

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120618\
 Data File : VV008867.D
 Acq On : 06 Dec 2018 20:57
 Operator : SY/MD
 Sample : MDL02
 Misc : 5.00g/10.0 mL/MSVOA_V/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

Manual Integrations
 APPROVED

sam
 12/11/2018 4:25:43 PM

Quant Time: Dec 07 15:44:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 07 01:37:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	188633	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	163720	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	69804	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53839	27.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.32%
7) Chloroethane-d5	1.58	69	44630	30.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	123.80%
10) 1,1-Dichloroethene-d2	2.13	63	103257	21.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.64%
20) 2-Butanone-d5	3.94	46	43901	61.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.54%
24) Chloroform-d	4.40	84	119057	26.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	5.08	65	69625	28.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.56%
29) Benzene-d6	5.10	84	248372	27.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.64%
33) 1,2-Dichloropropane-d6	6.12	67	70908	27.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.80%
37) Toluene-d8	7.36	98	224017	26.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.88%
38) trans-1,3-Dichloropropene-	7.67	79	29965	26.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.56%
39) 2-Hexanone-d5	8.14	63	28096	59.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.82%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	59001	27.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.92%
61) 1,2-Dichlorobenzene-d4	11.68	152	70496	26.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.64%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	4447	1.438 ug/L	92
3) Chloromethane	1.25	50	2847	1.340 ug/L	95
5) Vinyl chloride	1.32	62	3081	1.299 ug/L #	45
6) Bromomethane	1.53	94	1742	1.527 ug/L	90
8) Chloroethane	1.60	64	2376	1.788 ug/L	90
9) Trichlorofluoromethane	1.77	101	5979	1.472 ug/L	96
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	4691	1.683 ug/L #	81
12) 1,1-Dichloroethene	2.14	96	3589	1.476 ug/L #	1
13) Acetone	2.19	43	3424	3.270 ug/L	90
14) Carbon disulfide	2.32	76	8721	1.117 ug/L	99
15) Methyl Acetate	2.46	43	1843	1.388 ug/L #	79
16) Methylene chloride	2.53	84	7939	2.499 ug/L	99
17) Methyl tert-butyl Ether	2.80	73	6977	1.263 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	3423	1.303 ug/L	84
19) 1,1-Dichloroethane	3.23	63	4893	1.149 ug/L	93
21) 2-Butanone	4.03	43	1565m	1.595 ug/L	
22) cis-1,2-Dichloroethene	3.96	96	3212	1.172 ug/L	91

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Manual Integrations
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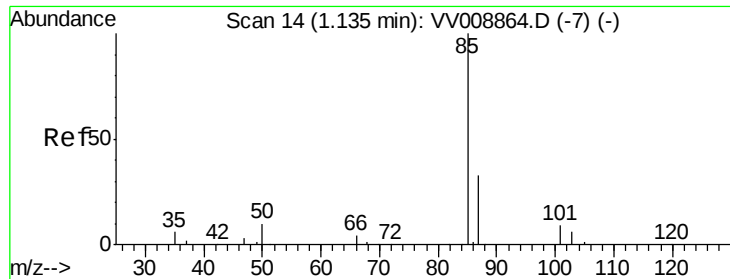
sam
 12/11/2018 4:25:43 PM

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.30	128	1598m	1.238	ug/L	
25) Chloroform	4.43	83	7923	1.733	ug/L	79
27) 1,2-Dichloroethane	5.18	62	3687	1.184	ug/L	98
30) Cyclohexane	4.73	56	4795	1.163	ug/L #	92
31) 1,1,1-Trichloroethane	4.66	97	4936	1.169	ug/L	98
32) Carbon tetrachloride	4.88	117	4171	1.082	ug/L	93
34) Benzene	5.15	78	11365	1.159	ug/L	100
35) Trichloroethene	5.96	95	3807	1.287	ug/L	96
36) Methylcyclohexane	6.18	83	6031	1.279	ug/L	94
40) 1,2-Dichloropropane	6.22	63	2801	1.190	ug/L #	90
41) Bromodichloromethane	6.56	83	3445	1.110	ug/L #	99
42) cis-1,3-Dichloropropene	7.07	75	4027m	1.168	ug/L	
43) 4-Methyl-2-pentanone	7.28	43	5339	3.355	ug/L #	80
44) Toluene	7.43	91	13380	1.301	ug/L	99
45) trans-1,3-Dichloropropene	7.69	75	3321	1.105	ug/L	100
46) 1,1,2-Trichloroethane	7.88	97	2536	1.293	ug/L	94
47) Tetrachloroethene	8.02	164	2717	1.130	ug/L	92
49) 2-Hexanone	8.18	43	4444	3.376	ug/L #	91
50) Dibromochloromethane	8.30	129	2612	1.162	ug/L	95
51) 1,2-Dibromoethane	8.40	107	2362	1.199	ug/L #	94
52) Chlorobenzene	8.93	112	8323	1.243	ug/L	97
53) Ethylbenzene	9.06	91	12568	1.126	ug/L	95
54) m,p-Xylene	9.18	106	4708	1.114	ug/L	92
55) o-xylene	9.59	106	4655	1.186	ug/L	92
56) Styrene	9.61	104	6247	0.986	ug/L	96
57) Isopropylbenzene	9.97	105	11508	1.079	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.29	83	2992	1.411	ug/L #	93
59) 1,2,3-Trichloropropane	10.32	75	2349	1.280	ug/L	96
62) Bromoform	9.78	173	1382	1.097	ug/L #	95
63) 1,3-Dichlorobenzene	11.23	146	5451	1.212	ug/L	98
64) 1,4-Dichlorobenzene	11.32	146	6280	1.357	ug/L	93
65) 1,2-Dichlorobenzene	11.69	146	5657	1.364	ug/L	94
66) 1,2-Dibromo-3-chloropropan	12.48	75	402m	1.183	ug/L	
67) 1,3,5-Trichlorobenzene	12.69	180	3782	1.164	ug/L	97
68) 1,2,4-trichlorobenzene	13.32	180	2039	0.896	ug/L	97
69) Naphthalene	13.56	128	3417	0.871	ug/L #	86
70) 1,2,3-Trichlorobenzene	13.80	180	2216	1.054	ug/L	98

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



#2

Dichlorodifluoromethane

Concen: 1.438 ug/L

RT: 1.14 min Scan# 14

Delta R.T. 0.00 min

Lab File: VV008867.D

Acq: 06 Dec 2018 20:57

Instrument :

MSVOA_V

ClientSampleId :

MDL02

Tgt Ion: 85 Resp: 4447

Ion Ratio Lower Upper

85 100

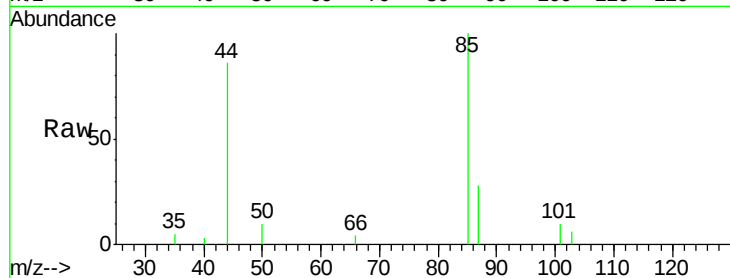
87 27.7 22.4 41.6

Manual Integrations

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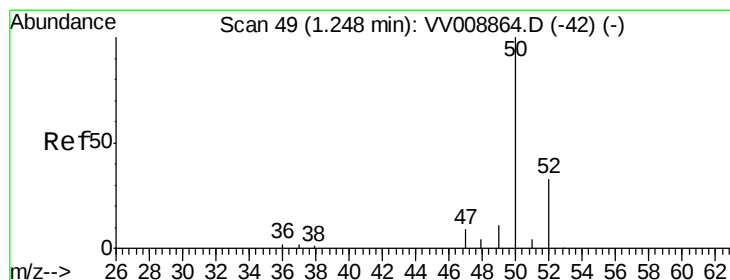
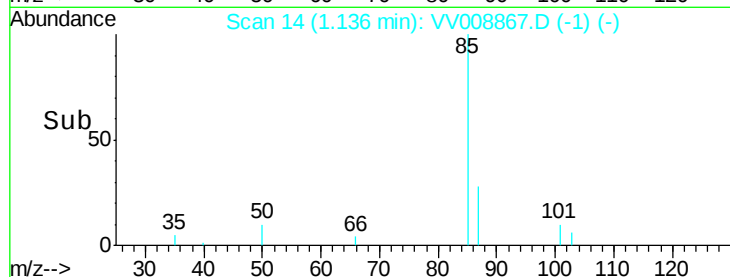
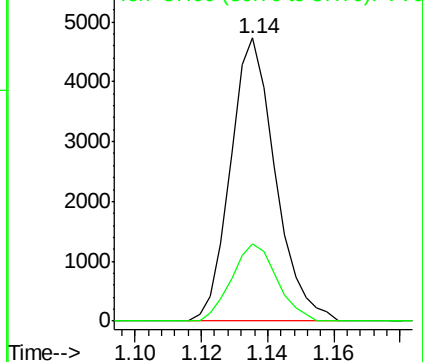
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Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#3

Chloromethane

Concen: 1.340 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV008867.D

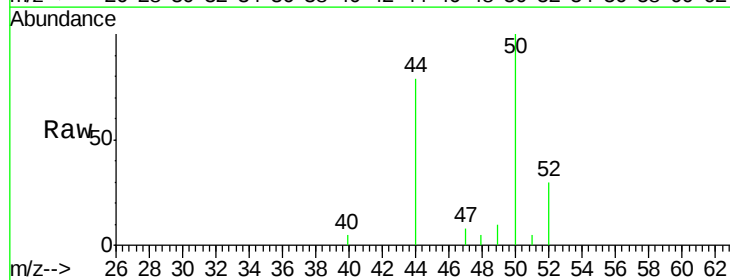
Acq: 06 Dec 2018 20:57

Tgt Ion: 50 Resp: 2847

Ion Ratio Lower Upper

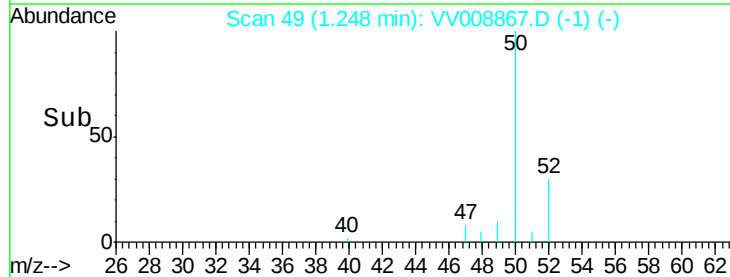
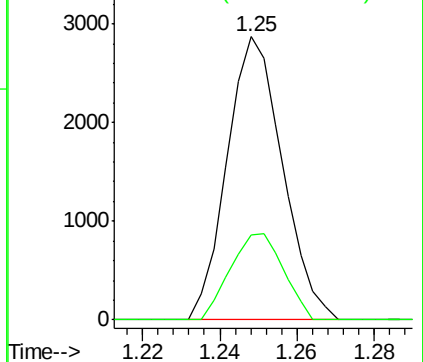
50 100

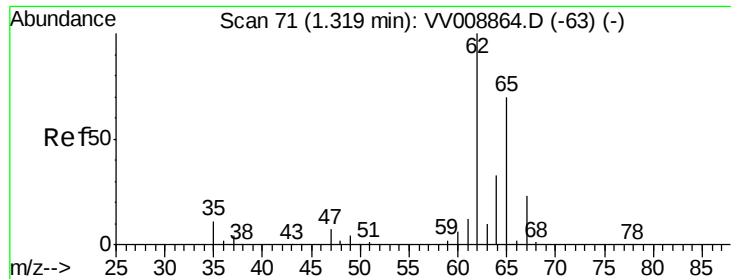
52 30.1 23.2 43.2



Abundance Ion 50.00 (49.70 to 50.70): VV0

Ion 52.00 (51.70 to 52.70): VV0





#5

Vinyl chloride

Concen: 1.299 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV008867.D

Acq: 06 Dec 2018 20:57

Instrument :

MSVOA_V

ClientSampleId :

MDL02

Tgt Ion: 62 Resp: 3081

Ion Ratio Lower Upper

62 100

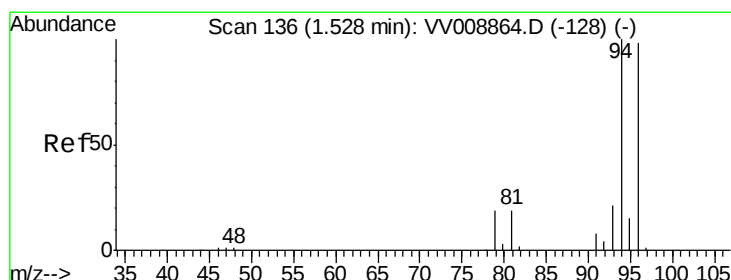
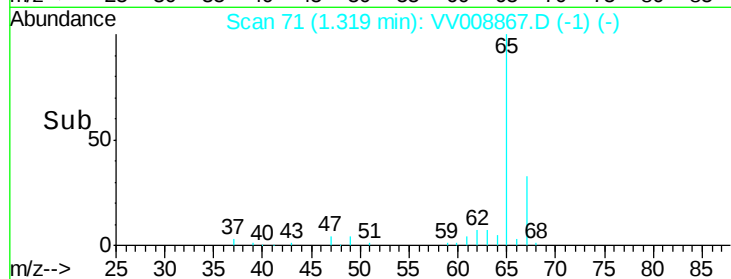
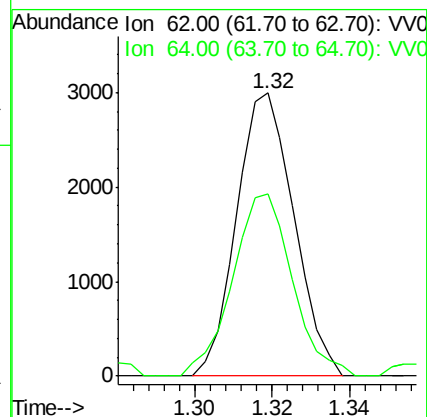
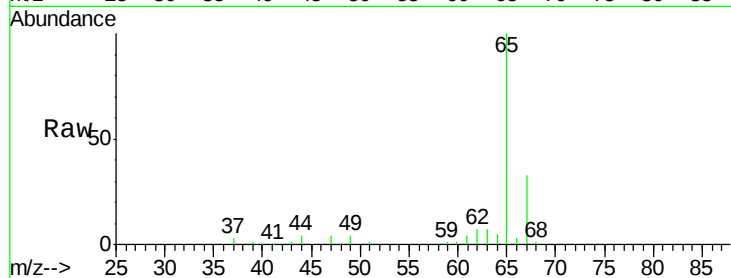
64 64.5 23.3 43.3#

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#6

Bromomethane

Concen: 1.527 ug/L

RT: 1.53 min Scan# 136

Delta R.T. 0.00 min

Lab File: VV008867.D

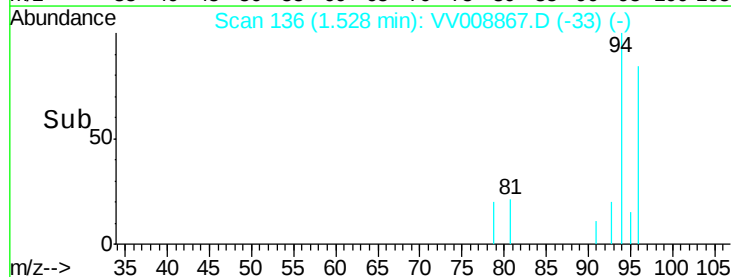
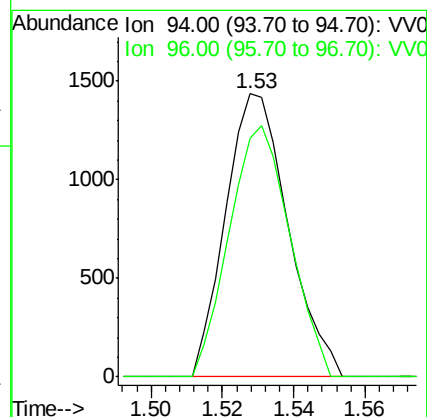
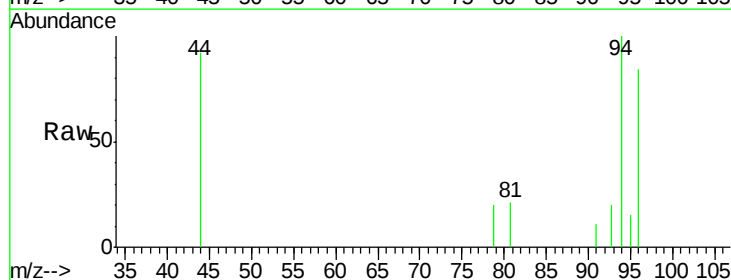
Acq: 06 Dec 2018 20:57

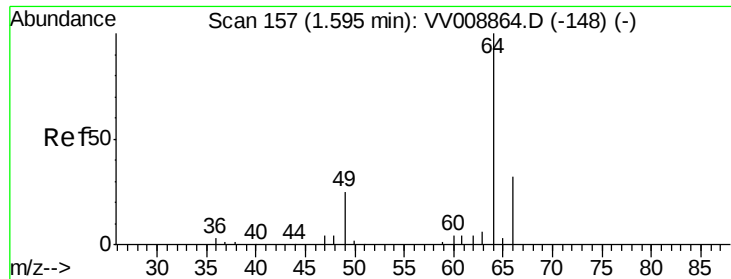
Tgt Ion: 94 Resp: 1742

Ion Ratio Lower Upper

94 100

96 85.8 9.5 180.9





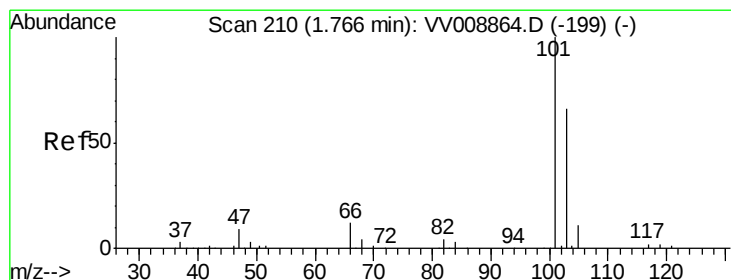
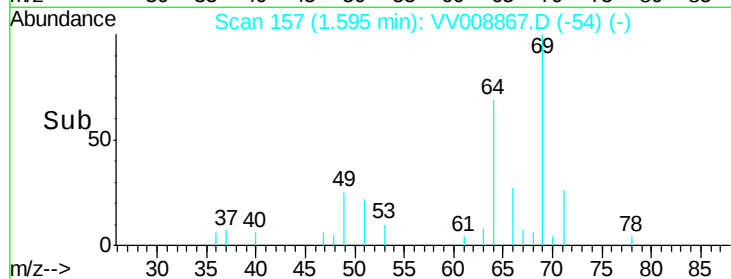
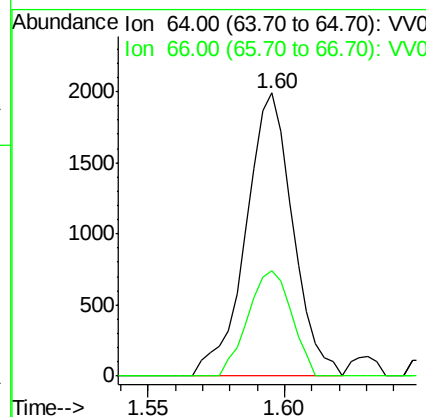
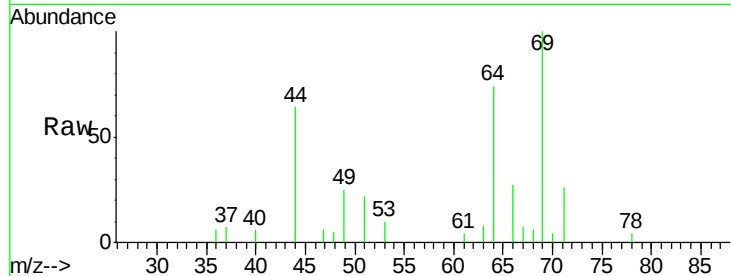
#8
Chloroethane
Concen: 1.788 ug/L
RT: 1.60 min Scan# 157
Delta R.T. 0.00 min
Lab File: VV008867.D
Acq: 06 Dec 2018 20:57

