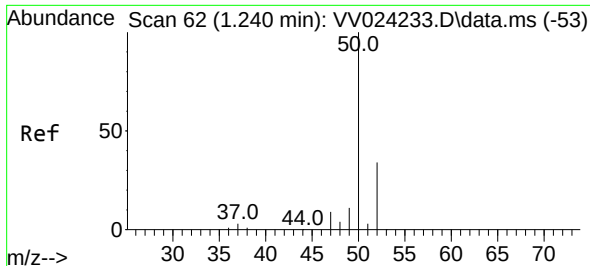
Instrument :
MSVOA_V
ClientSampleId :
C0J07DL

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

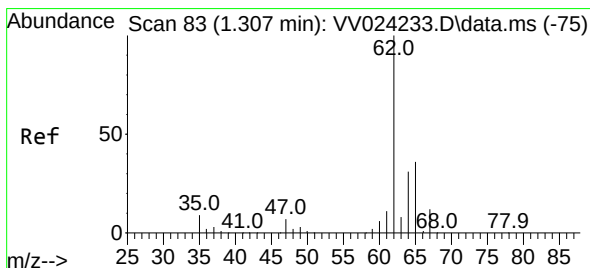
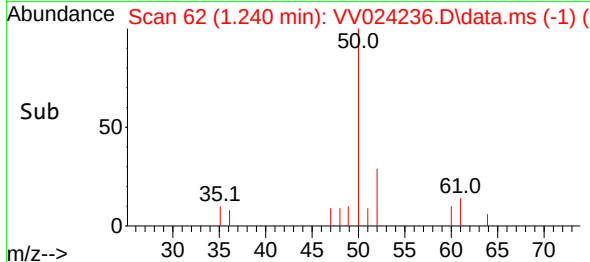
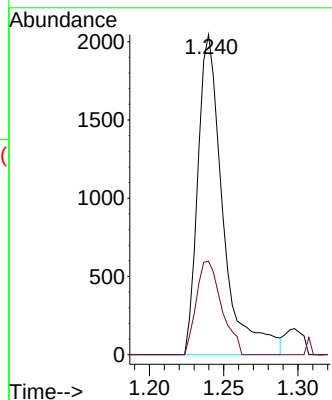
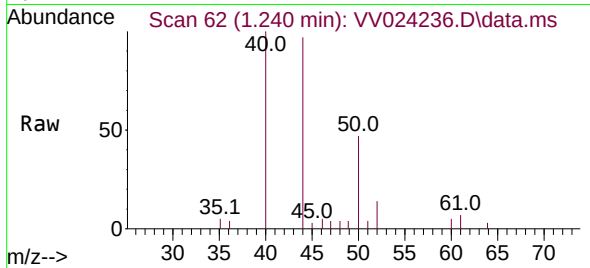




#3
Chloromethane
Concen: 0.174 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV024236.D
Acq: 30 Dec 2021 11:58

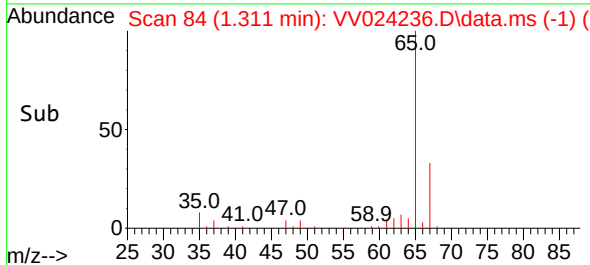
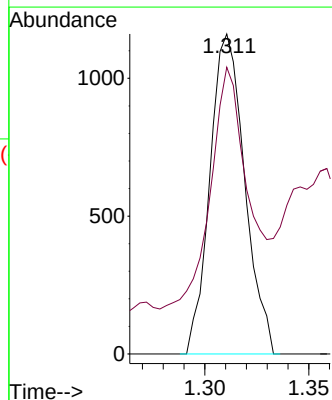
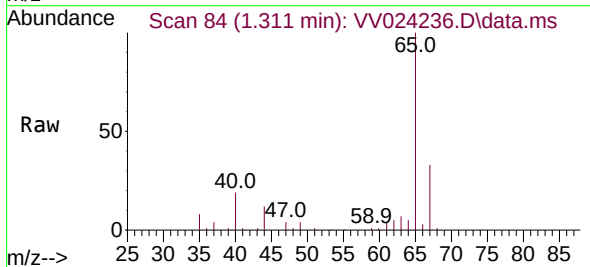
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MSVOA_V
ClientSampleId :
C0J07DL

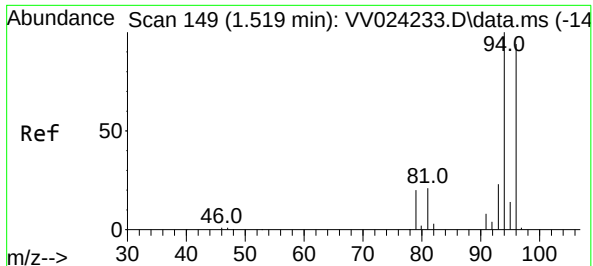
Tgt Ion: 50 Resp: 2404
Ion Ratio Lower Upper
50 100
52 29.2 22.0 41.0



