

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102418\
 Data File : VV008405.D
 Acq On : 24 Oct 2018 20:34
 Operator : SY/MD
 Sample : MDL07
 Misc : 5.00G/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

Manual Integrations
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 10/25/2018 4:41:18 PM

Quant Time: Oct 25 09:25:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 25 09:16:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	194037	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	177295	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	74356	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43803	40.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.54%
7) Chloroethane-d5	1.56	69	34725	44.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.54%
11) 1,1-Dichloroethene-d2	2.13	63	61162	31.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.04%
21) 2-Butanone-d5	3.94	46	115313	98.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.76%
24) Chloroform-d	4.41	84	116573	43.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.98%
26) 1,2-Dichloroethane-d4	5.09	65	81855	46.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.40%
32) Benzene-d6	5.10	84	233803	46.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.56%
36) 1,2-Dichloropropane-d6	6.12	67	81357	46.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.78%
41) Toluene-d8	7.36	98	209209	45.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.22%
43) trans-1,3-Dichloropropene-	7.67	79	39051	45.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.66%
47) 2-Hexanone-d5	8.14	63	87589	95.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.65%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	113156	47.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.28%
64) 1,2-Dichlorobenzene-d4	11.68	152	71944	47.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	3935	2.840 ug/L	98
3) Chloromethane	1.25	50	4392	2.959 ug/L	100
5) Vinyl chloride	1.33	62	3893	2.831 ug/L #	72
6) Bromomethane	1.52	94	1187	3.146 ug/L	97
8) Chloroethane	1.58	64	2365	3.273 ug/L	92
9) Trichlorofluoromethane	1.76	101	5022	2.837 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3118	3.372 ug/L	89
12) 1,1-Dichloroethene	2.14	96	2816	3.235 ug/L #	1
13) Acetone	2.19	43	4970	5.485 ug/L	93
14) Carbon disulfide	2.32	76	11172	2.849 ug/L	100
15) Methyl Acetate	2.46	43	6281	3.476 ug/L #	88
16) Methylene chloride	2.54	84	4526	3.002 ug/L	96
17) trans-1,2-Dichloroethene	2.79	96	3989	3.006 ug/L	82
18) Methyl tert-butyl Ether	2.81	73	13470	2.836 ug/L #	93
19) 1,1-Dichloroethane	3.23	63	7637	2.790 ug/L	99
20) cis-1,2-Dichloroethene	3.97	96	4443	2.939 ug/L	86
22) 2-Butanone	4.03	43	6029	4.605 ug/L	97

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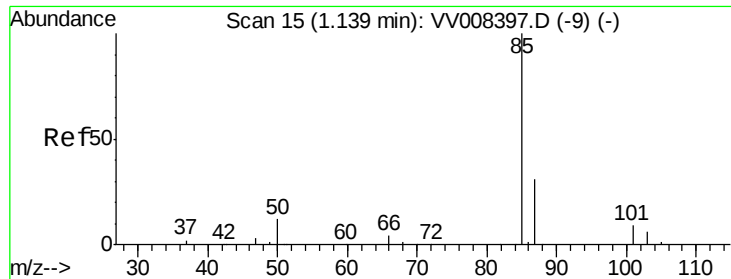
apatel
 10/25/2018 4:41:18 PM

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 Quant Title : VOC Analysis
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.30	128	1756m	2.463	ug/L	
25) Chloroform	4.43	83	8390	3.140	ug/L	99
27) 1,2-Dichloroethane	5.19	62	6503	2.914	ug/L	99
29) Cyclohexane	4.73	56	7263	2.814	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	6556	2.851	ug/L	99
31) Carbon tetrachloride	4.88	117	5448	2.792	ug/L	98
33) Benzene	5.15	78	17136	2.957	ug/L	100
34) Trichloroethene	5.96	95	4165	2.807	ug/L	91
35) Methylcyclohexane	6.18	83	7147	2.833	ug/L	98
37) 1,2-Dichloropropane	6.23	63	4549	2.842	ug/L #	89
38) Bromodichloromethane	6.56	83	5645	2.768	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	6862	2.727	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	13514	5.702	ug/L	97
42) Toluene	7.43	91	17540	2.914	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	7998	3.397	ug/L	93
45) 1,1,2-Trichloroethane	7.89	97	3994	2.822	ug/L	95
46) Tetrachloroethene	8.02	164	2612	2.700	ug/L	97
48) 2-Hexanone	8.19	43	9859	5.391	ug/L	93
49) Dibromochloromethane	8.30	129	3935	2.587	ug/L	91
50) 1,2-Dibromoethane	8.40	107	4217	2.841	ug/L #	95
51) Chlorobenzene	8.93	112	10454	2.820	ug/L	97
52) Ethylbenzene	9.06	91	19142	2.839	ug/L	98
53) m,p-Xylene	9.18	106	6992	2.838	ug/L	97
54) o-xylene	9.59	106	6694	2.721	ug/L	94
55) Styrene	9.61	104	11214	2.705	ug/L	96
56) Isopropylbenzene	9.98	105	17891	2.780	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	7616	3.073	ug/L #	94
59) 1,2,3-Trichloropropane	10.32	75	5684	2.834	ug/L	99
61) Bromoform	9.78	173	2566	2.735	ug/L #	97
62) 1,3-Dichlorobenzene	11.23	146	7284	2.963	ug/L	96
63) 1,4-Dichlorobenzene	11.32	146	7120	2.890	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	7366	2.938	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.48	75	1456	2.825	ug/L #	83
67) 1,3,5-Trichlorobenzene	12.70	180	4062	2.530	ug/L	97
68) 1,2,4-trichlorobenzene	13.32	180	2616	2.014	ug/L	96
69) Naphthalene	13.56	128	6954	1.656	ug/L	96
70) 1,2,3-Trichlorobenzene	13.80	180	2551	1.965	ug/L	97

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



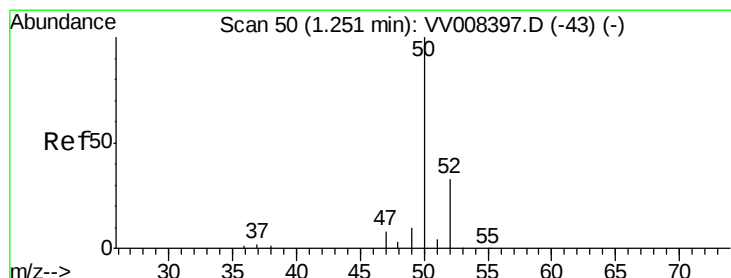
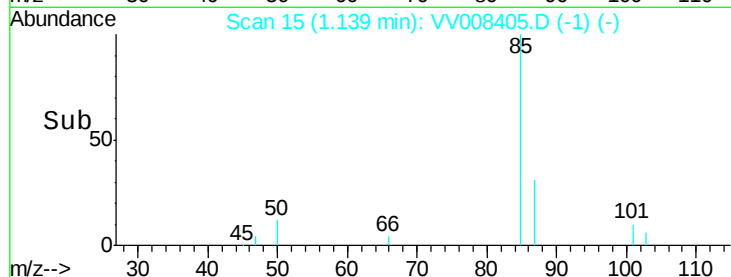
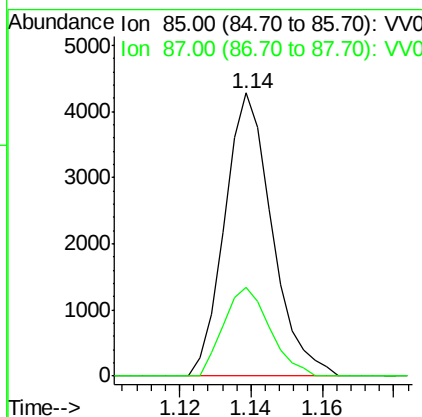
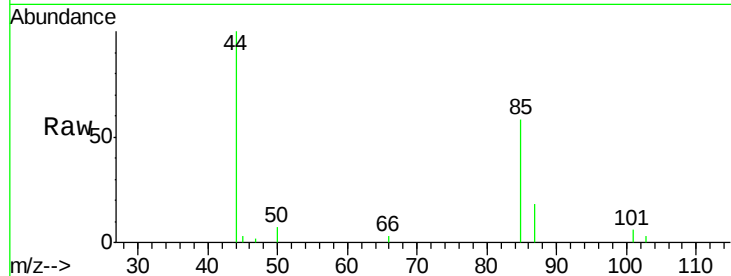
#2
 Dichlorodifluoromethane
 Concen: 2.840 ug/L
 RT: 1.14 min Scan# 15
 Delta R.T. -0.00 min
 Lab File: VV008405.D
 Acq: 24 Oct 2018 20:34

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

Tgt Ion: 85 Resp: 3935
 Ion Ratio Lower Upper
 85 100
 87 30.6 25.4 38.2

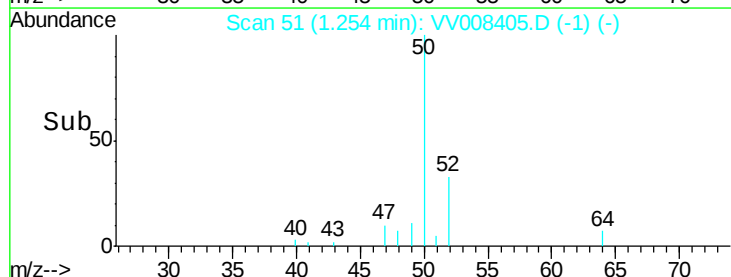
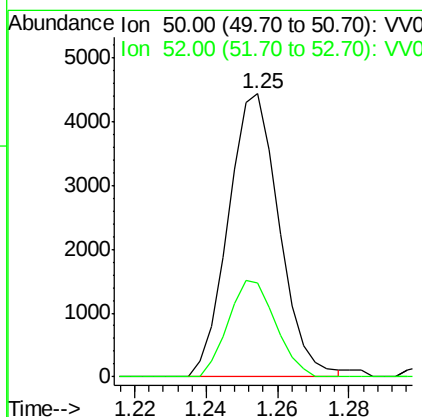
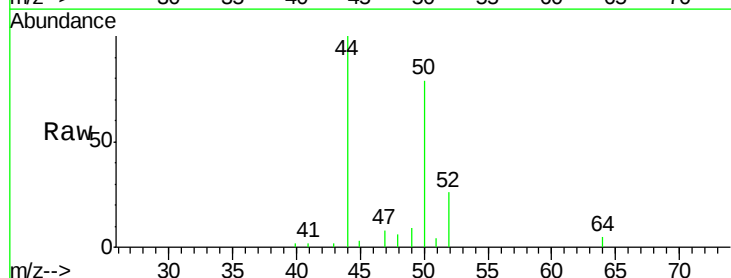
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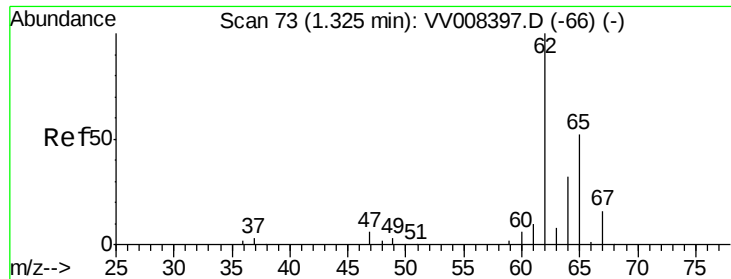
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#3
 Chloromethane
 Concen: 2.959 ug/L
 RT: 1.25 min Scan# 51
 Delta R.T. 0.00 min
 Lab File: VV008405.D
 Acq: 24 Oct 2018 20:34

Tgt Ion: 50 Resp: 4392
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.1 42.9





#5

Vinyl chloride

Concen: 2.831 ug/L

RT: 1.33 min Scan# 73

Delta R.T. -0.00 min

Lab File: VV008405.D

Acq: 24 Oct 2018 20:34

Instrument :

MSVOA_V

ClientSampled :

MDL07

Tgt Ion: 62 Resp: 3893

Ion Ratio Lower Upper

62 100

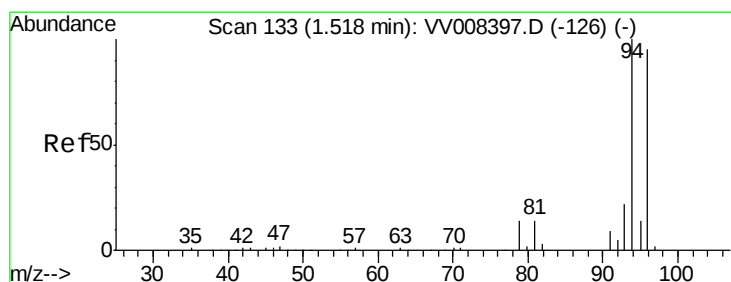
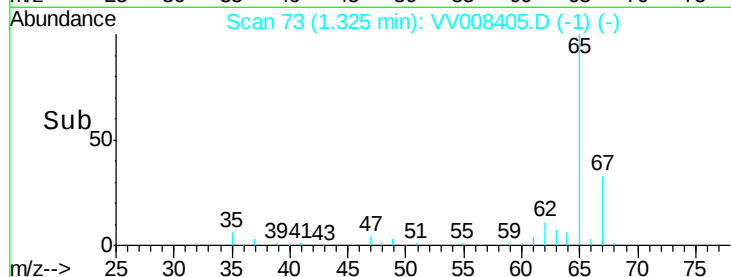
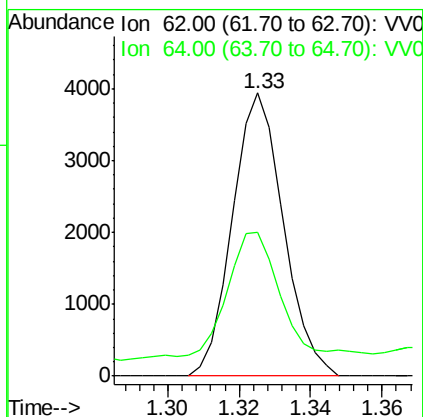
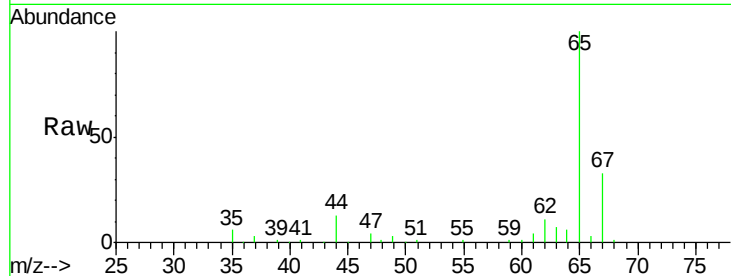
64 51.0 24.4 45.4#

Manual Integrations

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#6

Bromomethane

Concen: 3.146 ug/L

RT: 1.52 min Scan# 133

Delta R.T. -0.00 min

Lab File: VV008405.D

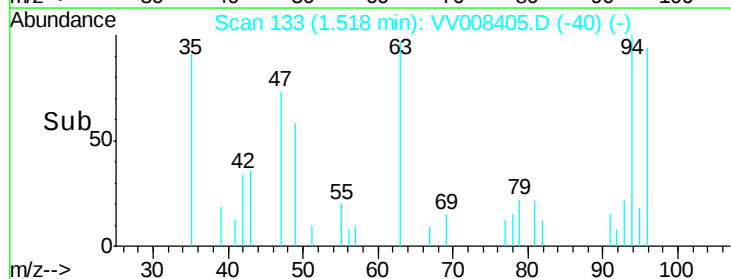
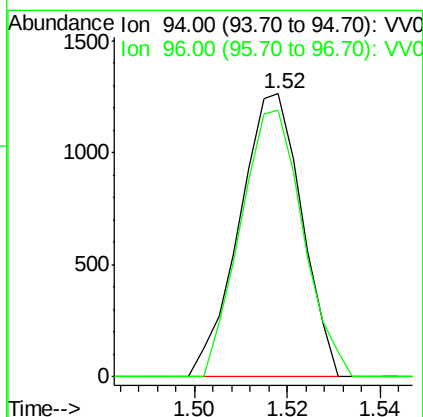
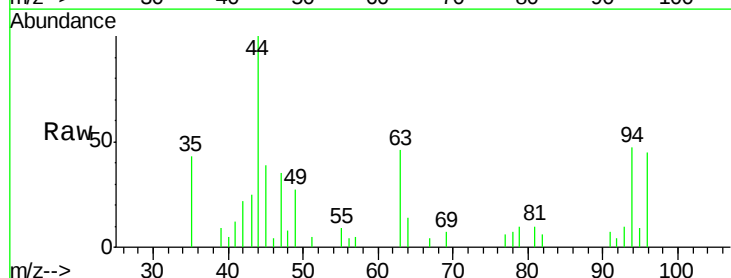
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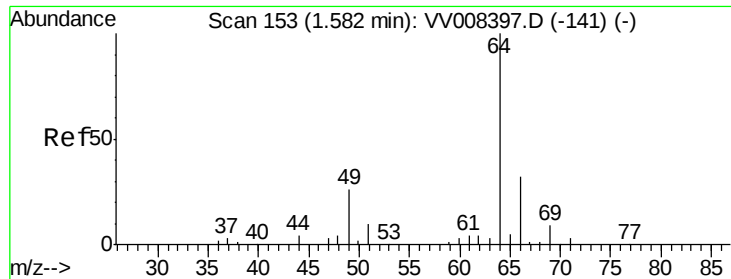
Tgt Ion: 94 Resp: 1187

Ion Ratio Lower Upper

94 100

96 94.5 63.8 118.6





#8

Chloroethane

Concen: 3.273 ug/L

RT: 1.58 min Scan# 153

Delta R.T. -0.00 min

Lab File: VV008405.D

Acq: 24 Oct 2018 20:34

Instrument :

MSVOA_V

ClientSampled :

MDL07

Tgt Ion: 64 Resp: 2365

Ion Ratio Lower Upper

64 100

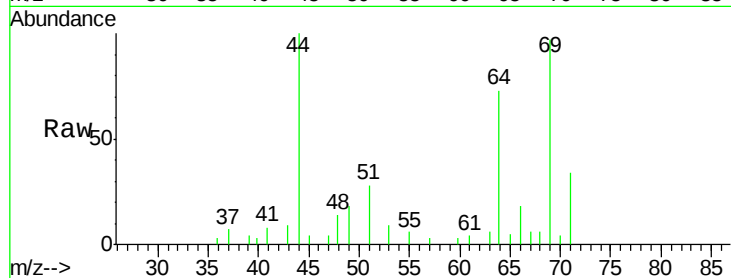
66 24.4 19.9 36.9

Manual Integrations

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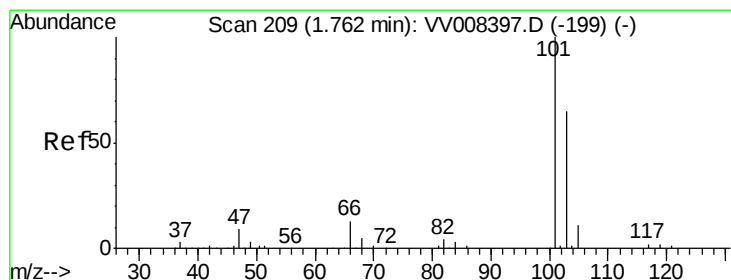
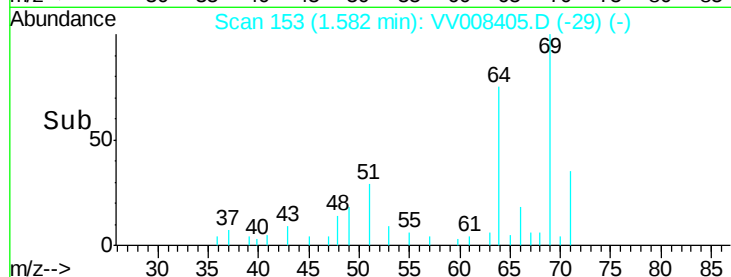
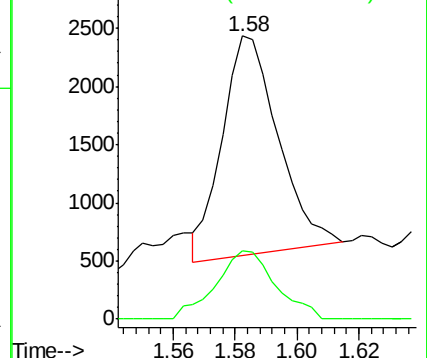
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Abundance Ion 64.00 (63.70 to 64.70): VV0