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion: 64 Resp: 2376
Ion Ratio Lower Upper
64 100
66 37.1 22.2 41.2

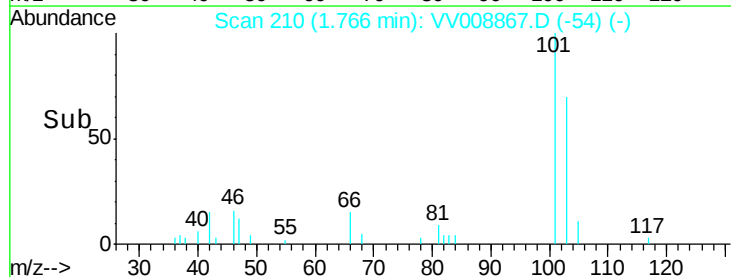
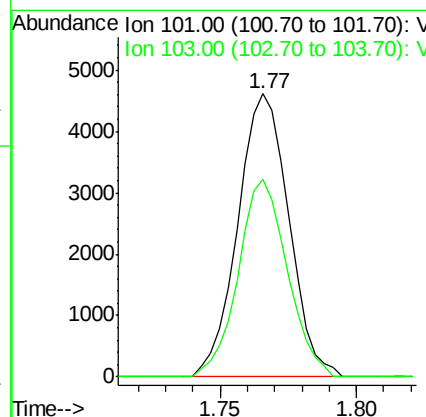
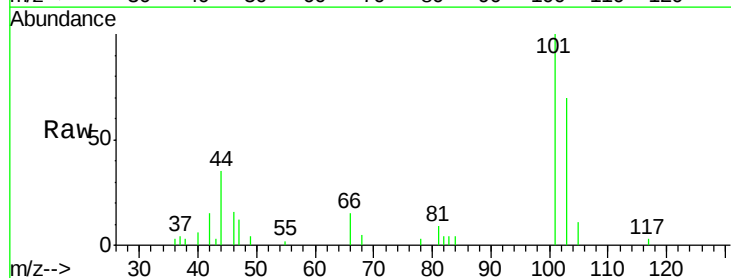
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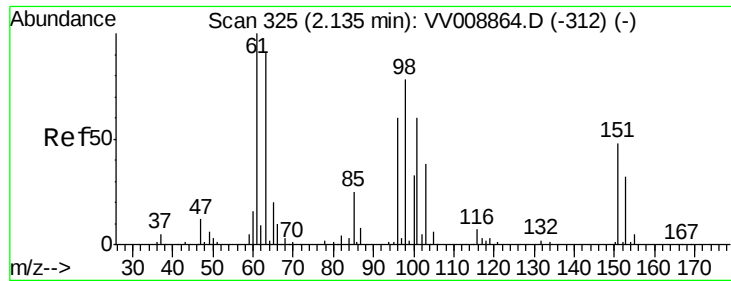
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#9
Trichlorofluoromethane
Concen: 1.472 ug/L
RT: 1.77 min Scan# 210
Delta R.T. 0.00 min
Lab File: VV008867.D
Acq: 06 Dec 2018 20:57

Tgt Ion: 101 Resp: 5979
Ion Ratio Lower Upper
101 100
103 66.9 44.8 83.2





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.683 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV008867.D

Acq: 06 Dec 2018 20:57

Instrument :

MSVOA_V

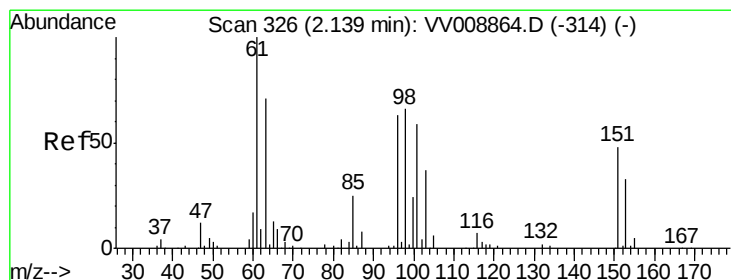
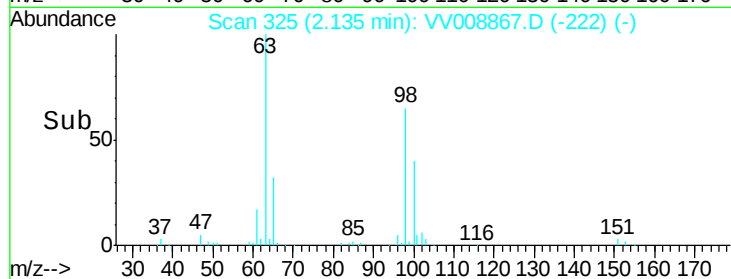
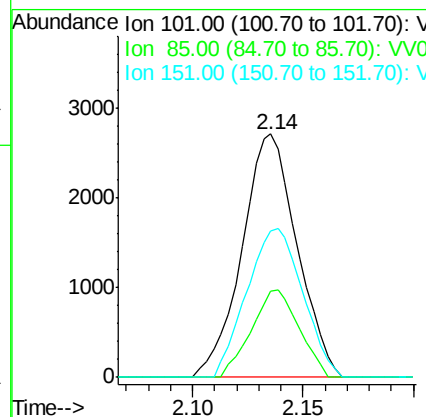
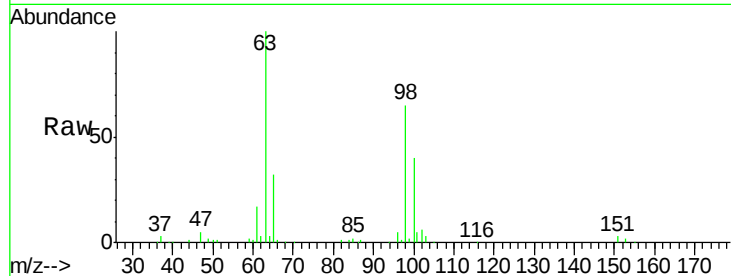
ClientSampleId :

MDL02

Tgt Ion:	101	Resp:	4691
Ion Ratio	Lower	Upper	
101	100		
85	30.9	32.5	48.7#
151	62.0	64.2	96.4#

Manual Integrations
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#12

1,1-Dichloroethene

Concen: 1.476 ug/L

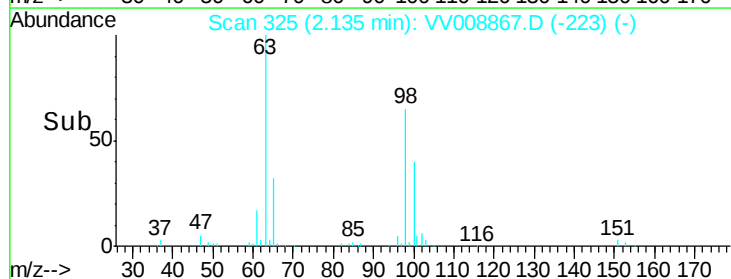
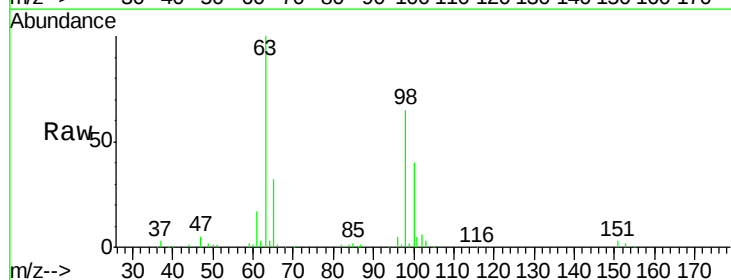
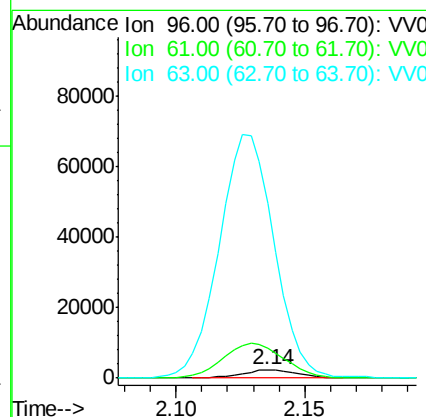
RT: 2.14 min Scan# 325

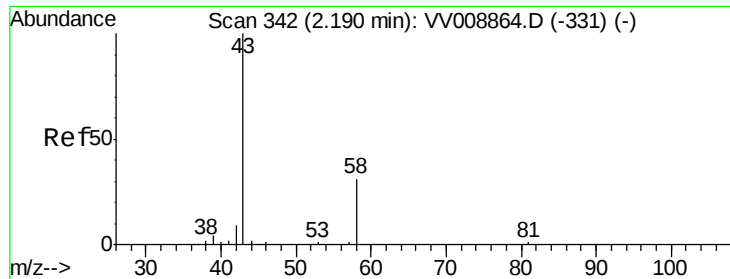
Delta R.T. -0.00 min

Lab File: VV008867.D

Acq: 06 Dec 2018 20:57

Tgt Ion:	96	Resp:	3589
Ion Ratio	Lower	Upper	
96	100		
61	365.4	114.0	211.6#
63	2095.1	82.4	153.0#





#13

Acetone

Concen: 3.270 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV008867.D

Acq: 06 Dec 2018 20:57

Instrument :

MSVOA_V

ClientSampled :

MDL02

Tgt Ion: 43 Resp: 3424

Ion Ratio Lower Upper

43 100

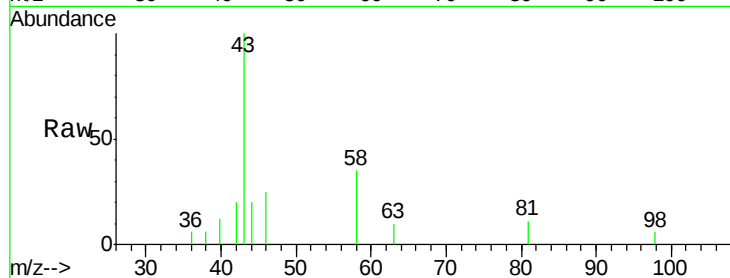
58 27.1 0.0 65.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VV008864.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV008864.D (-331) (-)

2000

1500

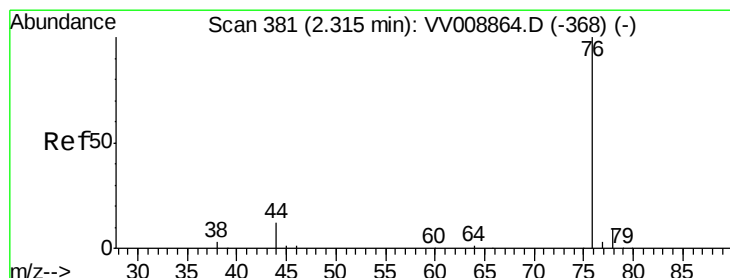
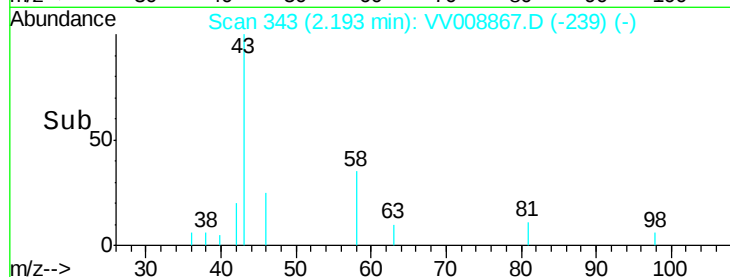
1000

500

0

2.15 2.20 2.25

Time-->



#14

Carbon disulfide

Concen: 1.117 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV008867.D

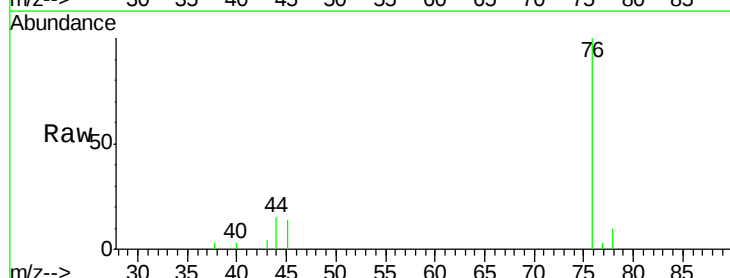
Acq: 06 Dec 2018 20:57

Tgt Ion: 76 Resp: 8721

Ion Ratio Lower Upper

76 100

78 9.7 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VV008864.D (-368) (-)

Ion 78.00 (77.70 to 78.70): VV008864.D (-368) (-)

6000

5000

4000

3000

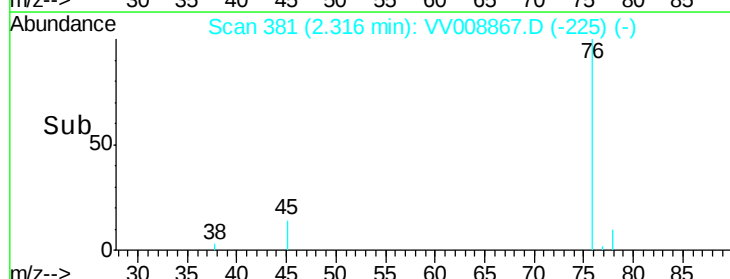
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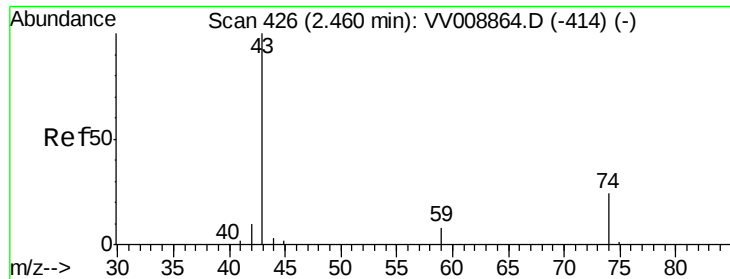
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0

2.30 2.35

Time-->





#15

Methyl Acetate

Concen: 1.388 ug/L

RT: 2.46 min Scan# 427

Delta R.T. 0.00 min

Lab File: VV008867.D

Acq: 06 Dec 2018 20:57

Instrument :

MSVOA_V

ClientSampled :

MDL02

Tgt Ion: 43 Resp: 1843

Ion Ratio Lower Upper

43 100

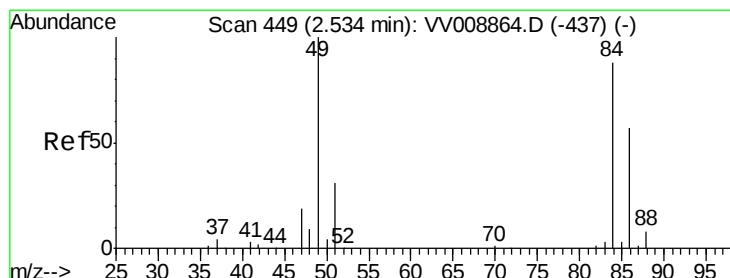
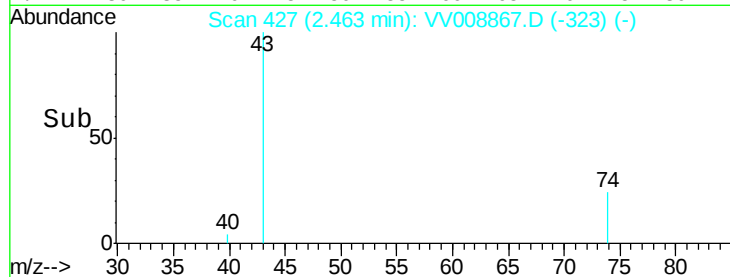
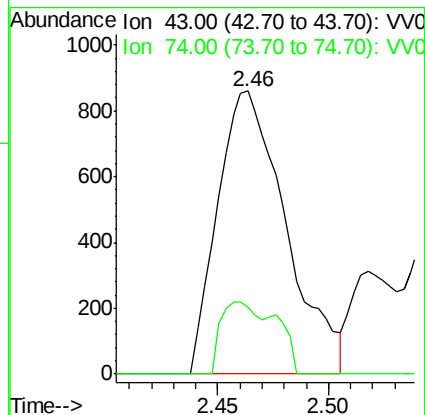
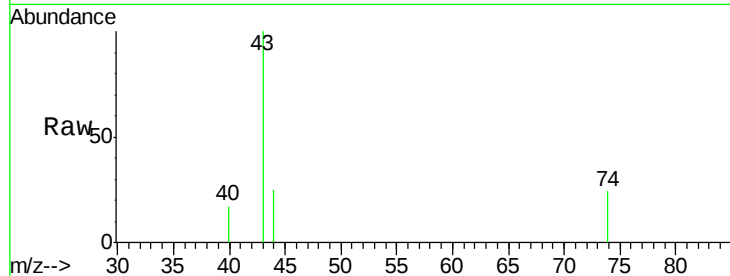
74 14.1 19.7 29.5#

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#16

Methylene chloride

Concen: 2.499 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV008867.D

Acq: 06 Dec 2018 20:57

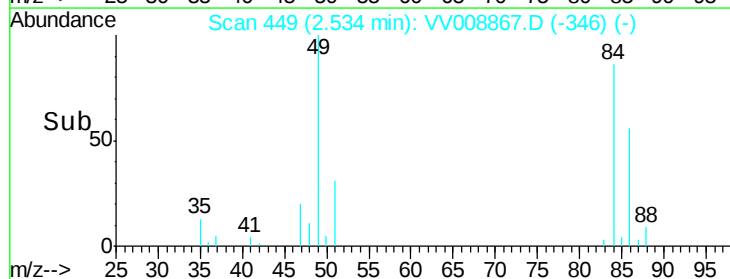
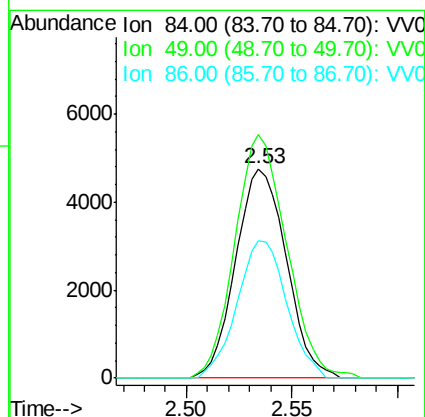
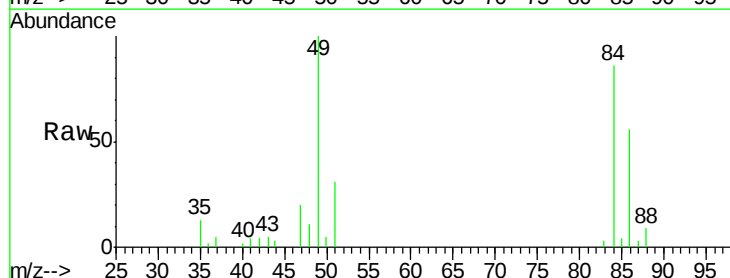
Tgt Ion: 84 Resp: 7939

