

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091718\
 Data File : VW005423.D
 Acq On : 17 Sep 2018 10:26
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 9/18/2018 12:52:03 PM

Quant Time: Sep 18 01:07:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	305307	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	445621	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	417357	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	219503	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	132380	41.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.54%	
35) Dibromofluoromethane	7.89	113	113811	45.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.10%	
50) Toluene-d8	10.33	98	556508	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
62) 4-Bromofluorobenzene	12.63	95	203722	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	129719	50.04	ug/l	99
3) Chloromethane	2.22	50	168996	46.89	ug/l	99
4) Vinyl Chloride	2.36	62	162706	48.20	ug/l	98
5) Bromomethane	2.78	94	99856	48.43	ug/l	98
6) Chloroethane	2.93	64	88306	44.13	ug/l	99
7) Trichlorofluoromethane	3.27	101	204206	45.66	ug/l	100
8) Diethyl Ether	3.70	74	61953	46.61	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	125429	48.09	ug/l	98
10) Methyl Iodide	4.28	142	145357	44.32	ug/l	96
11) Tert butyl alcohol	5.25	59	42476	220.24	ug/l #	71
12) 1,1-Dichloroethene	4.04	96	115182	48.76	ug/l	98
13) Acrolein	3.91	56	36349	268.32	ug/l	97
14) Allyl chloride	4.68	41	223707	50.90	ug/l	96
15) Acrylonitrile	5.39	53	137195	225.66	ug/l	99
16) Acetone	4.15	43	107297	234.31	ug/l	100
17) Carbon Disulfide	4.39	76	390240	46.90	ug/l	99
18) Methyl Acetate	4.69	43	64892	42.61	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	302904	47.23	ug/l	98
20) Methylene Chloride	4.93	84	148254	46.78	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	132973	47.14	ug/l	99
22) Diisopropyl ether	6.32	45	435715	50.43	ug/l	97
23) Vinyl Acetate	6.27	43	1228397	249.50	ug/l	100
24) 1,1-Dichloroethane	6.23	63	248736	47.44	ug/l	98
25) 2-Butanone	7.19	43	177241	232.50	ug/l	97
26) 2,2-Dichloropropane	7.18	77	239434	50.91	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	145354	47.37	ug/l	99
28) Bromochloromethane	7.52	49	92312	45.26	ug/l	95
29) Tetrahydrofuran	7.54	42	113060	232.80	ug/l	98
30) Chloroform	7.68	83	245029	45.13	ug/l	99
31) Cyclohexane	7.96	56	260248	51.45	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	235693	46.68	ug/l	99
36) 1,1-Dichloropropene	8.09	75	212608	50.41	ug/l	99
37) Ethyl Acetate	7.26	43	79783	46.52	ug/l	99
38) Carbon Tetrachloride	8.07	117	211317	48.09	ug/l	99

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Quant Time: Sep 18 01:07:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	273387	55.79	ug/l	98
40) Benzene	8.33	78	598024	48.95	ug/l	100
41) Methacrylonitrile	7.49	41	48645	47.01	ug/l	97
42) 1,2-Dichloroethane	8.41	62	165411	43.26	ug/l	98
43) Isopropyl Acetate	8.43	43	158493	47.35	ug/l	100
44) Trichloroethene	9.10	130	154308	49.07	ug/l	96
45) 1,2-Dichloropropane	9.37	63	145236	49.76	ug/l	98
46) Dibromomethane	9.46	93	65777	45.81	ug/l	100
47) Bromodichloromethane	9.65	83	184102	47.32	ug/l	99
48) Methyl methacrylate	9.45	41	80874	48.42	ug/l	98
49) 1,4-Dioxane	9.49	88	23130	966.52	ug/l #	99
51) 4-Methyl-2-Pentanone	10.22	43	423462	245.77	ug/l	100
52) Toluene	10.40	92	414741	50.13	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	195416	50.19	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	225714	51.20	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	97531	45.70	ug/l	97
56) Ethyl methacrylate	10.65	69	136056	50.37	ug/l	97
57) 1,3-Dichloropropane	10.94	76	175663	47.69	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	302525	247.63	ug/l	98
59) 2-Hexanone	10.98	43	321940	274.31	ug/l	100
60) Dibromochloromethane	11.13	129	118745	46.25	ug/l	99
61) 1,2-Dibromoethane	11.24	107	90551	47.31	ug/l	99
64) Tetrachloroethene	10.87	164	149194	48.37	ug/l	95
65) Chlorobenzene	11.66	112	441010	49.79	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	138687	48.99	ug/l	98
67) Ethyl Benzene	11.74	91	820770	52.69	ug/l	99
68) m/p-Xylenes	11.85	106	626905	104.57	ug/l	99
69) o-Xylene	12.17	106	293194	52.52	ug/l	99
70) Styrene	12.19	104	482452	52.37	ug/l	100
71) Bromoform	12.35	173	71244	47.57	ug/l #	100
73) Isopropylbenzene	12.47	105	823273	53.46	ug/l	100
74) N-amyl acetate	12.28	43	167381	51.58	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	109480	48.73	ug/l	99
76) 1,2,3-Trichloropropane	12.76	75	76530m	42.39	ug/l	
77) Bromobenzene	12.76	156	178901	49.14	ug/l	98
78) n-propylbenzene	12.81	91	1003005	53.97	ug/l	100
79) 2-Chlorotoluene	12.90	91	568353	51.84	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	705704	52.52	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	36496	52.44	ug/l	99
82) 4-Chlorotoluene	12.99	91	597731	51.64	ug/l	100
83) tert-Butylbenzene	13.21	119	601029	53.85	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	712852	52.25	ug/l	98
85) sec-Butylbenzene	13.39	105	876856	54.37	ug/l	99
86) p-Isopropyltoluene	13.51	119	778953	54.01	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	369565	50.05	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	364056	50.07	ug/l	100
89) n-Butylbenzene	13.83	91	753605	56.12	ug/l	99
90) Hexachloroethane	14.10	117	125996	50.99	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	324216	50.24	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19776	45.83	ug/l	100

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Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	229640	53.34	ug/l	99
94) Hexachlorobutadiene	15.25	225	148086	52.67	ug/l	99
95) Naphthalene	15.38	128	371589	51.79	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	192895	51.33	ug/l	99

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

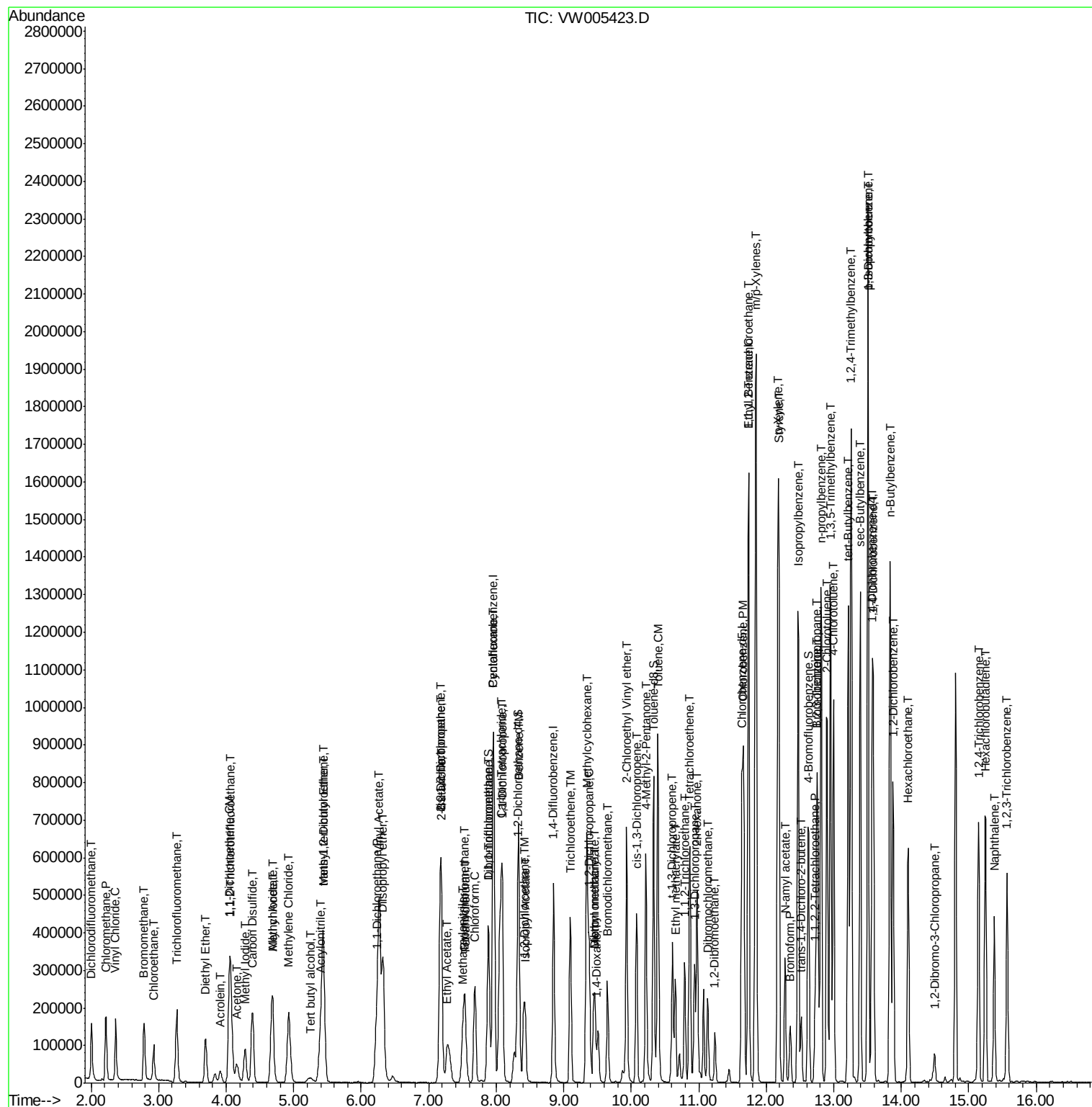
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091718\
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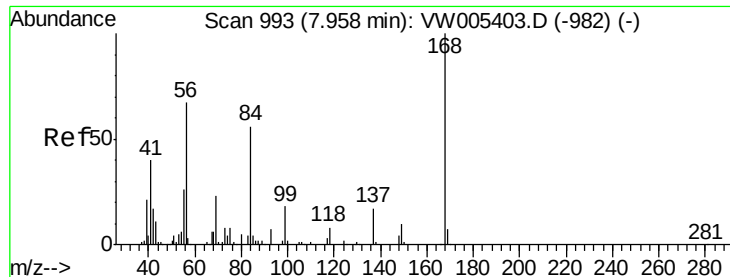
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005423.D

Acq: 17 Sep 2018 10:26

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 305307

Ion Ratio Lower Upper

168 100

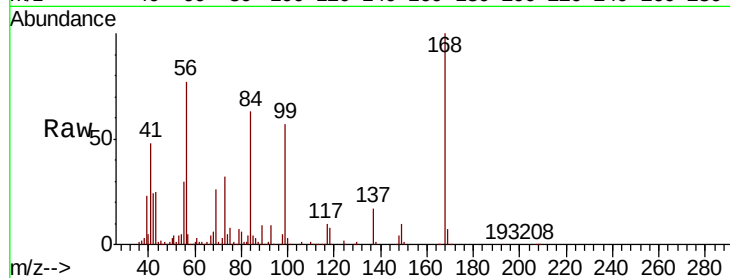
99 56.6 45.0 67.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