#5
Vinyl chloride
Concen: 0.096 ug/L
RT: 1.311 min Scan# 84
Delta R.T. 0.003 min
Lab File: VV024236.D
Acq: 30 Dec 2021 11:58

Tgt Ion: 62 Resp: 1351
Ion Ratio Lower Upper
62 100
64 89.6 22.4 41.6#

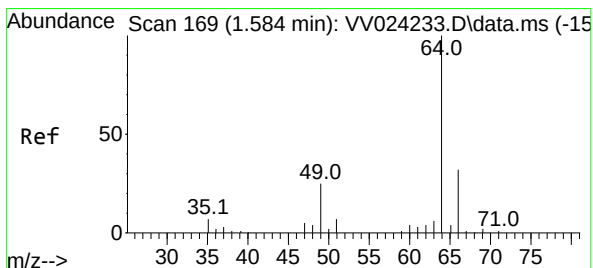
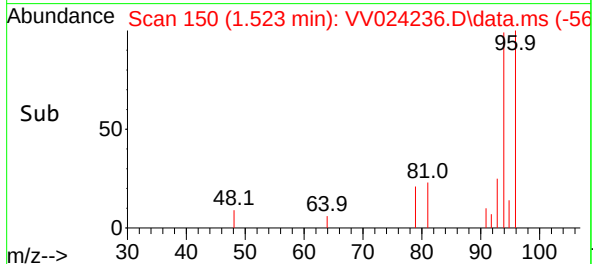
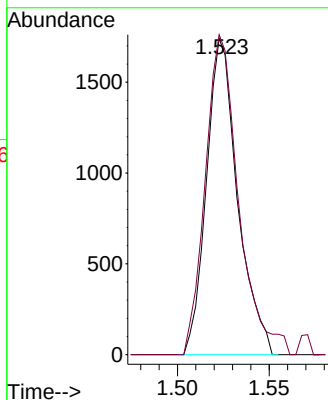
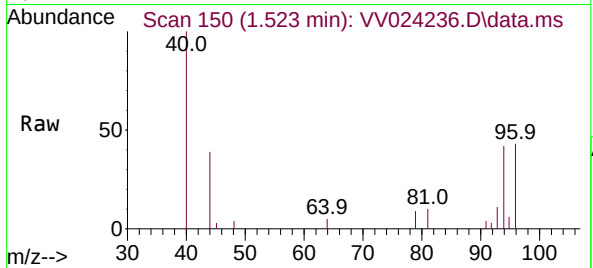




#6
Bromomethane
Concen: 0.228 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV024236.D
Acq: 30 Dec 2021 11:58

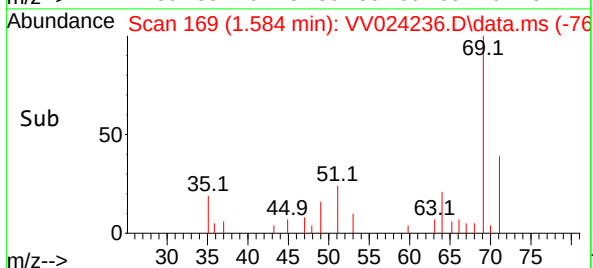
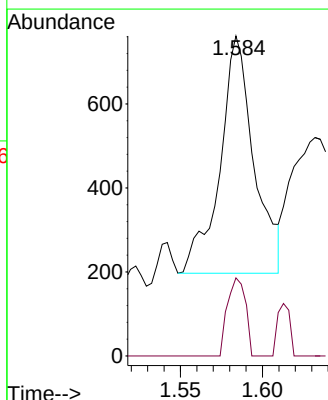
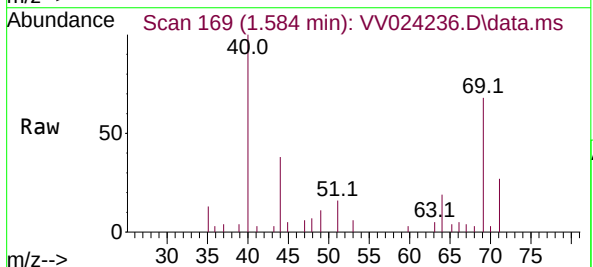
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ClientSampleId :
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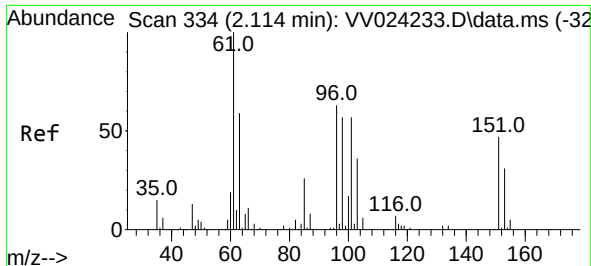
Tgt Ion: 94 Resp: 2050
Ion Ratio Lower Upper
94 100
96 101.2 66.2 123.0



#8
Chloroethane
Concen: 0.099 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV024236.D
Acq: 30 Dec 2021 11:58