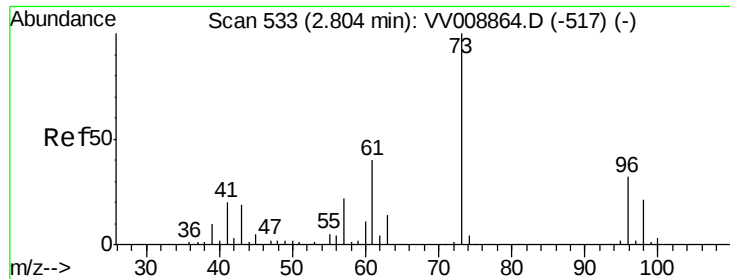
Ion Ratio Lower Upper

84 100

49 116.4 80.5 149.5

86 65.5 45.5 84.5





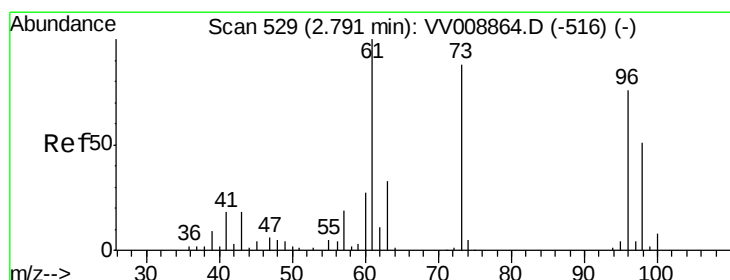
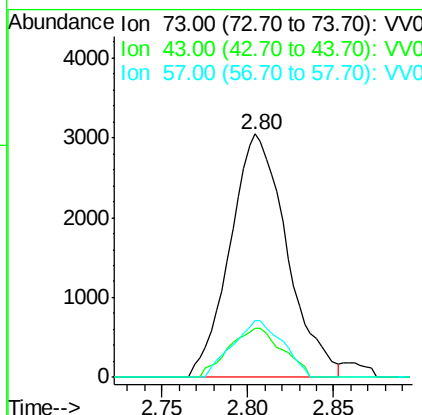
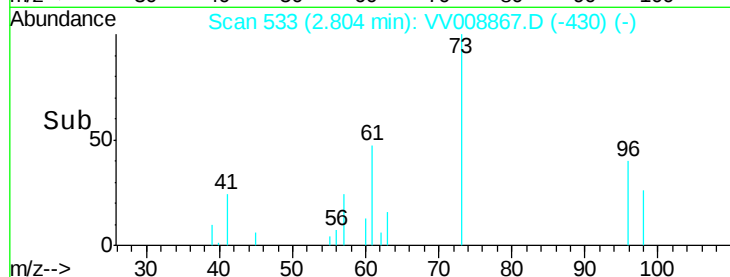
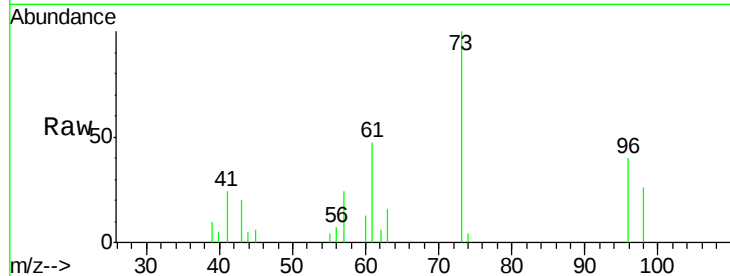
#17
Methyl tert-butyl Ether
Concen: 1.263 ug/L
RT: 2.80 min Scan# 533
Delta R.T. 0.00 min
Lab File: VV008867.D
Acq: 06 Dec 2018 20:57

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion:	73	Resp:	6977
Ion	Ratio	Lower	Upper
73	100		
43	18.9	14.9	22.3
57	20.6	16.0	24.0

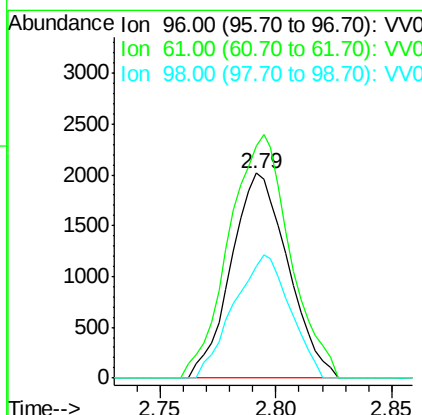
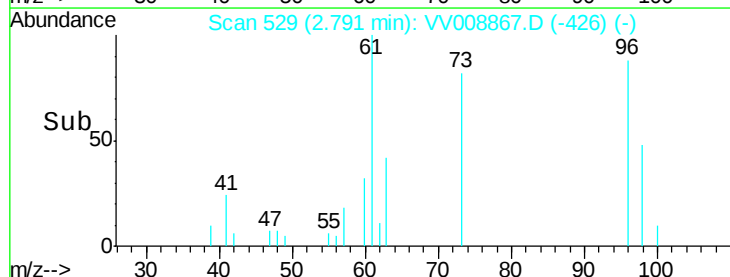
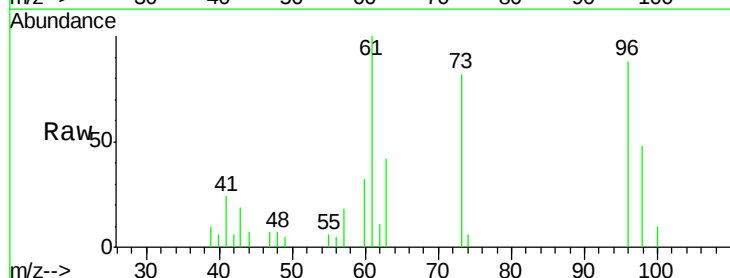
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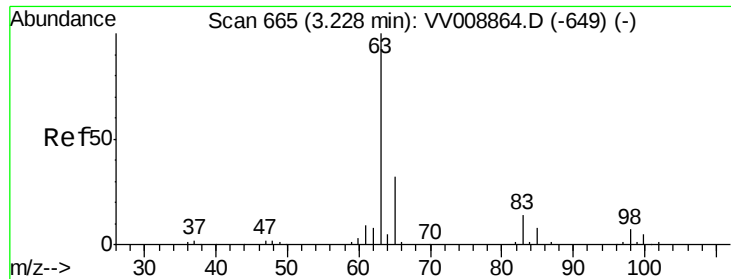
sam
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#18
trans-1,2-Dichloroethene
Concen: 1.303 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV008867.D
Acq: 06 Dec 2018 20:57

Tgt Ion:	96	Resp:	3423
Ion	Ratio	Lower	Upper
96	100		
61	113.4	94.6	175.8
98	54.7	45.3	84.1





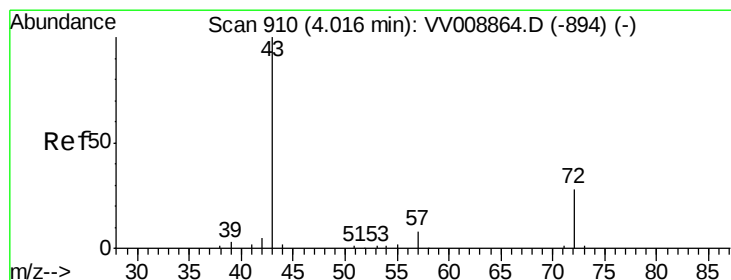
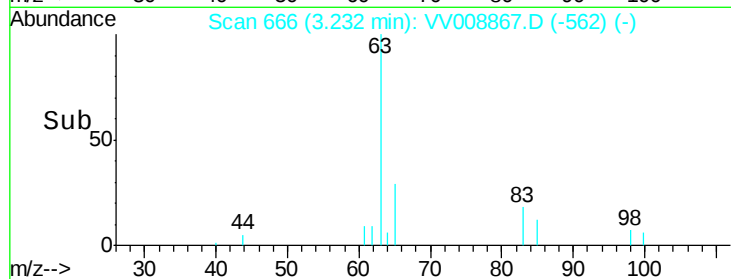
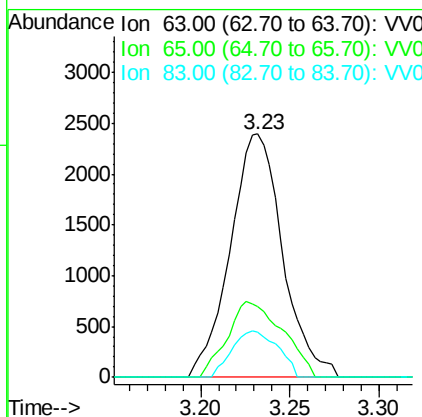
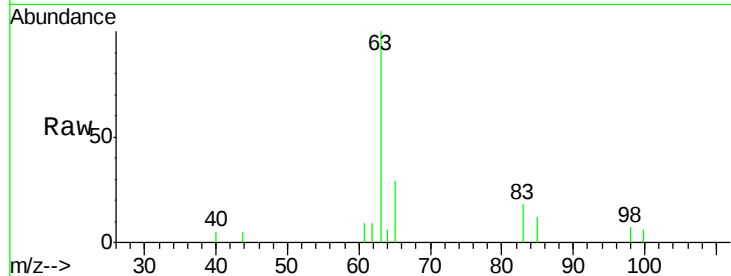
#19
 1,1-Dichloroethane
 Concen: 1.149 ug/L
 RT: 3.23 min Scan# 666
 Delta R.T. 0.00 min
 Lab File: VV008867.D
 Acq: 06 Dec 2018 20:57

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

Tgt Ion: 63 Resp: 4893
 Ion Ratio Lower Upper
 63 100
 65 29.2 22.7 42.1
 83 18.3 10.2 19.0

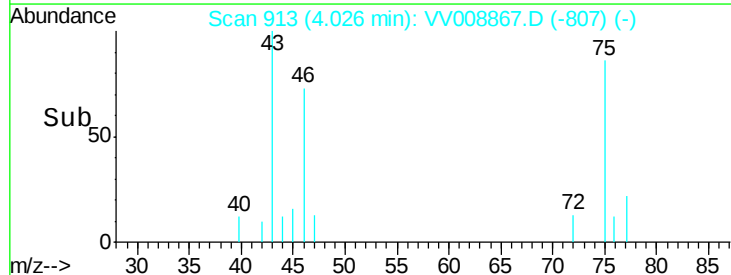
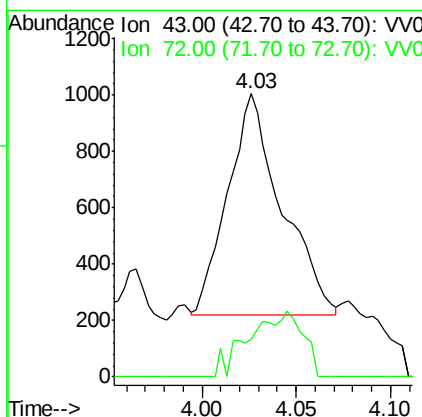
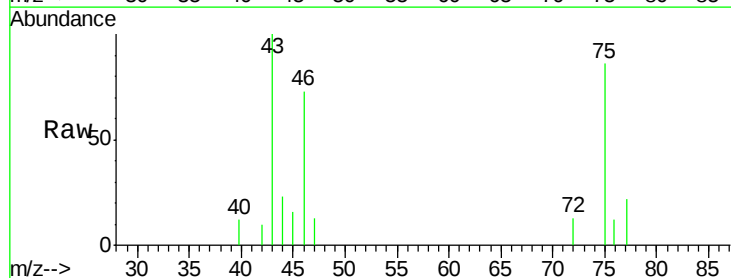
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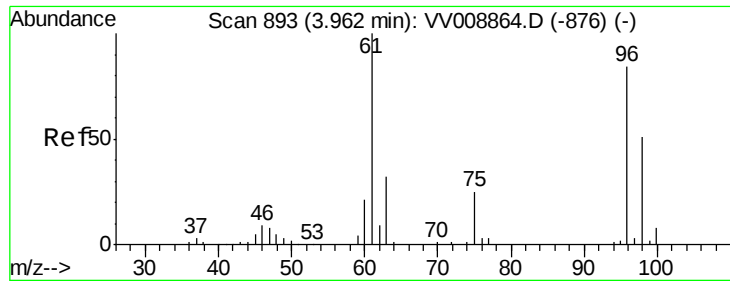
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#21
 2-Butanone
 Concen: 1.595 ug/L m
 RT: 4.03 min Scan# 913
 Delta R.T. 0.01 min
 Lab File: VV008867.D
 Acq: 06 Dec 2018 20:57

Tgt Ion: 43 Resp: 1565
 Ion Ratio Lower Upper
 43 100
 72 1.3 13.7 41.1#





#22

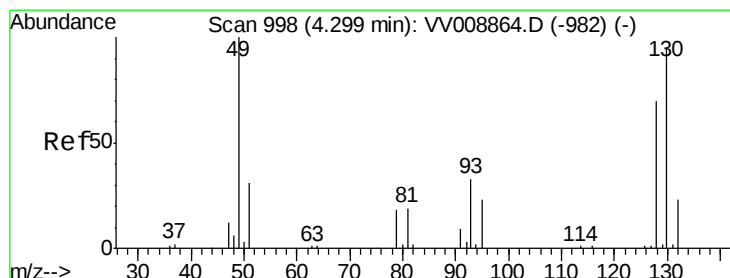
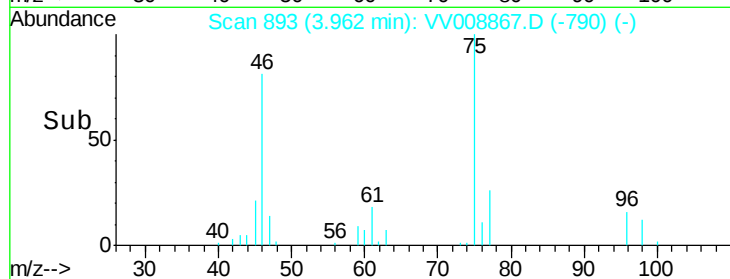
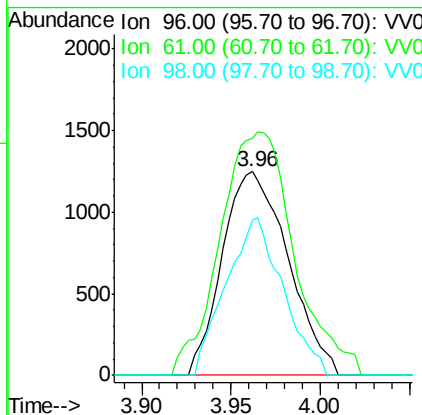
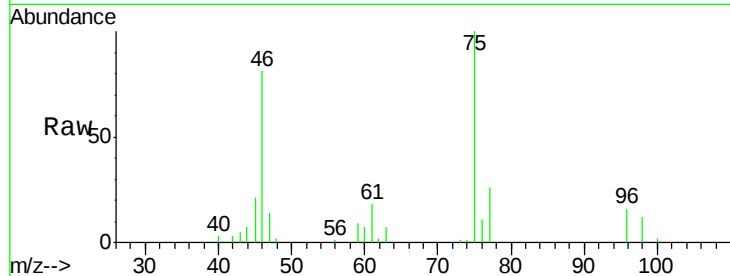
cis-1,2-Dichloroethene
Concen: 1.172 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV008867.D
Acq: 06 Dec 2018 20:57

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	116.7	86.2	160.0
98	76.4	45.6	84.6

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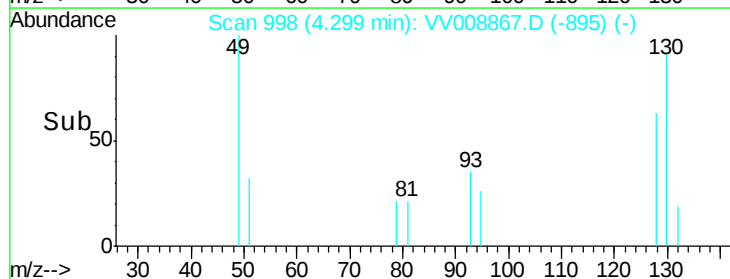
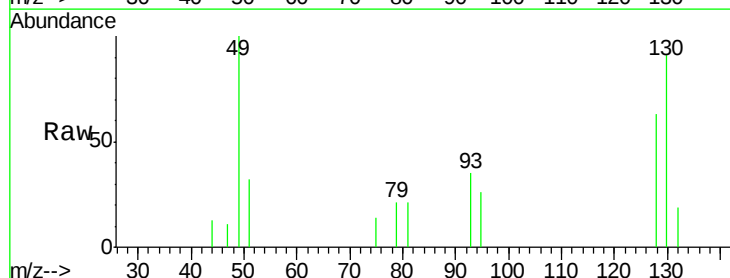
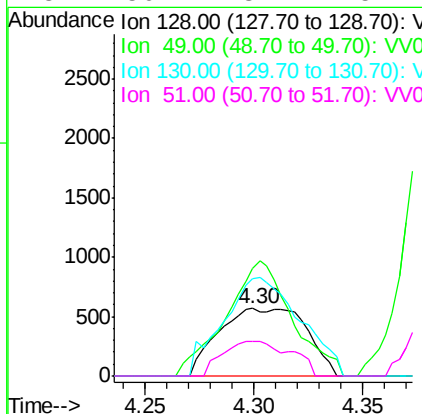
sam
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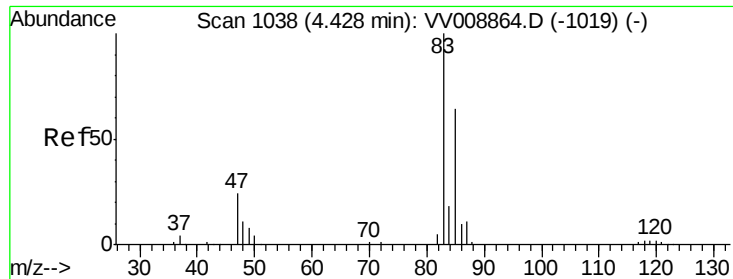


#23

Bromochloromethane
Concen: 1.238 ug/L m
RT: 4.30 min Scan# 998
Delta R.T. 0.00 min
Lab File: VV008867.D
Acq: 06 Dec 2018 20:57

Tgt Ion	Ratio	Lower	Upper
128	100		
49	158.8	93.8	174.2
130	144.0	90.4	168.0
51	50.1	34.2	51.4





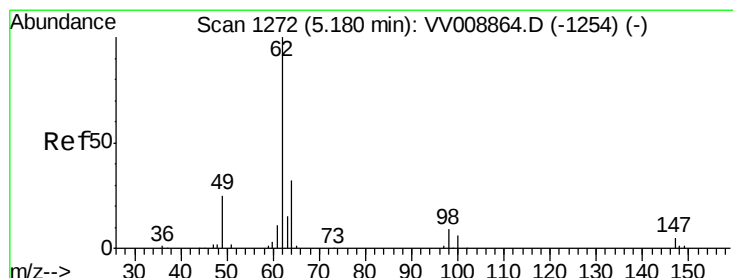
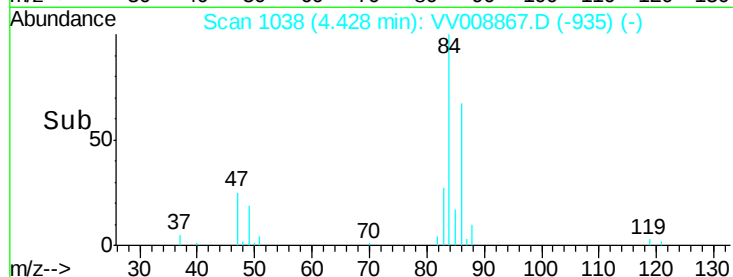
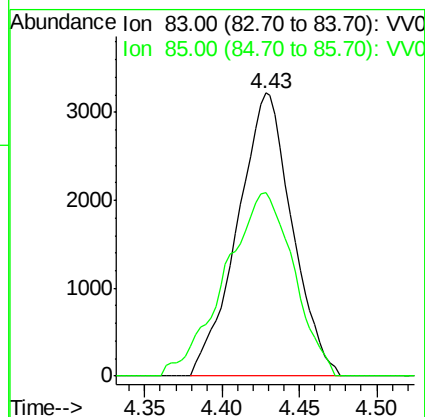
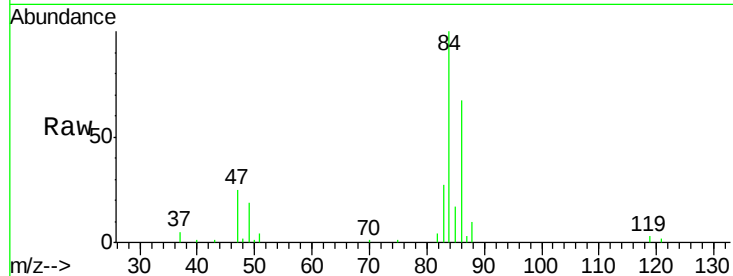
#25
Chloroform
Concen: 1.733 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV008867.D
Acq: 06 Dec 2018 20:57