150000

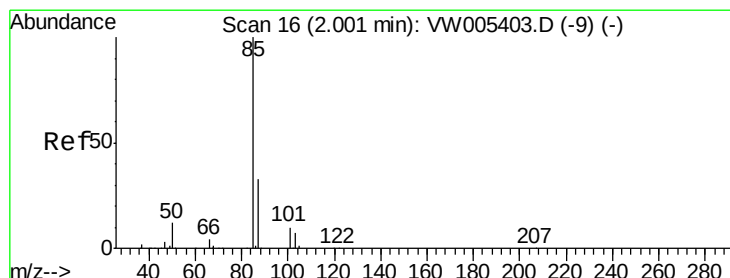
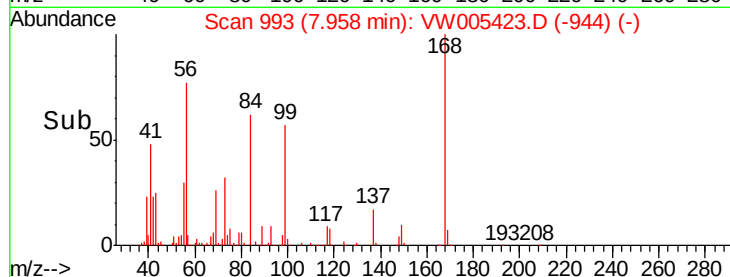
100000

50000

0

7.80 7.90 8.00 8.10 8.20

Time-->



#2

Dichlorodifluoromethane

Concen: 50.04 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW005423.D

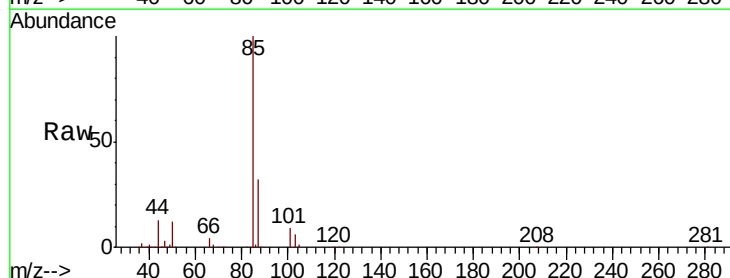
Acq: 17 Sep 2018 10:26

Tgt Ion: 85 Resp: 129719

Ion Ratio Lower Upper

85 100

87 32.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

80000

60000

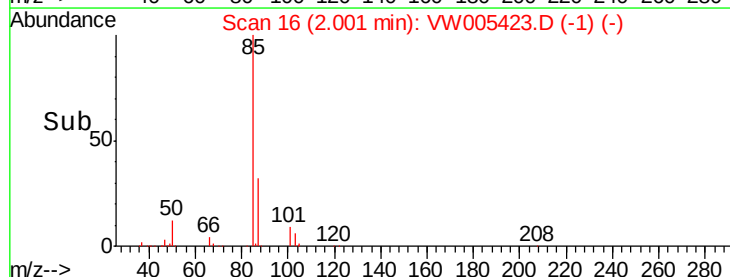
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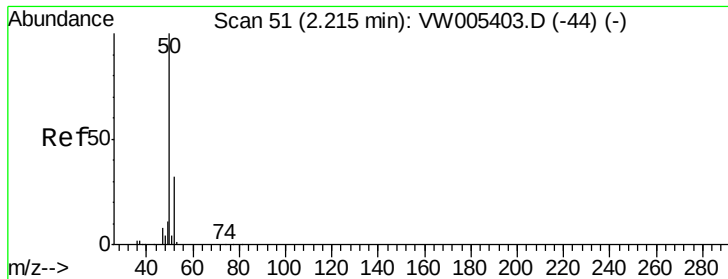
20000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 46.89 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW005423.D

Acq: 17 Sep 2018 10:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 168996

Ion Ratio Lower Upper

50 100

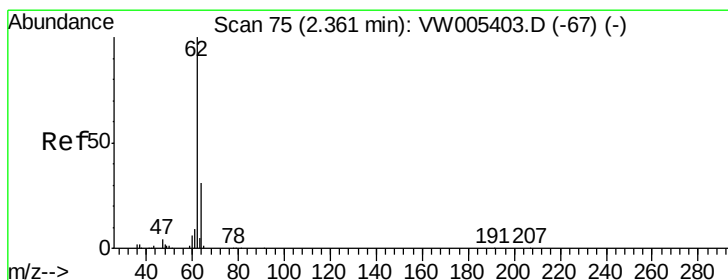
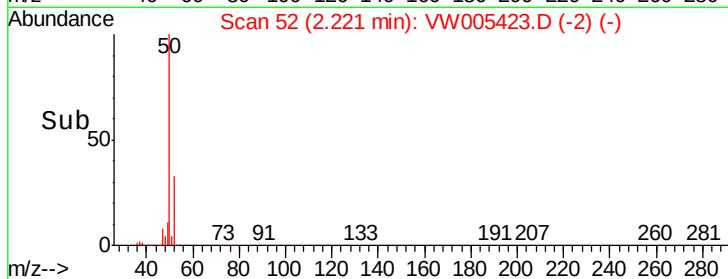
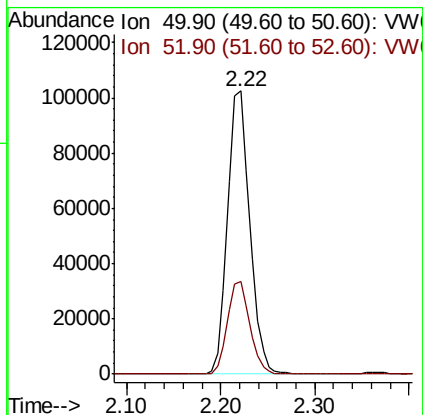
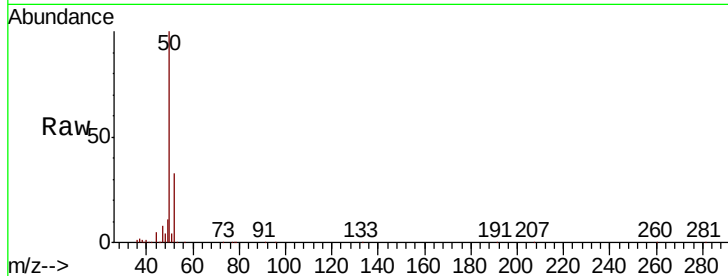
52 32.8 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.20 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW005423.D

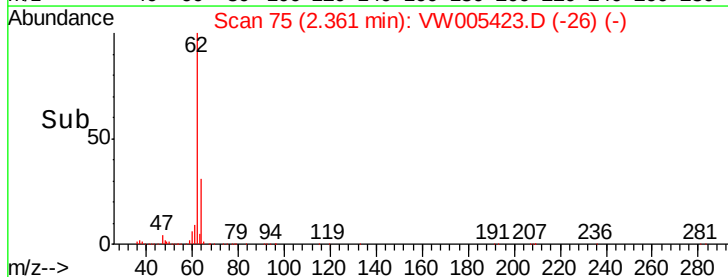
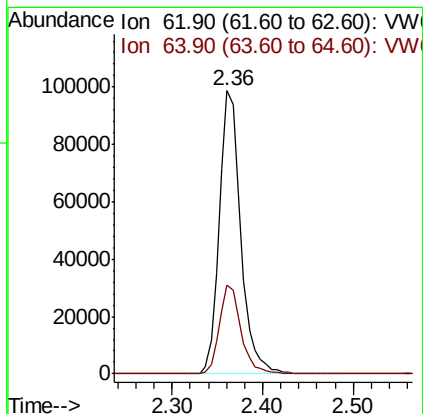
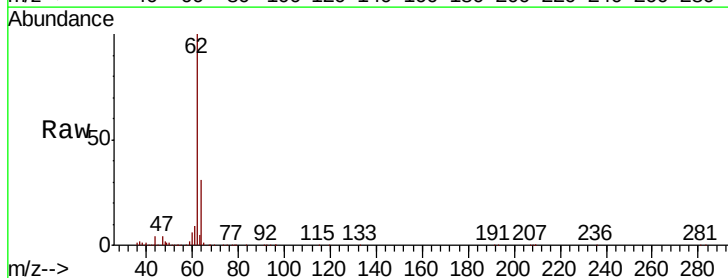
Acq: 17 Sep 2018 10:26

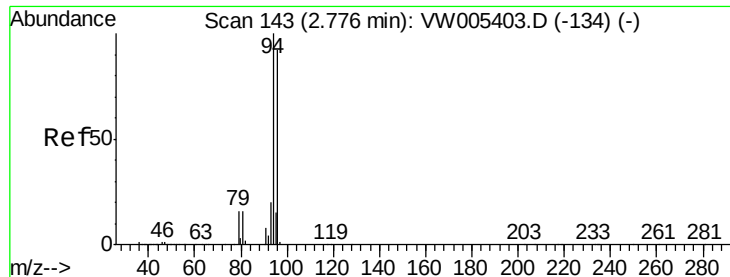
Tgt Ion: 62 Resp: 162706

Ion Ratio Lower Upper

62 100

64 31.4 24.5 36.7





#5

Bromomethane

Concen: 48.43 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW005423.D

Acq: 17 Sep 2018 10:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 99856

Ion Ratio Lower Upper

94 100

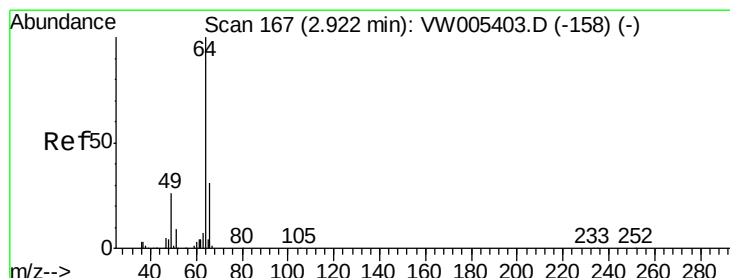
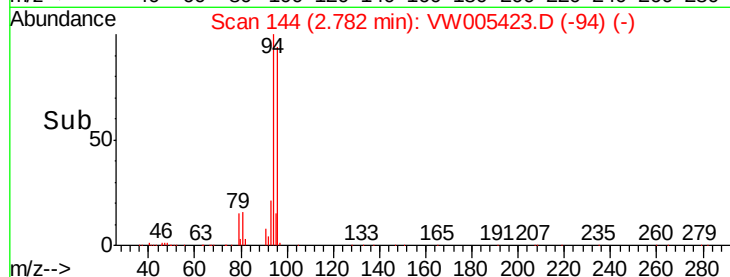
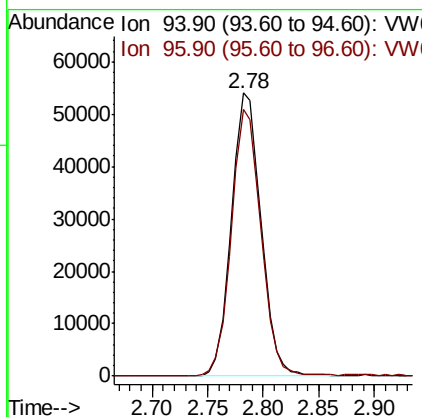
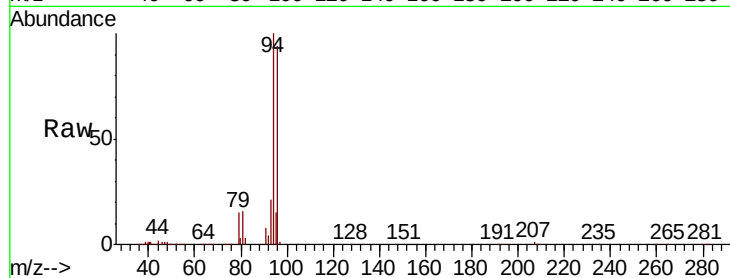
96 93.7 73.7 110.5