Tgt Ion: 64 Resp: 815
Ion Ratio Lower Upper
64 100
66 24.4 21.4 39.8





#12

1,1-Dichloroethene

Concen: 2.585 ug/L

RT: 2.114 min Scan# 311

Delta R.T. 0.000 min

Lab File: VV024236.D

Acq: 30 Dec 2021 11:58

Instrument :

MSVOA_V

ClientSampleId :

C0J07DL

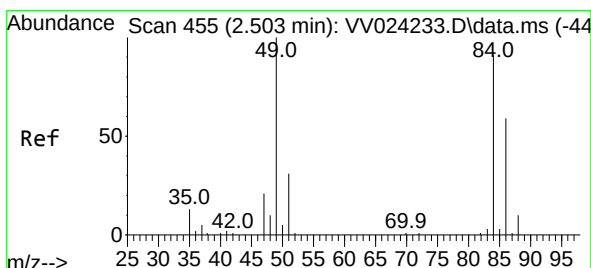
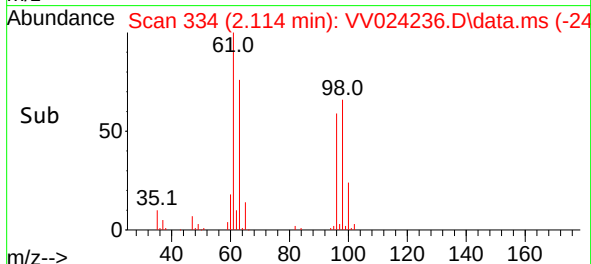
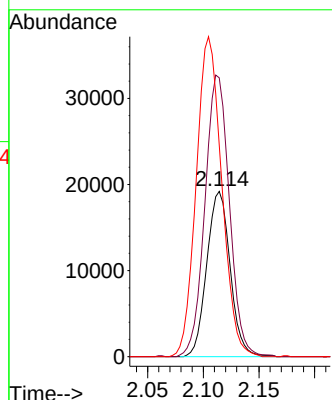
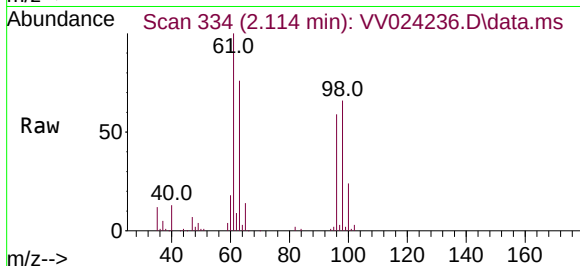
Tgt Ion: 96 Resp: 28001

Ion Ratio Lower Upper

96 100

61 168.7 116.1 215.5

63 128.1 79.4 147.4



#16

Methylene chloride

Concen: 0.580 ug/L

RT: 2.503 min Scan# 455

Delta R.T. 0.000 min

Lab File: VV024236.D

Acq: 30 Dec 2021 11:58

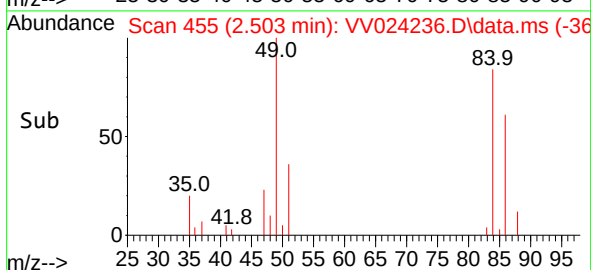
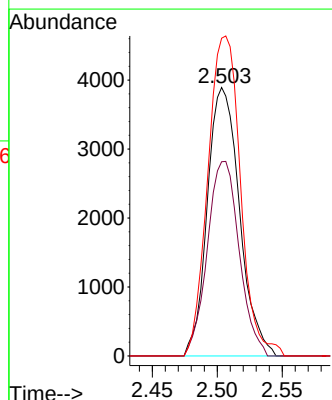
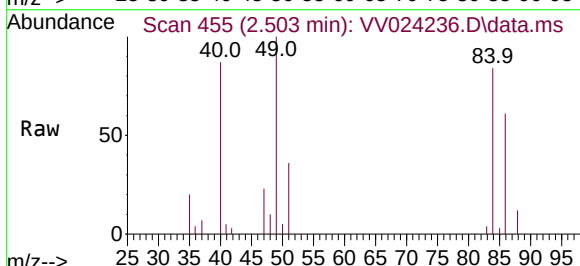
Tgt Ion: 84 Resp: 6715