Instrument :
MSVOA_V
ClientSampled :
MDL02

Tgt Ion: 83 Resp: 7923
Ion Ratio Lower Upper
83 100
85 81.5 45.6 84.8

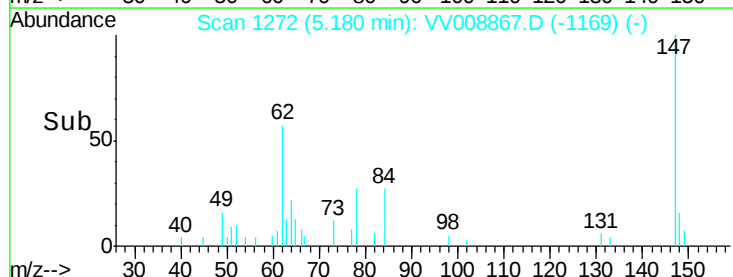
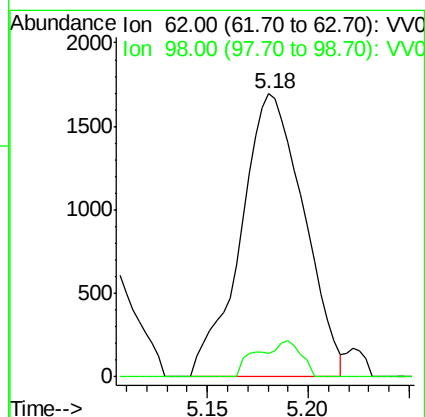
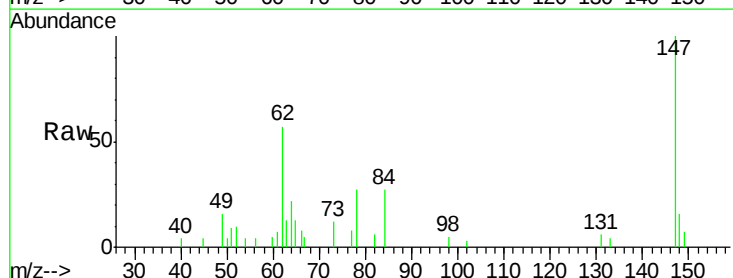
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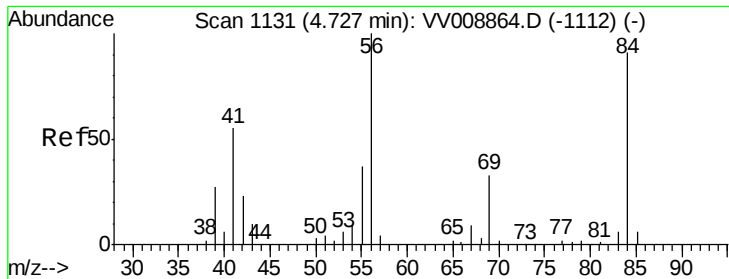
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#27
1,2-Dichloroethane
Concen: 1.184 ug/L
RT: 5.18 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VV008867.D
Acq: 06 Dec 2018 20:57

Tgt Ion: 62 Resp: 3687
Ion Ratio Lower Upper
62 100
98 8.3 7.4 11.0





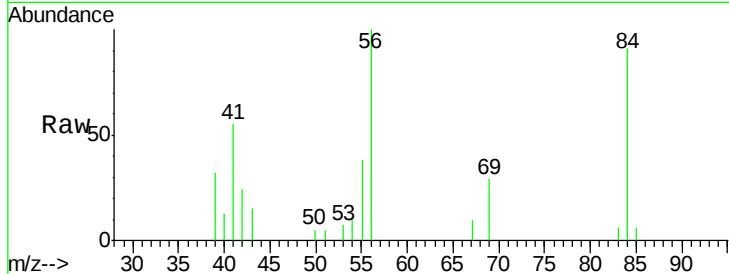
#30
Cyclohexane
Concen: 1.163 ug/L
RT: 4.73 min Scan# 1131
Delta R.T. 0.00 min
Lab File: VV008867.D
Acq: 06 Dec 2018 20:57

Instrument :
MSVOA_V
ClientSampled :
MDL02

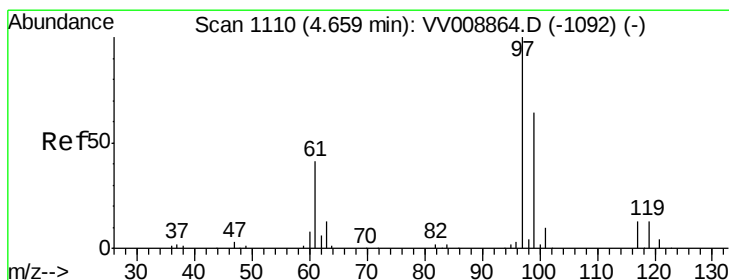
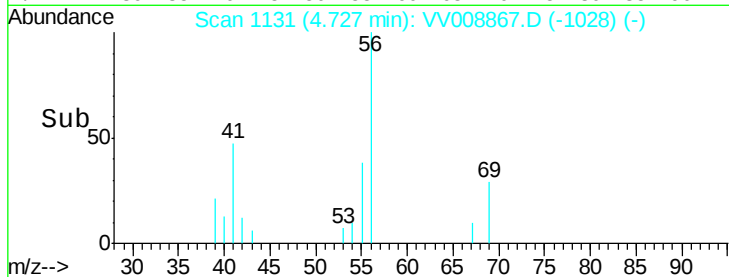
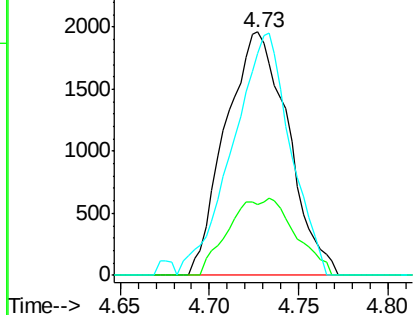
Tgt Ion: 56 Resp: 4795
Ion Ratio Lower Upper
56 100
69 16.1 25.8 38.8#
84 91.9 73.0 109.6

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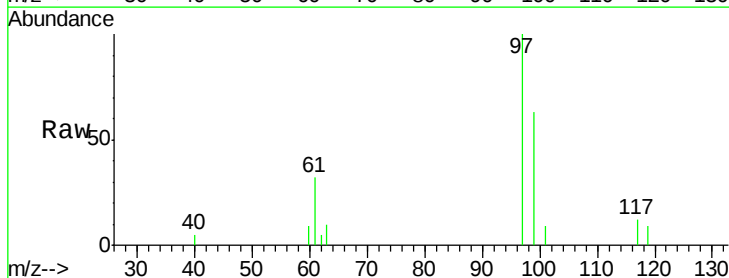


Abundance Ion 56.00 (55.70 to 56.70): VV0
Ion 69.00 (68.70 to 69.70): VV0
Ion 84.00 (83.70 to 84.70): VV0

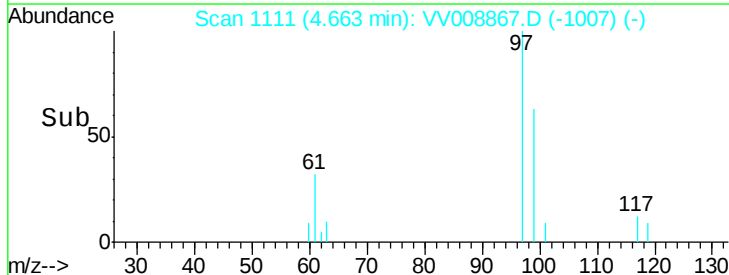
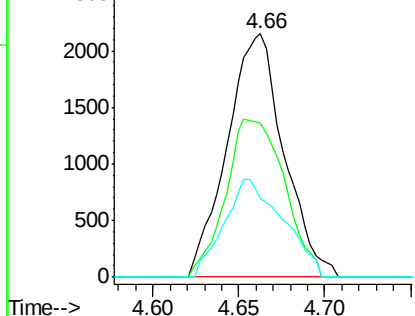


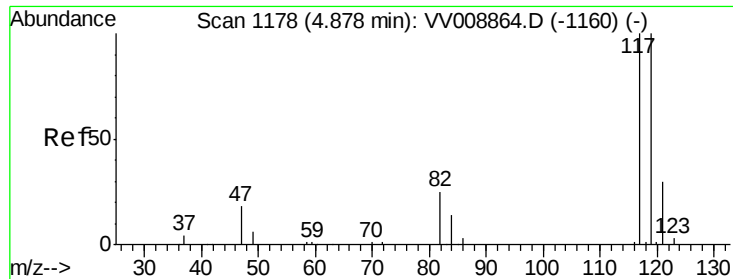
#31
1,1,1-Trichloroethane
Concen: 1.169 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VV008867.D
Acq: 06 Dec 2018 20:57

Tgt Ion: 97 Resp: 4936
Ion Ratio Lower Upper
97 100
99 66.9 51.9 77.9
61 41.4 33.1 49.7



Abundance Ion 97.00 (96.70 to 97.70): VV0
Ion 99.00 (98.70 to 99.70): VV0
Ion 61.00 (60.70 to 61.70): VV0





#32

Carbon tetrachloride

Concen: 1.082 ug/L

RT: 4.88 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VV008867.D

Acq: 06 Dec 2018 20:57

Instrument :

MSVOA_V

ClientSampleId :

MDL02

Tgt Ion:117 Resp: 4171

Ion Ratio Lower Upper

117 100

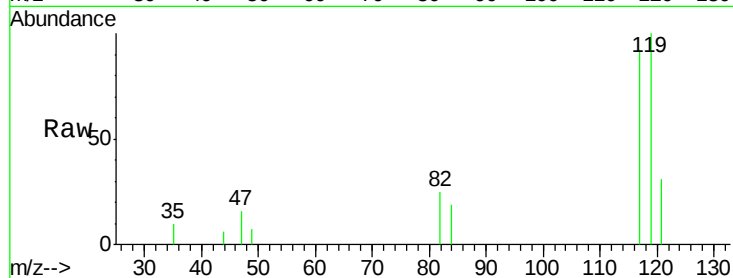
119 103.5 77.1 115.7

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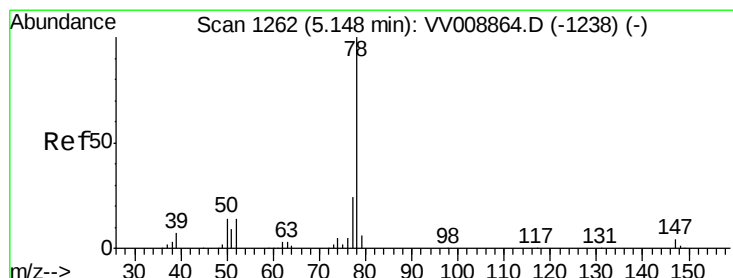
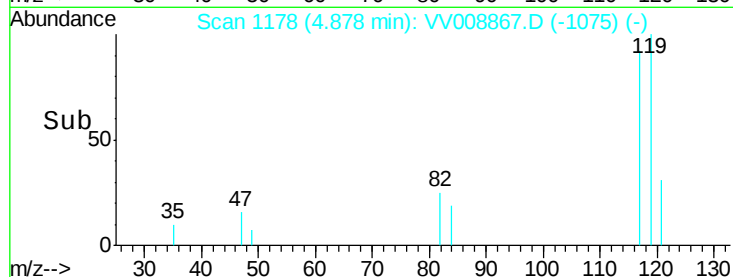
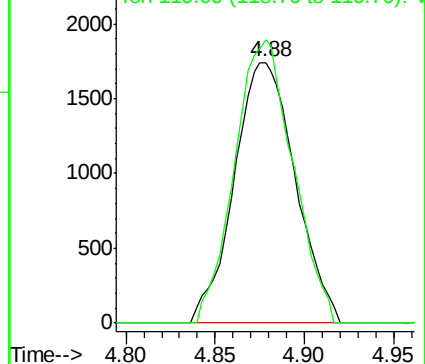
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Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Benzene

Concen: 1.159 ug/L

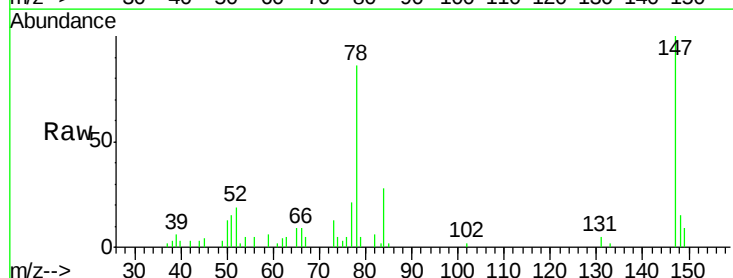
RT: 5.15 min Scan# 1263

Delta R.T. 0.00 min

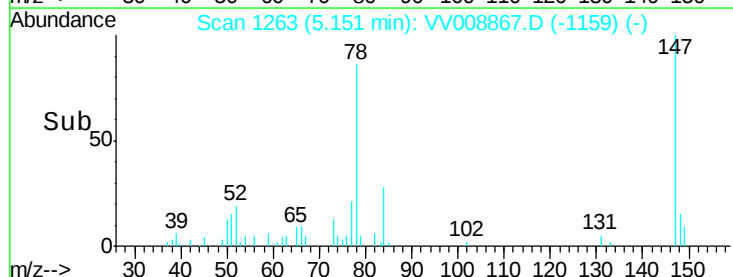
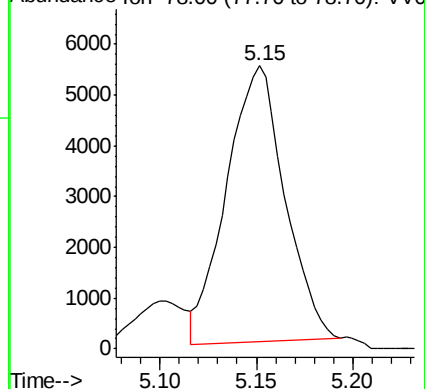
Lab File: VV008867.D

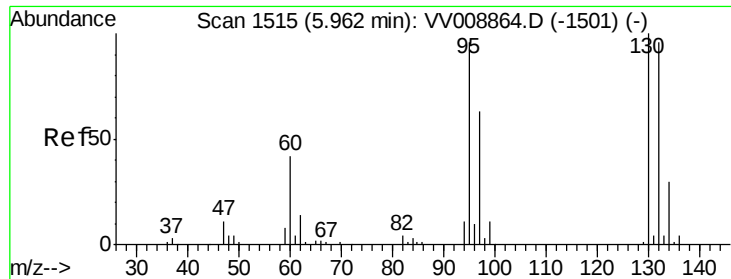
Acq: 06 Dec 2018 20:57

Tgt Ion: 78 Resp: 11365



Abundance Ion 78.00 (77.70 to 78.70): VV0





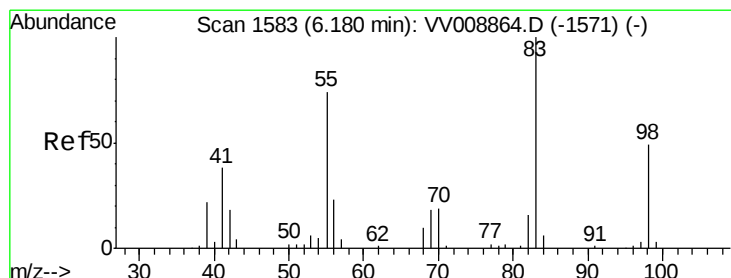
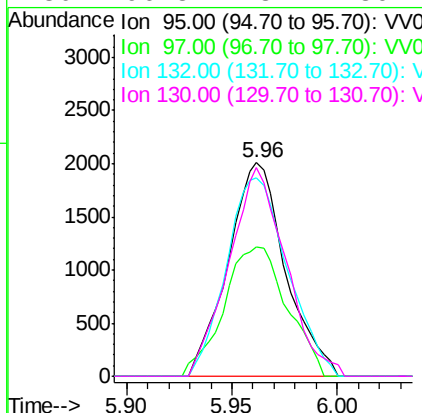
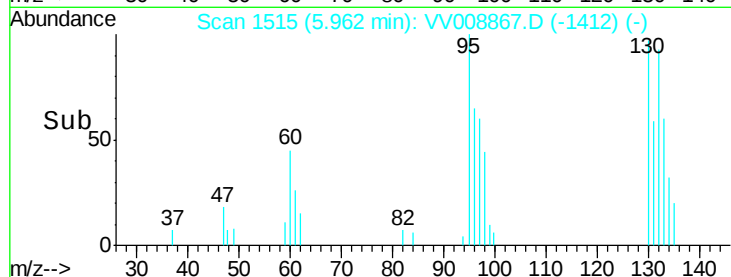
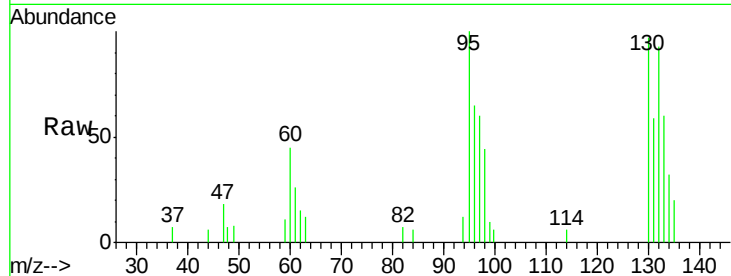
#35
 Trichloroethene
 Concen: 1.287 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: VV008867.D
 Acq: 06 Dec 2018 20:57

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

Tgt Ion: 95 Resp: 3807
 Ion Ratio Lower Upper
 95 100
 97 66.6 45.3 84.1
 132 99.0 70.0 130.0
 130 96.8 73.4 136.4

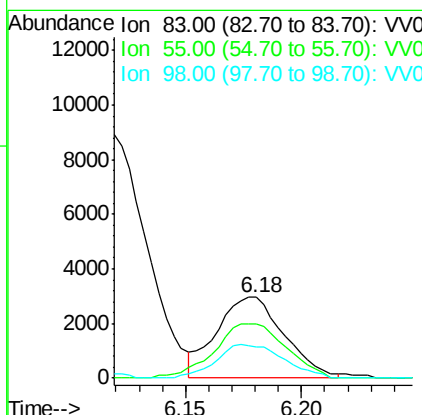
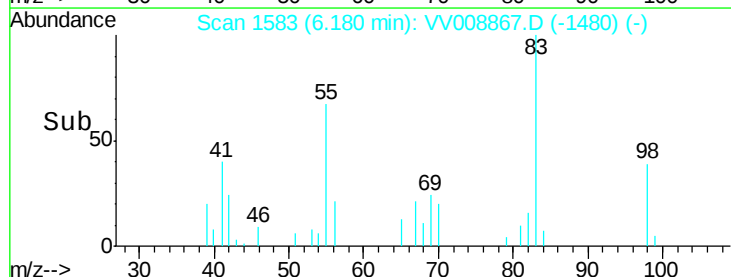
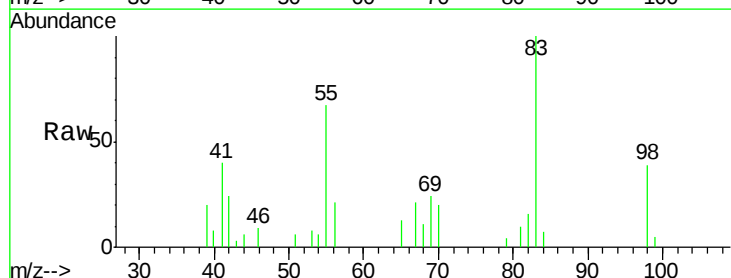
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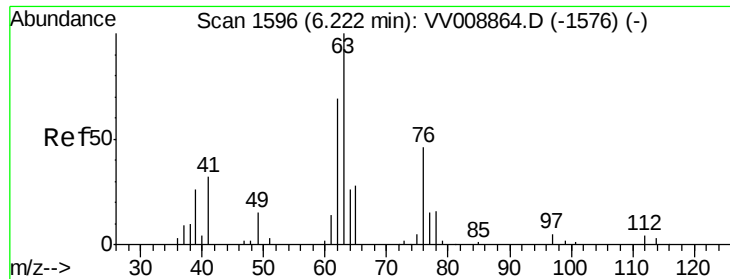
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#36
 Methylcyclohexane
 Concen: 1.279 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VV008867.D
 Acq: 06 Dec 2018 20:57