Ion 66.00 (65.70 to 66.70): VV0



#9

Trichlorofluoromethane

Concen: 2.837 ug/L

RT: 1.76 min Scan# 209

Delta R.T. -0.00 min

Lab File: VV008405.D

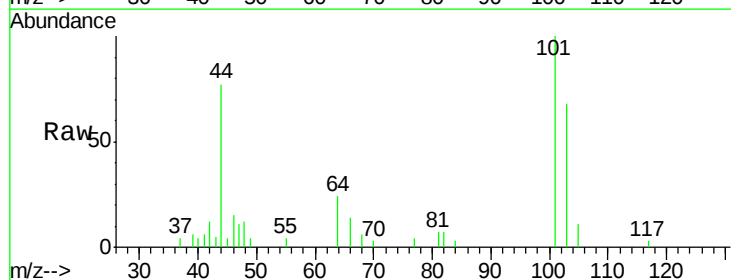
Acq: 24 Oct 2018 20:34

Tgt Ion: 101 Resp: 5022

Ion Ratio Lower Upper

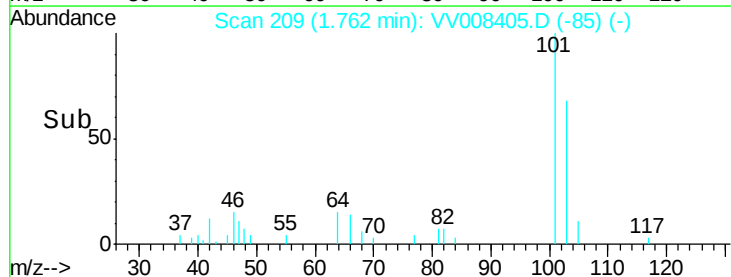
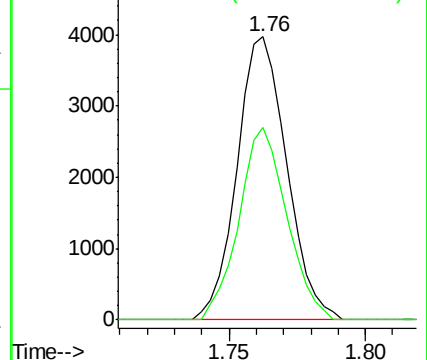
101 100

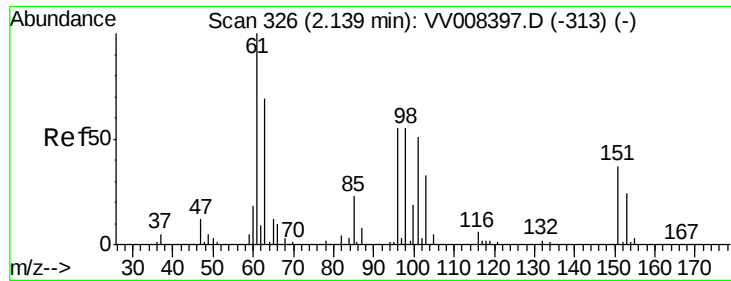
103 65.4 51.0 76.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#10

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

Concen: 3.372 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV008405.D

Acq: 24 Oct 2018 20:34

Instrument :

MSVOA_V

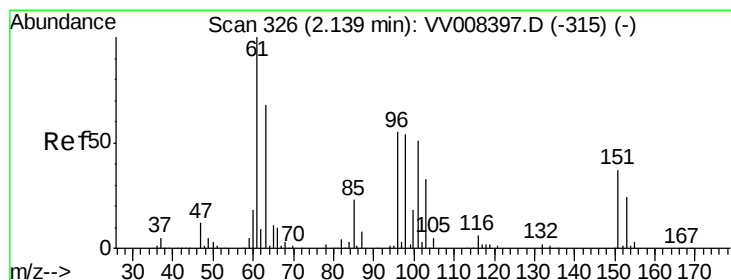
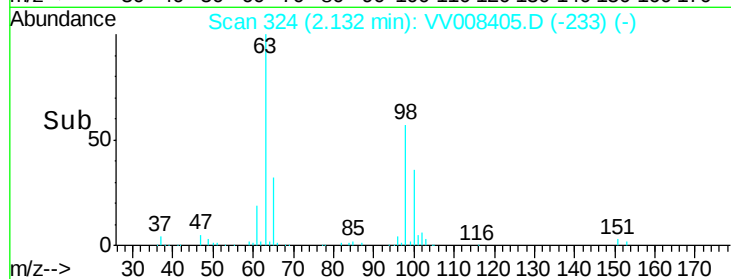
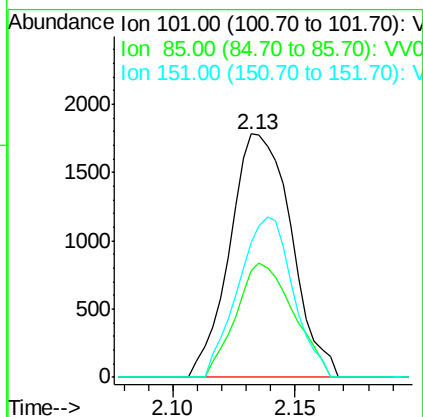
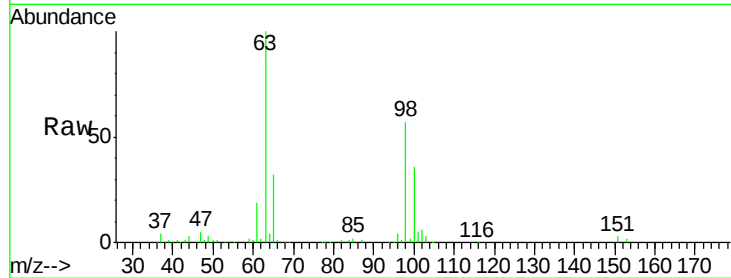
ClientSampled :

MDL07

Tgt Ion:	101	Resp:	3118
Ion Ratio	Lower	Upper	
101	100		
85	43.7	35.6	53.4
151	58.4	58.1	87.1

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#12

1,1-Dichloroethene

Concen: 3.235 ug/L

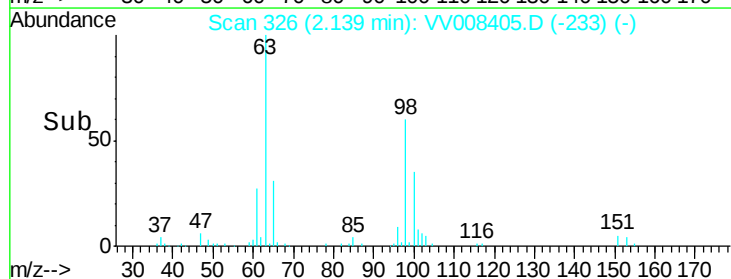
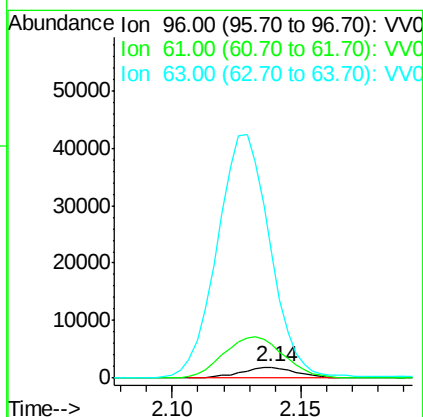
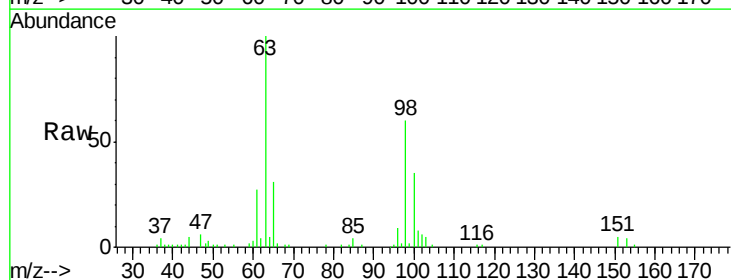
RT: 2.14 min Scan# 326

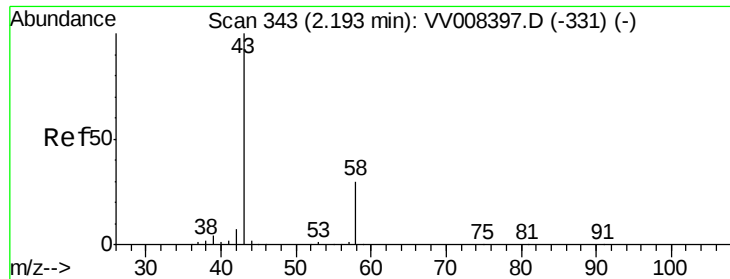
Delta R.T. -0.00 min

Lab File: VV008405.D

Acq: 24 Oct 2018 20:34

Tgt Ion:	96	Resp:	2816
Ion Ratio	Lower	Upper	
96	100		
61	310.2	130.3	242.1#
63	1160.6	84.4	156.8#





#13

Acetone

Concen: 5.485 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV008405.D

Acq: 24 Oct 2018 20:34

Instrument :

MSVOA_V

ClientSampled :

MDL07

Tgt Ion: 43 Resp: 4970

Ion Ratio Lower Upper

43 100

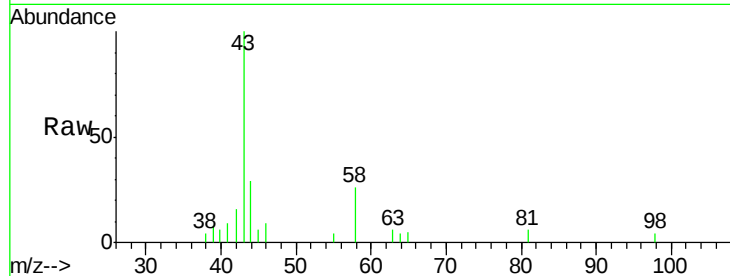
58 27.1 0.0 61.4

Manual Integrations

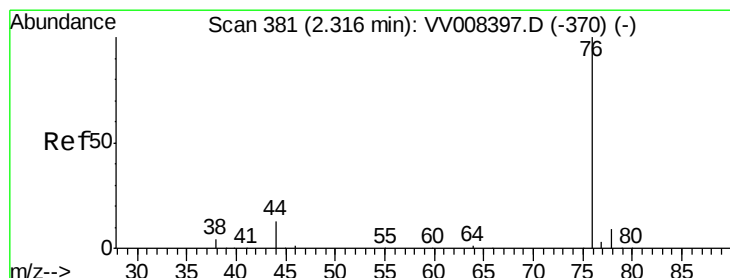
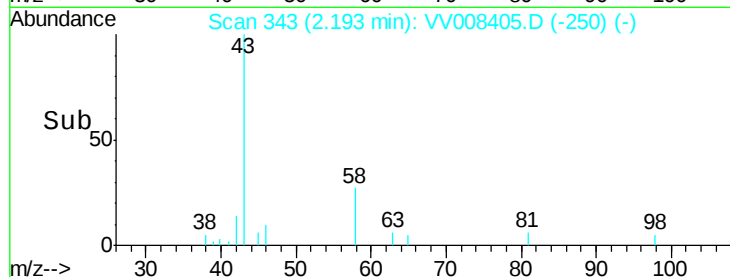
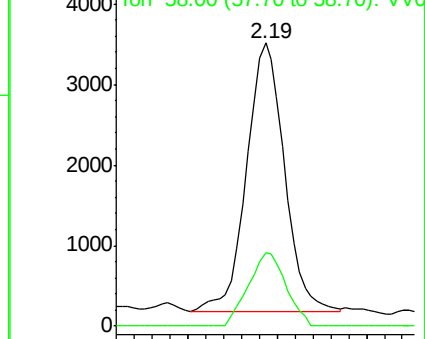
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Abundance Ion 43.00 (42.70 to 43.70): VV008405.D (-250) (-)



#14

Carbon disulfide

Concen: 2.849 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

Lab File: VV008405.D

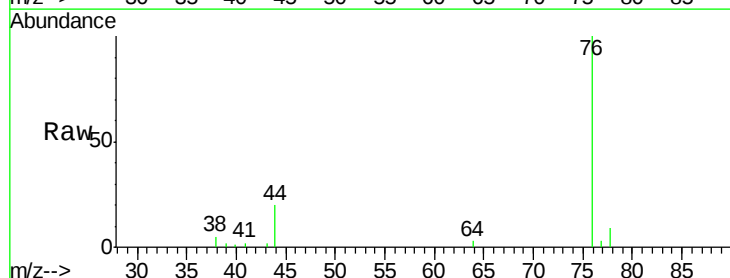
Acq: 24 Oct 2018 20:34

Tgt Ion: 76 Resp: 11172

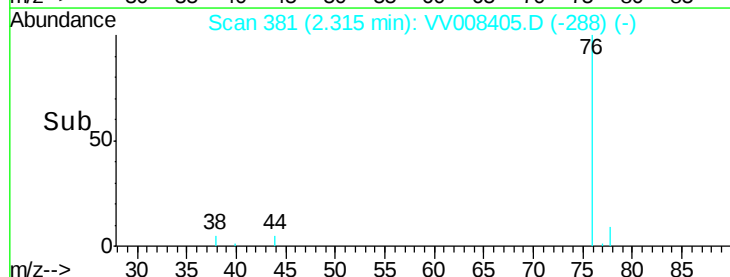
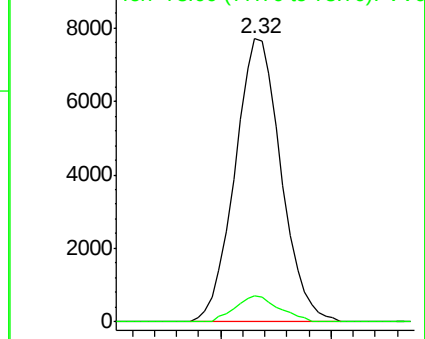
Ion Ratio Lower Upper

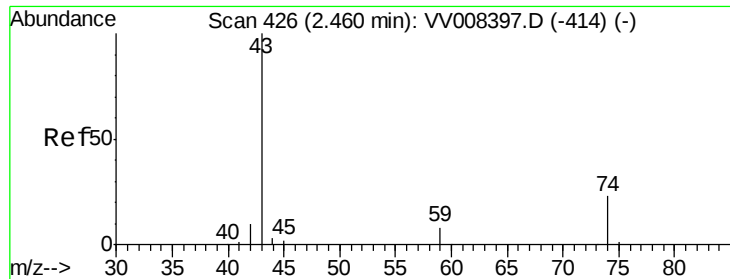
76 100

78 9.1 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VV008405.D (-288) (-)





#15

Methyl Acetate

Concen: 3.476 ug/L

RT: 2.46 min Scan# 427

Delta R.T. 0.00 min

Lab File: VV008405.D

Acq: 24 Oct 2018 20:34

Instrument :

MSVOA_V

ClientSampleId :

MDL07

Tgt Ion: 43 Resp: 6281

Ion Ratio Lower Upper

43 100

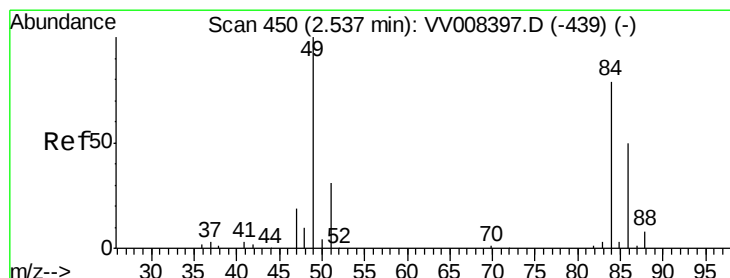
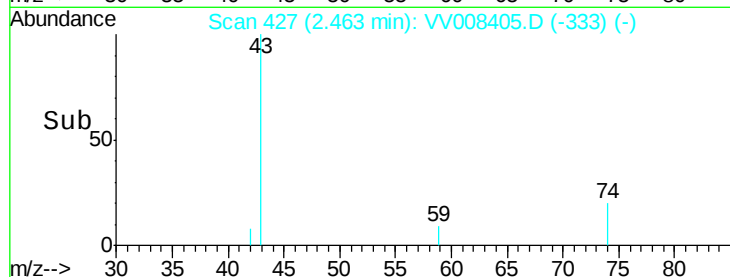
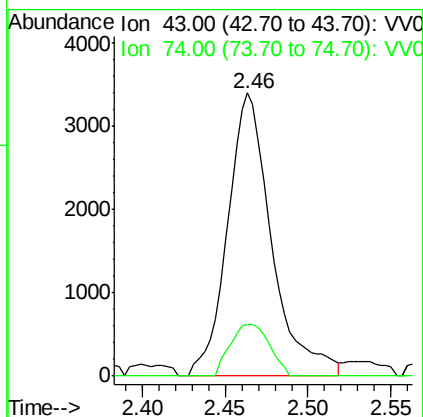
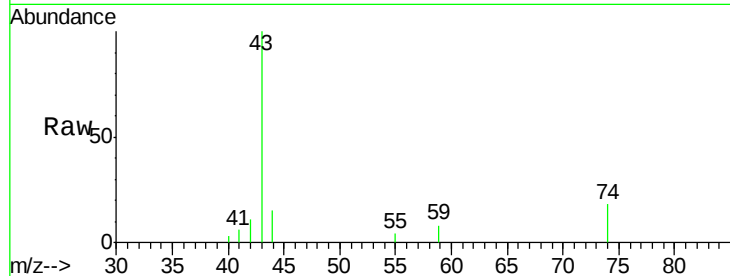
74 16.3 17.8 26.6#

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#16

Methylene chloride

Concen: 3.002 ug/L

RT: 2.54 min Scan# 450

Delta R.T. -0.00 min

Lab File: VV008405.D

Acq: 24 Oct 2018 20:34

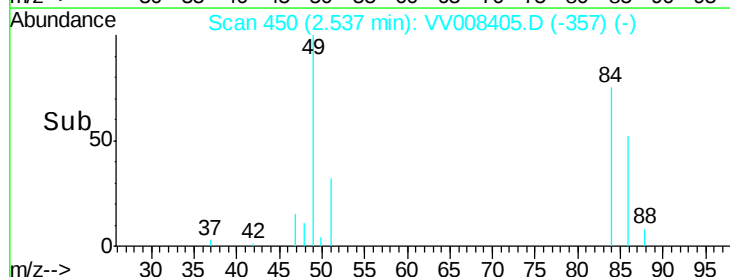
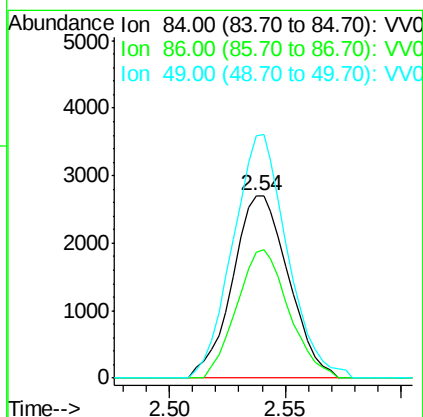
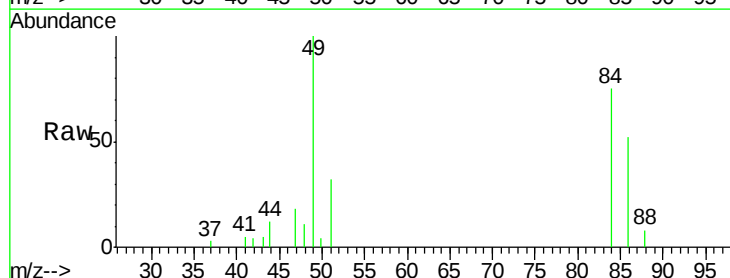
Tgt Ion: 84 Resp: 4526