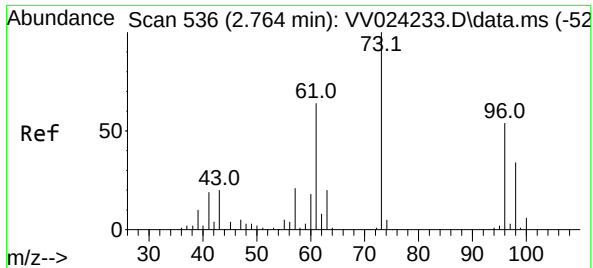
Ion Ratio Lower Upper

84 100

86 72.4 42.6 79.0

49 118.4 79.7 147.9

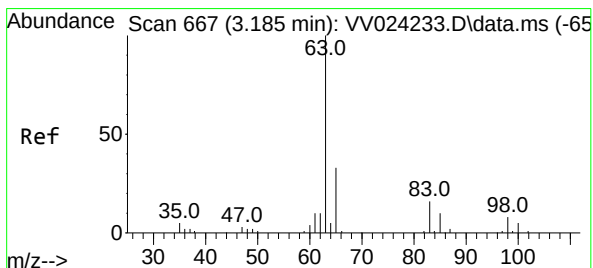
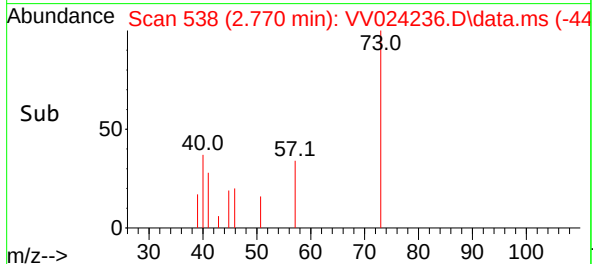
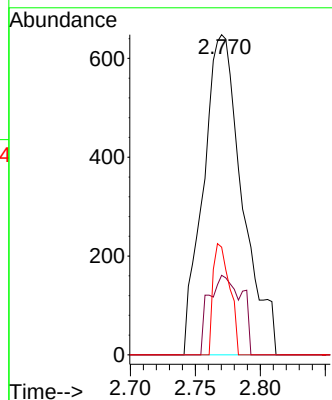
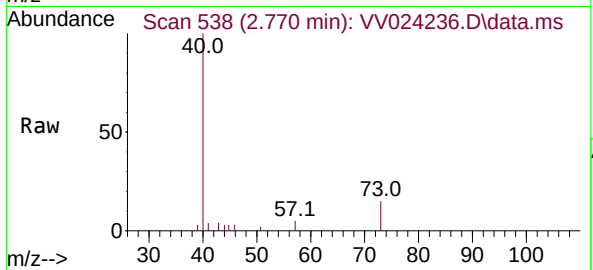




#17
Methyl tert-butyl Ether
Concen: 0.062 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.007 min
Lab File: VV024236.D
Acq: 30 Dec 2021 11:58

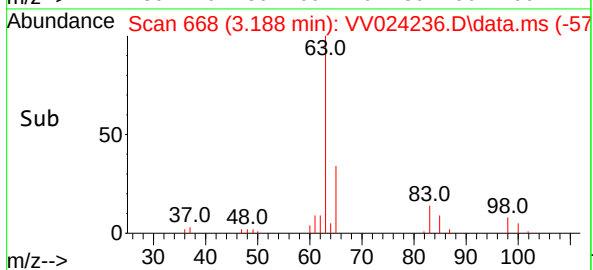
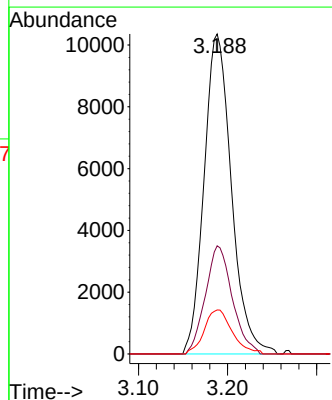
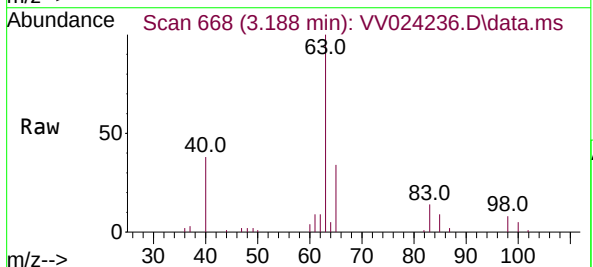
Instrument :
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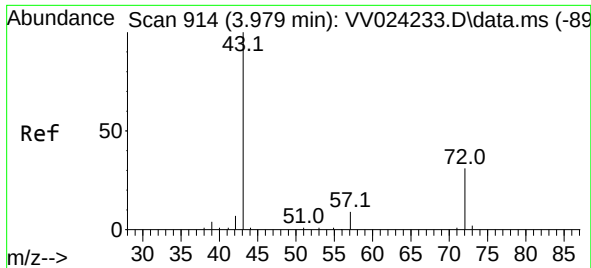
Tgt Ion: 73 Resp: 1351
Ion Ratio Lower Upper
73 100
43 20.9 15.5 23.3
57 14.7 17.1 25.7#



#19
1,1-Dichloroethane
Concen: 1.154 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.003 min
Lab File: VV024236.D
Acq: 30 Dec 2021 11:58

Tgt Ion: 63 Resp: 22104
Ion Ratio Lower Upper
63 100
65 33.8 22.3 41.3
83 13.8 10.7 19.9