Tgt Ion: 83 Resp: 6031
 Ion Ratio Lower Upper
 83 100
 55 69.8 58.2 87.2
 98 41.1 37.8 56.8





#40

1,2-Dichloropropane

Concen: 1.190 ug/L

RT: 6.22 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VV008867.D

Acq: 06 Dec 2018 20:57

Instrument :

MSVOA_V

ClientSampled :

MDL02

Tgt Ion: 63 Resp: 2801

Ion Ratio Lower Upper

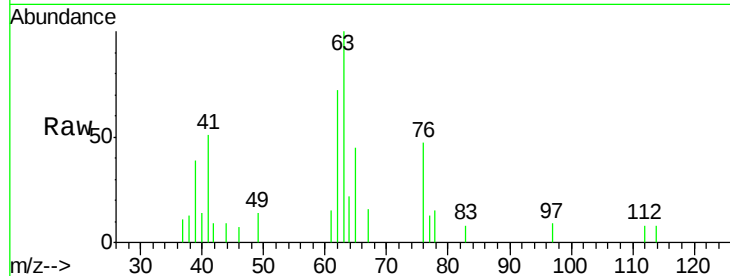
63 100

112 1.6 3.8 5.8#

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Abundance Ion 63.00 (62.70 to 63.70): VV008864.D (-1576) (-)

Ion 112.00 (111.70 to 112.70): VV008864.D (-1576) (-)

1500

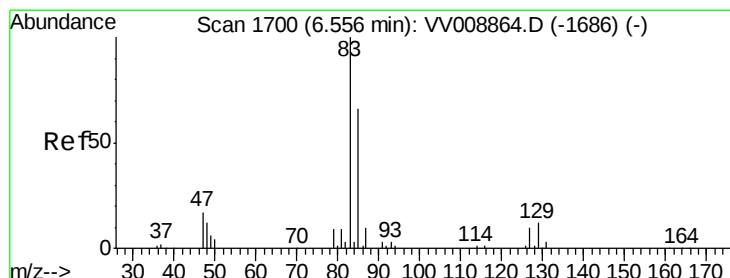
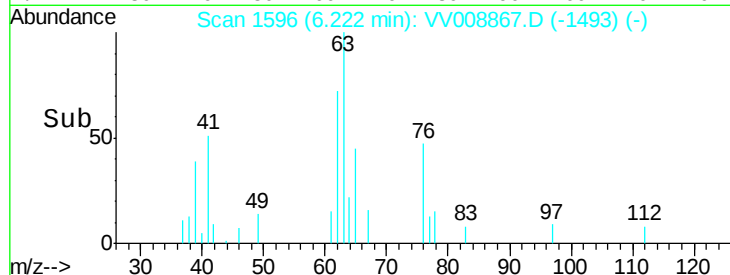
1000

500

0

6.20 6.25

Time-->



#41

Bromodichloromethane

Concen: 1.110 ug/L

RT: 6.56 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VV008867.D

Acq: 06 Dec 2018 20:57

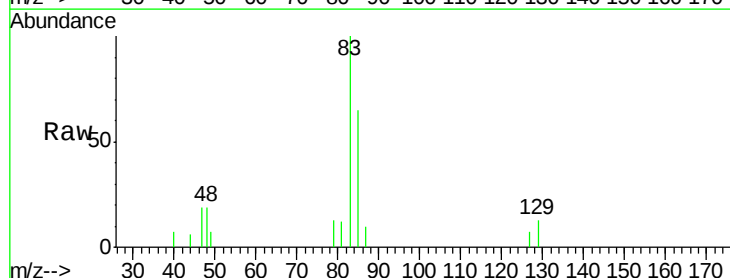
Tgt Ion: 83 Resp: 3445

Ion Ratio Lower Upper

83 100

85 64.5 45.3 84.1

127 6.7 7.2 10.8#



Abundance Ion 83.00 (82.70 to 83.70): VV008864.D (-1686) (-)

Ion 85.00 (84.70 to 85.70): VV008864.D (-1686) (-)

Ion 127.00 (126.70 to 127.70): VV008864.D (-1686) (-)

2000

1500

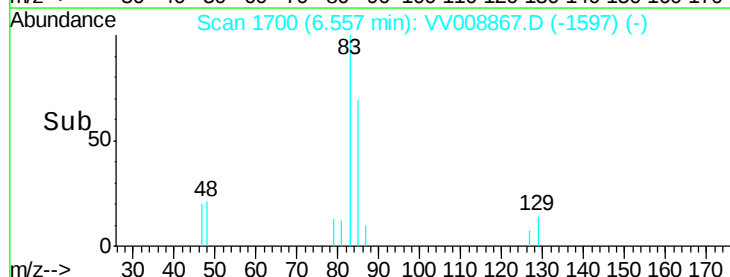
1000

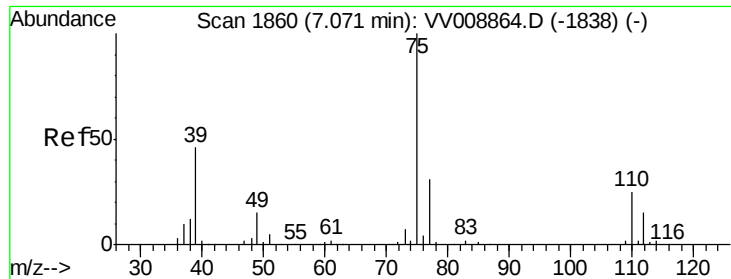
500

0

6.50 6.55 6.60

Time-->





#42

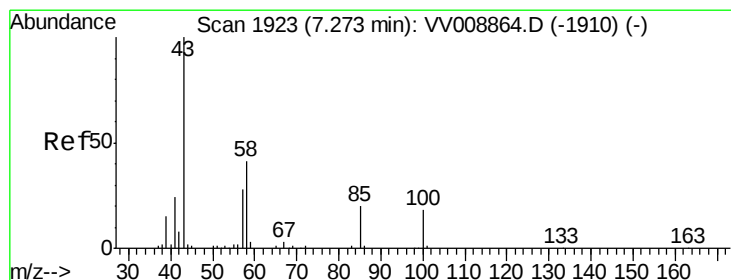
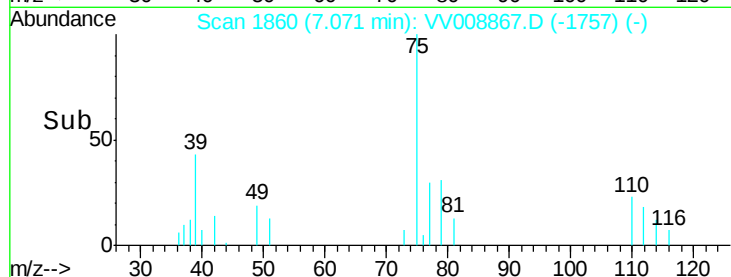
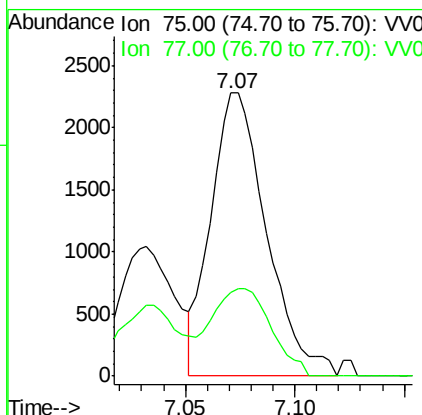
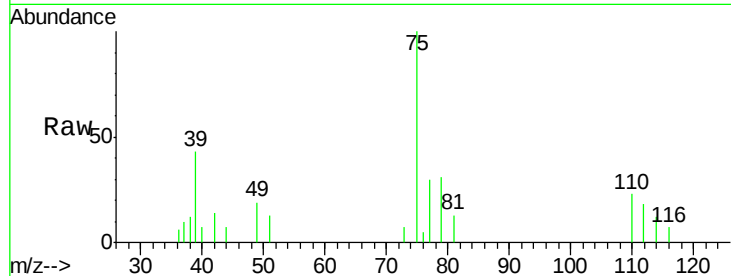
cis-1,3-Dichloropropene
Concen: 1.168 ug/L m
RT: 7.07 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VV008867.D
Acq: 06 Dec 2018 20:57

Instrument :
MSVOA_V
ClientSampled :
MDL02

Tgt Ion: 75 Resp: 4027
Ion Ratio Lower Upper
75 100
77 29.7 21.3 39.6

Manual Integrations
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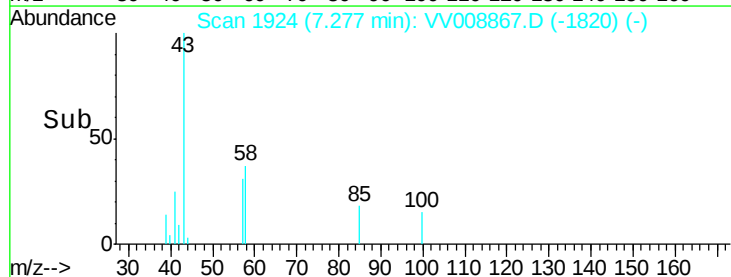
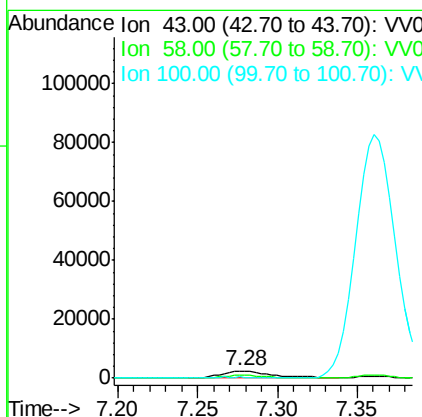
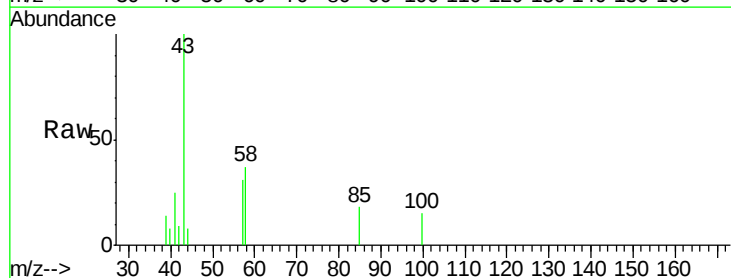
sam
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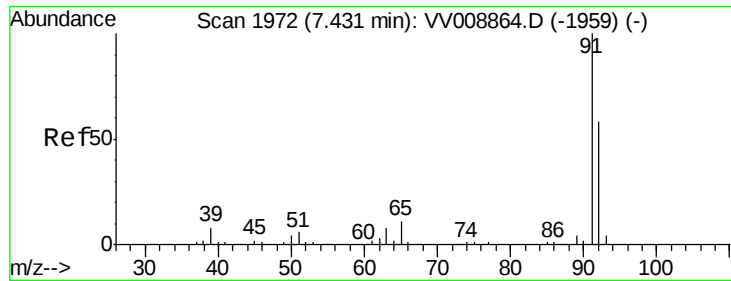


#43

4-Methyl-2-pentanone
Concen: 3.355 ug/L
RT: 7.28 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VV008867.D
Acq: 06 Dec 2018 20:57

Tgt Ion: 43 Resp: 5339
Ion Ratio Lower Upper
43 100
58 31.8 32.2 48.4#
100 1.8 13.8 20.8#





#44

Toluene

Concen: 1.301 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV008867.D

Acq: 06 Dec 2018 20:57

Instrument :

MSVOA_V

ClientSampleId :

MDL02

Tgt Ion: 91 Resp: 13380

Ion Ratio Lower Upper

91 100

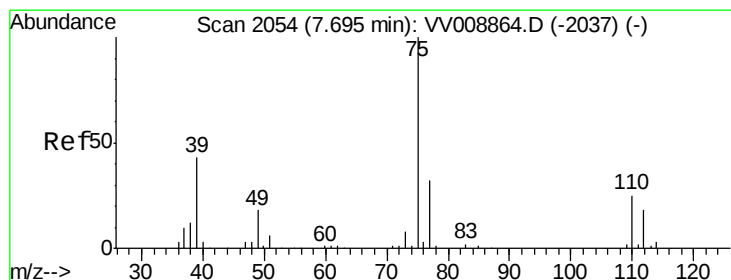
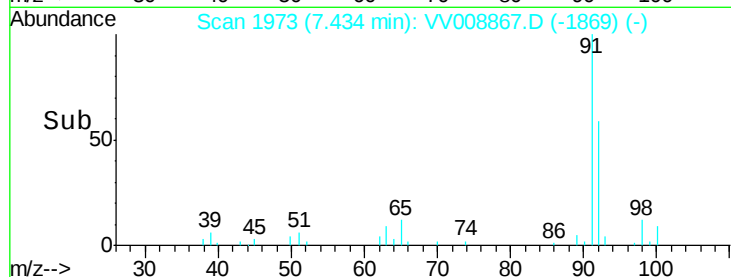
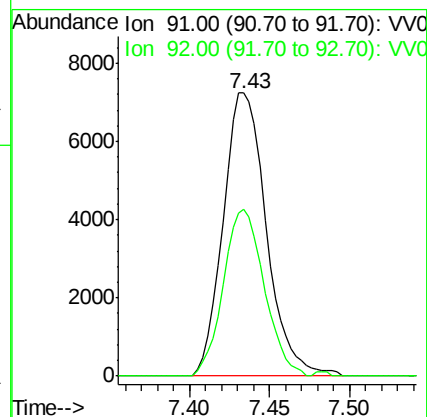
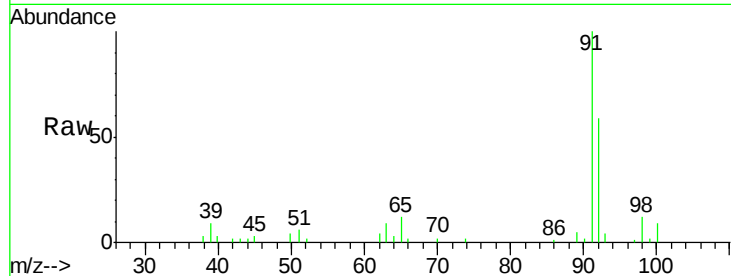
92 58.9 41.7 77.5

Manual Integrations

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sam

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#45

trans-1,3-Dichloropropene

Concen: 1.105 ug/L

RT: 7.69 min Scan# 2054

Delta R.T. 0.00 min

Lab File: VV008867.D

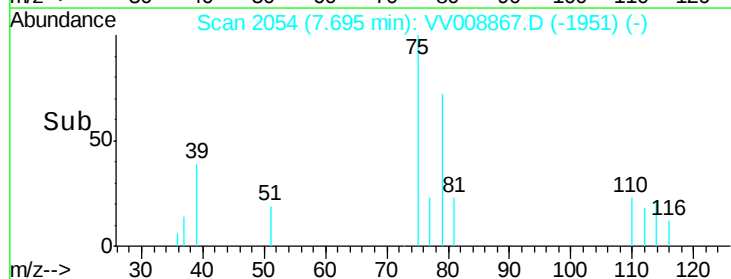
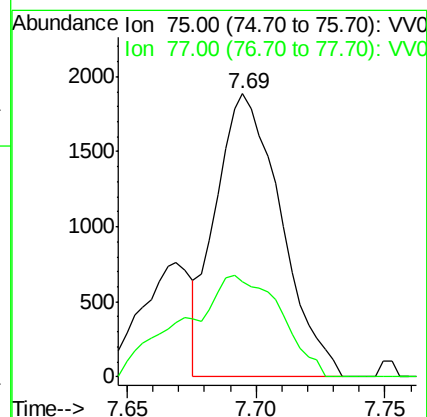
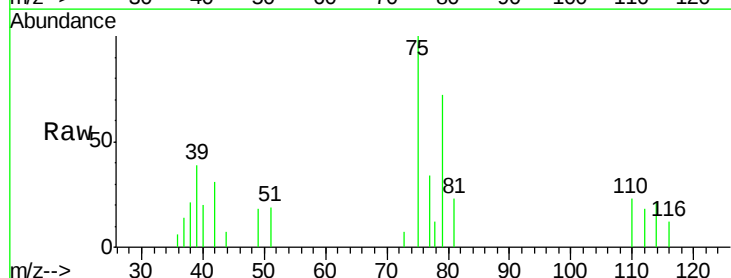
Acq: 06 Dec 2018 20:57

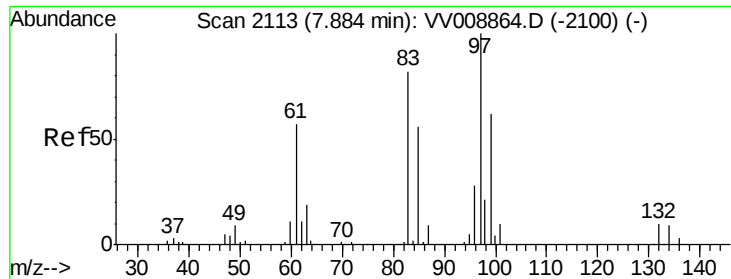
Tgt Ion: 75 Resp: 3321

Ion Ratio Lower Upper

75 100

77 33.8 23.6 43.8





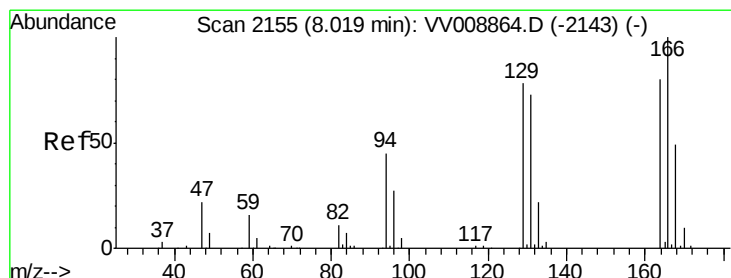
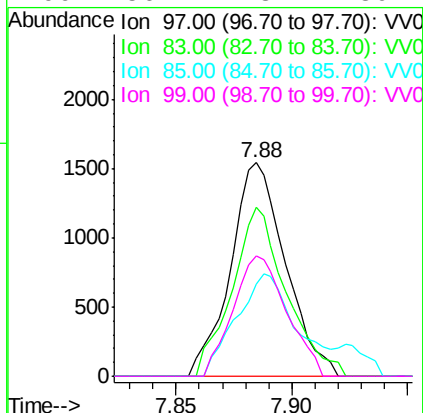
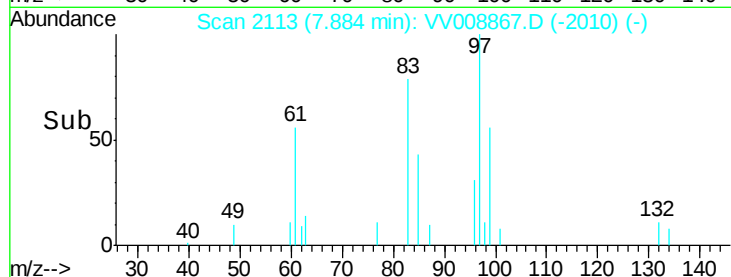
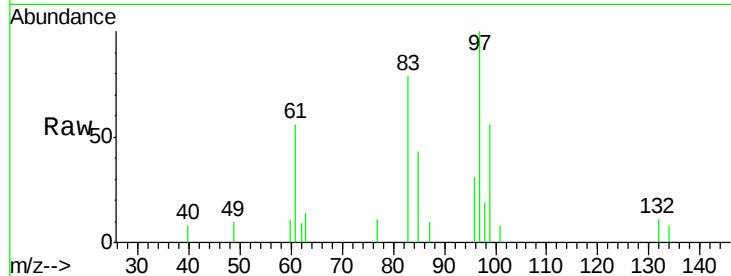
#46
1,1,2-Trichloroethane
Concen: 1.293 ug/L
RT: 7.88 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VV008867.D
Acq: 06 Dec 2018 20:57