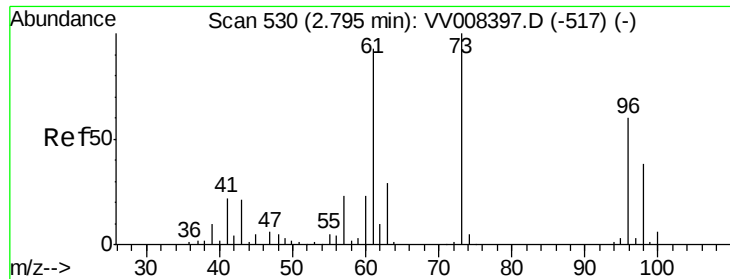
Ion Ratio Lower Upper

84 100

86 68.8 45.6 84.6

49 133.1 90.6 168.3





#17

trans-1,2-Dichloroethene

Concen: 3.006 ug/L

RT: 2.79 min Scan# 530

Delta R.T. -0.00 min

Lab File: VV008405.D

Acq: 24 Oct 2018 20:34

Instrument :

MSVOA_V

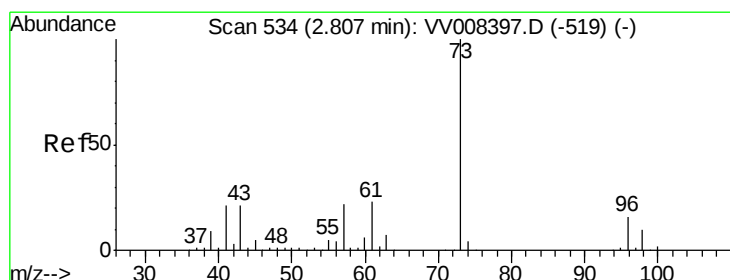
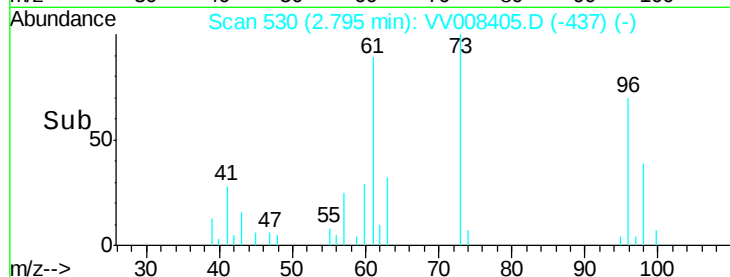
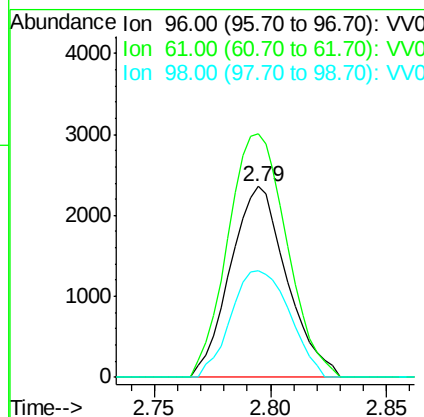
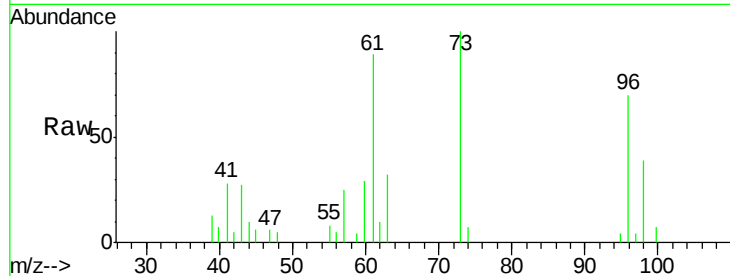
ClientSampleId :

MDL07

Tgt Ion:	96	Resp:	3989
Ion	Ratio	Lower	Upper
96	100		
61	127.7	108.6	201.6
98	55.8	44.3	82.3

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#18

Methyl tert-butyl Ether

Concen: 2.836 ug/L

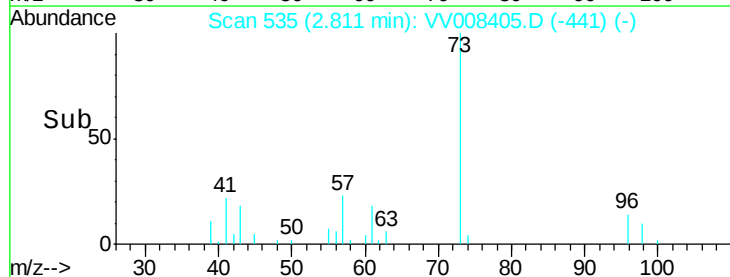
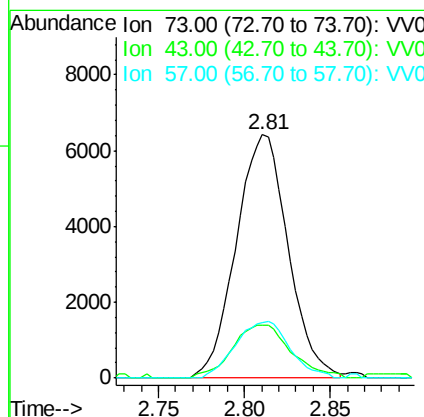
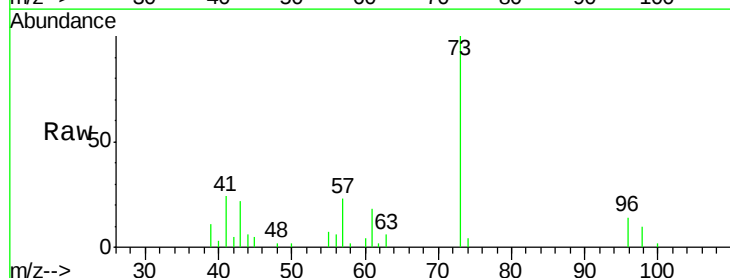
RT: 2.81 min Scan# 535

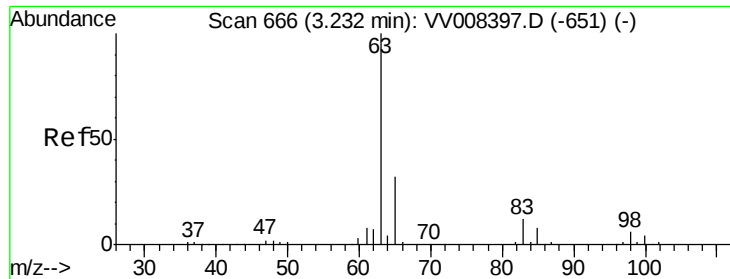
Delta R.T. 0.00 min

Lab File: VV008405.D

Acq: 24 Oct 2018 20:34

Tgt Ion:	73	Resp:	13470
Ion	Ratio	Lower	Upper
73	100		
43	24.9	16.2	24.4#
57	24.4	18.2	27.2





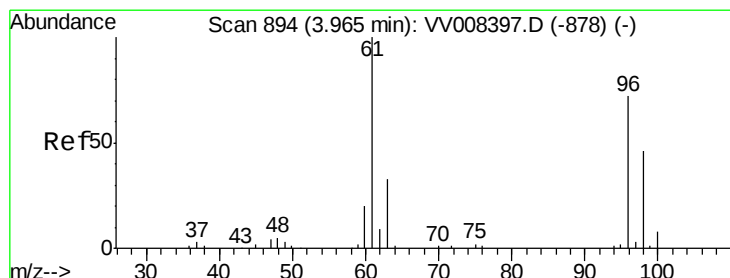
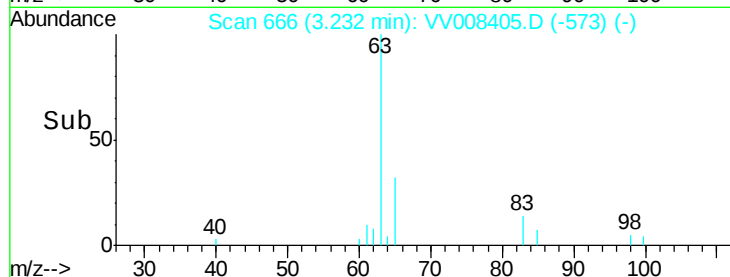
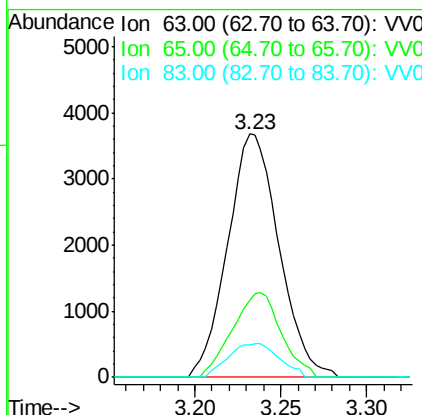
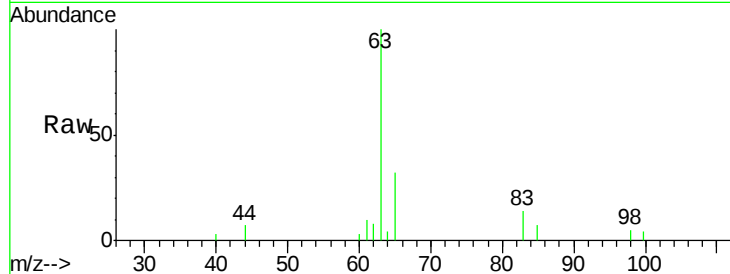
#19
 1,1-Dichloroethane
 Concen: 2.790 ug/L
 RT: 3.23 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: VV008405.D
 Acq: 24 Oct 2018 20:34

Instrument :
 MSVOA_V
 ClientSampleID :
 MDL07

Tgt Ion: 63 Resp: 7637
 Ion Ratio Lower Upper
 63 100
 65 31.7 22.0 40.8
 83 13.5 9.3 17.3

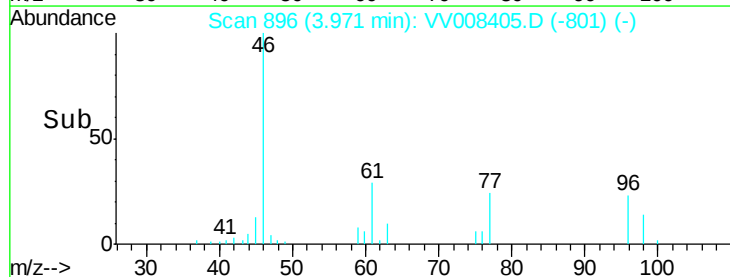
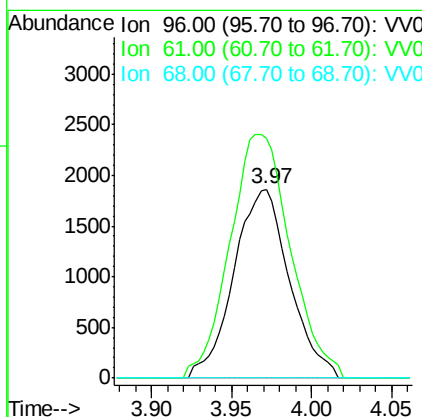
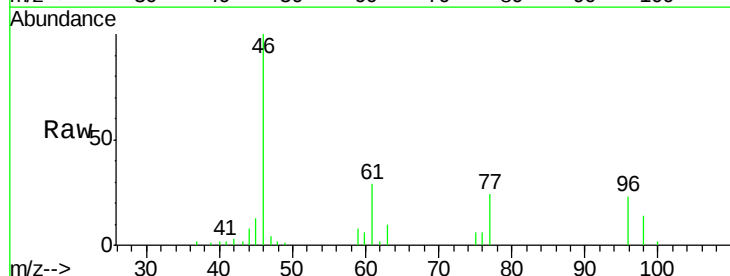
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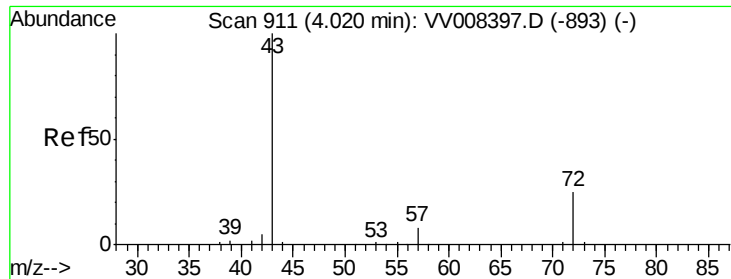
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#20
 cis-1,2-Dichloroethene
 Concen: 2.939 ug/L
 RT: 3.97 min Scan# 896
 Delta R.T. 0.01 min
 Lab File: VV008405.D
 Acq: 24 Oct 2018 20:34

Tgt Ion: 96 Resp: 4443
 Ion Ratio Lower Upper
 96 100
 61 127.3 100.9 187.5
 68 0.0 0.0 0.0





#22

2-Butanone

Concen: 4.605 ug/L

RT: 4.03 min Scan# 915

Delta R.T. 0.01 min

Lab File: VV008405.D

Acq: 24 Oct 2018 20:34

Instrument :

MSVOA_V

ClientSampled :

MDL07

Tgt Ion: 43 Resp: 6029

Ion Ratio Lower Upper

43 100

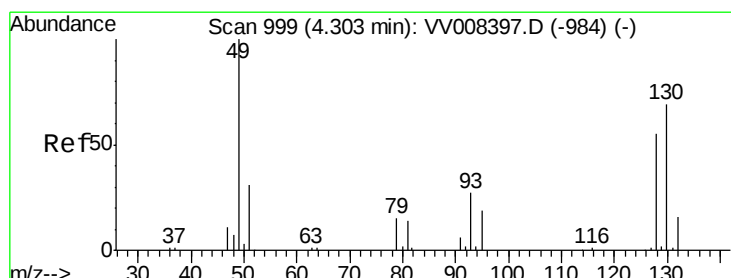
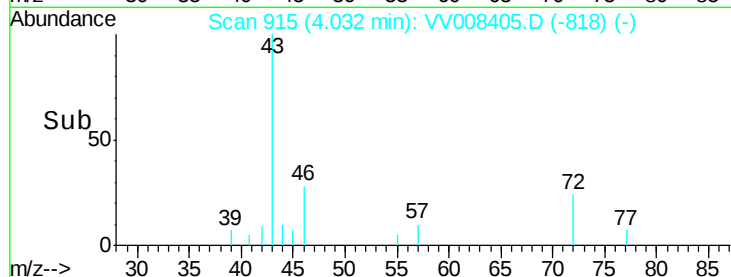
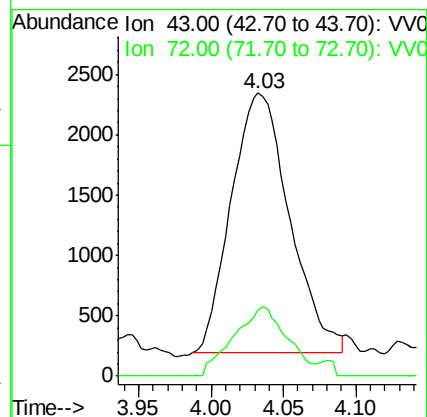
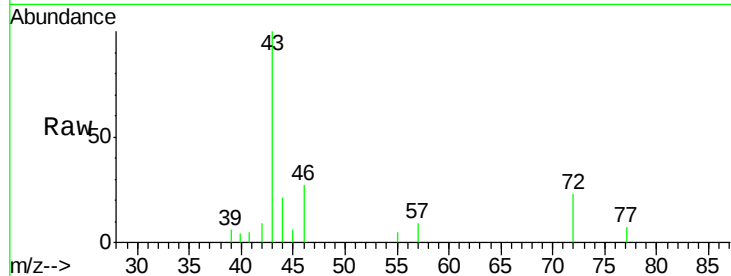
72 24.5 13.0 38.9

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#23

Bromochloromethane

Concen: 2.463 ug/L m

RT: 4.30 min Scan# 999

Delta R.T. -0.00 min

Lab File: VV008405.D

Acq: 24 Oct 2018 20:34

Tgt Ion: 128 Resp: 1756

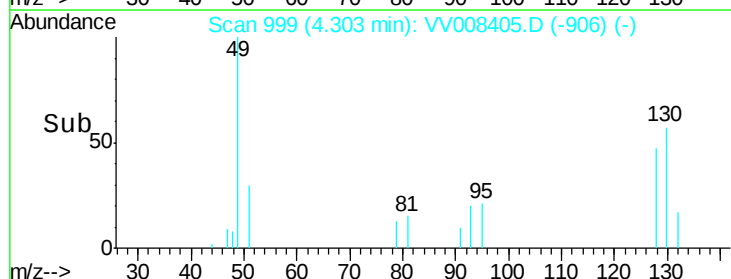
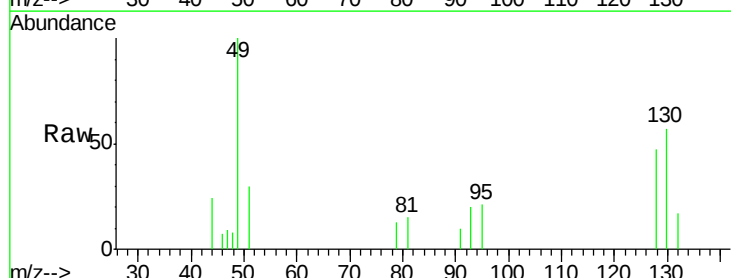
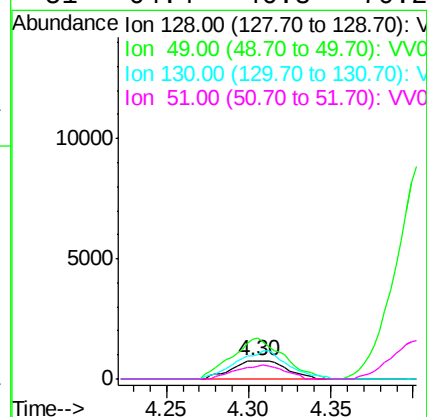
Ion Ratio Lower Upper