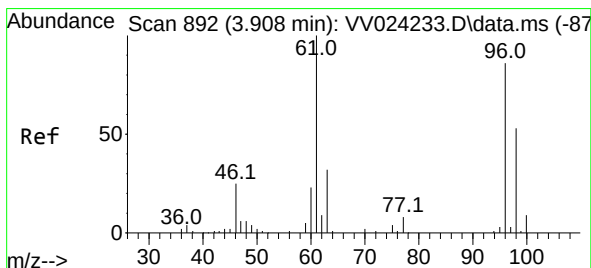
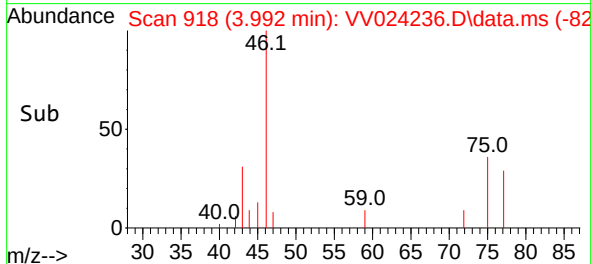
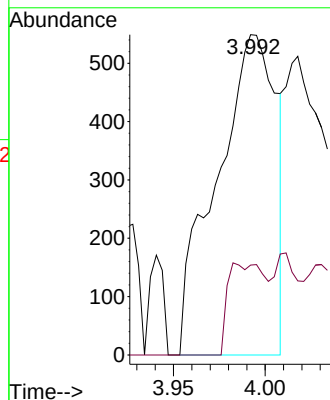
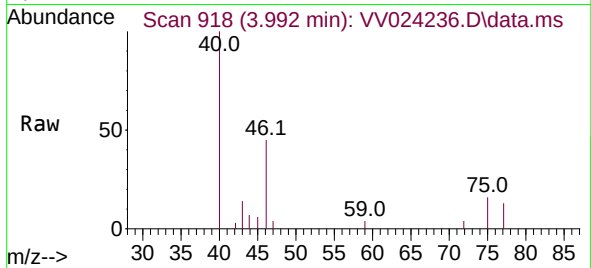




#21
2-Butanone
Concen: 1.003 ug/L
RT: 3.992 min Scan# 914
Delta R.T. 0.013 min
Lab File: VV024236.D
Acq: 30 Dec 2021 11:58

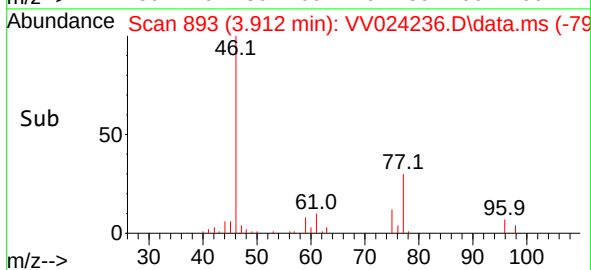
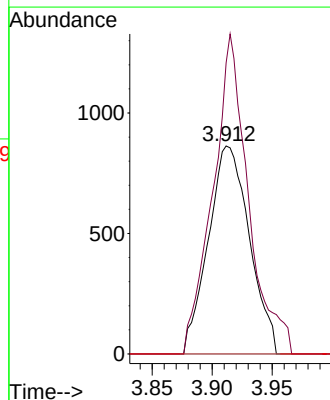
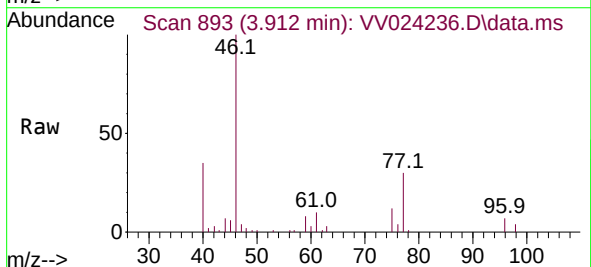
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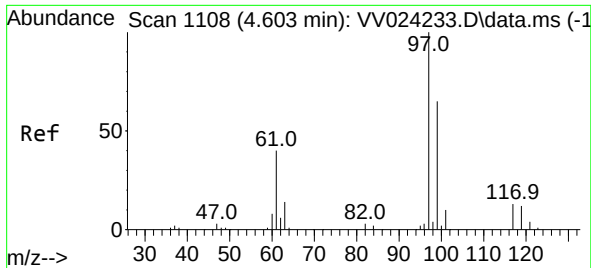
Tgt Ion: 43 Resp: 1235
Ion Ratio Lower Upper
43 100
72 9.0 11.1 33.1#



#22
cis-1,2-Dichloroethene
Concen: 0.181 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV024236.D
Acq: 30 Dec 2021 11:58

Tgt Ion: 96 Resp: 2058
Ion Ratio Lower Upper
96 100
61 140.0 83.4 154.8
68 0.0 0.0 0.0