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion:	97	Resp:	2536
Ion	Ratio	Lower	Upper
97	100		
83	79.1	56.6	105.2
85	43.4	36.6	68.0
99	56.4	43.2	80.2

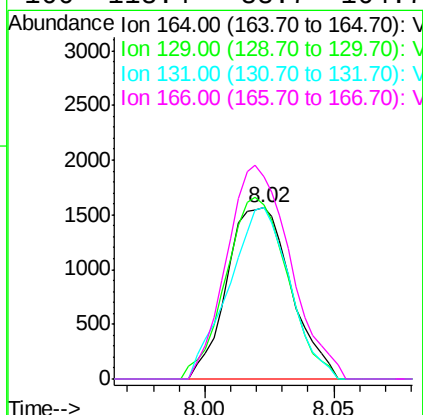
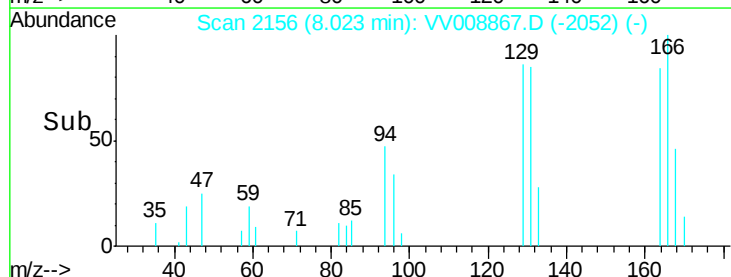
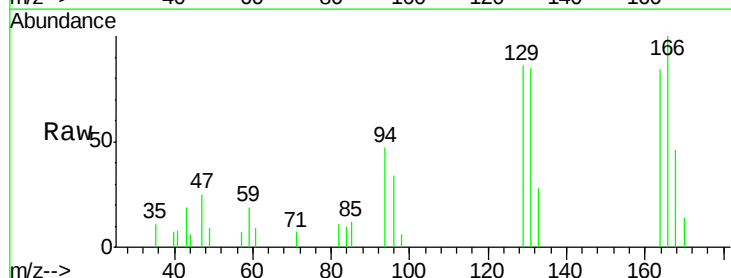
Manual Integrations
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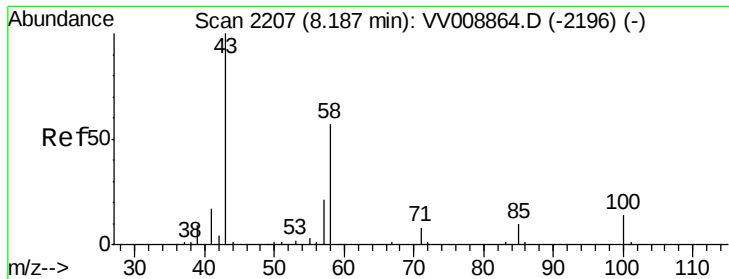
sam
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#47
Tetrachloroethene
Concen: 1.130 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.00 min
Lab File: VV008867.D
Acq: 06 Dec 2018 20:57

Tgt Ion:	164	Resp:	2717
Ion	Ratio	Lower	Upper
164	100		
129	101.6	64.6	120.0
131	100.6	64.5	119.7
166	118.4	88.7	164.7





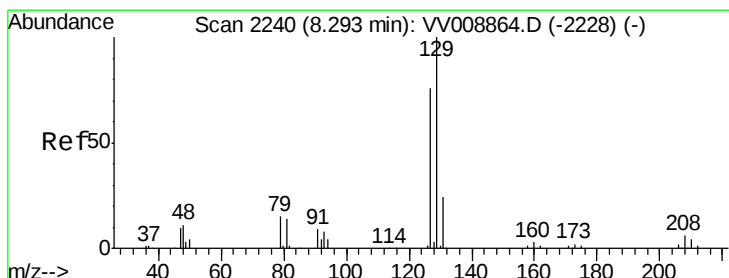
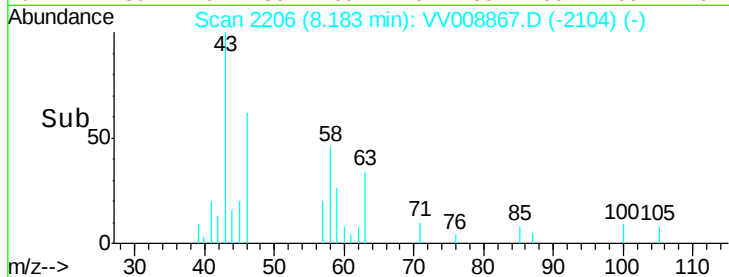
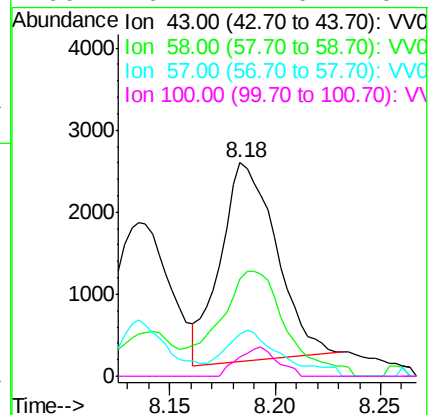
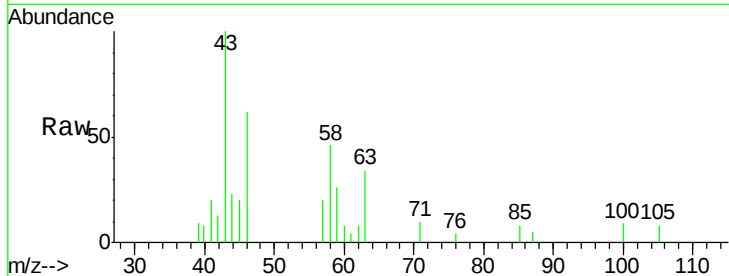
#49
2-Hexanone
Concen: 3.376 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. -0.00 min
Lab File: VV008867.D
Acq: 06 Dec 2018 20:57

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion	Ratio	Lower	Upper
43	100		
58	61.7	43.9	65.9
57	16.2	15.7	23.5
100	10.2	11.0	16.4

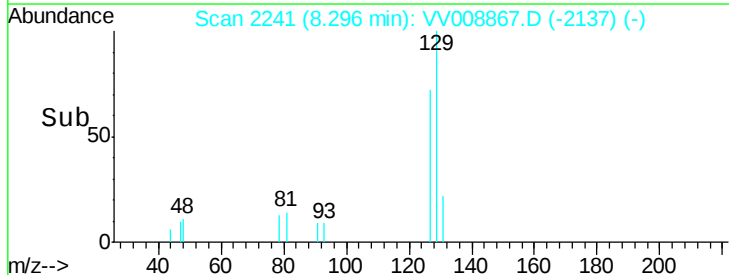
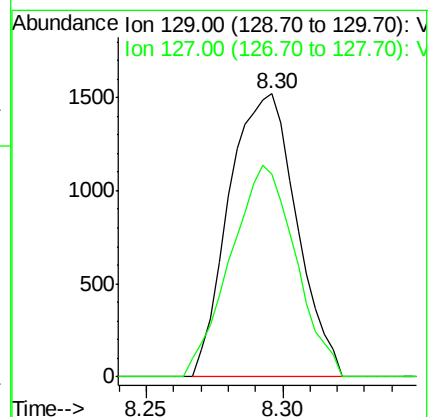
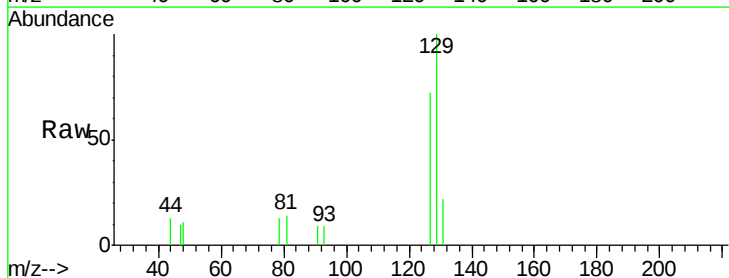
Manual Integrations
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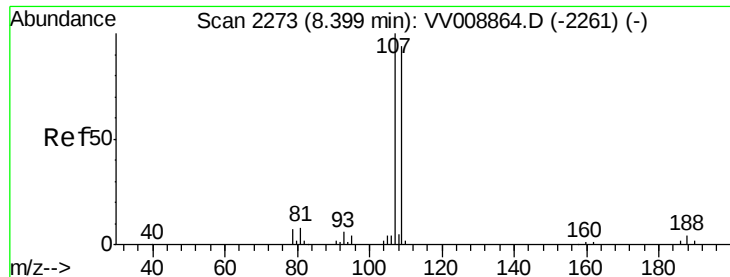
sam
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#50
Dibromochloromethane
Concen: 1.162 ug/L
RT: 8.30 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VV008867.D
Acq: 06 Dec 2018 20:57

Tgt Ion	Ratio	Lower	Upper
129	100		
127	71.8	53.5	99.3





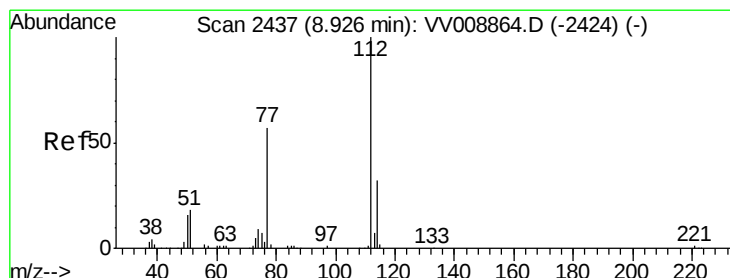
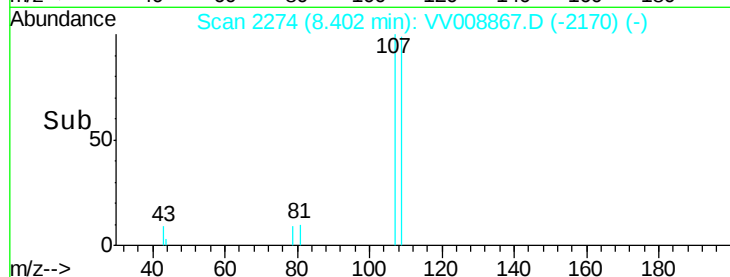
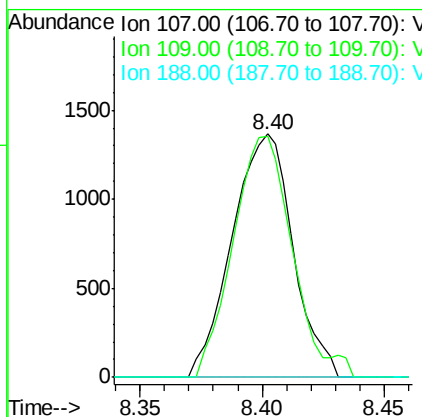
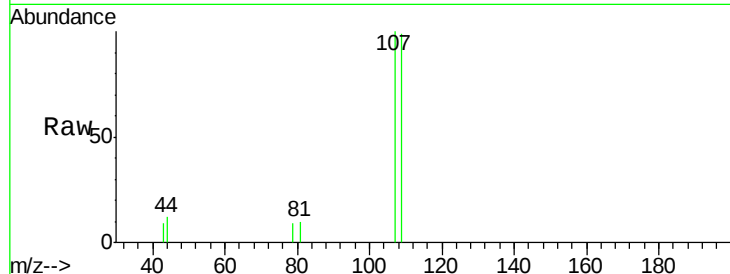
#51
1,2-Dibromoethane
Concen: 1.199 ug/L
RT: 8.40 min Scan# 2274
Delta R.T. 0.00 min
Lab File: VV008867.D
Acq: 06 Dec 2018 20:57

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	2362		
109	99.2	65.8	122.2	
188	0.0	3.0	4.6#	

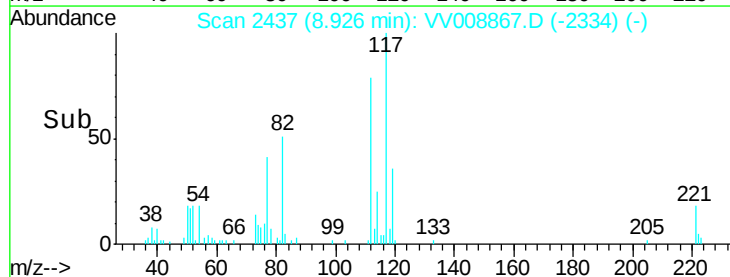
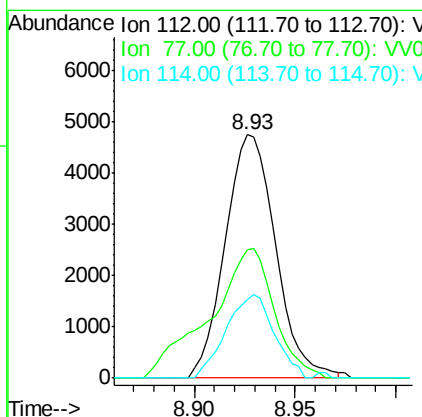
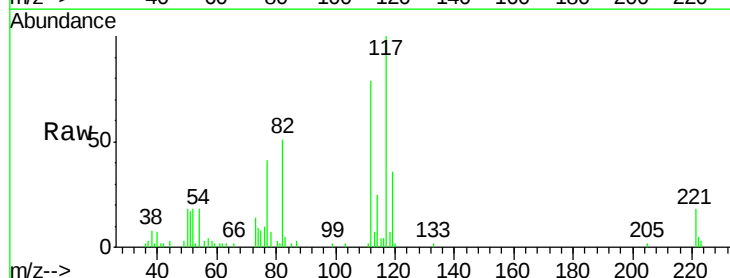
Manual Integrations
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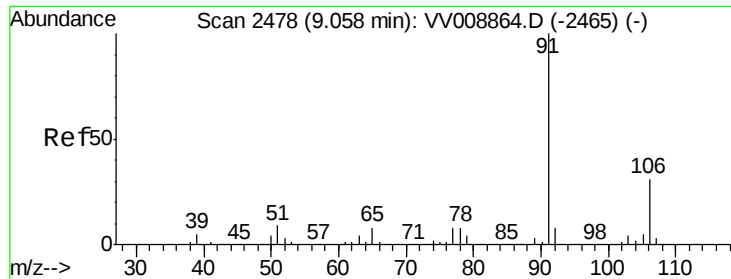
sam
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#52
Chlorobenzene
Concen: 1.243 ug/L
RT: 8.93 min Scan# 2437
Delta R.T. 0.00 min
Lab File: VV008867.D
Acq: 06 Dec 2018 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	8323		
77	52.7	44.6	66.8	
114	32.0	22.6	42.0	





#53

Ethylbenzene

Concen: 1.126 ug/L

RT: 9.06 min Scan# 2478

Delta R.T. 0.00 min

Lab File: VV008867.D

Acq: 06 Dec 2018 20:57

Instrument :

MSVOA_V

ClientSampled :

MDL02

Tgt Ion: 91 Resp: 12568

Ion Ratio Lower Upper

91 100

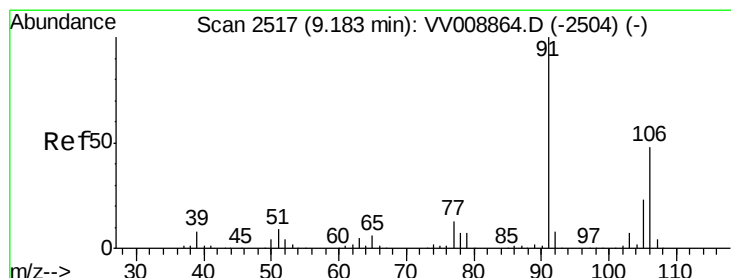
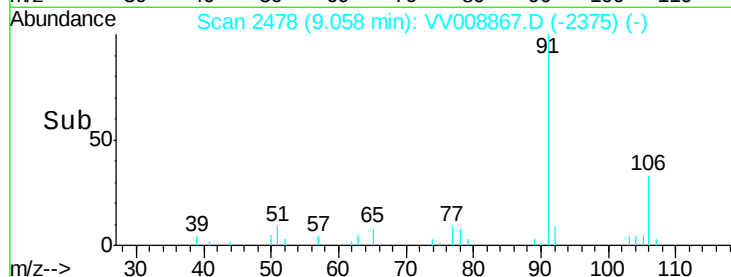
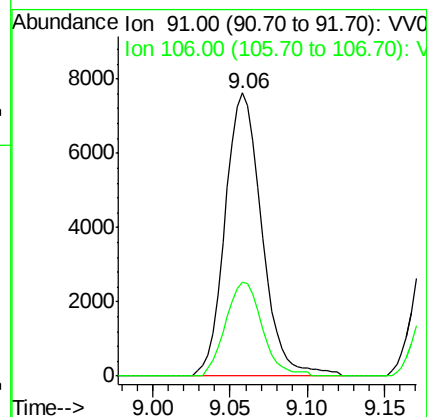
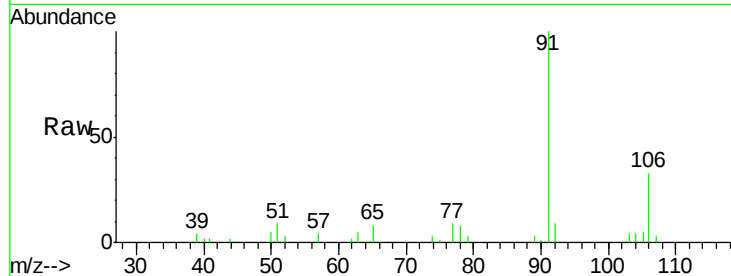
106 33.2 21.3 39.5

Manual Integrations

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#54

m,p-Xylene

Concen: 1.114 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. -0.00 min

Lab File: VV008867.D

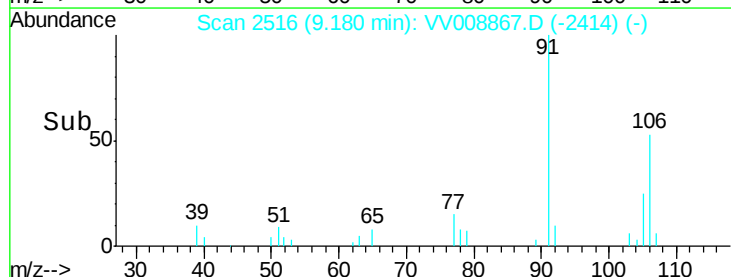
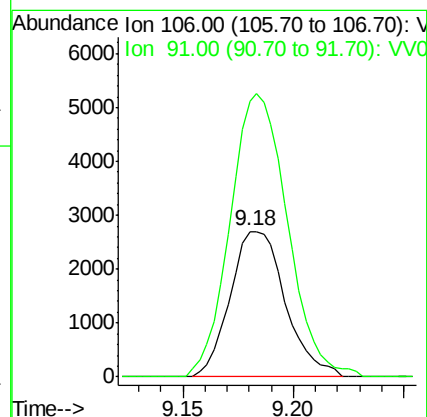
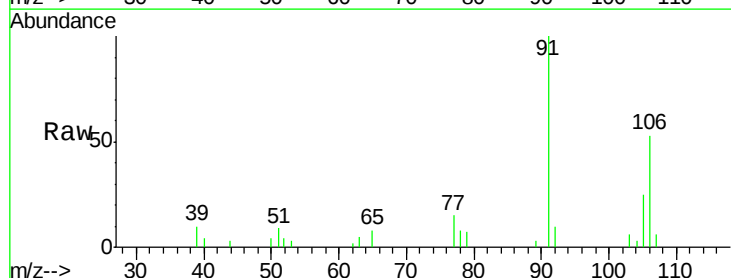
Acq: 06 Dec 2018 20:57