Manual Integrations

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#6

Chloroethane

Concen: 44.13 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.01 min

Lab File: VW005423.D

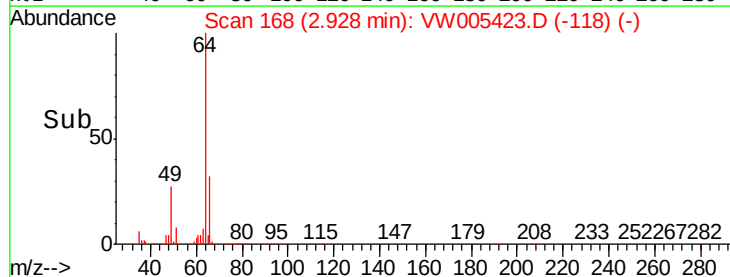
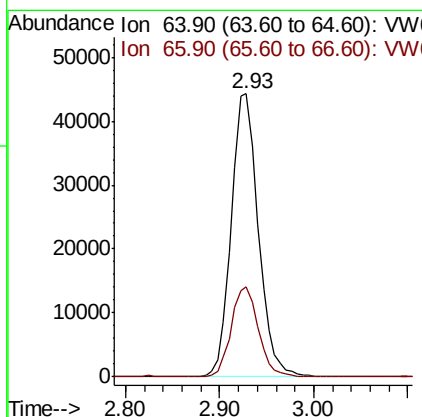
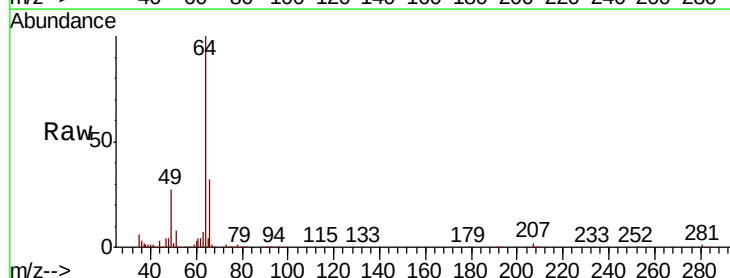
Acq: 17 Sep 2018 10:26

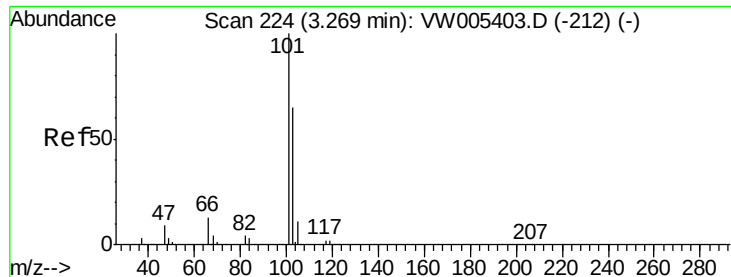
Tgt Ion: 64 Resp: 88306

Ion Ratio Lower Upper

64 100

66 31.9 25.2 37.8





#7

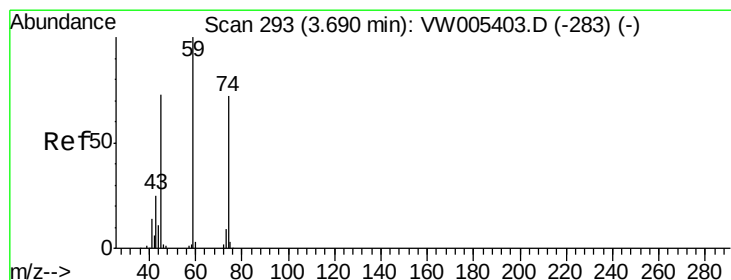
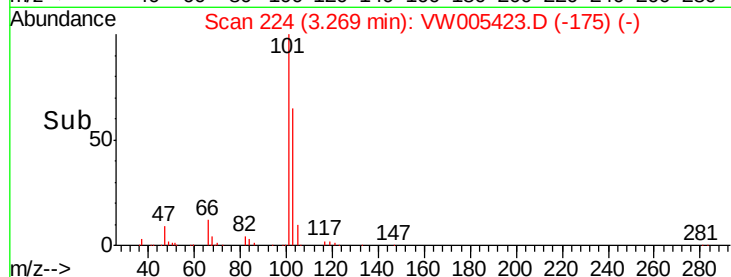
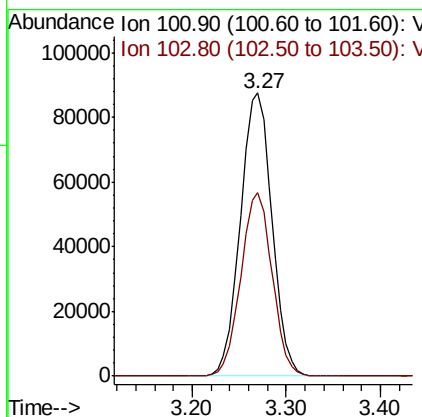
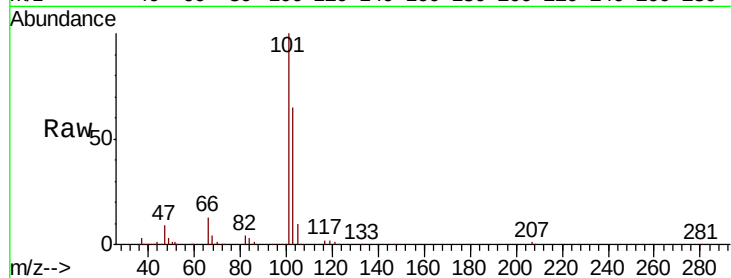
Trichlorofluoromethane
Concen: 45.66 ug/l
RT: 3.27 min Scan# 224
Delta R.T. 0.00 min
Lab File: VW005423.D
Acq: 17 Sep 2018 10:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.7	77.5

Manual Integrations
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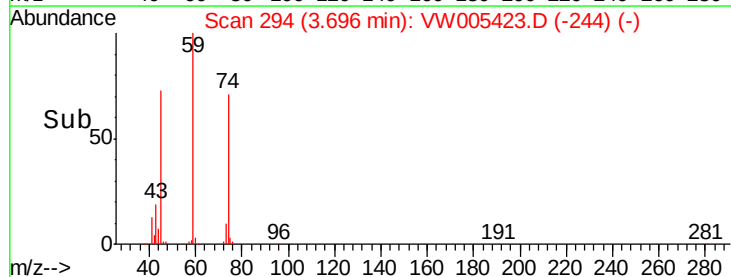
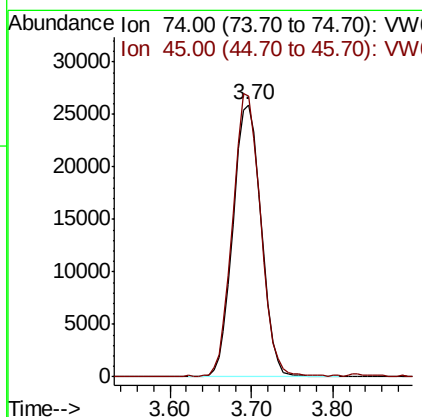
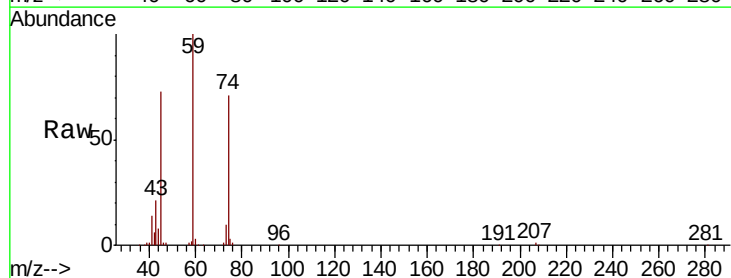
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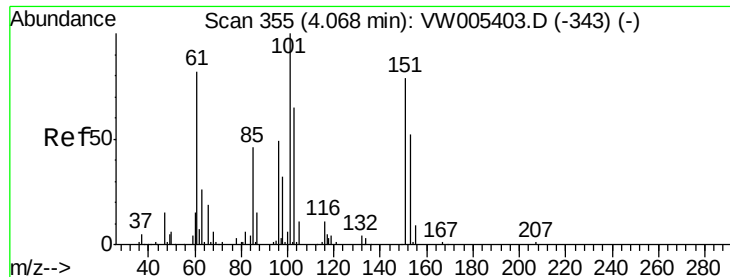


#8

Diethyl Ether
Concen: 46.61 ug/l
RT: 3.70 min Scan# 294
Delta R.T. 0.01 min
Lab File: VW005423.D
Acq: 17 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.0	53.1	159.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.09 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW005423.D

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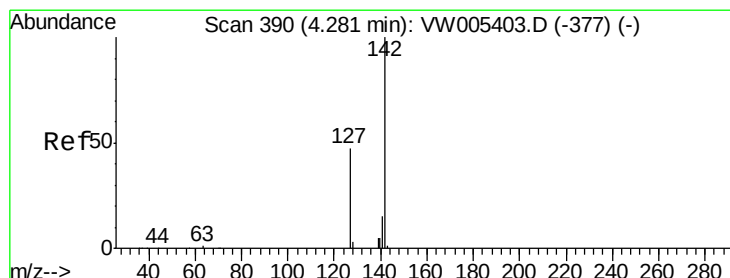
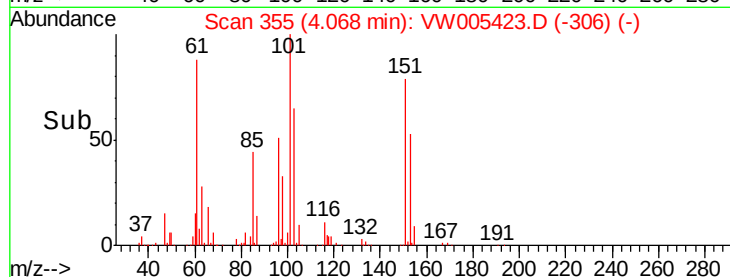
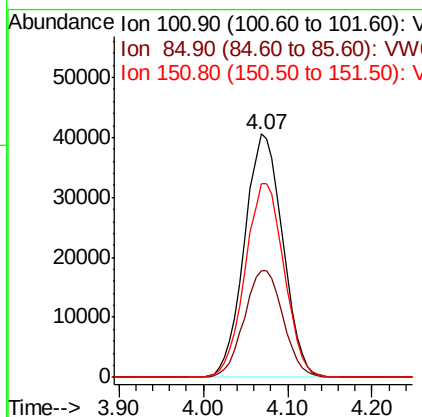
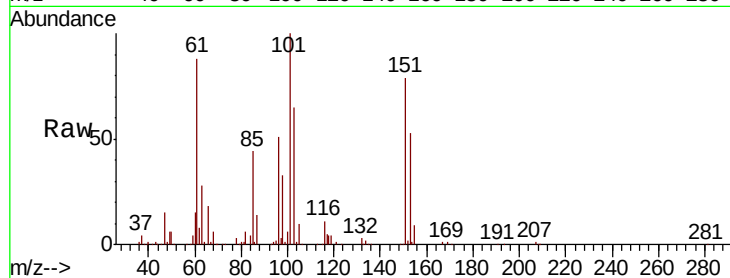
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	125429
Ion Ratio	Lower	Upper	
101	100		
85	44.6	36.6	54.8
151	81.2	66.3	99.5

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#10

Methyl Iodide

Concen: 44.32 ug/l

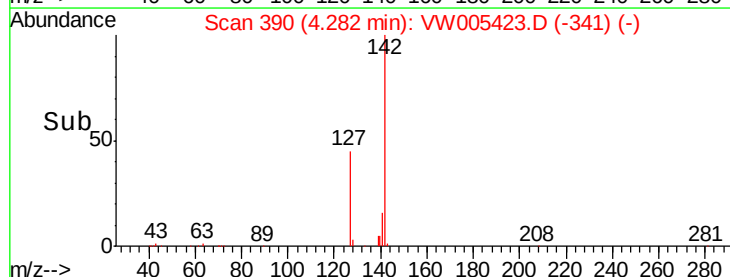
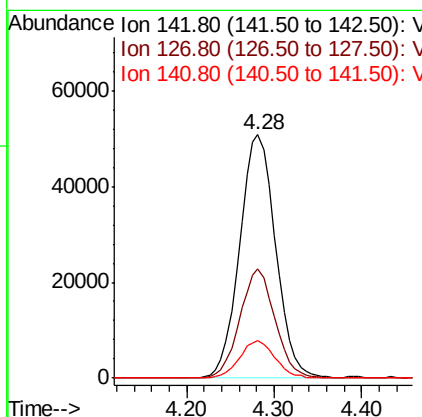
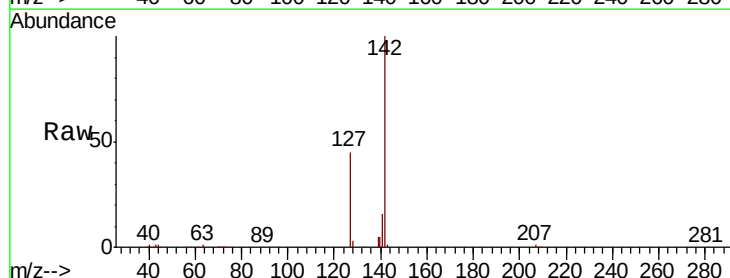
RT: 4.28 min Scan# 390