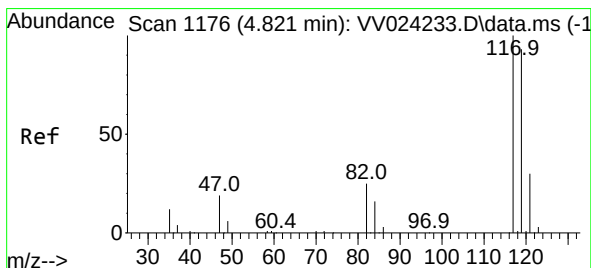
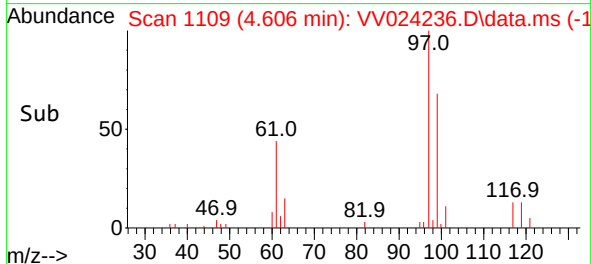
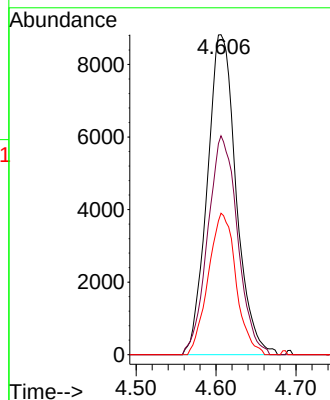
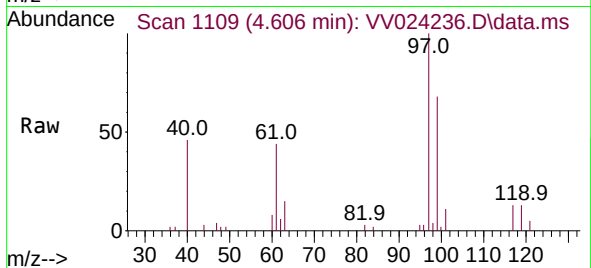




#29
1,1,1-Trichloroethane
Concen: 1.083 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. 0.003 min
Lab File: VV024236.D
Acq: 30 Dec 2021 11:58

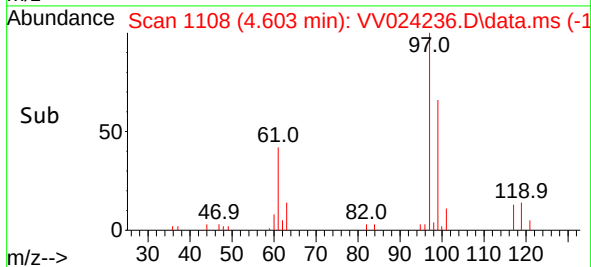
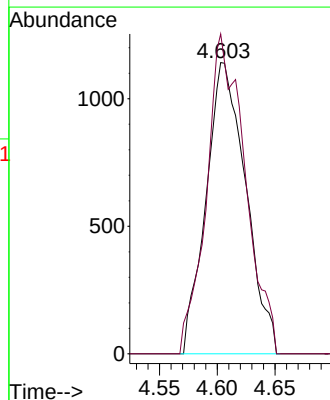
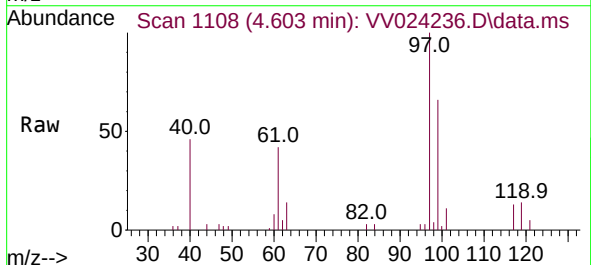
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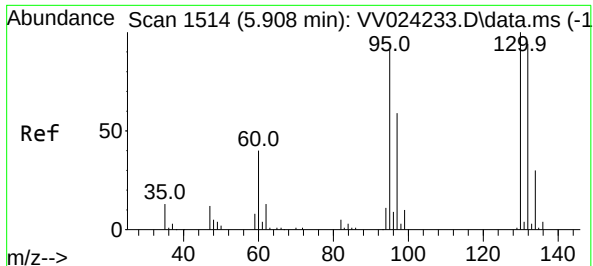
Tgt Ion: 97	Resp: 22134
Ion Ratio	Lower Upper
97 100	
99 70.6	51.9 77.9
61 42.4	33.2 49.8



#31
Carbon tetrachloride
Concen: 0.144 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. -0.218 min
Lab File: VV024236.D
Acq: 30 Dec 2021 11:58