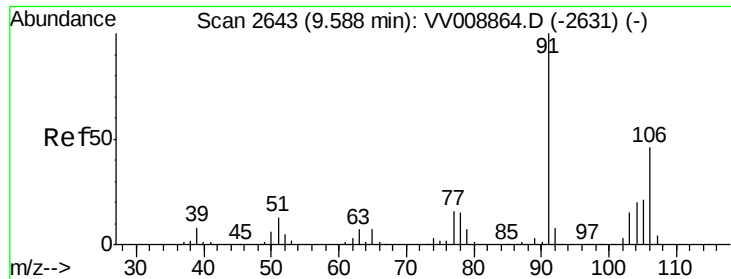
Tgt Ion: 106 Resp: 4708

Ion Ratio Lower Upper

106 100

91 189.7 141.3 262.3





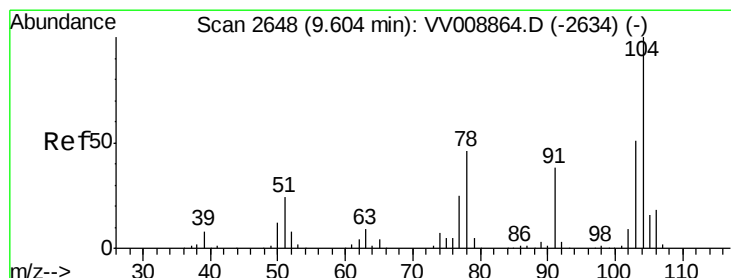
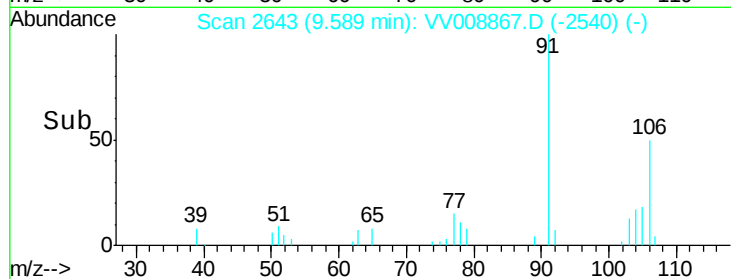
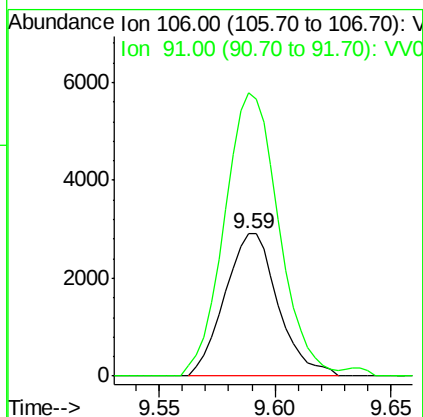
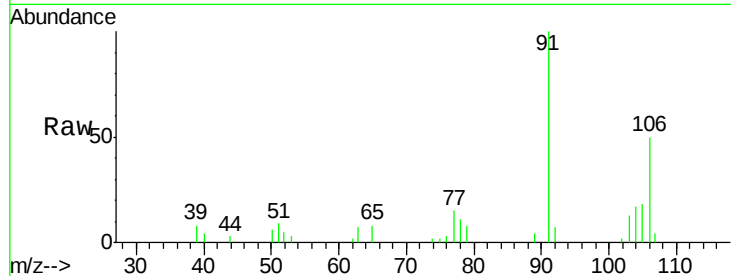
#55
o-xylene
Concen: 1.186 ug/L
RT: 9.59 min Scan# 2643
Delta R.T. 0.00 min
Lab File: VV008867.D
Acq: 06 Dec 2018 20:57

Instrument :
MSVOA_V
ClientSampled :
MDL02

Tgt Ion:106 Resp: 4655
Ion Ratio Lower Upper
106 100
91 198.6 148.3 275.5

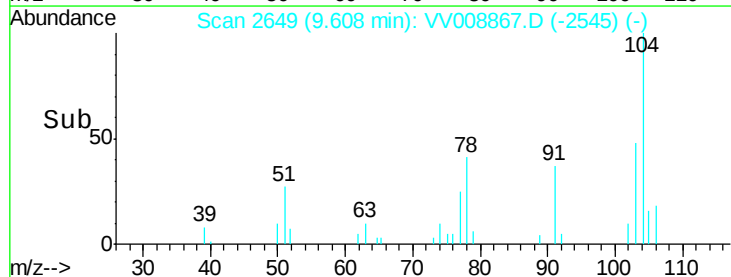
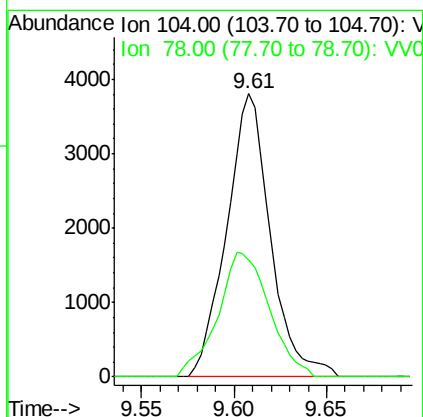
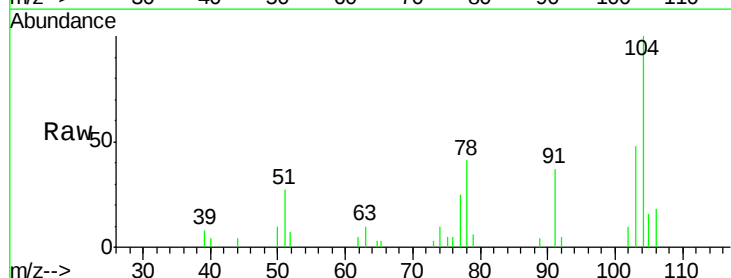
Manual Integrations
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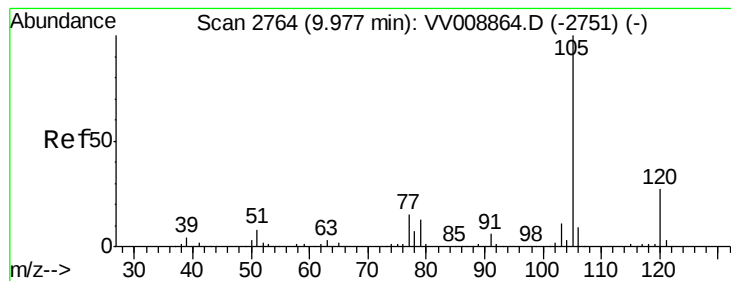
sam
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#56
Styrene
Concen: 0.986 ug/L
RT: 9.61 min Scan# 2649
Delta R.T. 0.00 min
Lab File: VV008867.D
Acq: 06 Dec 2018 20:57

Tgt Ion:104 Resp: 6247
Ion Ratio Lower Upper
104 100
78 41.1 30.6 56.8





#57

Isopropylbenzene

Concen: 1.079 ug/L

RT: 9.97 min Scan# 2763

Delta R.T. -0.00 min

Lab File: VV008867.D

Acq: 06 Dec 2018 20:57

Instrument :

MSVOA_V

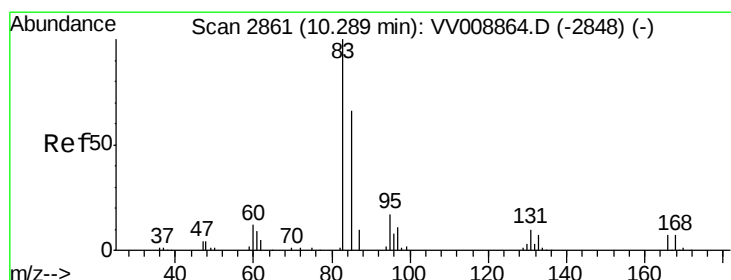
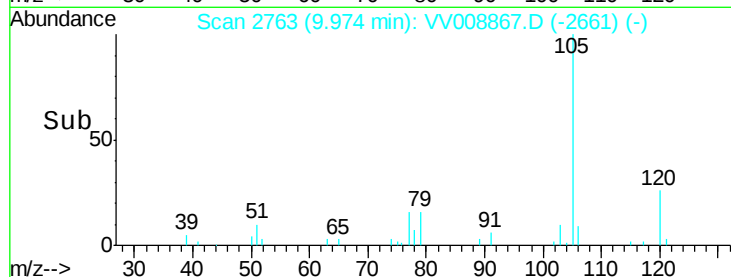
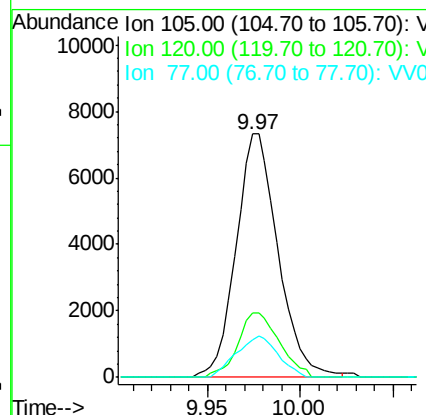
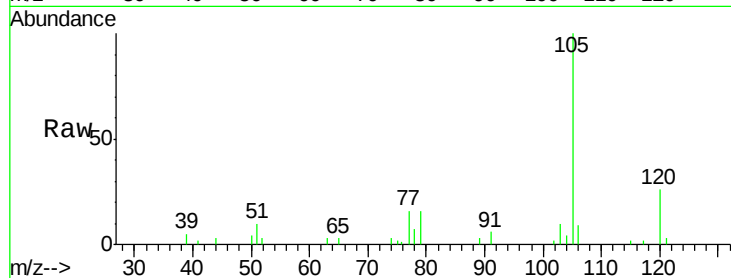
ClientSampleId :

MDL02

Tgt Ion:	105	Resp:	11508
Ion Ratio	Lower	Upper	
105	100		
120	26.1	21.7	32.5
77	16.9	12.4	18.6

Manual Integrations
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#58

1,1,2,2-Tetrachloroethane

Concen: 1.411 ug/L

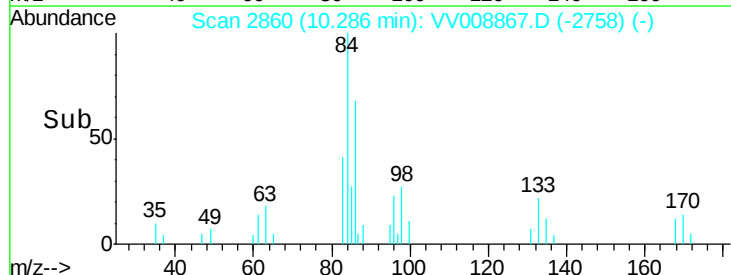
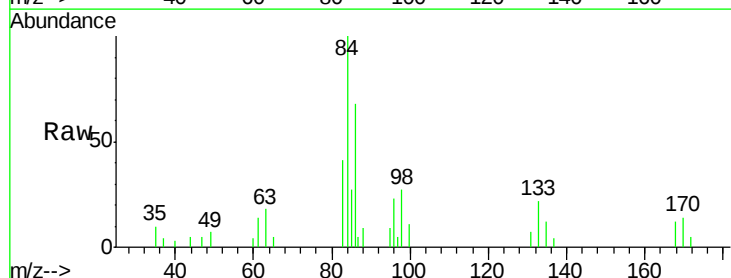
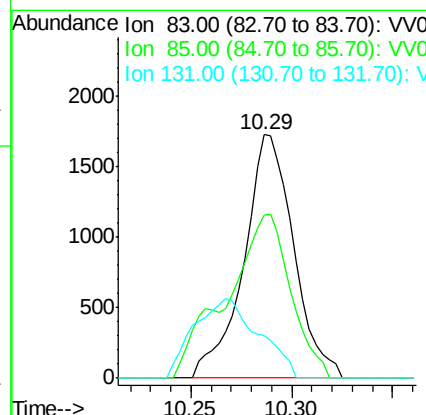
RT: 10.29 min Scan# 2860

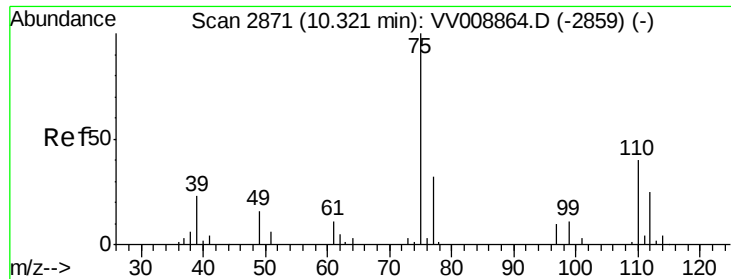
Delta R.T. -0.00 min

Lab File: VV008867.D

Acq: 06 Dec 2018 20:57

Tgt Ion:	83	Resp:	2992
Ion Ratio	Lower	Upper	
83	100		
85	67.0	44.3	82.3
131	17.7	7.8	11.8#





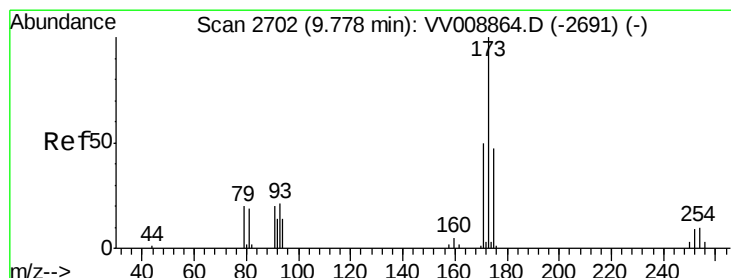
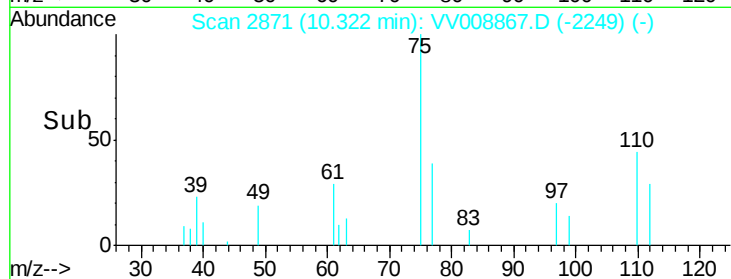
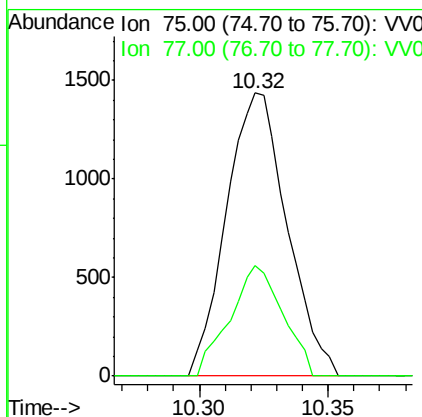
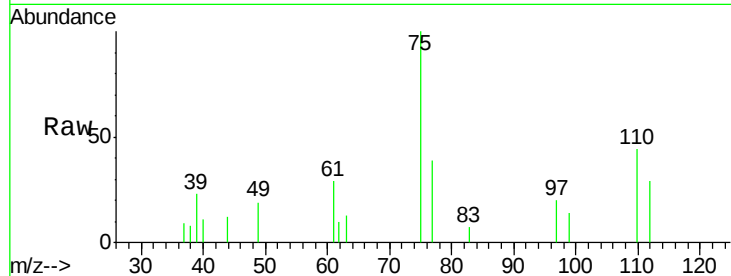
#59
 1,2,3-Trichloropropane
 Concen: 1.280 ug/L
 RT: 10.32 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VV008867.D
 Acq: 06 Dec 2018 20:57

Instrument :
 MSVOA_V
 ClientSampled :
 MDL02

Tgt Ion: 75 Resp: 2349
 Ion Ratio Lower Upper
 75 100
 77 34.1 25.6 38.4

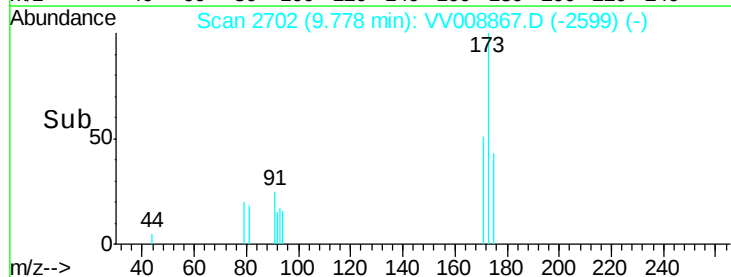
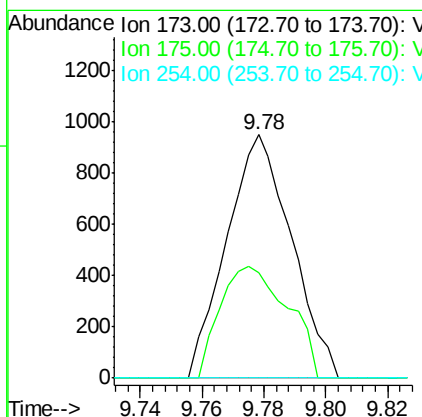
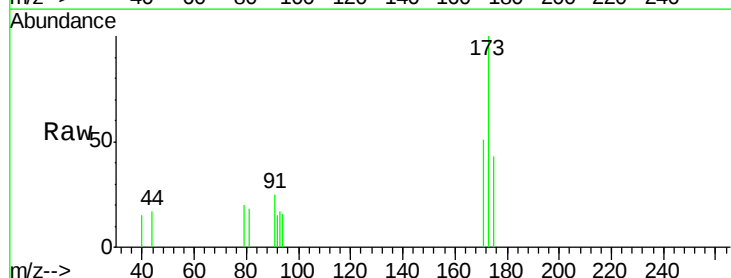
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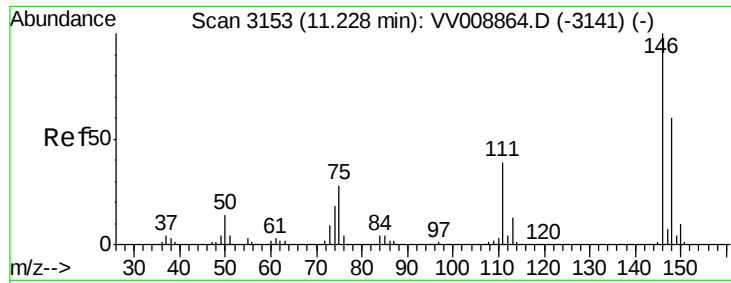
sam
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#62
 Bromoform
 Concen: 1.097 ug/L
 RT: 9.78 min Scan# 2702
 Delta R.T. 0.00 min
 Lab File: VV008867.D
 Acq: 06 Dec 2018 20:57

Tgt Ion: 173 Resp: 1382
 Ion Ratio Lower Upper
 173 100
 175 48.0 37.7 56.5
 254 0.0 7.1 10.7#