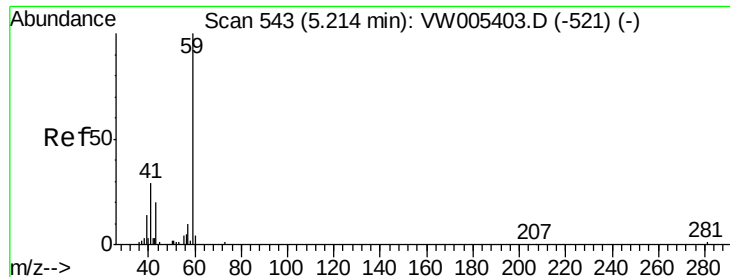
Delta R.T. 0.00 min

Lab File: VW005423.D

Acq: 17 Sep 2018 10:26

Tgt Ion:	142	Resp:	145357
Ion Ratio	Lower	Upper	
142	100		
127	43.7	37.5	56.3
141	15.0	12.4	18.6





#11

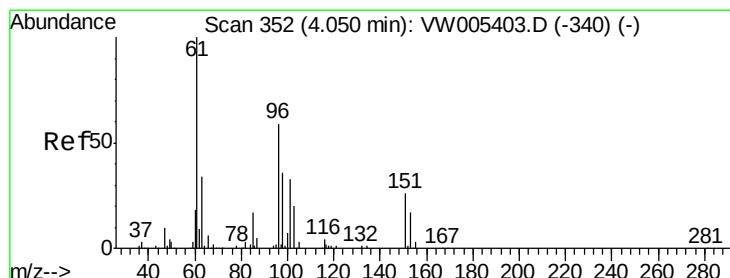
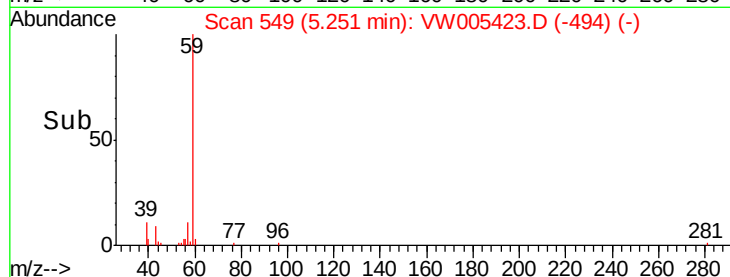
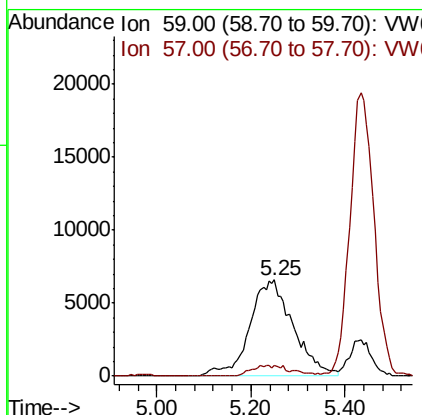
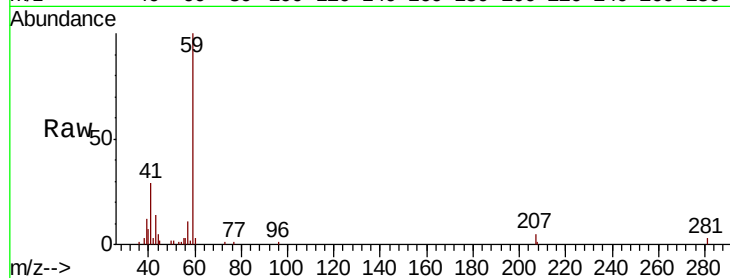
Tert butyl alcohol
 Concen: 220.24 ug/l
 RT: 5.25 min Scan# 549
 Delta R.T. 0.04 min
 Lab File: VW005423.D
 Acq: 17 Sep 2018 10:26

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	13.0#

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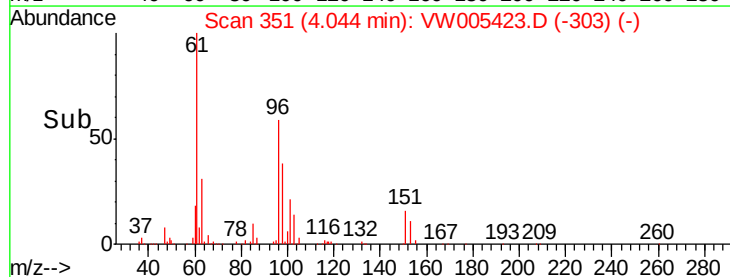
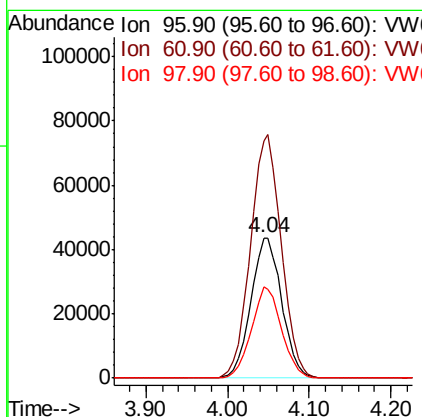
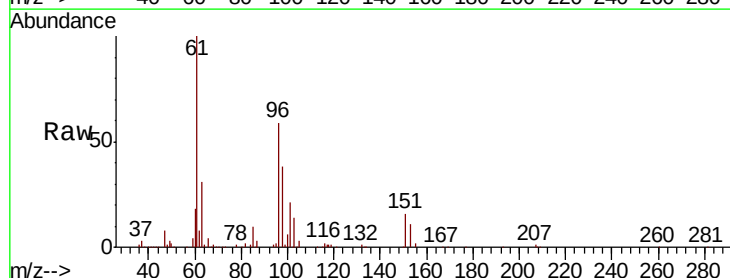
apatel
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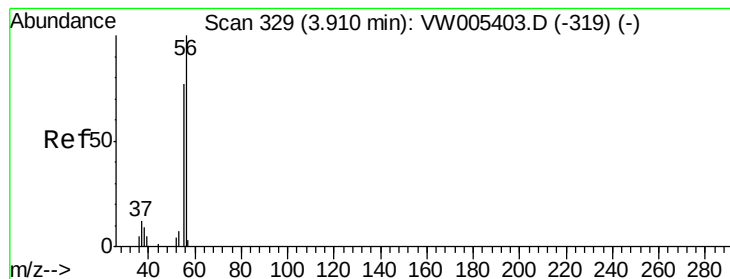


#12

1,1-Dichloroethene
 Concen: 48.76 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VW005423.D
 Acq: 17 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.6	135.7	203.5
98	64.6	48.6	73.0





#13

Acrolein

Concen: 268.32 ug/l

RT: 3.91 min Scan# 329

Delta R.T. 0.00 min

Lab File: VW005423.D

Acq: 17 Sep 2018 10:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 36349

Ion Ratio Lower Upper

56 100

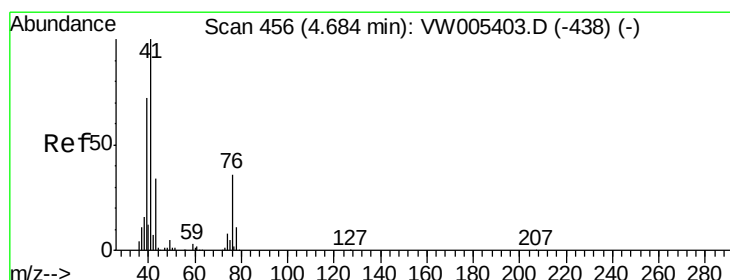
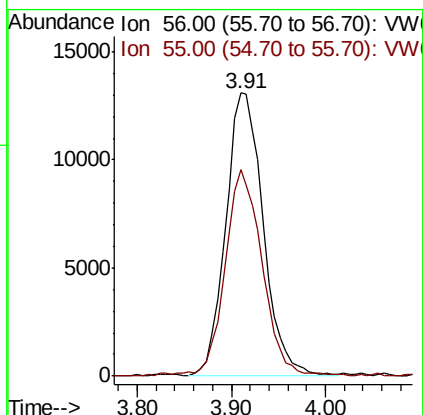
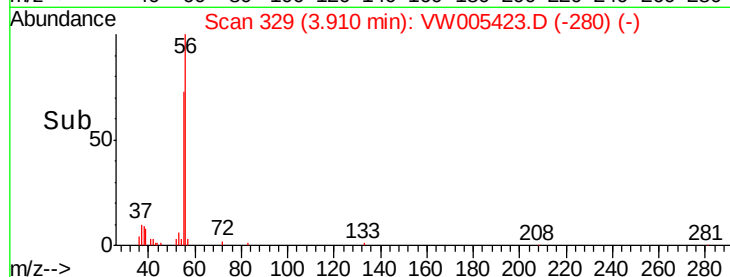
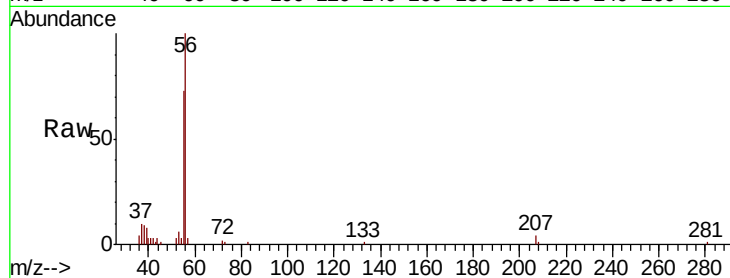
55 72.0 59.8 89.8

Manual Integrations

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#14

Allyl chloride

Concen: 50.90 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW005423.D

Acq: 17 Sep 2018 10:26

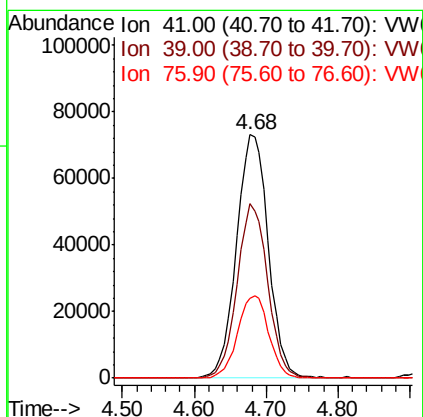
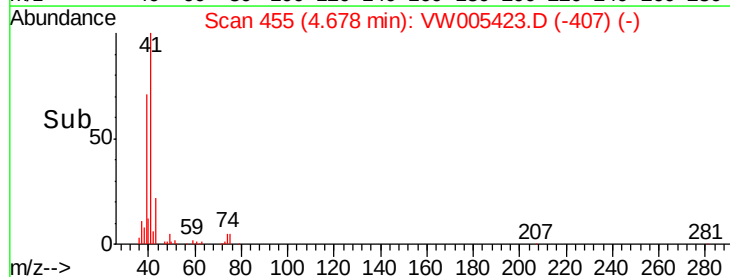
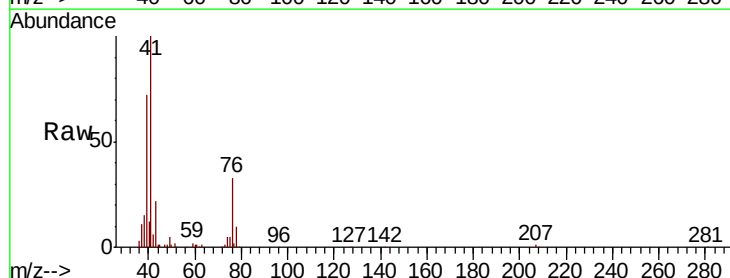
Tgt Ion: 41 Resp: 223707