Tgt Ion:117	Resp:	2726	
Ion	Ratio	Lower	Upper
117	100		
119	107.0	76.6	114.8

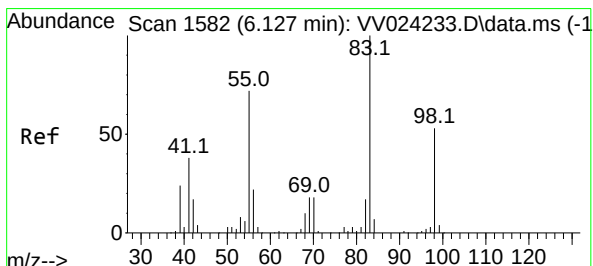
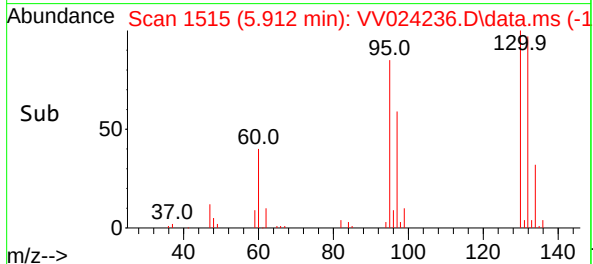
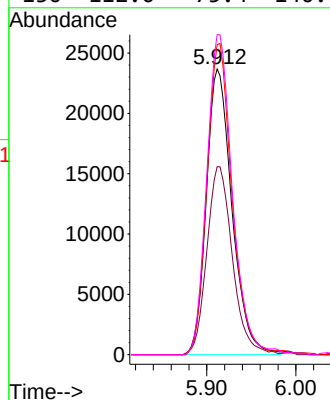
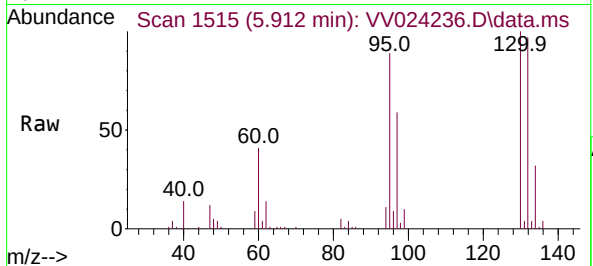




#34
Trichloroethene
Concen: 3.943 ug/L
RT: 5.912 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV024236.D
Acq: 30 Dec 2021 11:58

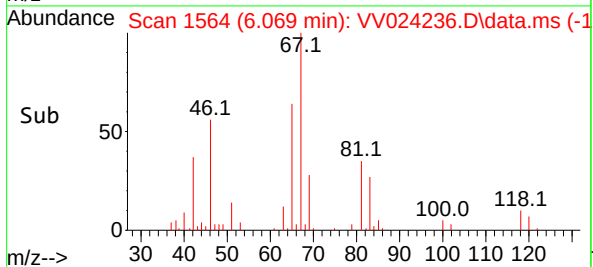
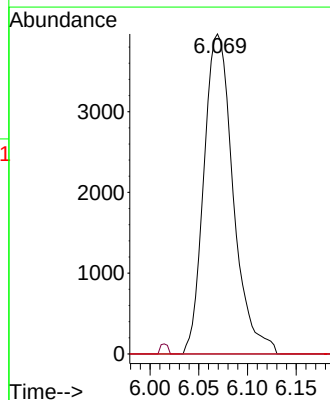
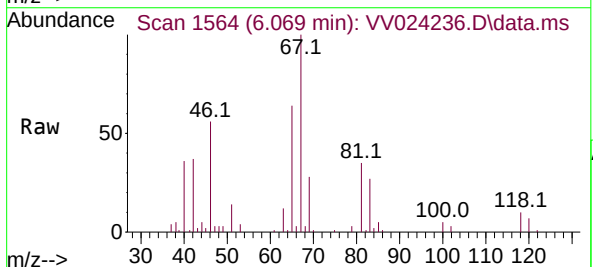
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ClientSampleId :
C0J07DL

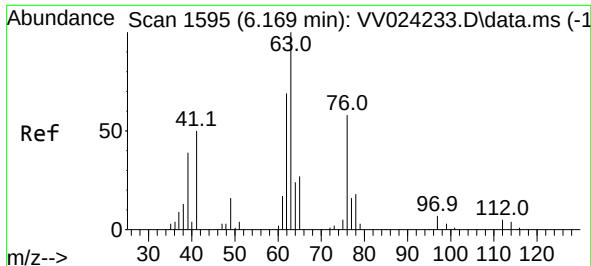
Tgt Ion: 95 Resp: 47307
Ion Ratio Lower Upper
95 100
97 65.8 45.2 84.0
132 108.4 76.1 141.3
130 112.0 75.4 140.0



#35
Methylcyclohexane
Concen: 0.478 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV024236.D
Acq: 30 Dec 2021 11:58

Tgt Ion: 83 Resp: 8302
Ion Ratio Lower Upper
83 100
55 0.8 60.2 90.2#
98 2.2 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.377 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV024236.D

Acq: 30 Dec 2021 11:58

Instrument :

MSVOA_V

ClientSampleId :