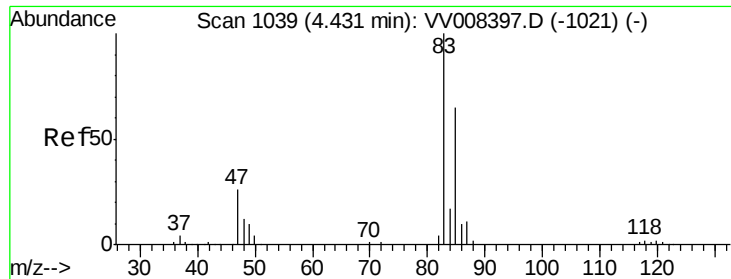
128 100

49 214.7 128.0 237.8

130 123.1 89.2 165.8

51 64.4 46.8 70.2





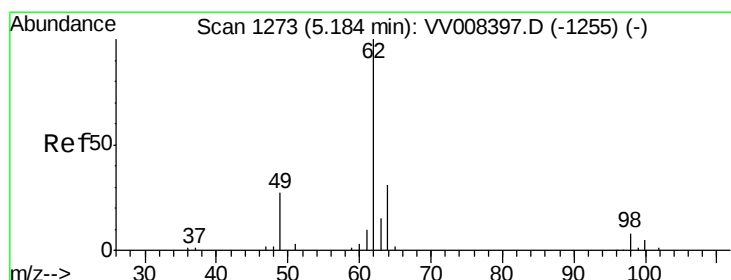
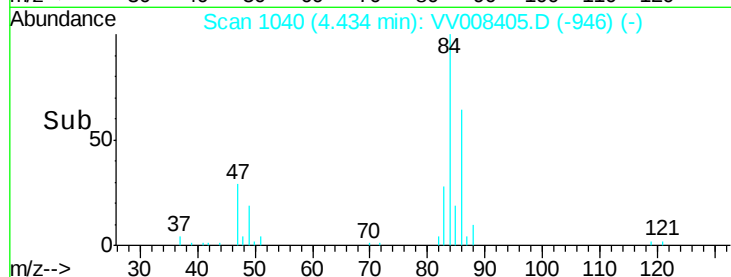
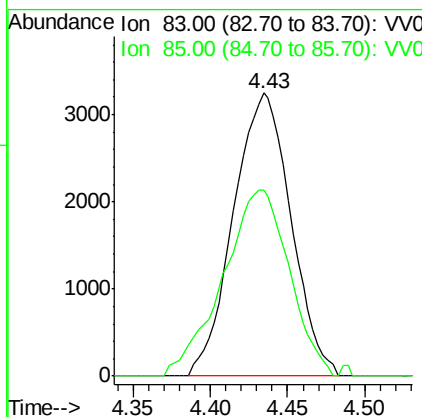
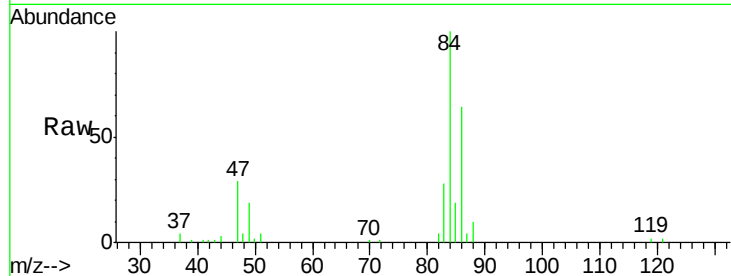
#25
Chloroform
Concen: 3.140 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VV008405.D
Acq: 24 Oct 2018 20:34

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Tgt Ion: 83 Resp: 8390
Ion Ratio Lower Upper
83 100
85 65.9 45.8 85.2

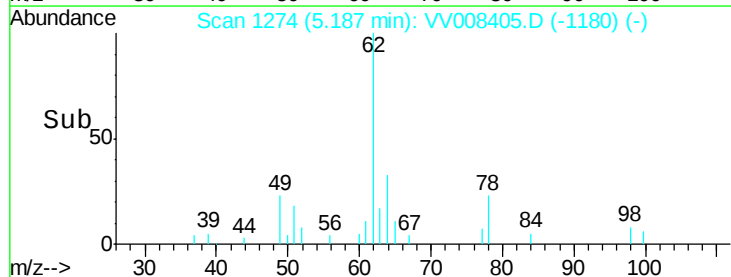
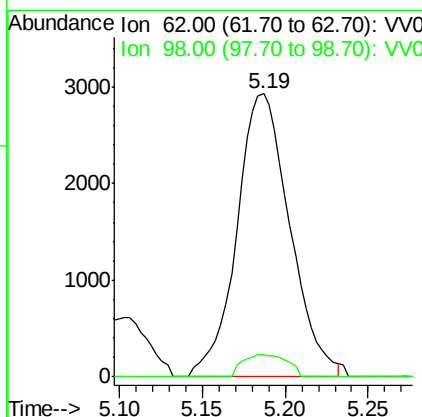
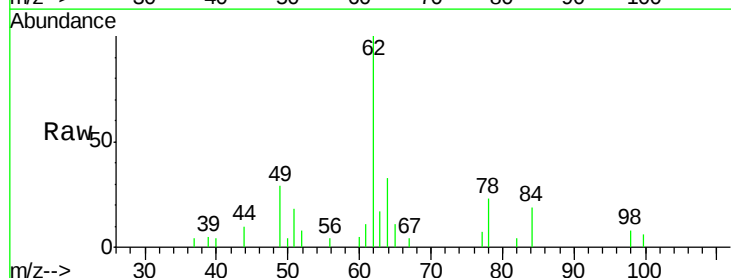
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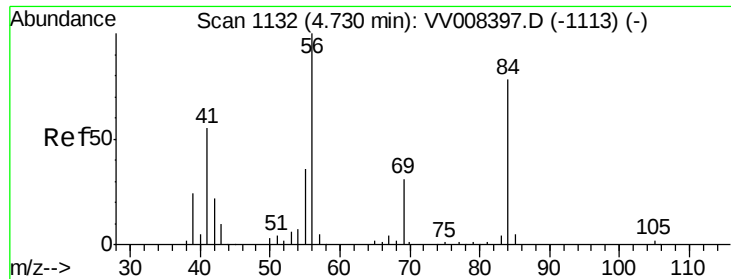
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#27
1,2-Dichloroethane
Concen: 2.914 ug/L
RT: 5.19 min Scan# 1274
Delta R.T. 0.00 min
Lab File: VV008405.D
Acq: 24 Oct 2018 20:34

Tgt Ion: 62 Resp: 6503
Ion Ratio Lower Upper
62 100
98 7.7 6.6 9.8





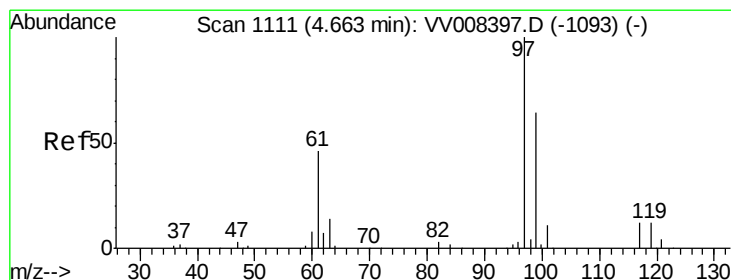
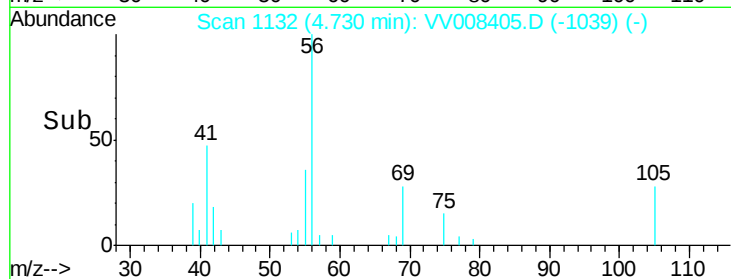
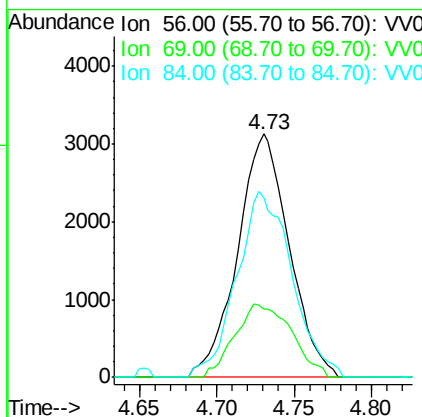
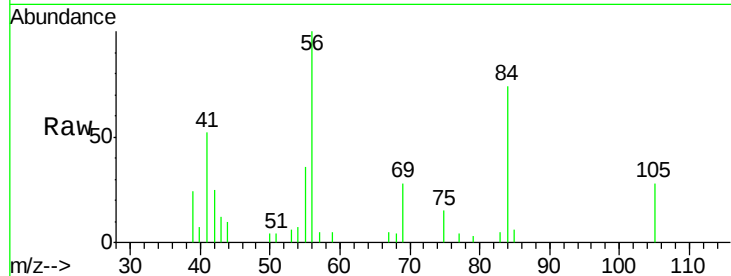
#29
Cyclohexane
Concen: 2.814 ug/L
RT: 4.73 min Scan# 1132
Delta R.T. -0.00 min
Lab File: VV008405.D
Acq: 24 Oct 2018 20:34

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.9	24.6	37.0
84	81.5	65.0	97.4

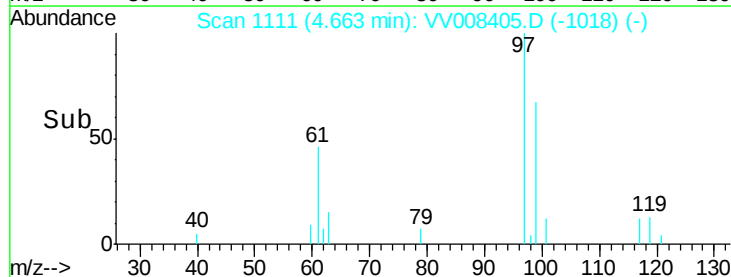
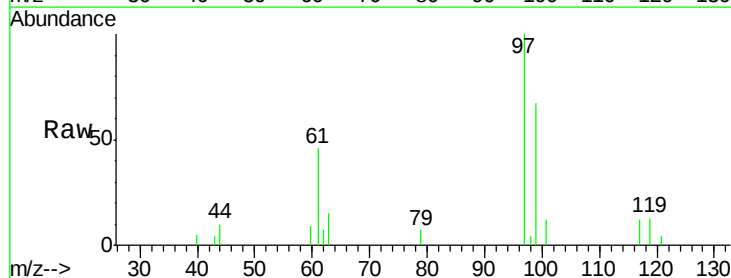
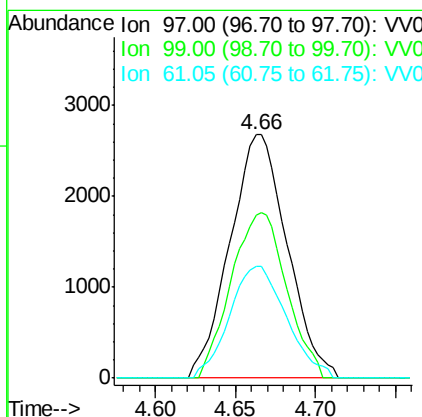
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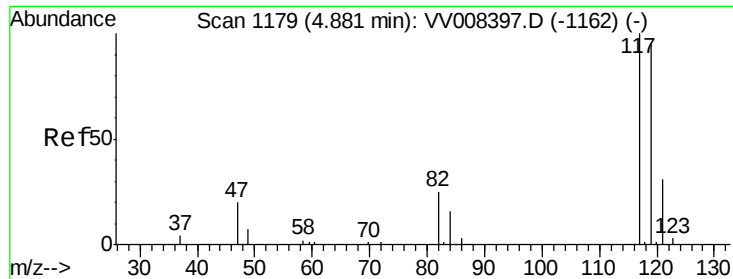
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#30
1,1,1-Trichloroethane
Concen: 2.851 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VV008405.D
Acq: 24 Oct 2018 20:34

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.7	51.6	77.4
61	45.7	36.5	54.7





#31

Carbon tetrachloride

Concen: 2.792 ug/L

RT: 4.88 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VV008405.D

Acq: 24 Oct 2018 20:34

Instrument :

MSVOA_V

ClientSampleId :

MDL07

Tgt Ion:117 Resp: 5448

Ion Ratio Lower Upper

117 100

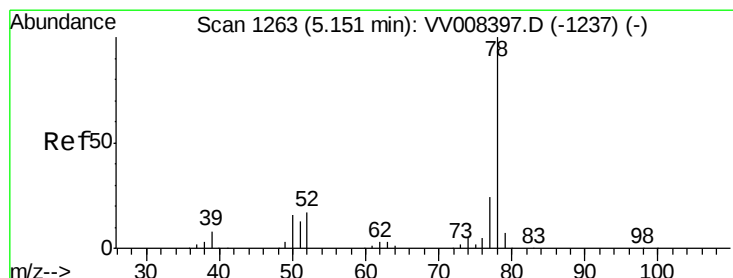
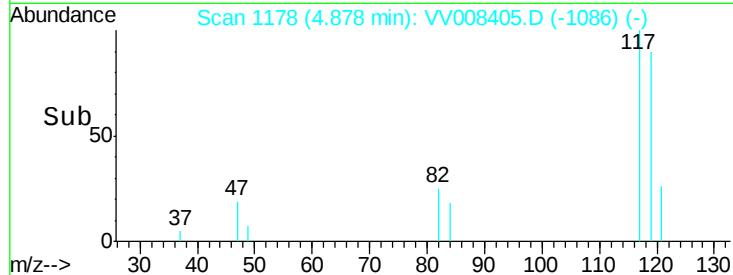
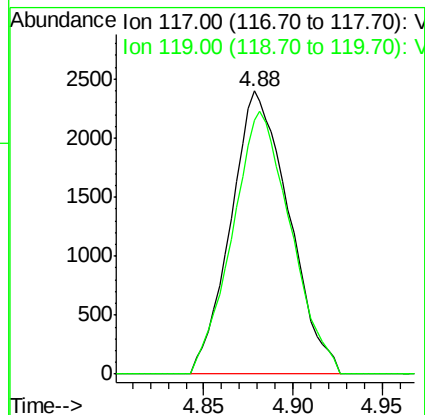
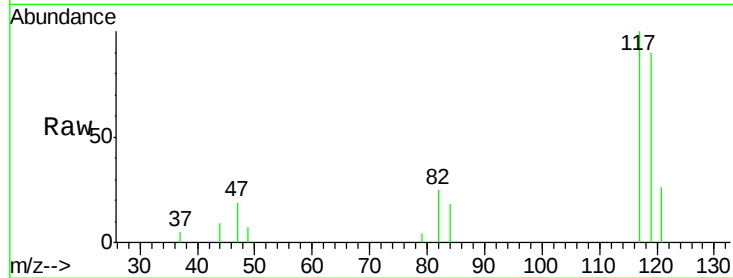
119 93.1 75.8 113.8

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#33

Benzene

Concen: 2.957 ug/L

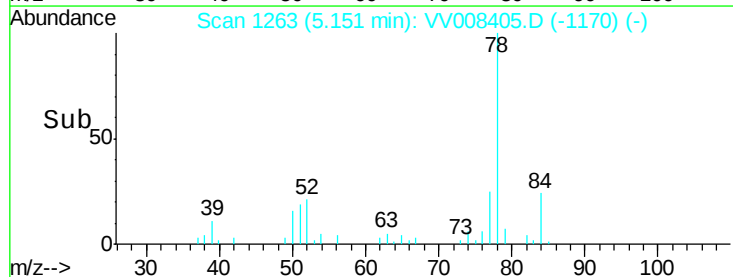
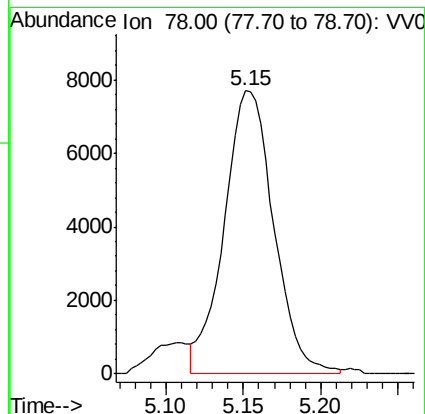
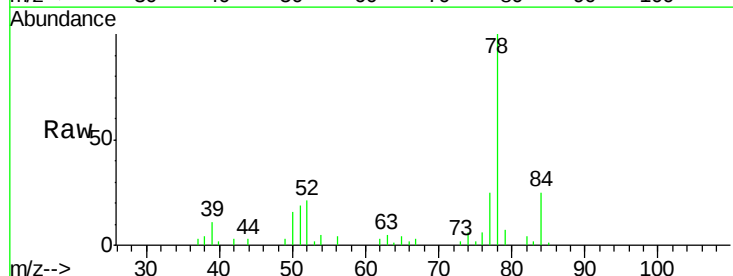
RT: 5.15 min Scan# 1263

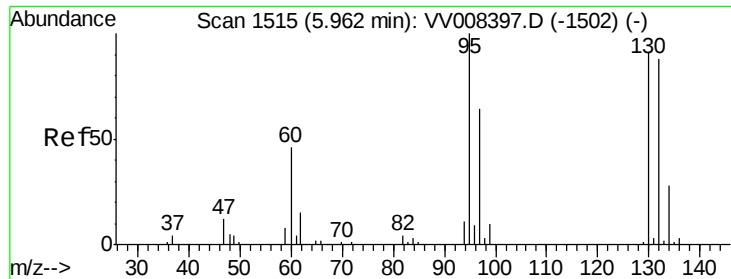
Delta R.T. -0.00 min

Lab File: VV008405.D

Acq: 24 Oct 2018 20:34

Tgt Ion: 78 Resp: 17136





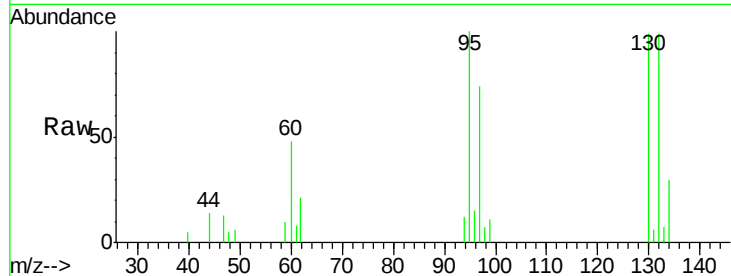
#34
 Trichloroethene
 Concen: 2.807 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: VV008405.D
 Acq: 24 Oct 2018 20:34

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

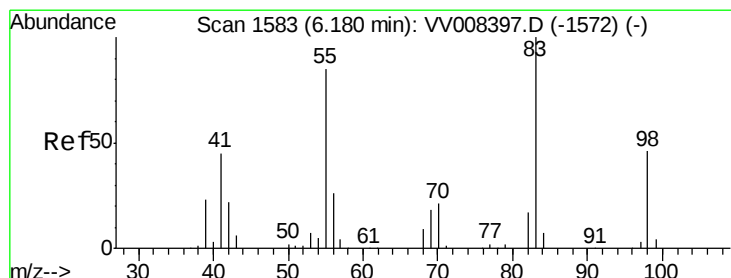
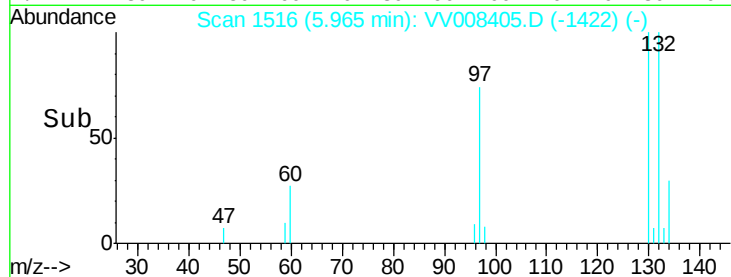
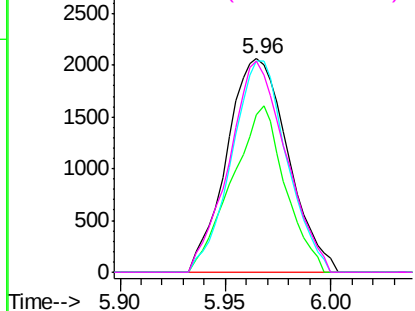
Tgt Ion: 95 Resp: 4165
 Ion Ratio Lower Upper
 95 100
 97 73.8 45.2 84.0
 132 99.2 63.8 118.6
 130 98.7 64.7 120.1