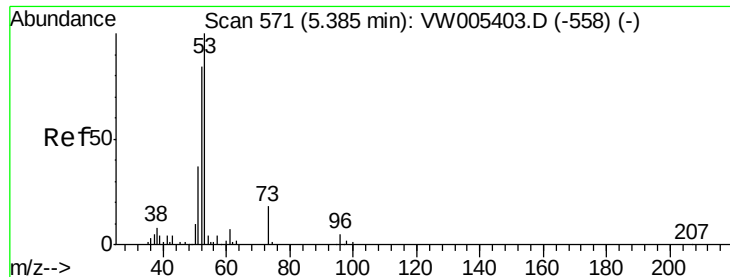
Ion Ratio Lower Upper

41 100

39 69.1 58.6 88.0

76 33.0 27.4 41.0





#15

Acrylonitrile

Concen: 225.66 ug/l

RT: 5.39 min Scan# 572

Delta R.T. 0.01 min

Lab File: VW005423.D

Acq: 17 Sep 2018 10:26

Instrument :

MSVOA_W

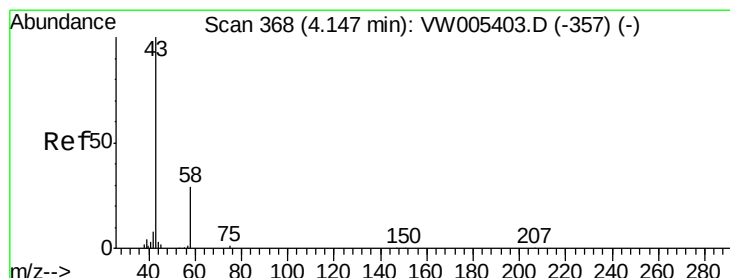
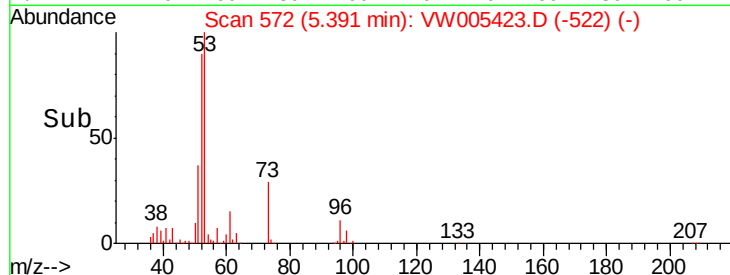
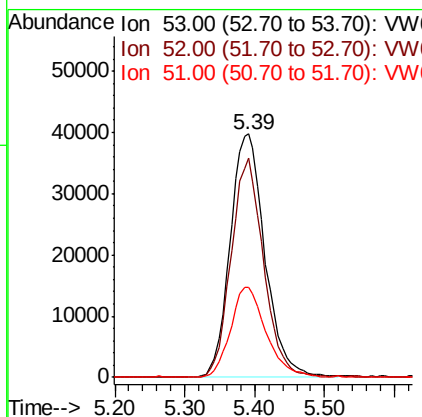
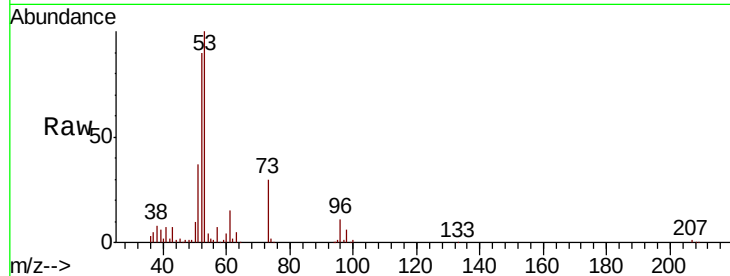
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	137195
Ion Ratio	Lower	Upper	
53	100		
52	84.2	66.6	99.8
51	38.0	31.1	46.7

Manual Integrations
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#16

Acetone

Concen: 234.31 ug/l

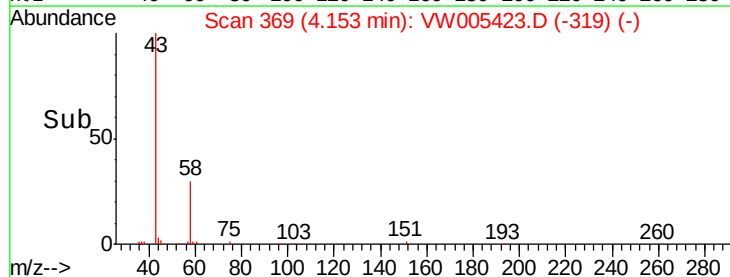
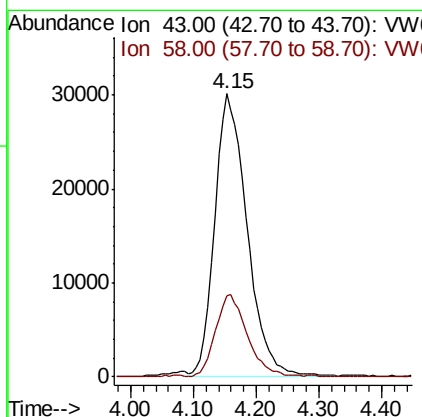
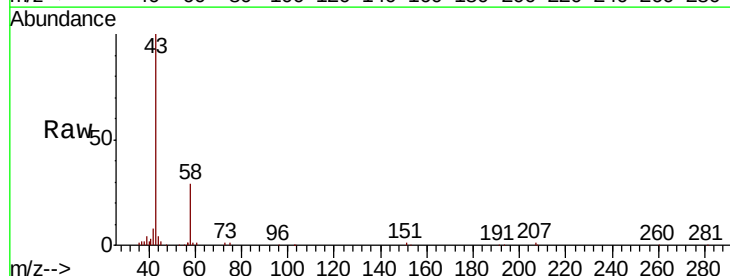
RT: 4.15 min Scan# 369

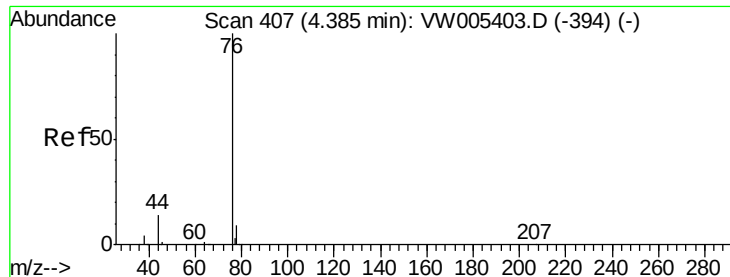
Delta R.T. 0.01 min

Lab File: VW005423.D

Acq: 17 Sep 2018 10:26

Tgt Ion:	43	Resp:	107297
Ion Ratio	Lower	Upper	
43	100		
58	28.6	22.8	34.2





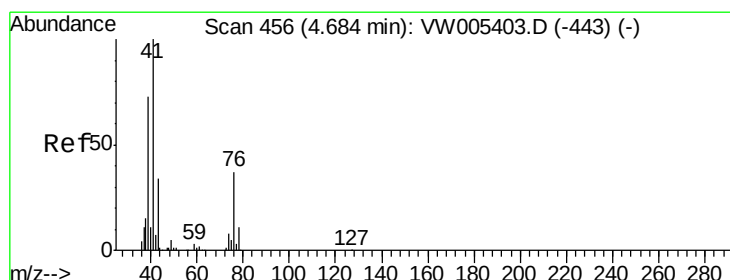
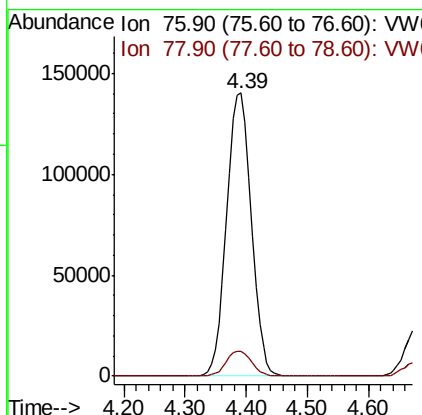
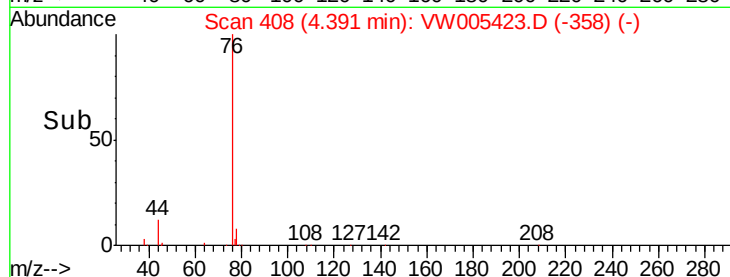
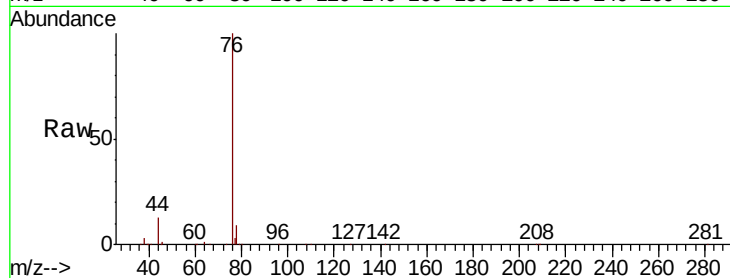
#17
Carbon Disulfide
Concen: 46.90 ug/l
RT: 4.39 min Scan# 408
Delta R.T. 0.01 min
Lab File: VW005423.D
Acq: 17 Sep 2018 10:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.0

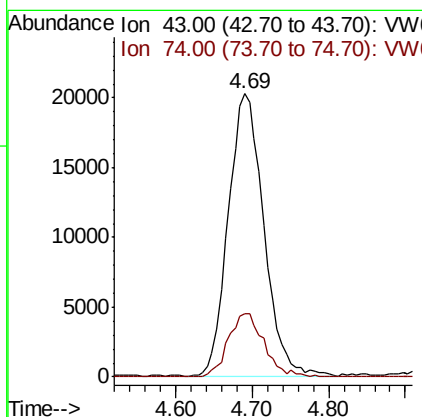
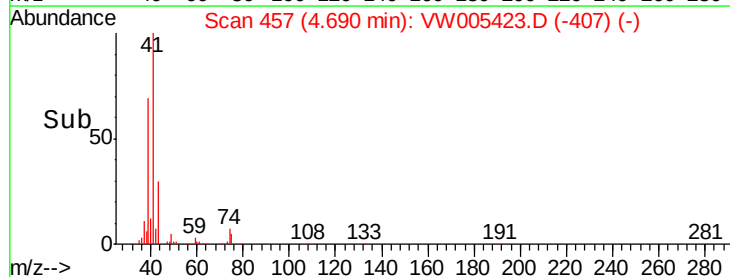
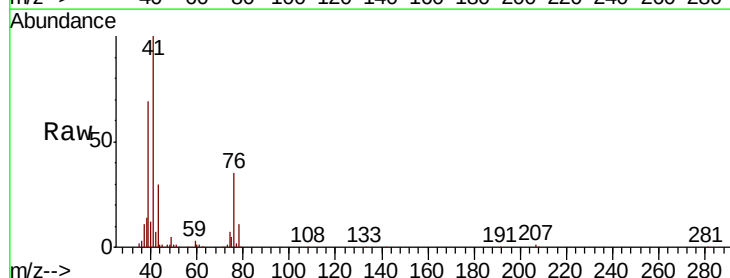
Manual Integrations
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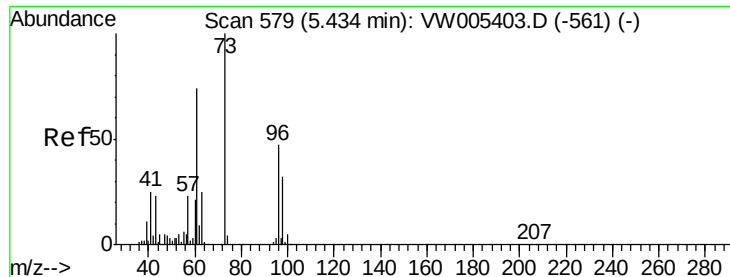
apatel
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#18
Methyl Acetate
Concen: 42.61 ug/l
RT: 4.69 min Scan# 457
Delta R.T. 0.01 min
Lab File: VW005423.D
Acq: 17 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.8	17.7	26.5