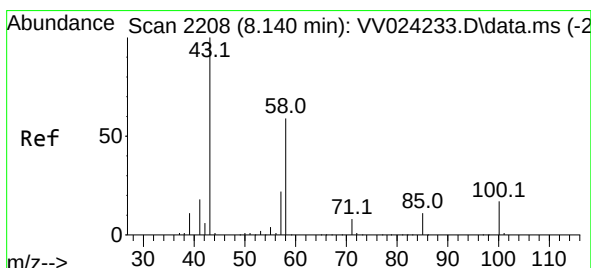
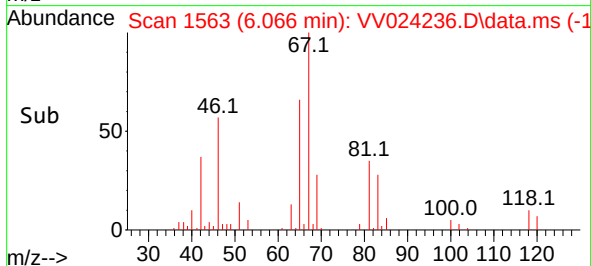
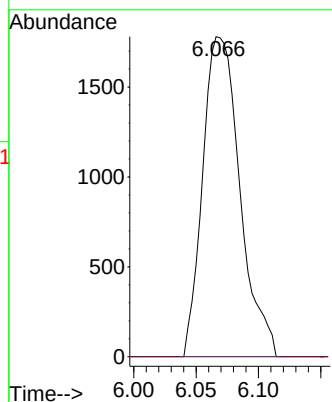
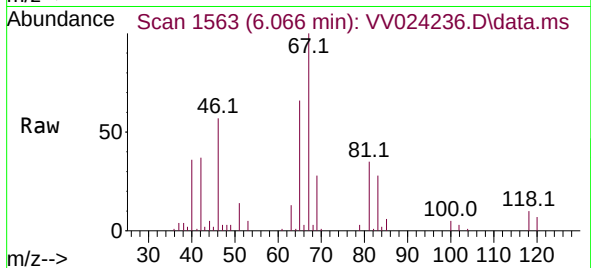
C0J07DL

Tgt Ion: 63 Resp: 3698

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#48

2-Hexanone

Concen: 2.219 ug/L

RT: 8.095 min Scan# 2194

Delta R.T. -0.045 min

Lab File: VV024236.D

Acq: 30 Dec 2021 11:58

Tgt Ion: 43 Resp: 7610

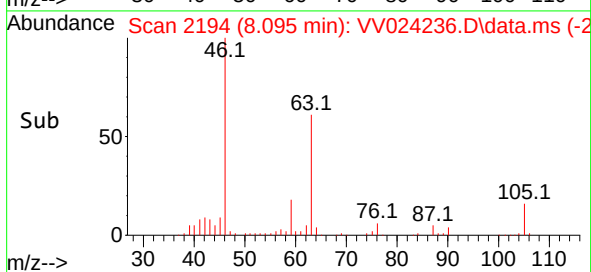
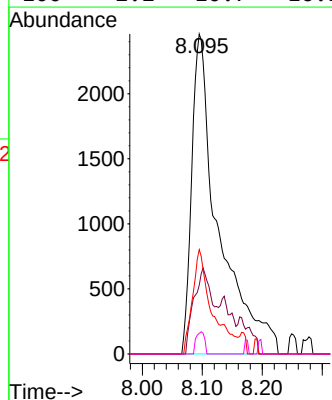
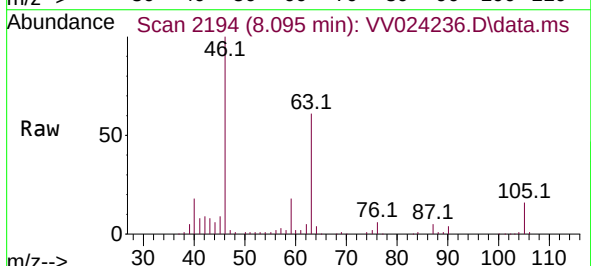
Ion Ratio Lower Upper

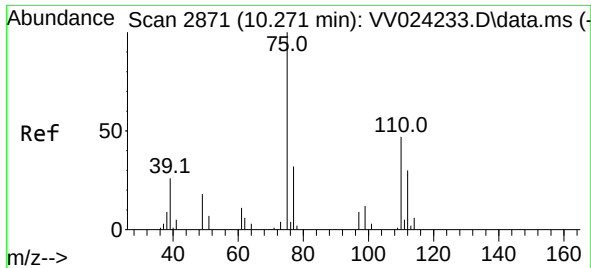
43 100

58 19.1 44.5 66.7#

57 24.1 15.1 22.7#

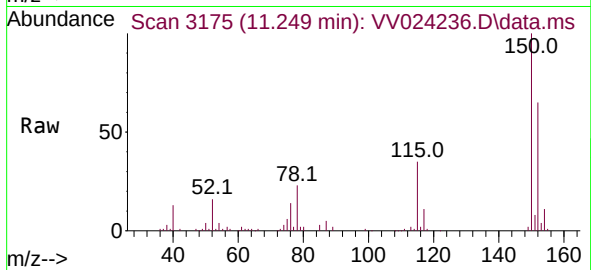
100 2.2 10.7 16.1#





#61
 1,2,3-Trichloropropane
 Concen: 0.813 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV024236.D
 Acq: 30 Dec 2021 11:58

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J07DL



Tgt Ion: 75 Resp: 4307
 Ion Ratio Lower Upper
 75 100
 77 38.8 26.4 39.6
 110 1.5 34.2 51.2#