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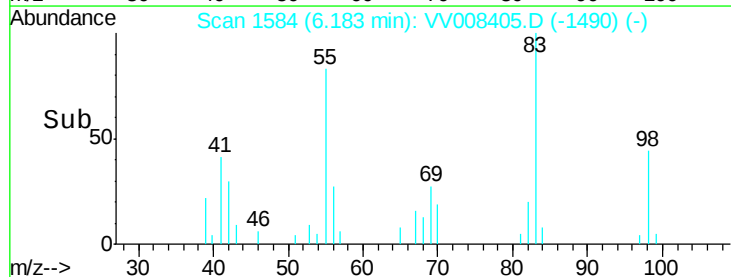
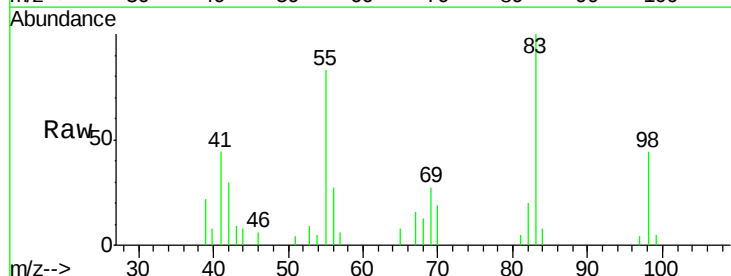
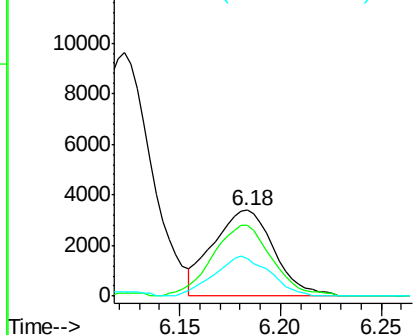
Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

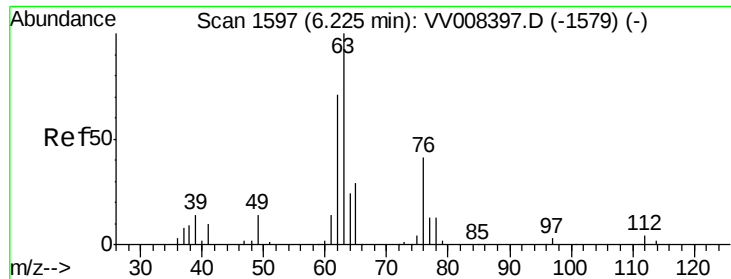


#35
 Methylcyclohexane
 Concen: 2.833 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VV008405.D
 Acq: 24 Oct 2018 20:34

Tgt Ion: 83 Resp: 7147
 Ion Ratio Lower Upper
 83 100
 55 80.7 65.0 97.4
 98 42.3 36.0 54.0

Abundance Ion 83.00 (82.70 to 83.70): VV0
 Ion 55.00 (54.70 to 55.70): VV0
 Ion 98.00 (97.70 to 98.70): VV0





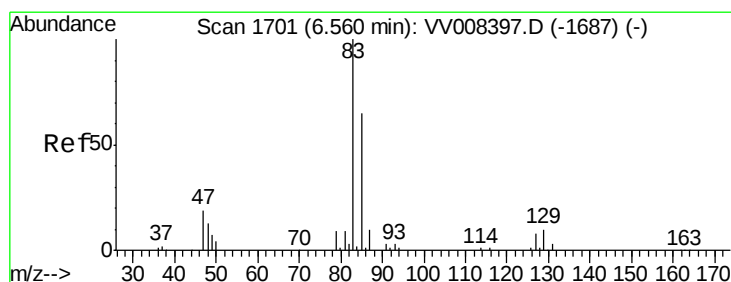
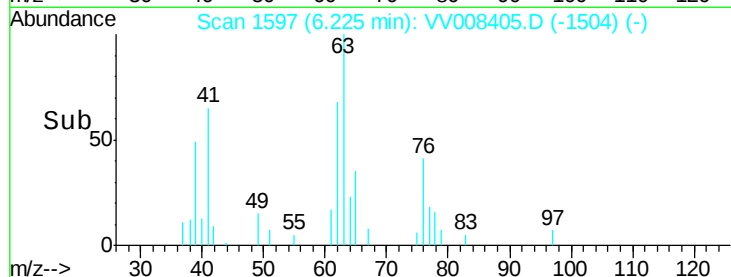
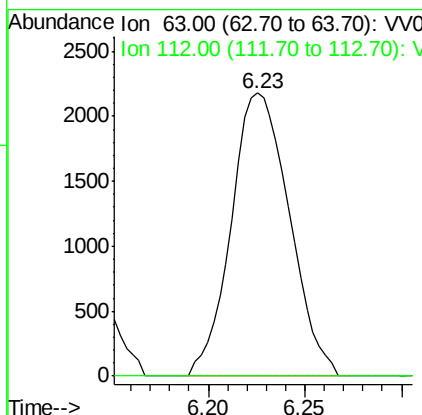
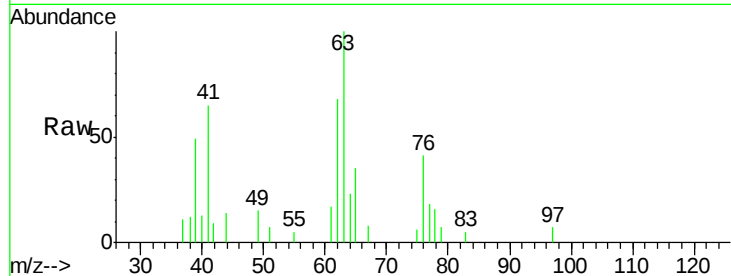
#37
 1,2-Dichloropropane
 Concen: 2.842 ug/L
 RT: 6.23 min Scan# 1597
 Delta R.T. -0.00 min
 Lab File: VV008405.D
 Acq: 24 Oct 2018 20:34

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

Tgt Ion: 63 Resp: 4549
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#

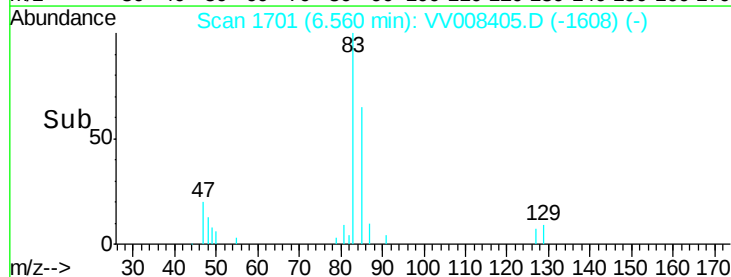
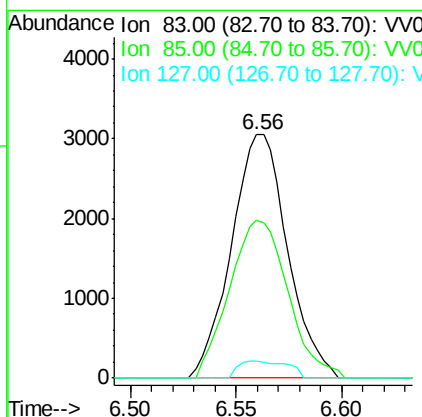
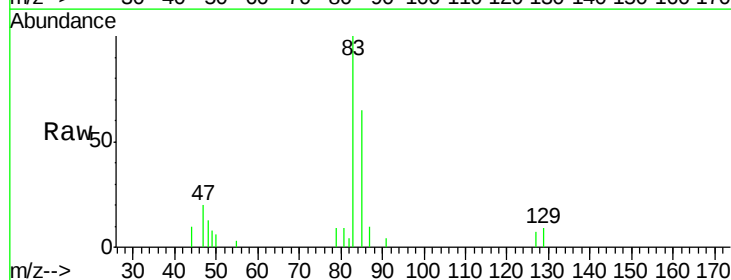
Manual Integrations
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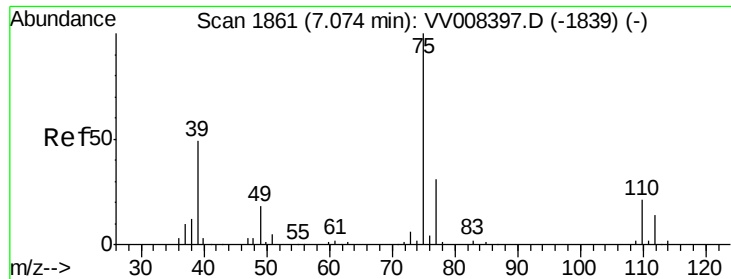
apatel
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#38
 Bromodichloromethane
 Concen: 2.768 ug/L
 RT: 6.56 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: VV008405.D
 Acq: 24 Oct 2018 20:34

Tgt Ion: 83 Resp: 5645
 Ion Ratio Lower Upper
 83 100
 85 64.7 44.3 82.3
 127 6.8 6.3 9.5





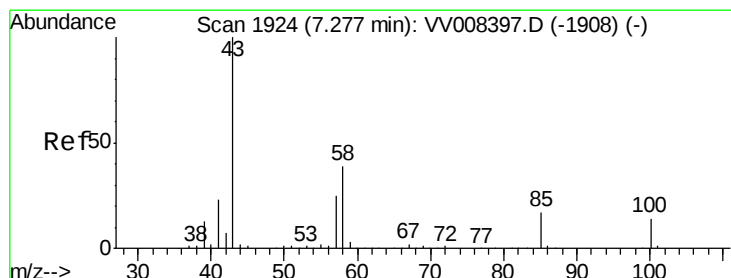
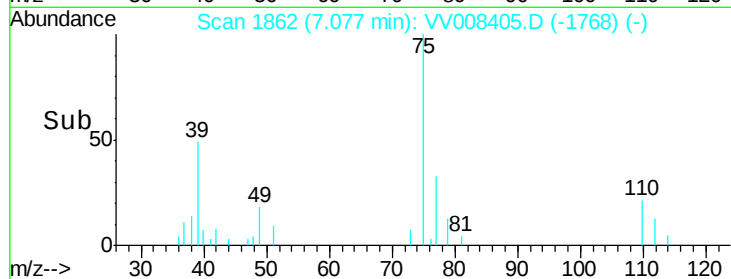
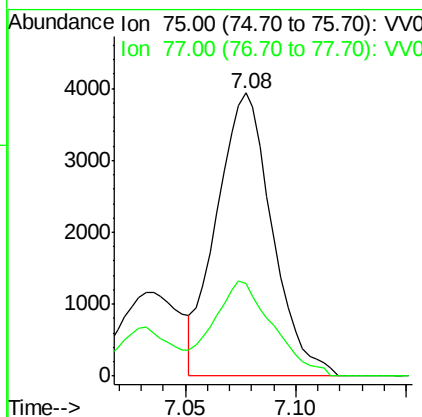
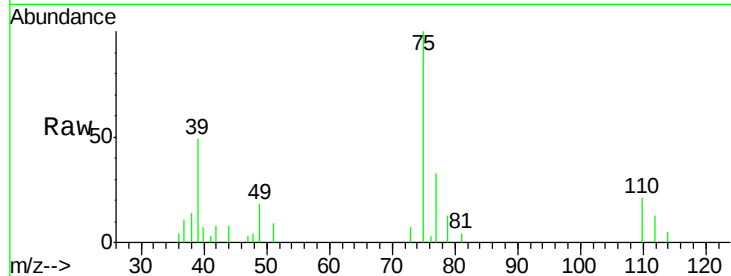
#39
 cis-1,3-Dichloropropene
 Concen: 2.727 ug/L
 RT: 7.08 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VV008405.D
 Acq: 24 Oct 2018 20:34

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

Tgt Ion: 75 Resp: 6862
 Ion Ratio Lower Upper
 75 100
 77 32.9 22.6 42.0

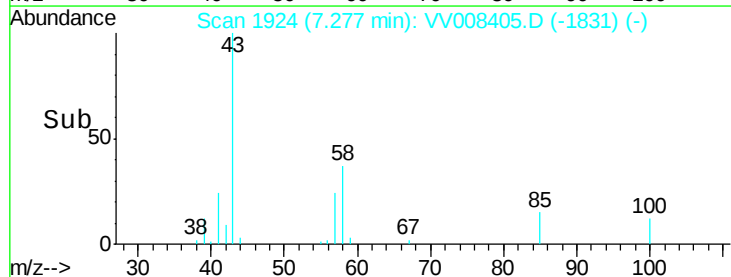
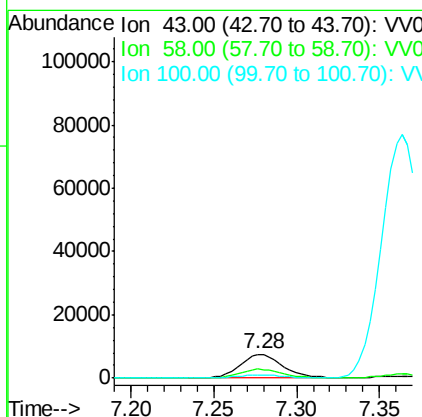
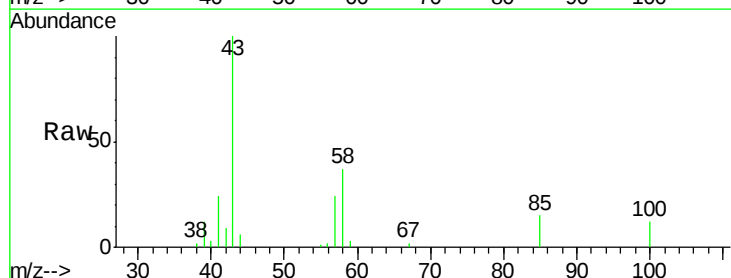
Manual Integrations
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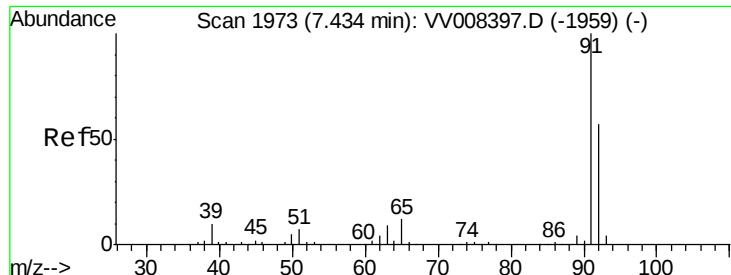
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#40
 4-Methyl-2-pentanone
 Concen: 5.702 ug/L
 RT: 7.28 min Scan# 1924
 Delta R.T. -0.00 min
 Lab File: VV008405.D
 Acq: 24 Oct 2018 20:34

Tgt Ion: 43 Resp: 13514
 Ion Ratio Lower Upper
 43 100
 58 36.8 30.9 46.3
 100 13.0 10.9 16.3





#42

Toluene

Concen: 2.914 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VV008405.D

Acq: 24 Oct 2018 20:34

Instrument :

MSVOA_V

ClientSampled :

MDL07

Tgt Ion: 91 Resp: 17540

Ion Ratio Lower Upper

91 100

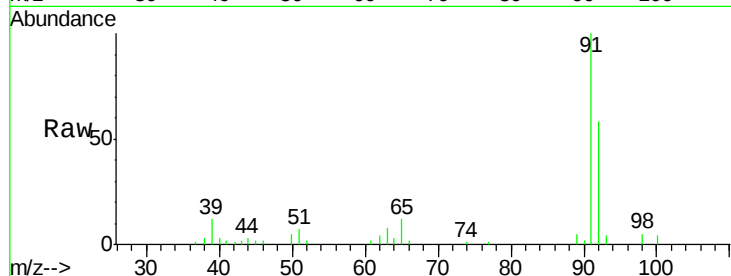
92 58.0 39.5 73.4

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VV008397.D (-1959) (-)

Ion 92.00 (91.70 to 92.70): VV008397.D (-1959) (-)

7.43

10000

8000

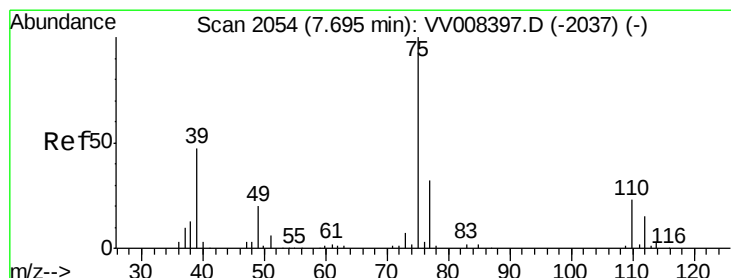
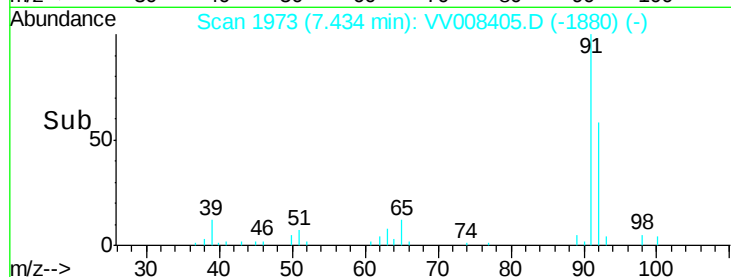
6000

4000

2000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 3.397 ug/L

RT: 7.70 min Scan# 2055

Delta R.T. 0.00 min

Lab File: VV008405.D

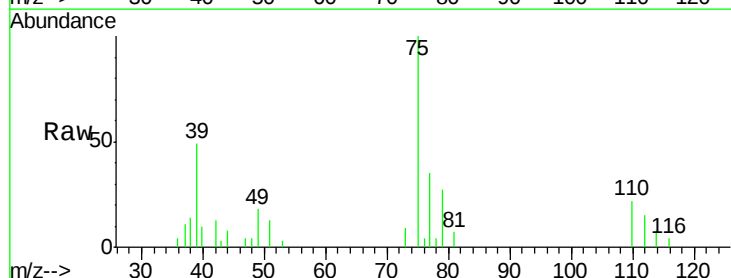
Acq: 24 Oct 2018 20:34

Tgt Ion: 75 Resp: 7998

Ion Ratio Lower Upper

75 100

77 34.9 21.8 40.4



Abundance Ion 75.00 (74.70 to 75.70): VV008397.D (-2037) (-)

Ion 77.00 (76.70 to 77.70): VV008397.D (-2037) (-)