#19

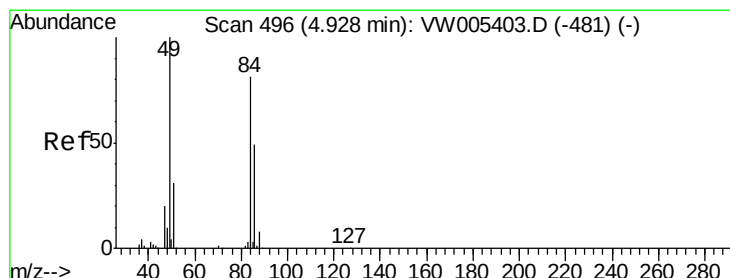
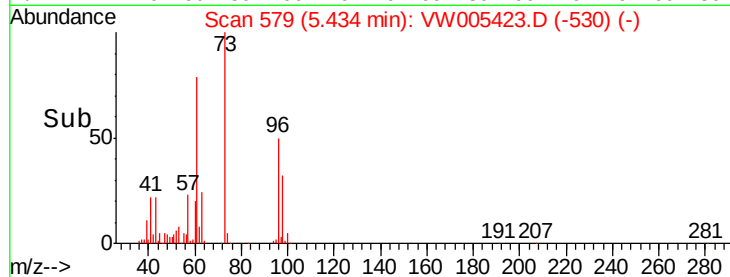
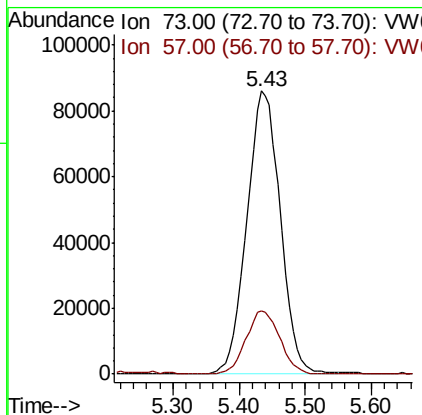
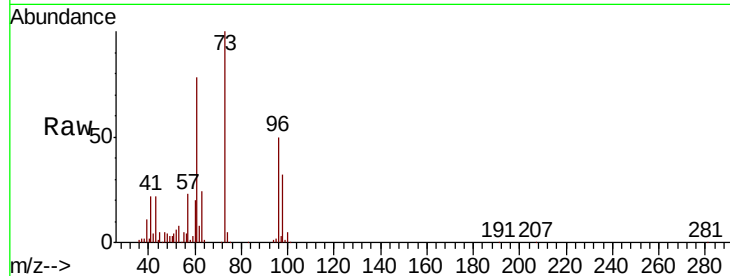
Methyl tert-butyl Ether
 Concen: 47.23 ug/l
 RT: 5.43 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: VW005423.D
 Acq: 17 Sep 2018 10:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	18.6	28.0

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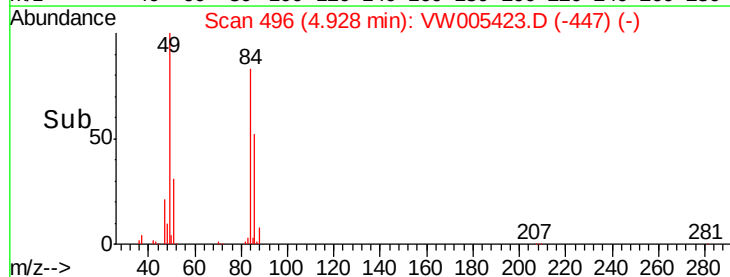
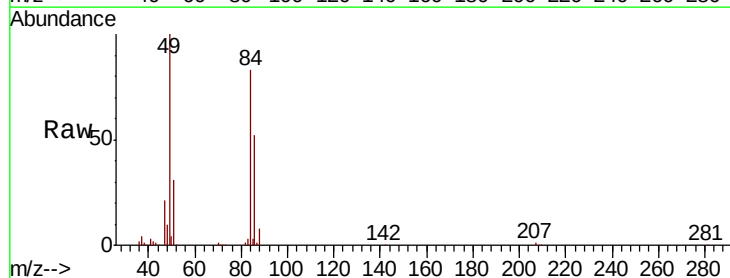
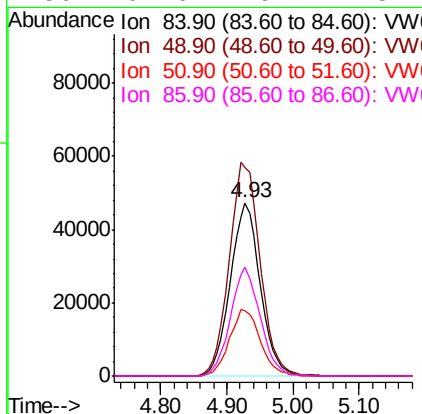
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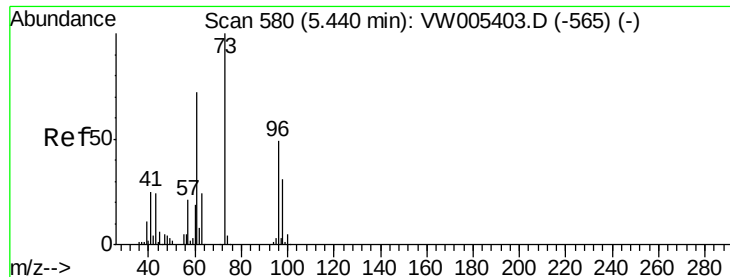


#20

Methylene Chloride
 Concen: 46.78 ug/l
 RT: 4.93 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: VW005423.D
 Acq: 17 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.5	99.3	148.9
51	37.7	31.1	46.7
86	62.6	49.1	73.7





#21

trans-1,2-Dichloroethene

Concen: 47.14 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW005423.D

Acq: 17 Sep 2018 10:26

Instrument :

MSVOA_W

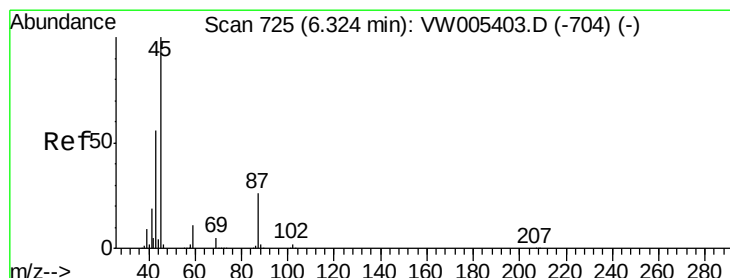
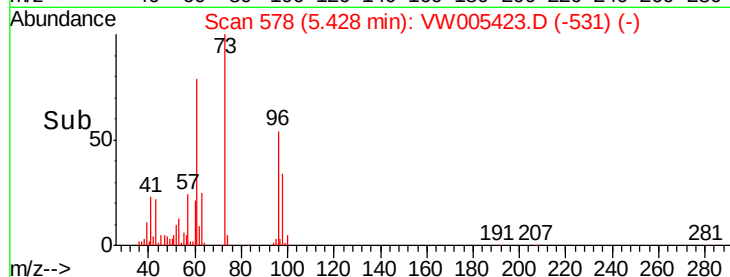
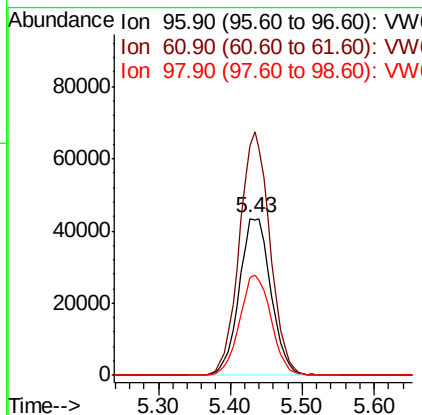
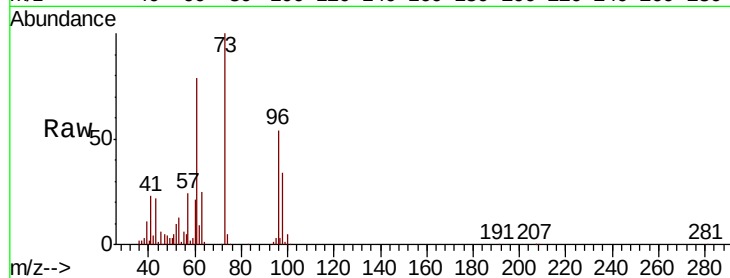
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	132973
Ion	Ratio	Lower	Upper
96	100		
61	146.5	116.7	175.1
98	62.6	51.0	76.6

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#22

Diisopropyl ether

Concen: 50.43 ug/l

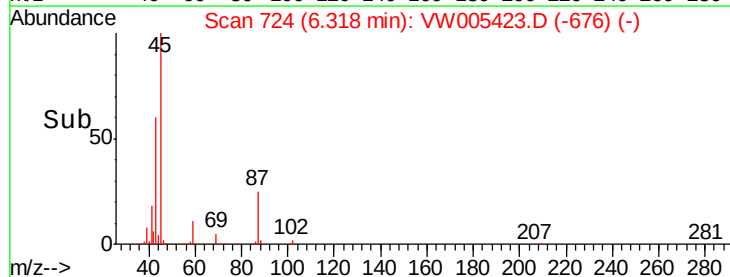
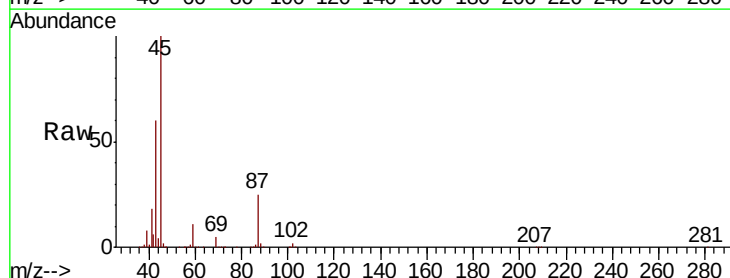
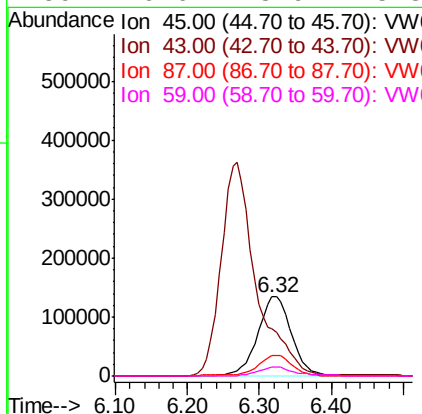
RT: 6.32 min Scan# 724

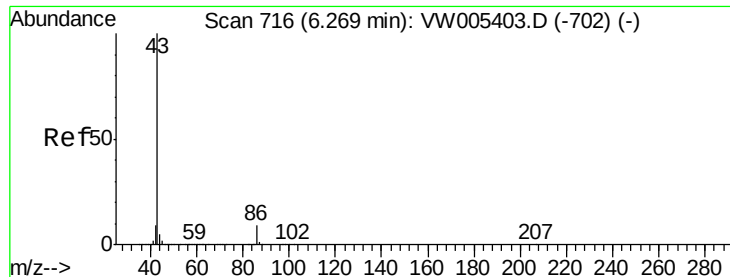
Delta R.T. -0.01 min

Lab File: VW005423.D

Acq: 17 Sep 2018 10:26

Tgt Ion:	45	Resp:	435715
Ion	Ratio	Lower	Upper
45	100		
43	59.5	44.6	67.0
87	25.3	20.6	31.0
59	10.6	8.9	13.3