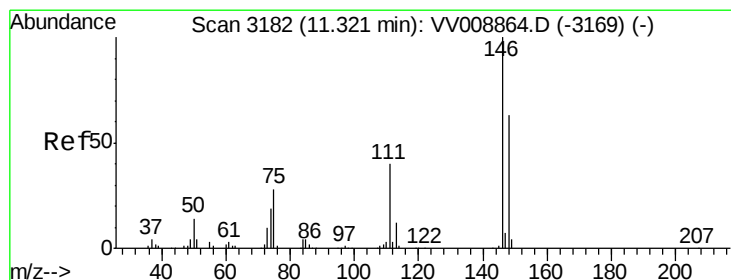
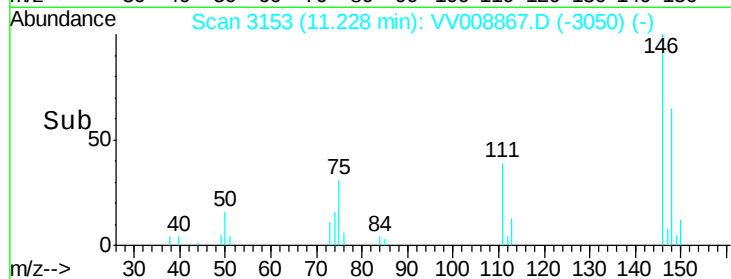
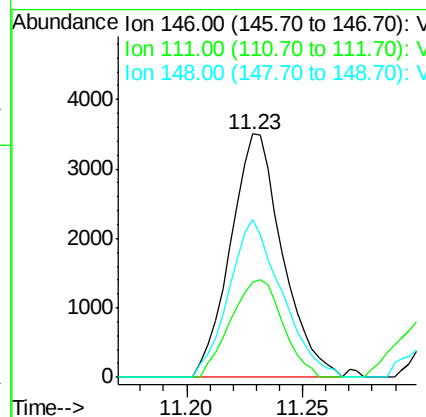
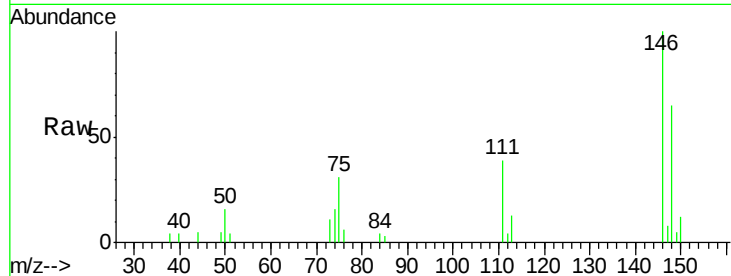
#63
 1,3-Dichlorobenzene
 Concen: 1.212 ug/L
 RT: 11.23 min Scan# 3153
 Delta R.T. 0.00 min
 Lab File: VV008867.D
 Acq: 06 Dec 2018 20:57

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	27.5	51.1
148	64.6	44.0	81.8

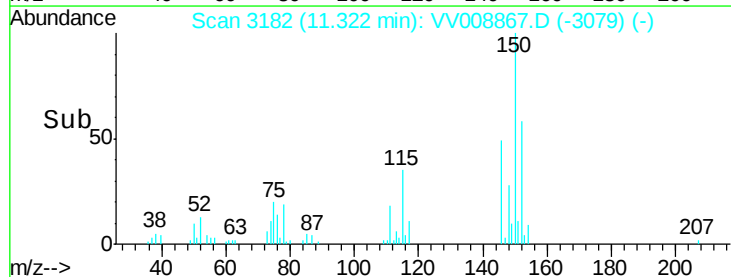
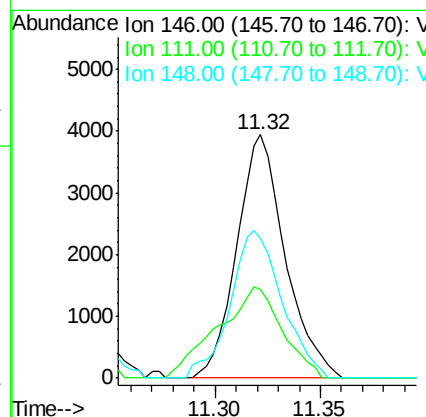
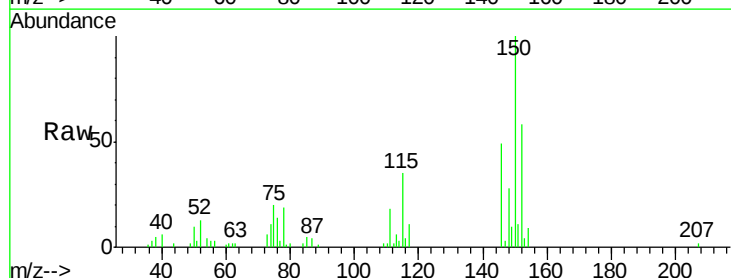
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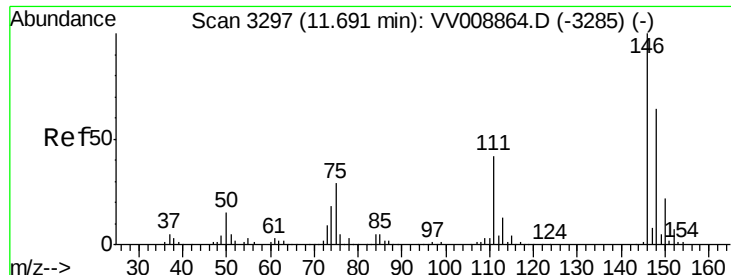
sam
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#64
 1,4-Dichlorobenzene
 Concen: 1.357 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. 0.00 min
 Lab File: VV008867.D
 Acq: 06 Dec 2018 20:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	26.8	49.8
148	57.6	45.8	85.0





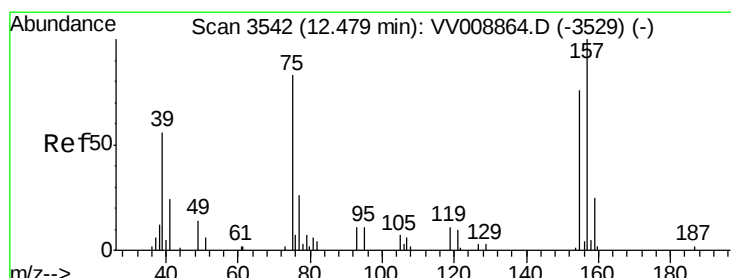
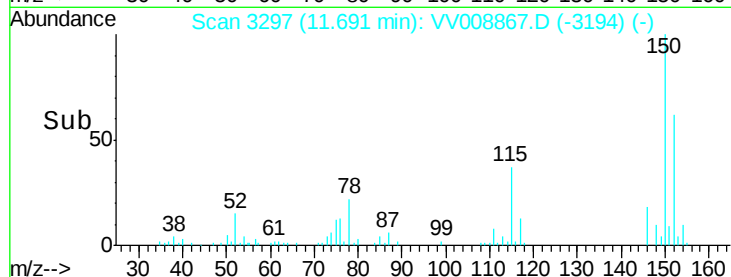
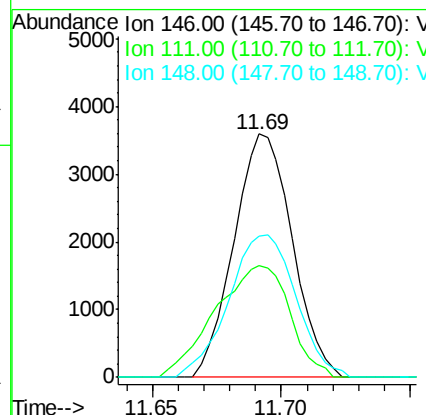
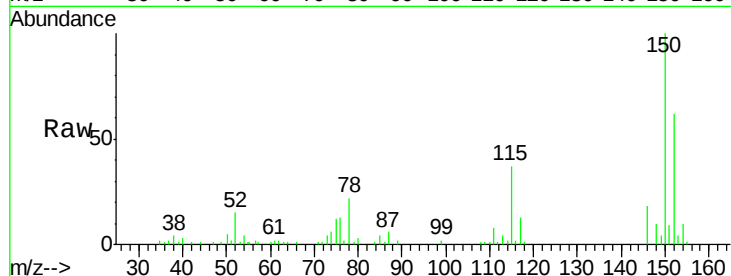
#65
 1,2-Dichlorobenzene
 Concen: 1.364 ug/L
 RT: 11.69 min Scan# 3297
 Delta R.T. 0.00 min
 Lab File: VV008867.D
 Acq: 06 Dec 2018 20:57

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.7	34.2	51.4
148	58.2	51.0	76.6

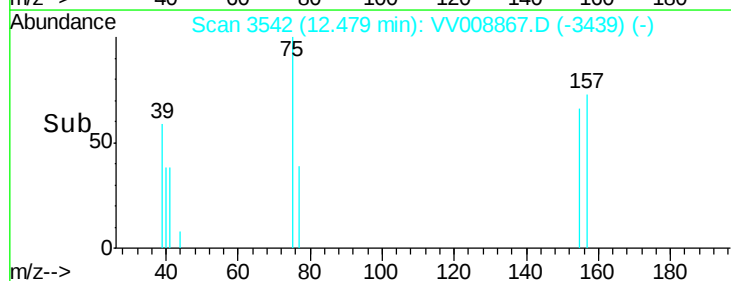
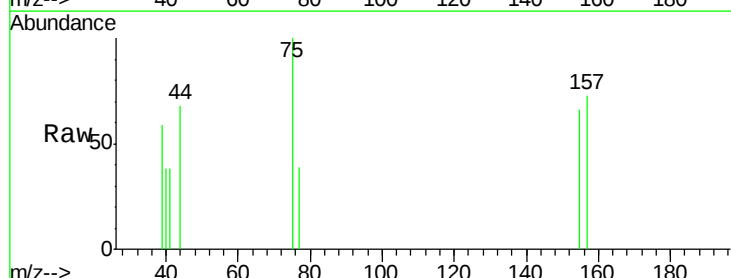
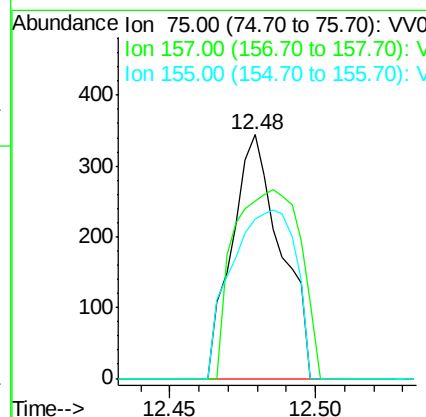
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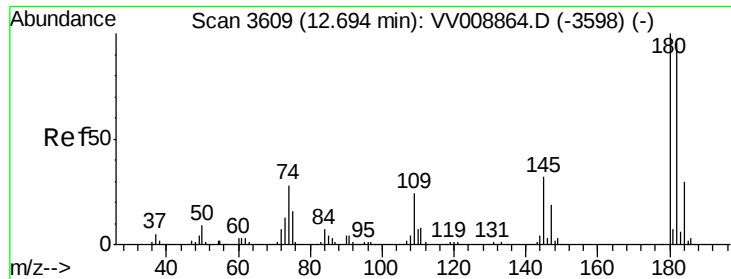
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#66
 1,2-Dibromo-3-chloropropane
 Concen: 1.183 ug/L m
 RT: 12.48 min Scan# 3542
 Delta R.T. 0.00 min
 Lab File: VV008867.D
 Acq: 06 Dec 2018 20:57

Tgt Ion	Ratio	Lower	Upper
75	100		
157	72.7	95.8	143.6#
155	65.7	71.4	107.2#





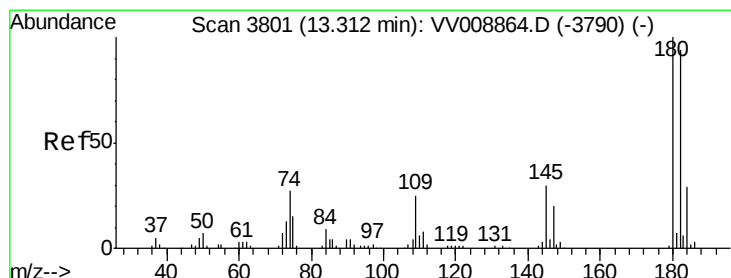
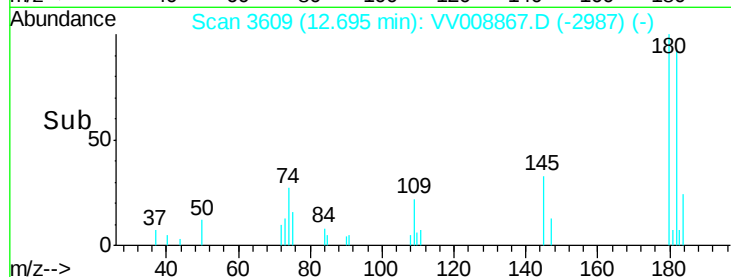
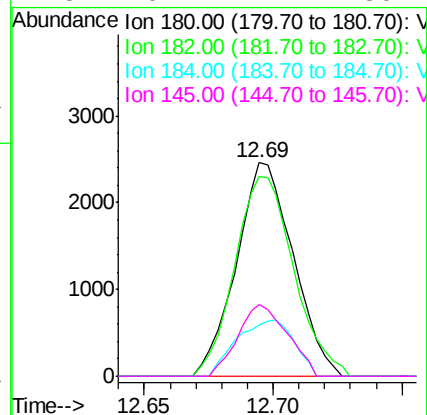
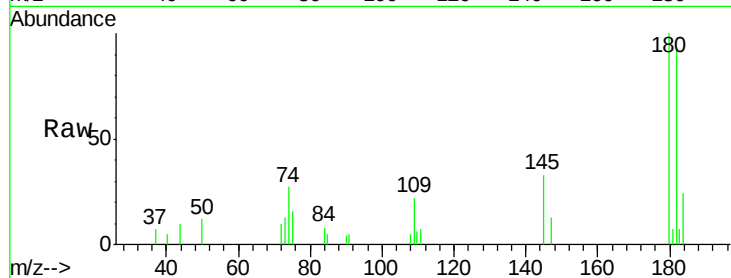
#67
 1,3,5-Trichlorobenzene
 Concen: 1.164 ug/L
 RT: 12.69 min Scan# 3609
 Delta R.T. 0.00 min
 Lab File: VV008867.D
 Acq: 06 Dec 2018 20:57

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	75.9	113.9
184	26.6	23.8	35.6
145	29.2	24.2	36.4

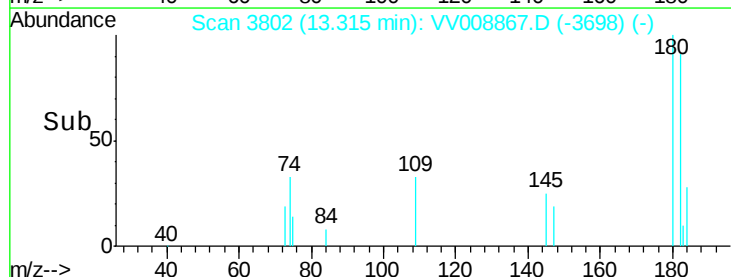
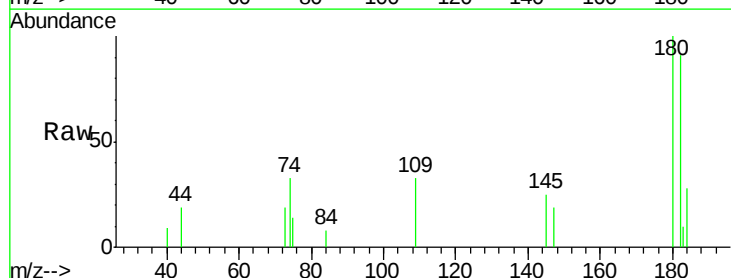
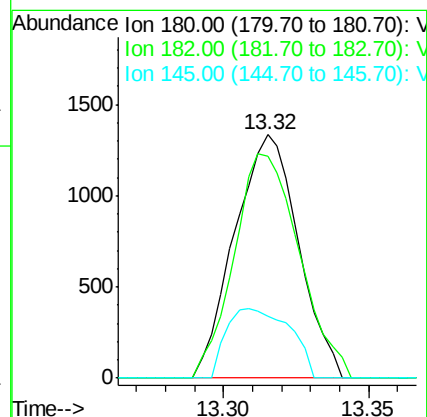
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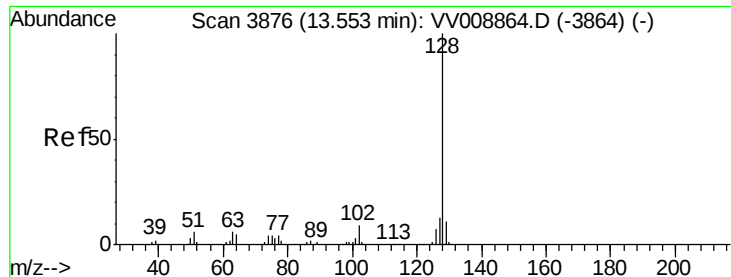
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#68
 1,2,4-trichlorobenzene
 Concen: 0.896 ug/L
 RT: 13.32 min Scan# 3802
 Delta R.T. 0.00 min
 Lab File: VV008867.D
 Acq: 06 Dec 2018 20:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	77.4	116.0
145	28.3	25.6	38.4





#69

Naphthalene

Concen: 0.871 ug/L

RT: 13.56 min Scan# 3877

Delta R.T. 0.00 min

Lab File: VV008867.D

Acq: 06 Dec 2018 20:57

Instrument :

MSVOA_V

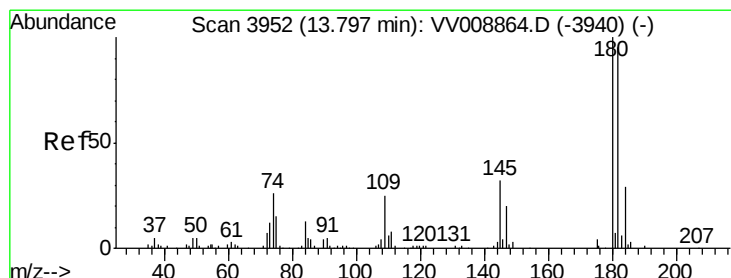
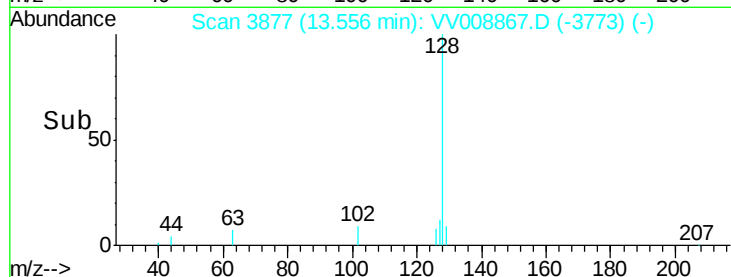
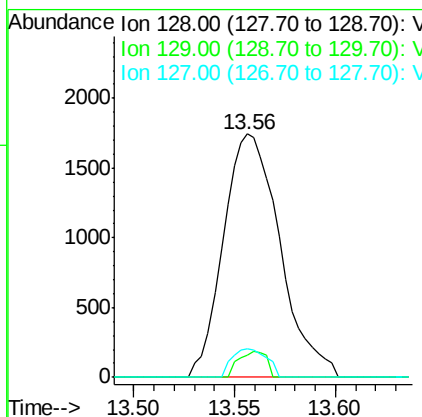
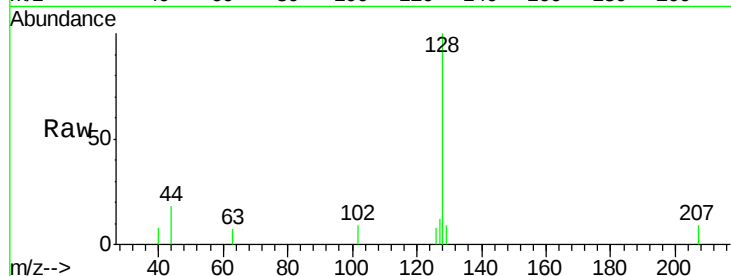
ClientSampleId :

MDL02

Tgt Ion:	128	Resp:	3417
Ion	Ratio	Lower	Upper
128	100		
129	5.3	8.6	13.0#
127	7.3	10.0	15.0#

Manual Integrations
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#70

1,2,3-Trichlorobenzene

Concen: 1.054 ug/L

RT: 13.80 min Scan# 3952

Delta R.T. 0.00 min

Lab File: VV008867.D

Acq: 06 Dec 2018 20:57

Tgt Ion:	180	Resp:	2216
Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.1	114.1
145	30.7	26.7	40.1