7.70

4000

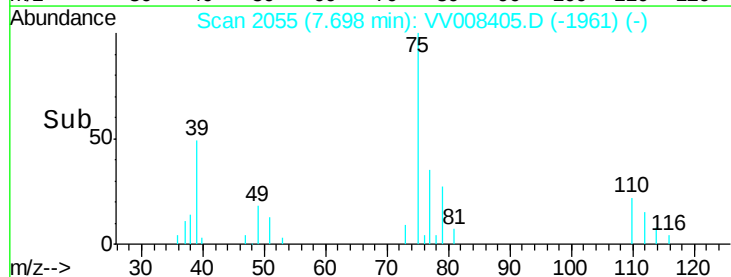
3000

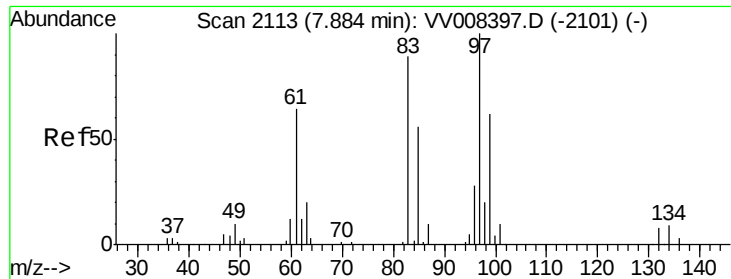
2000

1000

0

Time-->





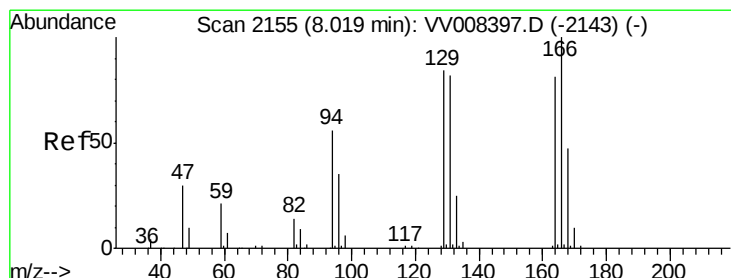
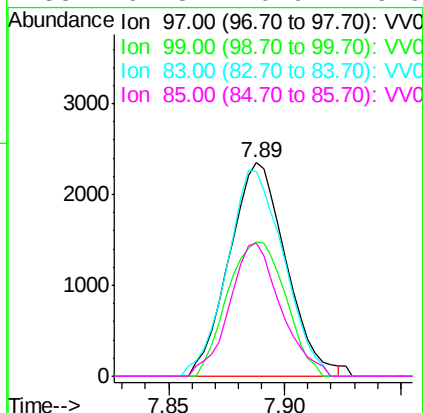
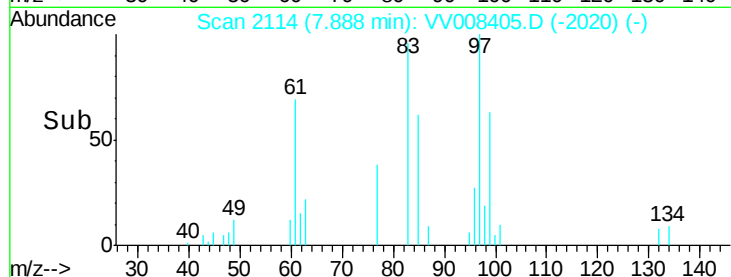
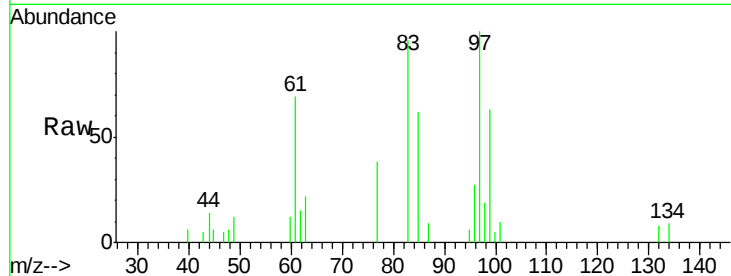
#45
 1,1,2-Trichloroethane
 Concen: 2.822 ug/L
 RT: 7.89 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VV008405.D
 Acq: 24 Oct 2018 20:34

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.0	43.3	80.3
83	95.9	61.9	114.9
85	62.3	40.9	75.9

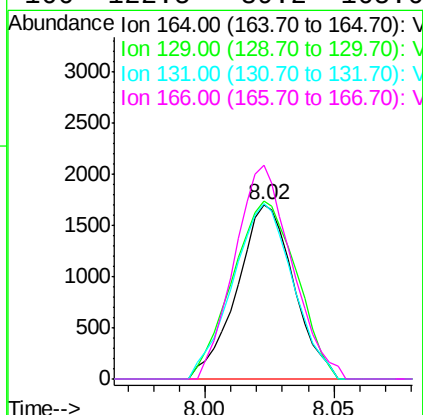
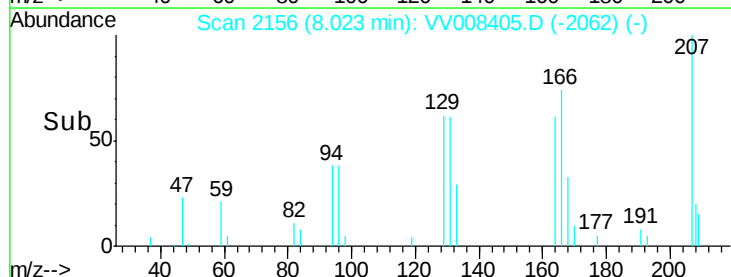
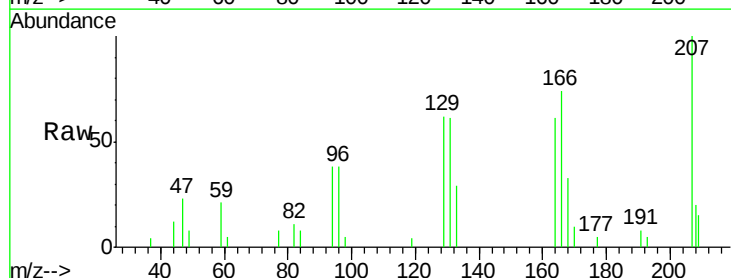
Manual Integrations
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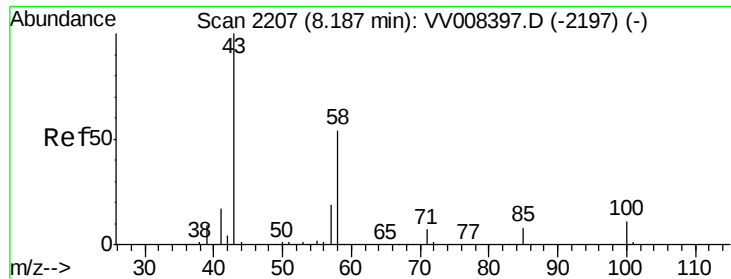
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#46
 Tetrachloroethene
 Concen: 2.700 ug/L
 RT: 8.02 min Scan# 2156
 Delta R.T. 0.00 min
 Lab File: VV008405.D
 Acq: 24 Oct 2018 20:34

Tgt Ion	Ratio	Lower	Upper
164	100		
129	102.4	75.0	139.2
131	100.6	71.3	132.3
166	122.5	89.2	165.6





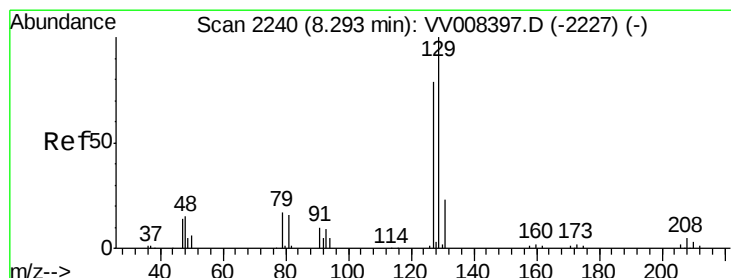
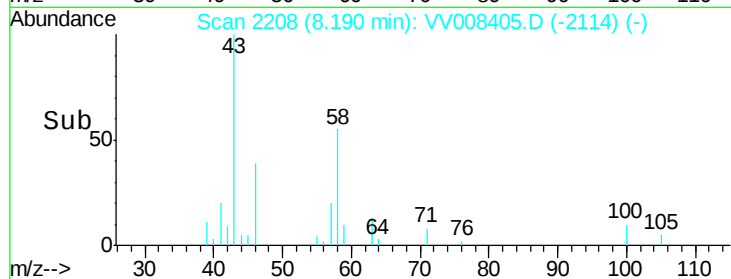
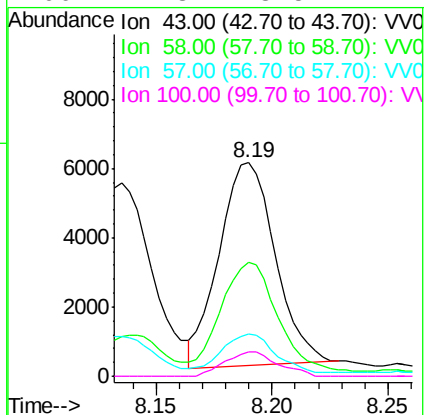
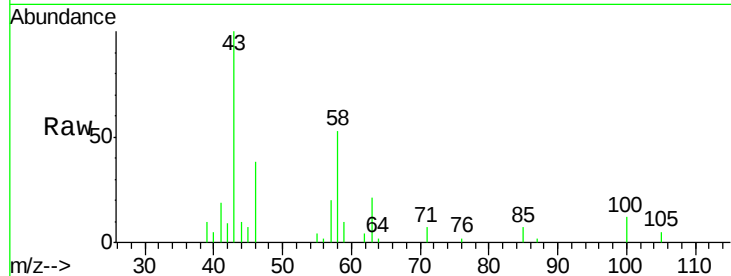
#48
2-Hexanone
Concen: 5.391 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VV008405.D
Acq: 24 Oct 2018 20:34

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
58	60.8	42.6	63.8	
57	18.7	14.8	22.2	
100	11.3	8.5	12.7	

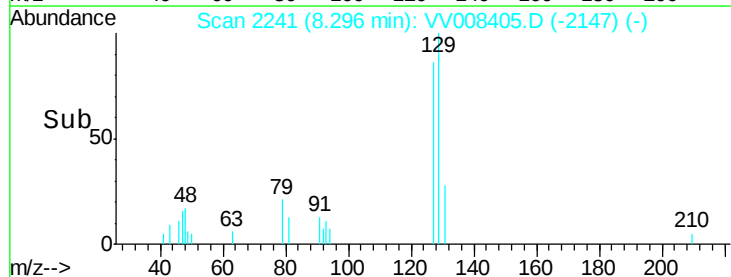
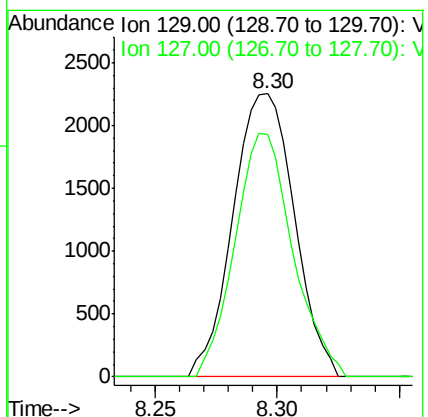
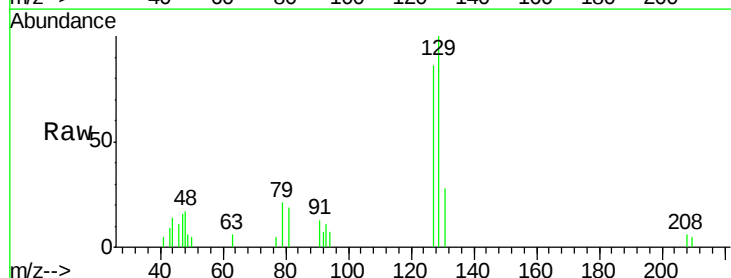
Manual Integrations
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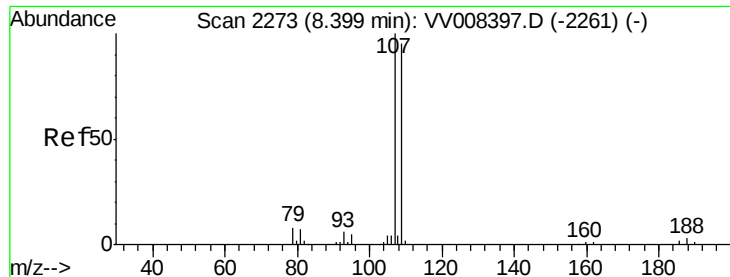
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#49
Dibromochloromethane
Concen: 2.587 ug/L
RT: 8.30 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VV008405.D
Acq: 24 Oct 2018 20:34

Tgt Ion	Ion	Ratio	Lower	Upper
129	100			
127	85.8	54.9	101.9	





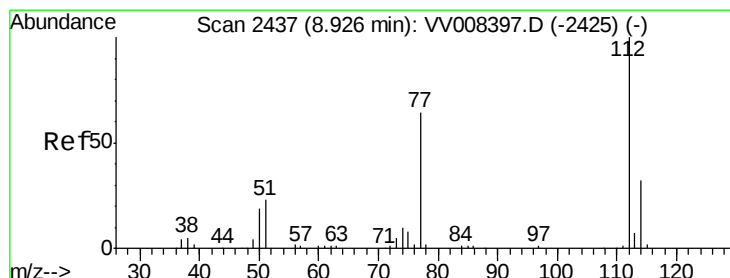
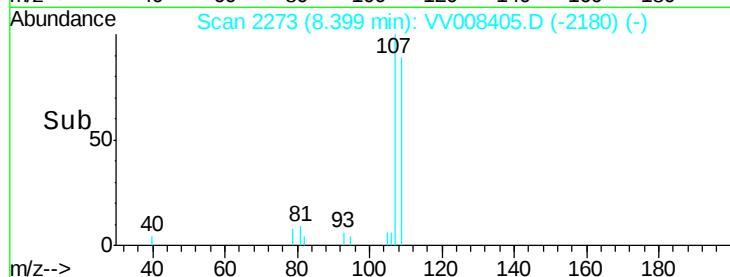
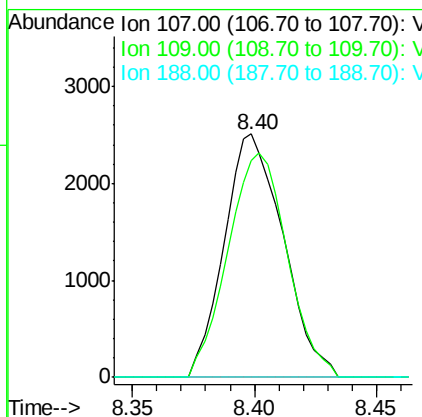
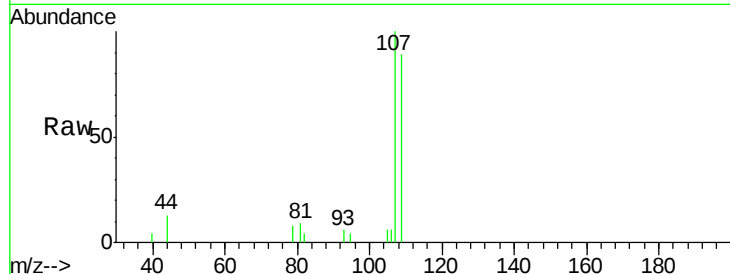
#50
1,2-Dibromoethane
Concen: 2.841 ug/L
RT: 8.40 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VV008405.D
Acq: 24 Oct 2018 20:34

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Tgt Ion	Ratio	Lower	Upper
107	100		
109	88.8	65.2	121.2
188	0.0	2.3	3.5#

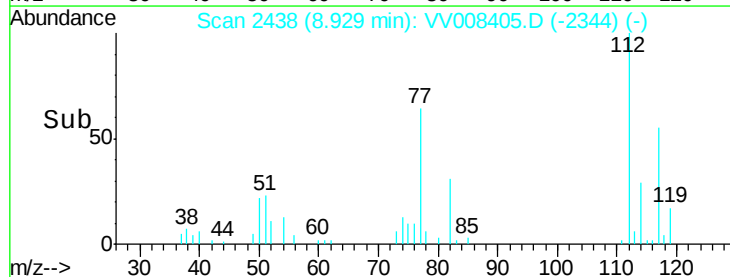
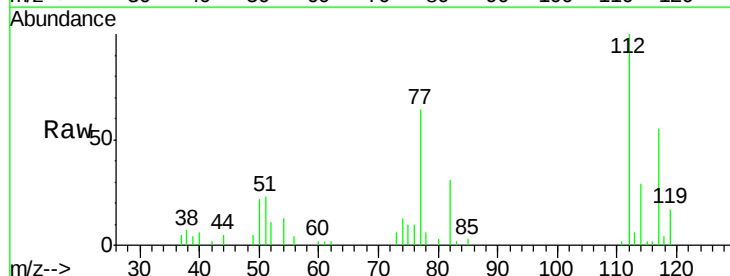
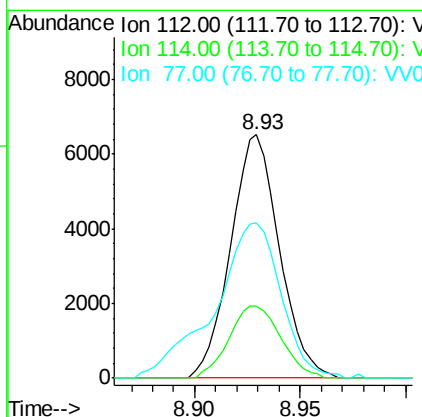
Manual Integrations
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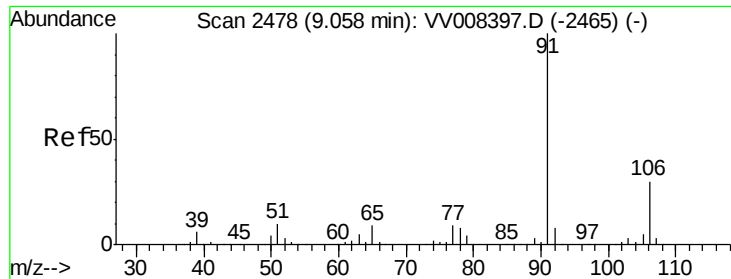
apatel
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#51
Chlorobenzene
Concen: 2.820 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. 0.00 min
Lab File: VV008405.D
Acq: 24 Oct 2018 20:34

Tgt Ion	Ratio	Lower	Upper
112	100		
114	29.5	22.5	41.7
77	63.8	52.0	78.0





#52

Ethylbenzene

Concen: 2.839 ug/L

RT: 9.06 min Scan# 2478

Delta R.T. -0.00 min

Lab File: VV008405.D

Acq: 24 Oct 2018 20:34

Tgt Ion: 91 Resp: 19142

Ion Ratio Lower Upper

91 100

106 29.1 21.3 39.5

Instrument :

MSVOA_V

ClientSampleId :

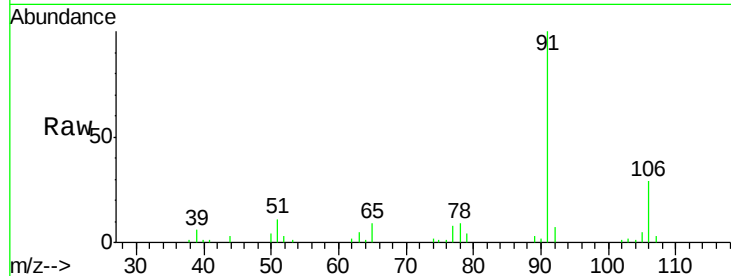
MDL07

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VV008405.D (-2385) (-)

Ion 106.00 (105.70 to 106.70): VV008405.D (-2385) (-)

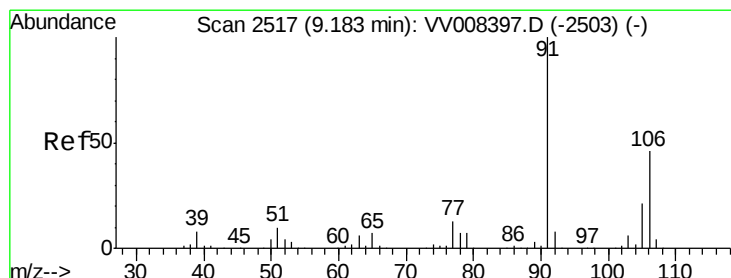
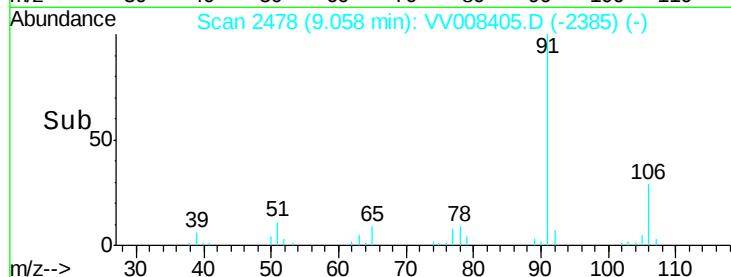
9.06

10000

5000

0

Time-->



#53

m,p-Xylene

Concen: 2.838 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. -0.00 min

Lab File: VV008405.D

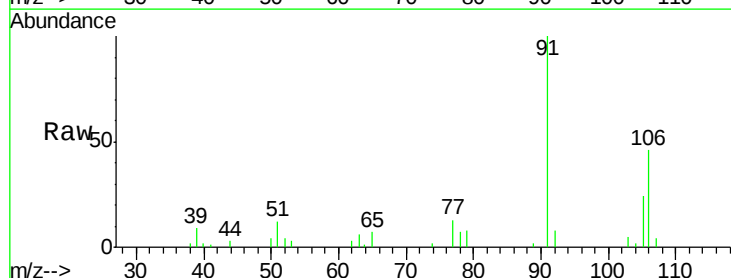
Acq: 24 Oct 2018 20:34

Tgt Ion: 106 Resp: 6992

Ion Ratio Lower Upper

106 100

91 219.6 150.0 278.6



Abundance Ion 106.00 (105.70 to 106.70): VV008405.D (-2424) (-)