#23

Vinyl Acetate

Concen: 249.50 ug/l

RT: 6.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: VW005423.D

Acq: 17 Sep 2018 10:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1228397

Ion Ratio Lower Upper

43 100

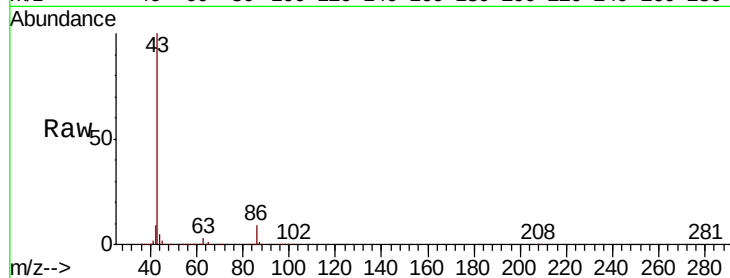
86 9.4 7.5 11.3

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.27

400000

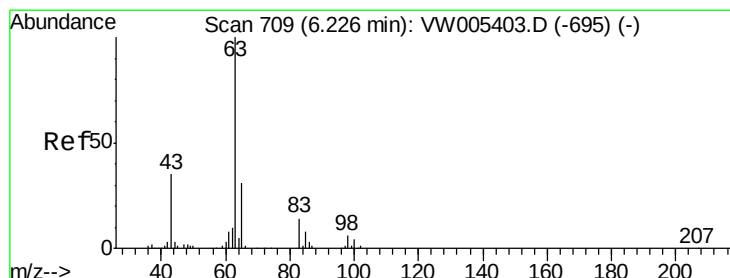
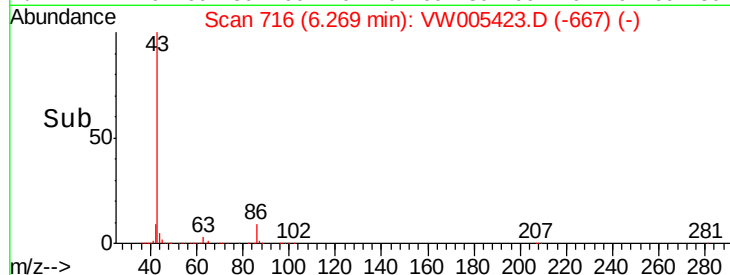
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 47.44 ug/l

RT: 6.23 min Scan# 709

Delta R.T. 0.00 min

Lab File: VW005423.D

Acq: 17 Sep 2018 10:26

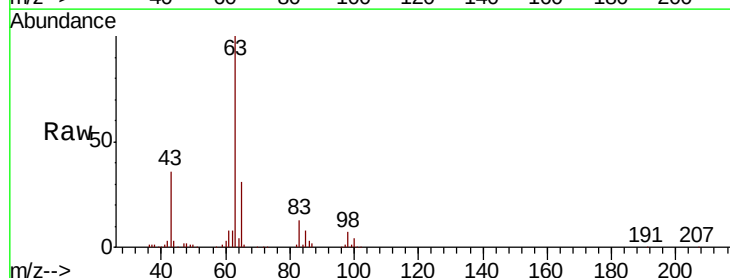
Tgt Ion: 63 Resp: 248736

Ion Ratio Lower Upper

63 100

98 6.9 2.9 8.8

100 4.1 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.23

100000

80000

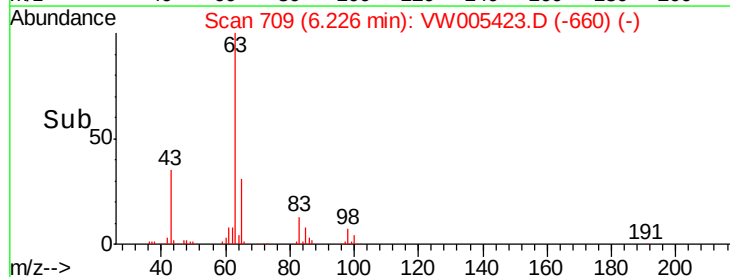
60000

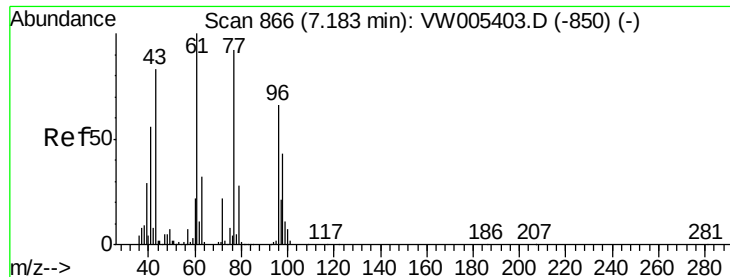
40000

20000

0

Time-->





#25

2-Butanone

Concen: 232.50 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW005423.D

Acq: 17 Sep 2018 10:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 177241

Ion Ratio Lower Upper

43 100

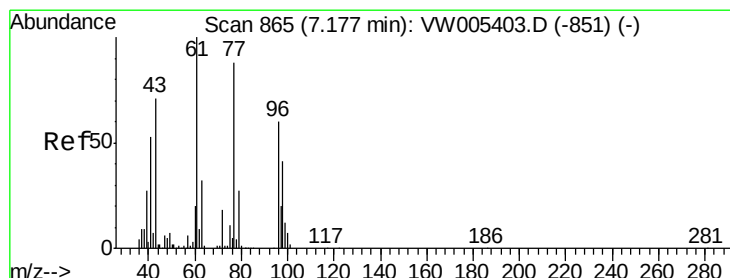
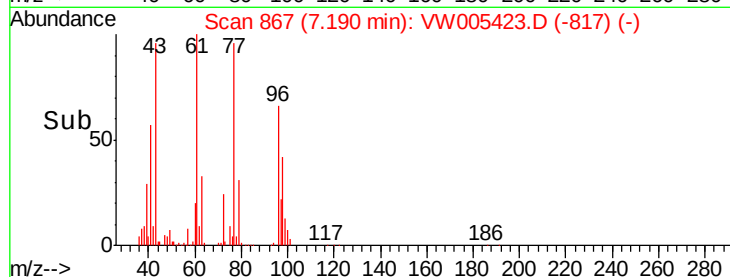
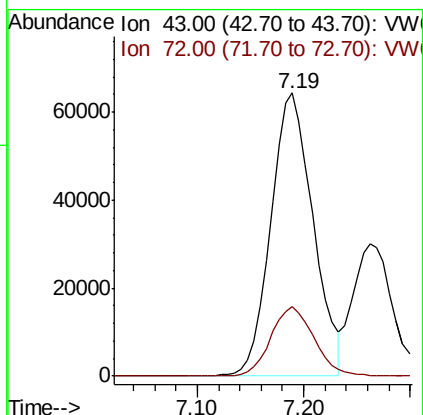
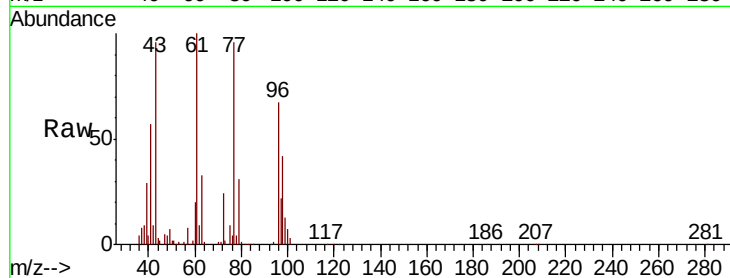
72 24.7 21.1 31.7

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#26

2,2-Dichloropropane

Concen: 50.91 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW005423.D

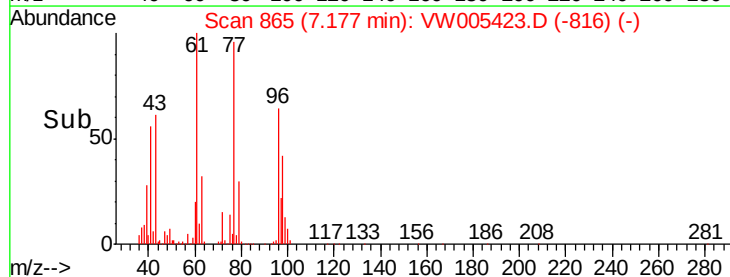
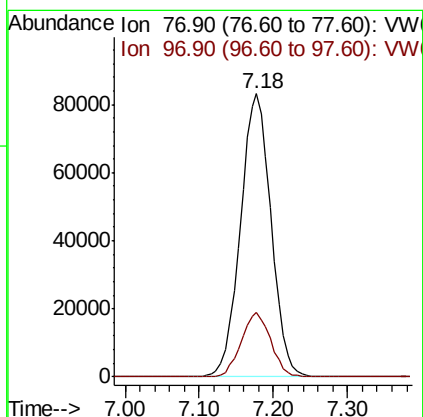
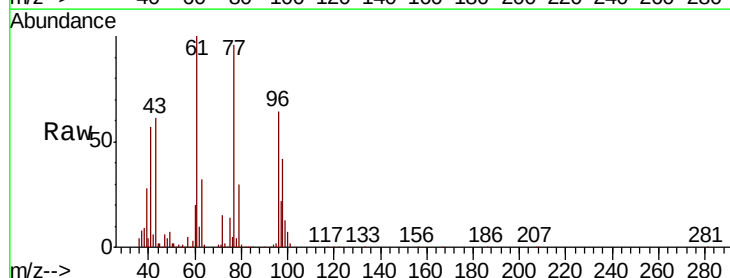
Acq: 17 Sep 2018 10:26

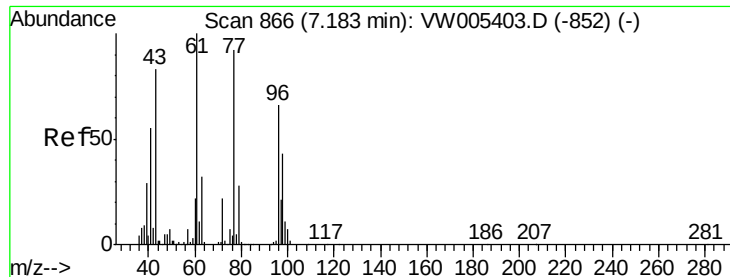
Tgt Ion: 77 Resp: 239434

Ion Ratio Lower Upper

77 100

97 22.0 10.7 32.1





#27

cis-1,2-Dichloroethene

Concen: 47.37 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW005423.D

Acq: 17 Sep 2018 10:26

Instrument :

MSVOA_W

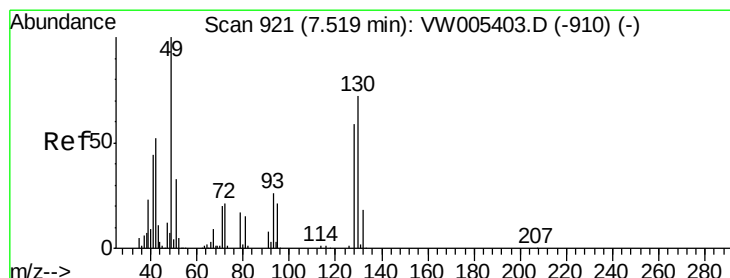
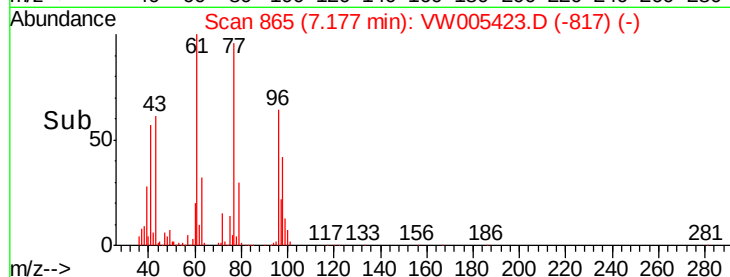
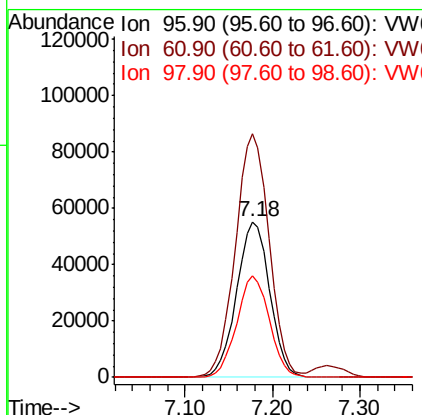
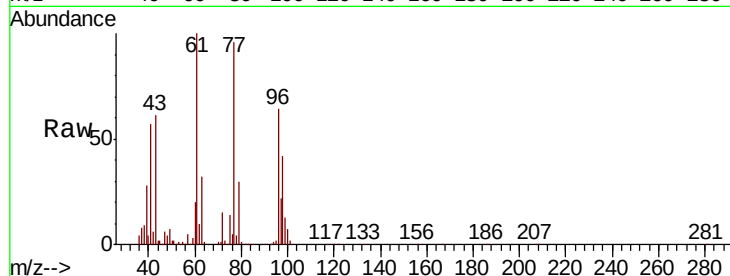
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	145354
Ion	Ratio	Lower	Upper
96	100		
61	159.4	0.0	316.0
98	64.2	0.0	130.8