Ion 91.00 (90.70 to 91.70): VV008405.D (-2424) (-)

9.18

10000

8000

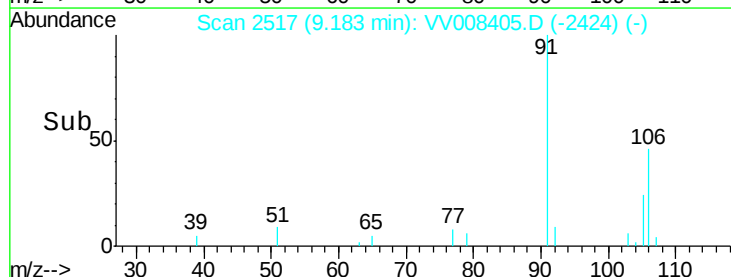
6000

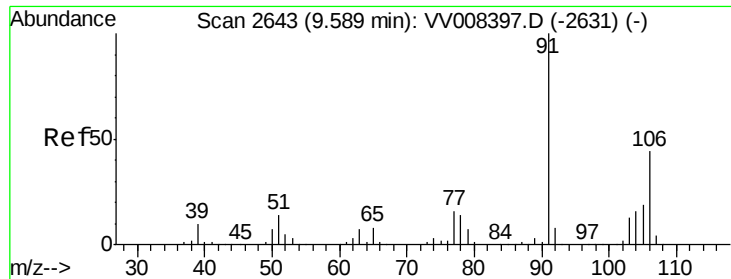
4000

2000

0

Time-->





#54

o-xylene

Concen: 2.721 ug/L

RT: 9.59 min Scan# 2643

Delta R.T. -0.00 min

Lab File: VV008405.D

Acq: 24 Oct 2018 20:34

Instrument :

MSVOA_V

ClientSampleId :

MDL07

Tgt Ion:106 Resp: 6694

Ion Ratio Lower Upper

106 100

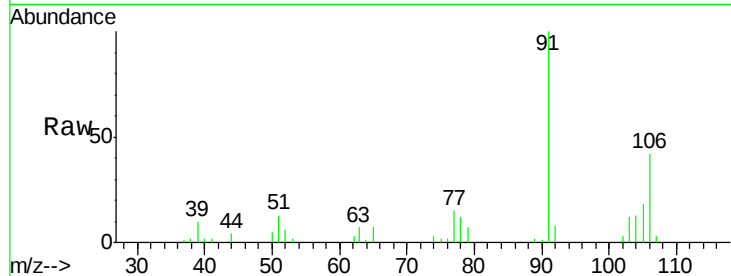
91 235.7 158.7 294.7

Manual Integrations

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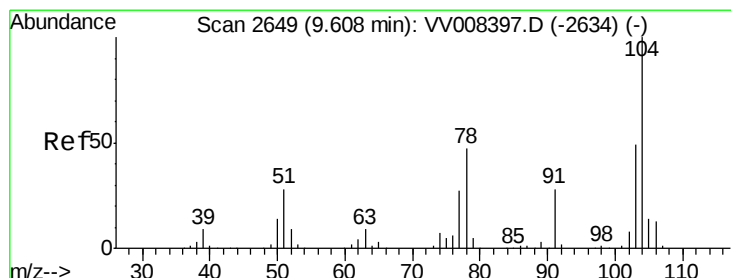
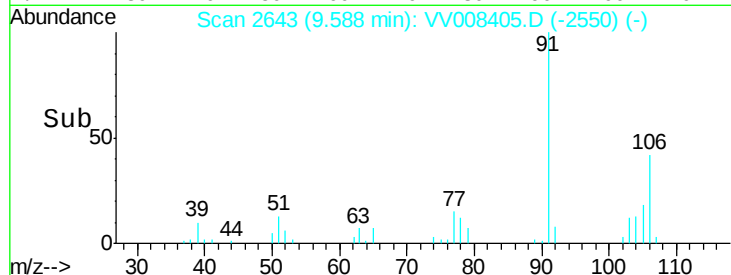
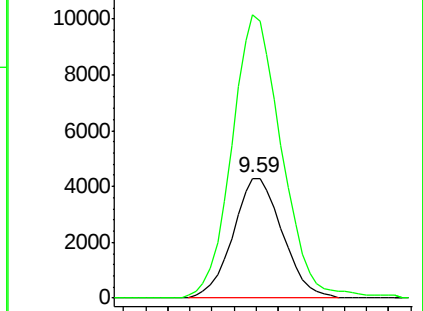
apatel

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#55

Styrene

Concen: 2.705 ug/L

RT: 9.61 min Scan# 2649

Delta R.T. -0.00 min

Lab File: VV008405.D

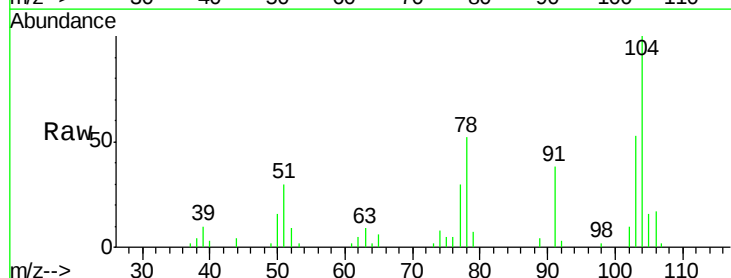
Acq: 24 Oct 2018 20:34

Tgt Ion:104 Resp: 11214

Ion Ratio Lower Upper

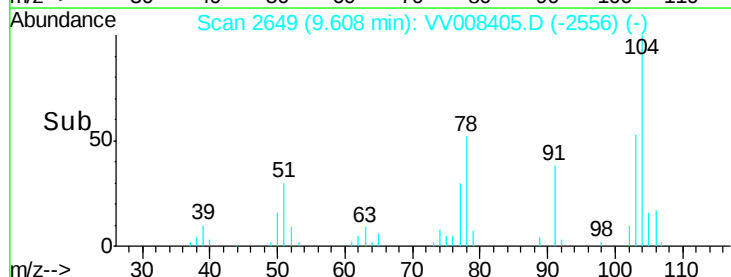
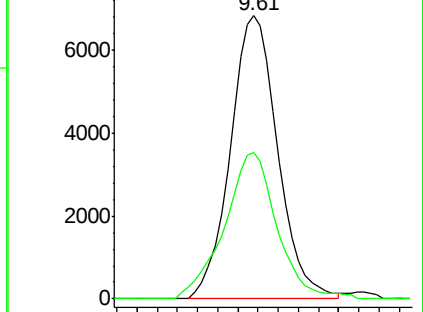
104 100

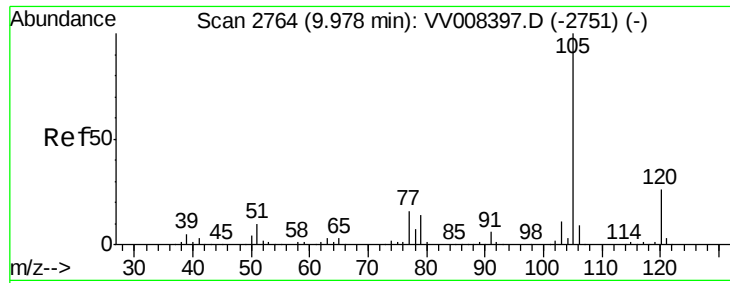
78 51.9 34.4 64.0



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0





#56

Isopropylbenzene

Concen: 2.780 ug/L

RT: 9.98 min Scan# 2764

Delta R.T. -0.00 min

Lab File: VV008405.D

Acq: 24 Oct 2018 20:34

Instrument :

MSVOA_V

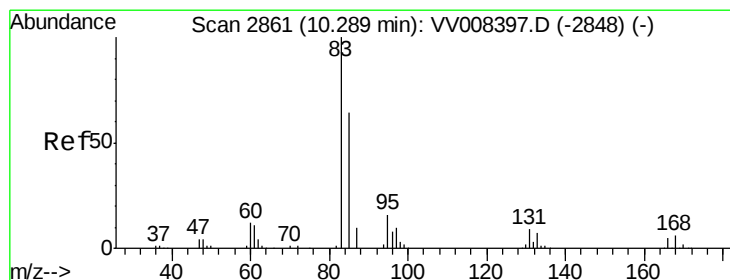
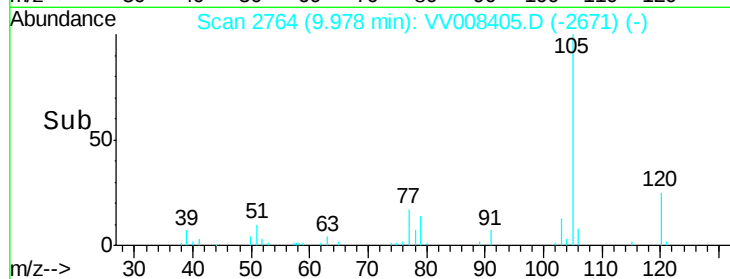
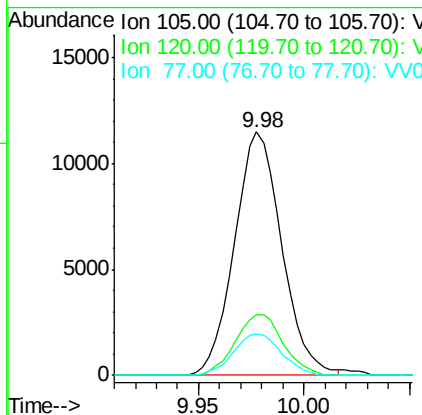
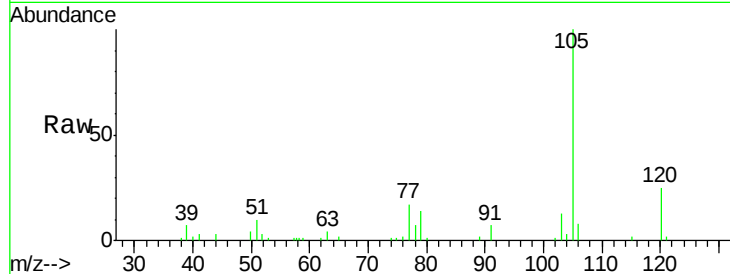
ClientSampleId :

MDL07

Tgt Ion:	105	Resp:	17891
Ion Ratio	Lower	Upper	
105	100		
120	25.3	20.7	31.1
77	17.2	13.5	20.3

Manual Integrations
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#58

1,1,2,2-Tetrachloroethane

Concen: 3.073 ug/L

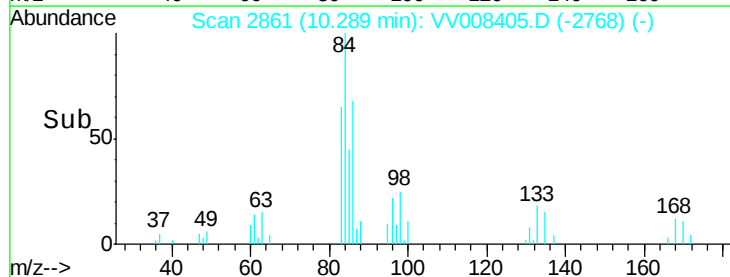
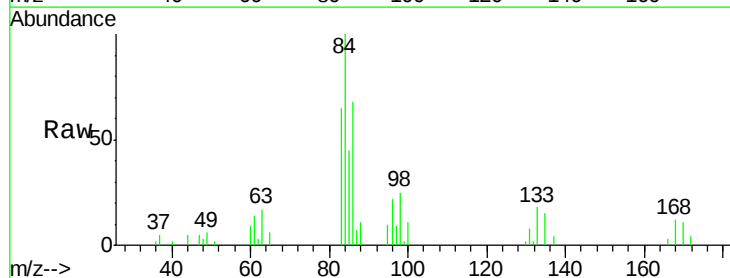
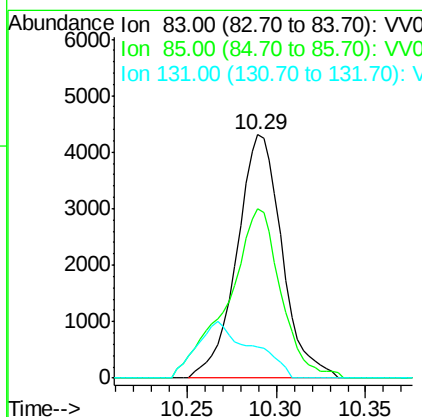
RT: 10.29 min Scan# 2861

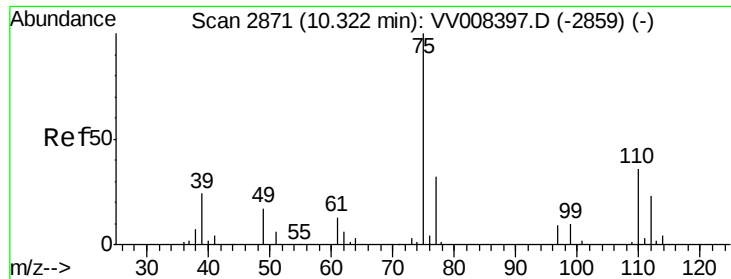
Delta R.T. -0.00 min

Lab File: VV008405.D

Acq: 24 Oct 2018 20:34

Tgt Ion:	83	Resp:	7616
Ion Ratio	Lower	Upper	
83	100		
85	69.4	45.8	85.2
131	12.9	7.3	10.9#





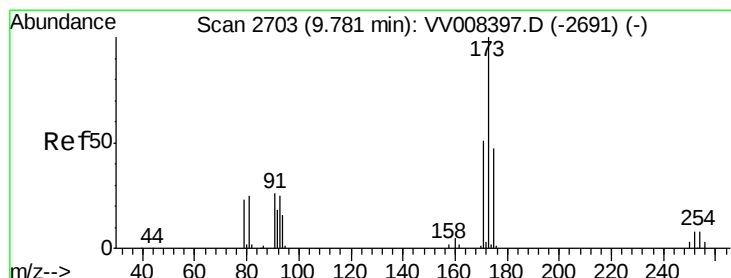
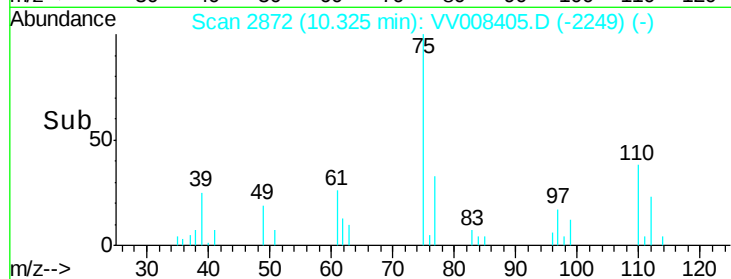
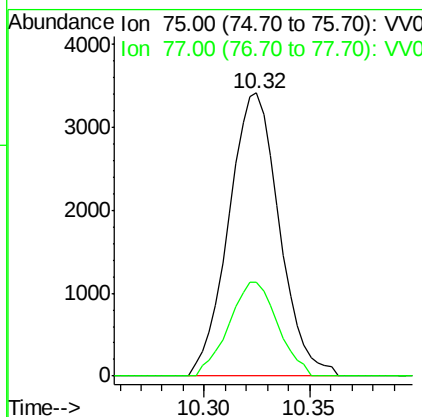
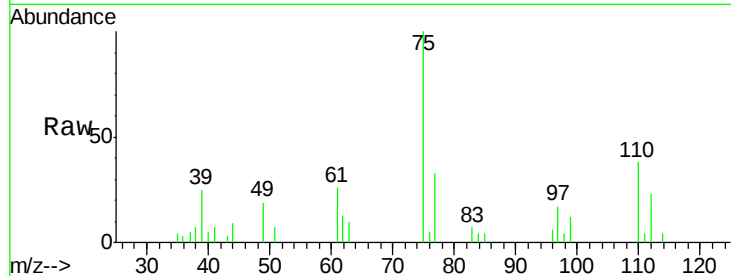
#59
 1,2,3-Trichloropropane
 Concen: 2.834 ug/L
 RT: 10.32 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VV008405.D
 Acq: 24 Oct 2018 20:34

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

Tgt Ion: 75 Resp: 5684
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.8 38.8

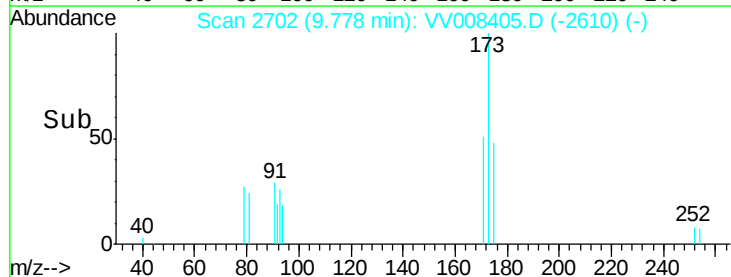
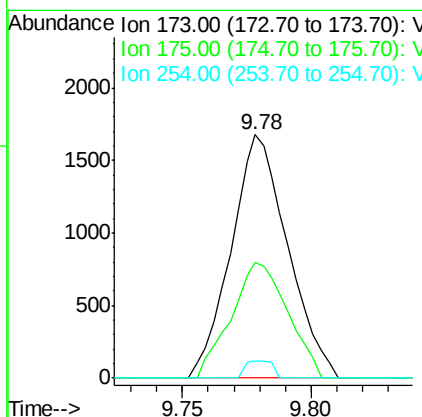
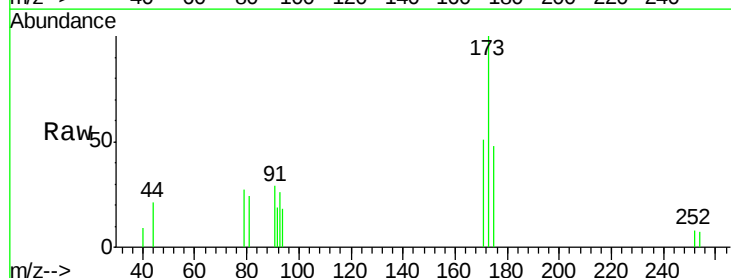
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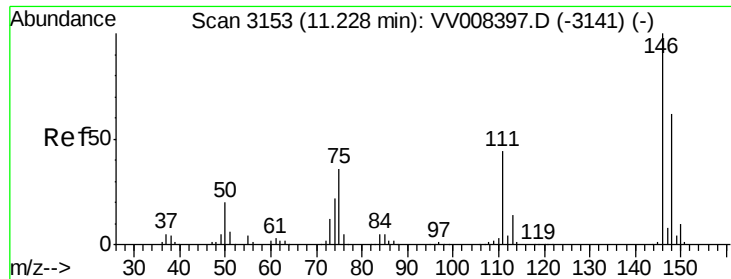
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#61
 Bromoform
 Concen: 2.735 ug/L
 RT: 9.78 min Scan# 2702
 Delta R.T. -0.00 min
 Lab File: VV008405.D
 Acq: 24 Oct 2018 20:34

Tgt Ion: 173 Resp: 2566
 Ion Ratio Lower Upper
 173 100
 175 47.3 38.6 57.8
 254 3.4 5.9 8.9#





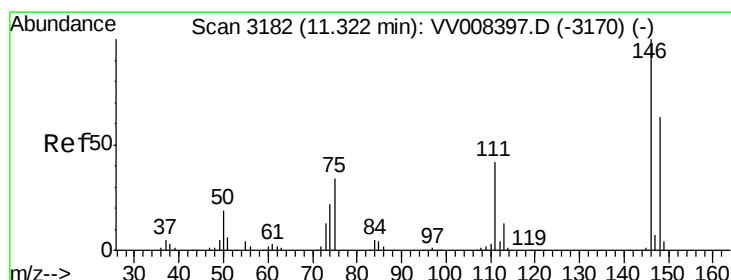
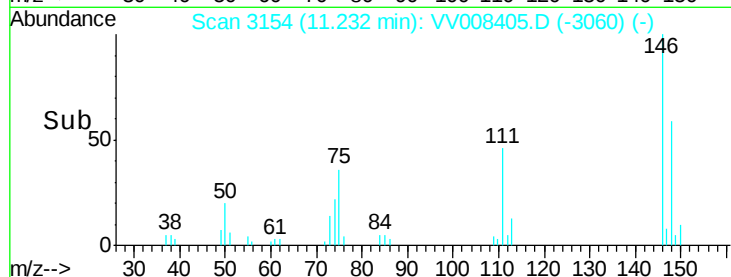
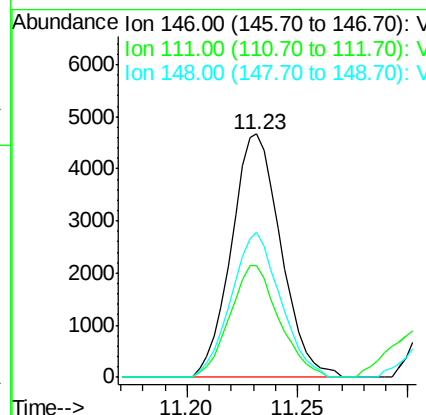
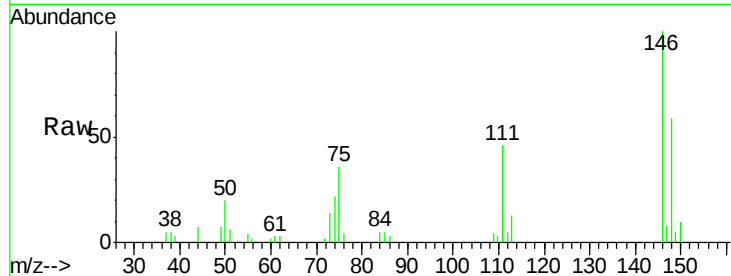
#62
 1,3-Dichlorobenzene
 Concen: 2.963 ug/L
 RT: 11.23 min Scan# 3154
 Delta R.T. 0.00 min
 Lab File: VV008405.D
 Acq: 24 Oct 2018 20:34

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.8	30.9	57.3
148	59.4	44.1	81.9

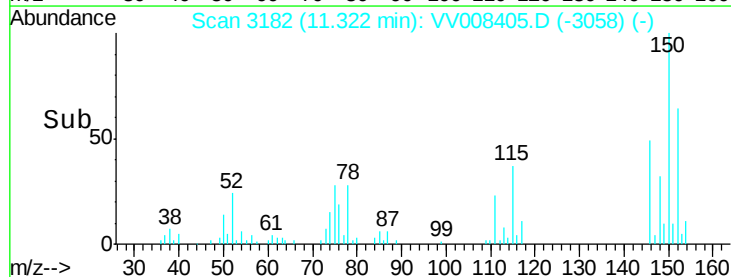
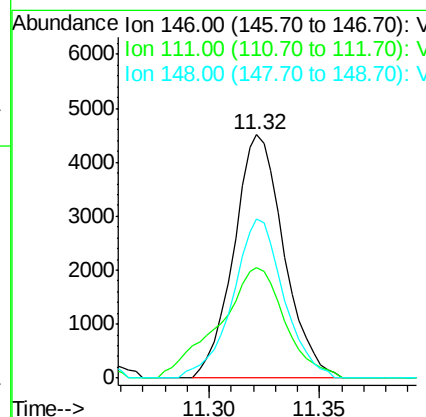
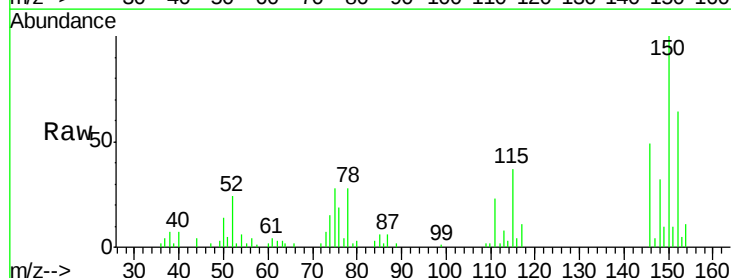
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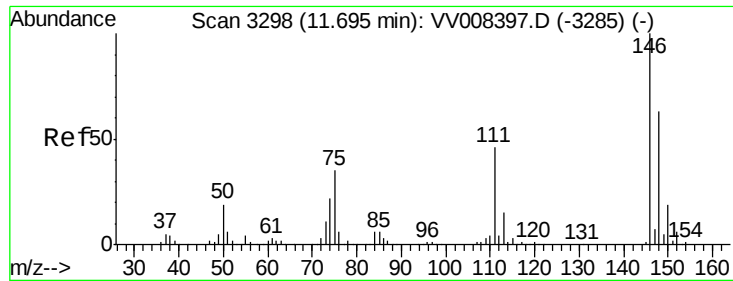
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#63
 1,4-Dichlorobenzene
 Concen: 2.890 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. -0.00 min
 Lab File: VV008405.D
 Acq: 24 Oct 2018 20:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.6	29.8	55.4
148	65.3	44.4	82.5





#65

1,2-Dichlorobenzene

Concen: 2.938 ug/L

RT: 11.69 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VV008405.D

Acq: 24 Oct 2018 20:34

Instrument :

MSVOA_V

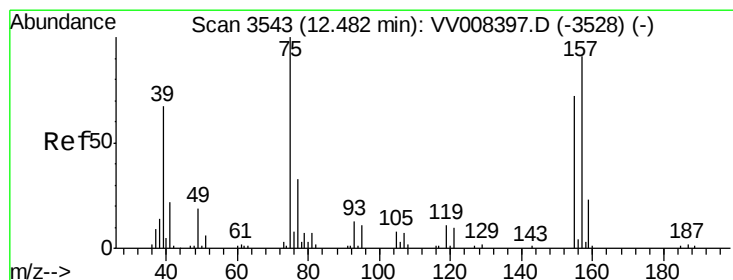
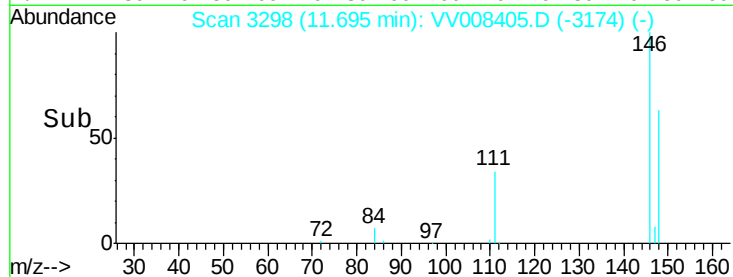
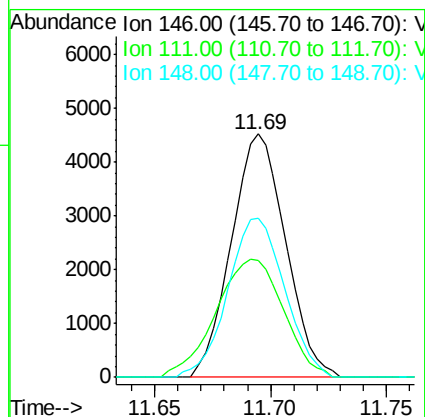
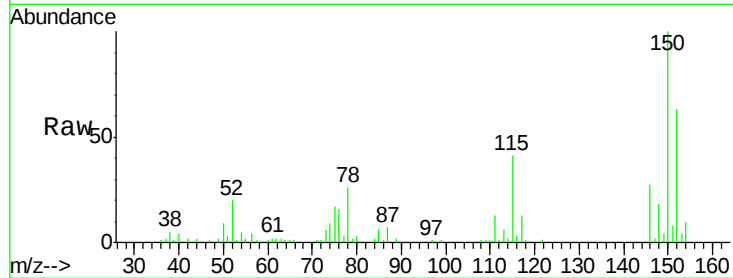
ClientSampleId :

MDL07

Tgt Ion:	146	Resp:	7366
Ion Ratio	Lower	Upper	
146	100		
111	47.9	36.2	54.2
148	65.5	50.3	75.5

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#66

1,2-Dibromo-3-chloropropane

Concen: 2.825 ug/L

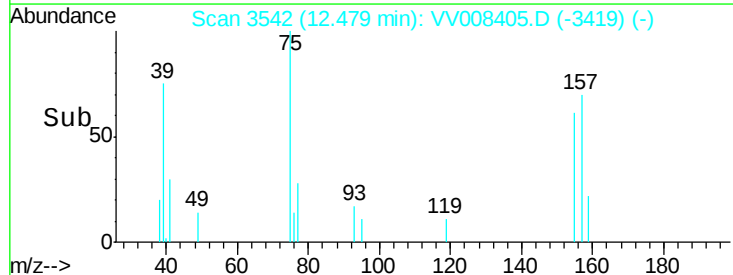
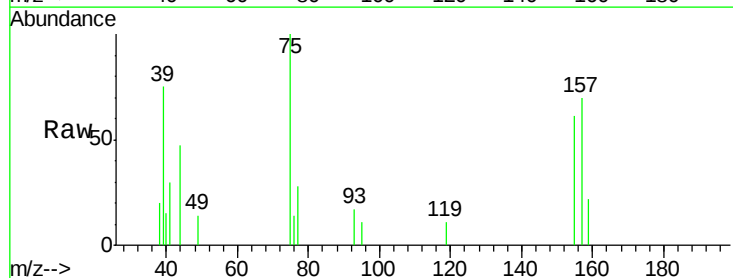
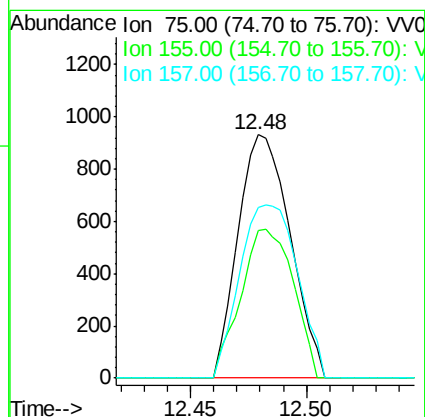
RT: 12.48 min Scan# 3542

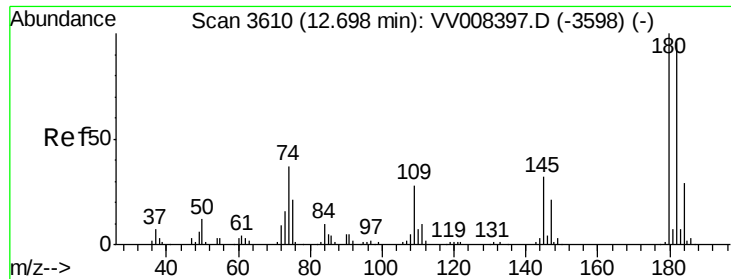
Delta R.T. -0.00 min

Lab File: VV008405.D

Acq: 24 Oct 2018 20:34

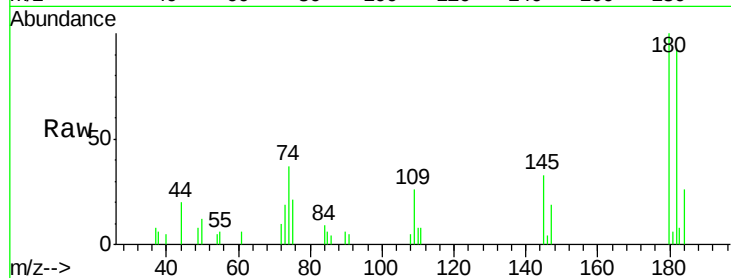
Tgt Ion:	75	Resp:	1456
Ion Ratio	Lower	Upper	
75	100		
155	60.5	55.4	83.0
157	70.2	72.8	109.2





#67
 1,3,5-Trichlorobenzene
 Concen: 2.530 ug/L
 RT: 12.70 min Scan# 3610
 Delta R.T. -0.00 min
 Lab File: VV008405.D
 Acq: 24 Oct 2018 20:34

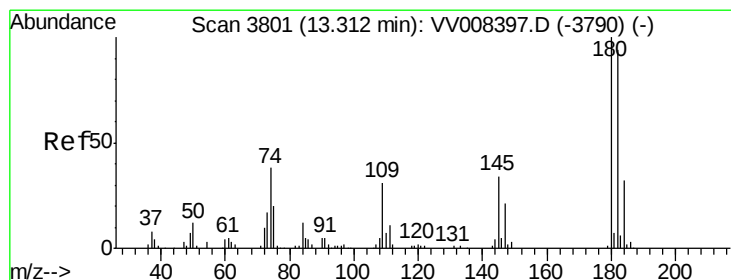
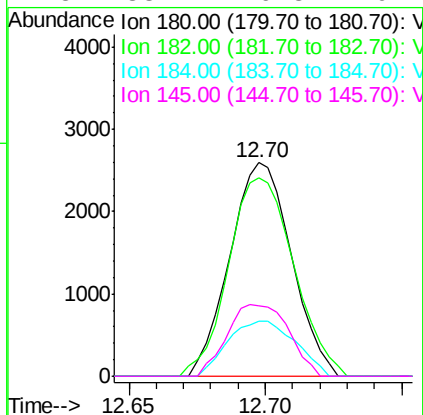
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07



Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.5	75.9	113.9
184	28.3	24.1	36.1
145	33.7	26.8	40.2

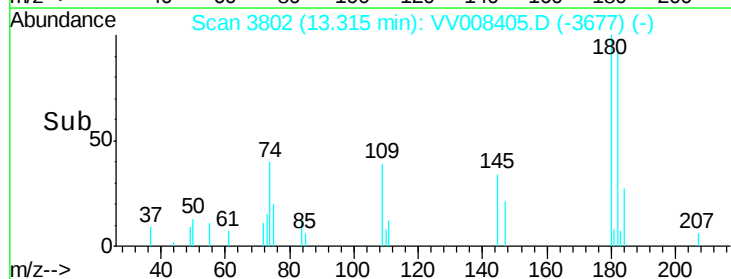
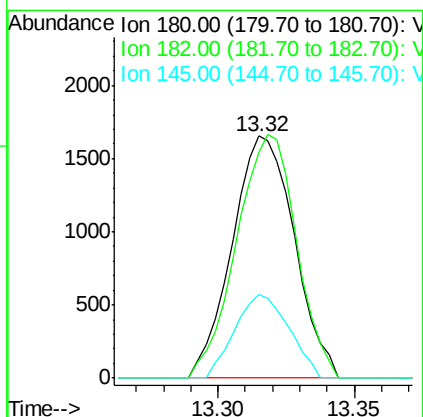
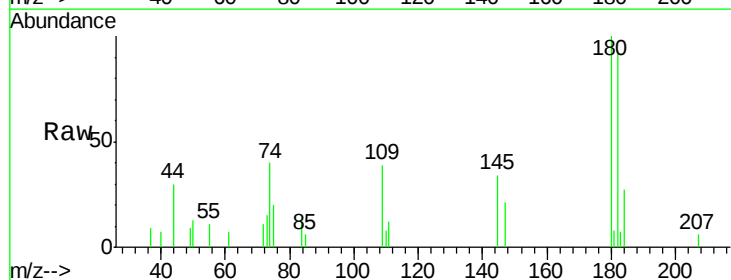
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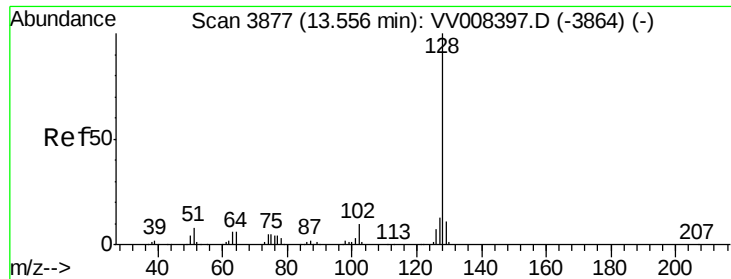
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#68
 1,2,4-trichlorobenzene
 Concen: 2.014 ug/L
 RT: 13.32 min Scan# 3802
 Delta R.T. 0.00 min
 Lab File: VV008405.D
 Acq: 24 Oct 2018 20:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	75.4	113.2
145	30.0	27.0	40.6





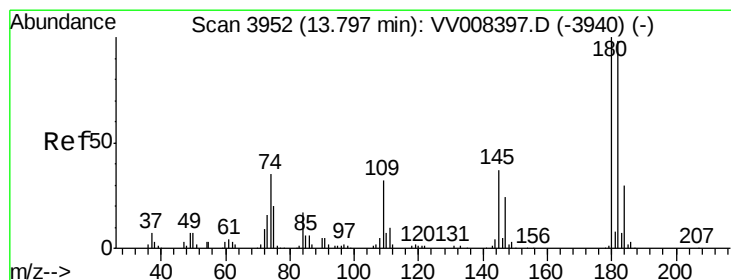
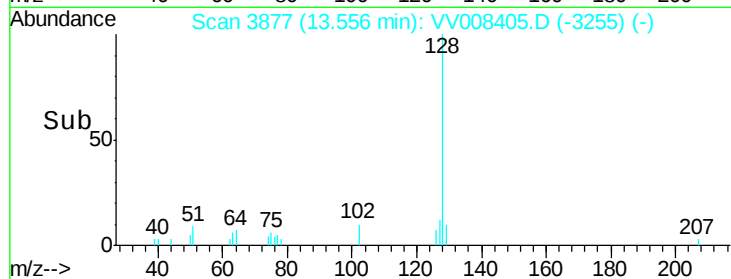
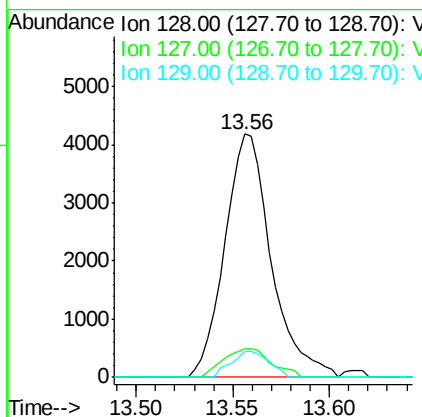
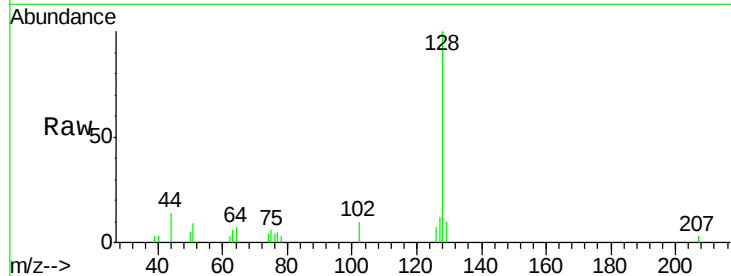
#69
Naphthalene
Concen: 1.656 ug/L
RT: 13.56 min Scan# 3877
Delta R.T. -0.00 min
Lab File: VV008405.D
Acq: 24 Oct 2018 20:34

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.6	15.8
129	8.9	8.9	13.3

Manual Integrations
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#70
1,2,3-Trichlorobenzene
Concen: 1.965 ug/L
RT: 13.80 min Scan# 3953
Delta R.T. 0.00 min
Lab File: VV008405.D
Acq: 24 Oct 2018 20:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.0	75.7	113.5
145	36.2	28.6	43.0