Manual Integrations
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#28

Bromochloromethane

Concen: 45.26 ug/l

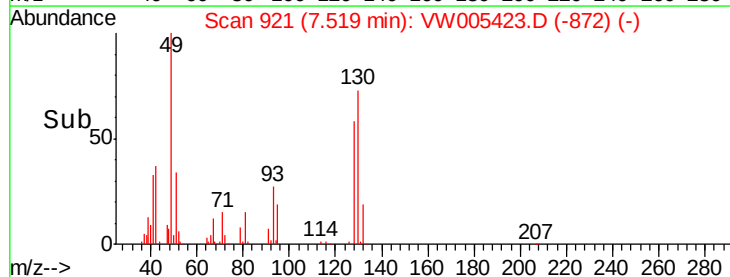
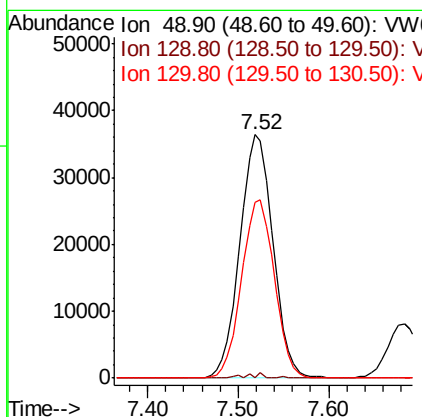
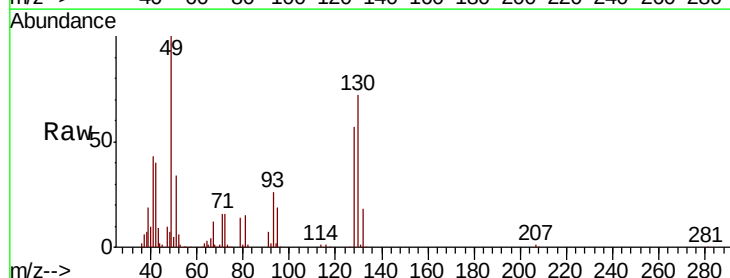
RT: 7.52 min Scan# 921

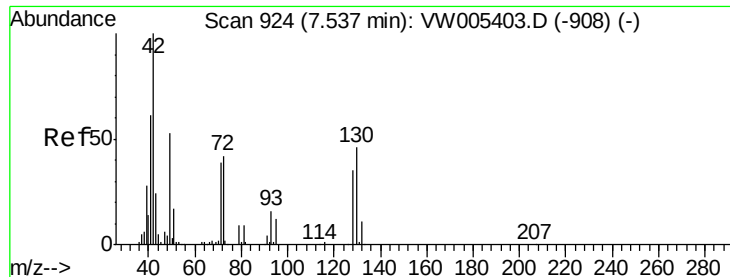
Delta R.T. 0.00 min

Lab File: VW005423.D

Acq: 17 Sep 2018 10:26

Tgt Ion:	49	Resp:	92312
Ion	Ratio	Lower	Upper
49	100		
129	0.2	0.0	1.0
130	72.5	61.4	92.2





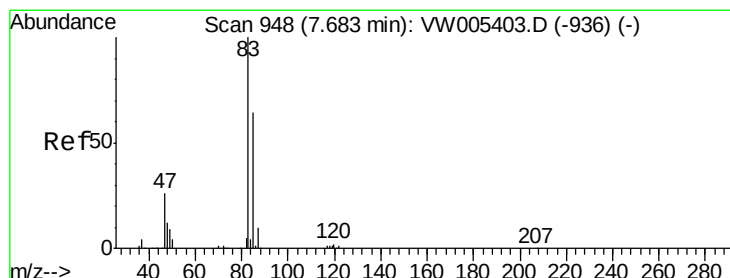
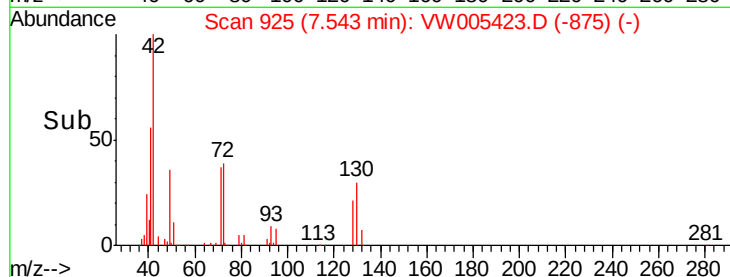
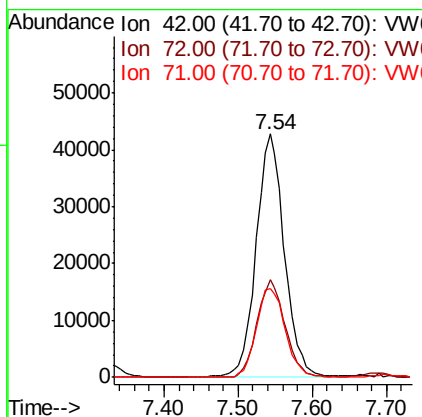
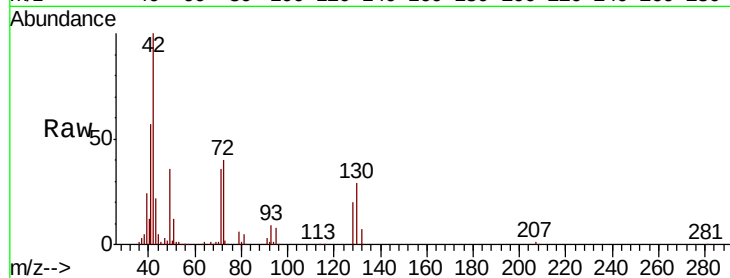
#29
Tetrahydrofuran
Concen: 232.80 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW005423.D
Acq: 17 Sep 2018 10:26

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion:	42	Resp:	113060
Ion Ratio		Lower	Upper
42	100		
72	40.1	33.2	49.8
71	37.9	31.0	46.6

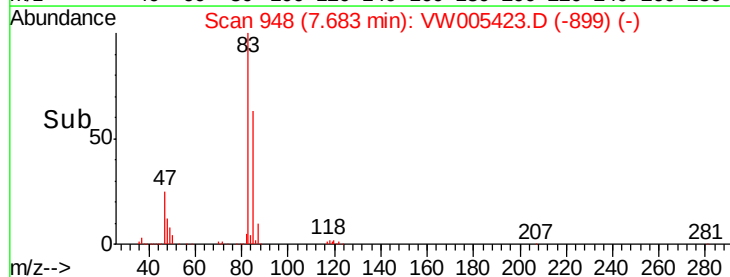
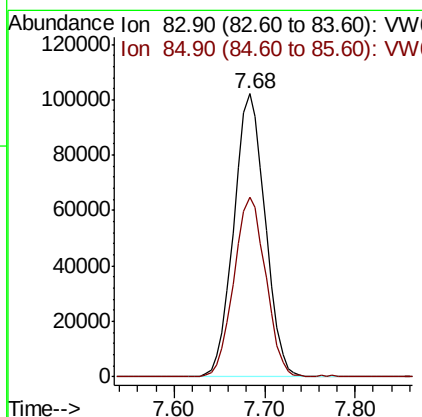
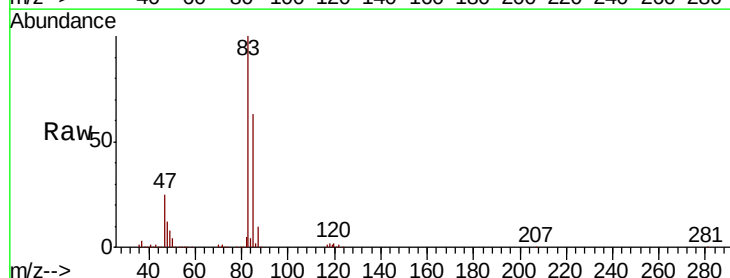
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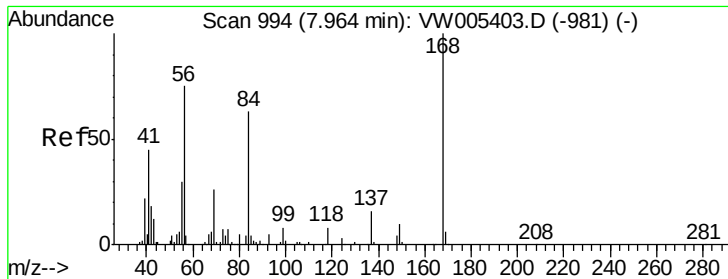
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#30
Chloroform
Concen: 45.13 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.00 min
Lab File: VW005423.D
Acq: 17 Sep 2018 10:26

Tgt Ion:	83	Resp:	245029
Ion Ratio		Lower	Upper
83	100		
85	63.5	51.5	77.3





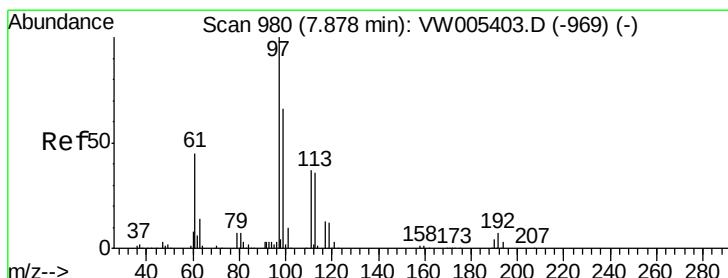
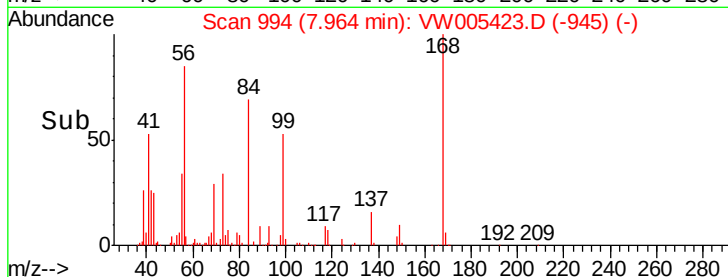
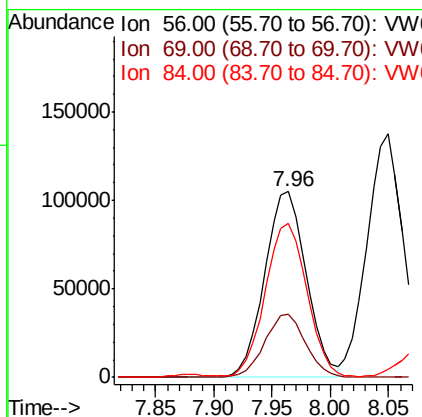
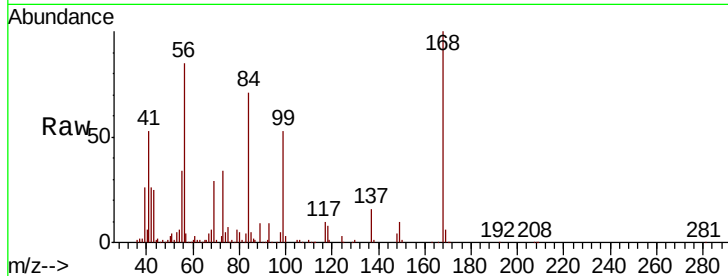
#31
Cyclohexane
Concen: 51.45 ug/l
RT: 7.96 min Scan# 994
Delta R.T. 0.00 min
Lab File: VW005423.D
Acq: 17 Sep 2018 10:26

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.7	27.2	40.8
84	81.7	66.7	100.1

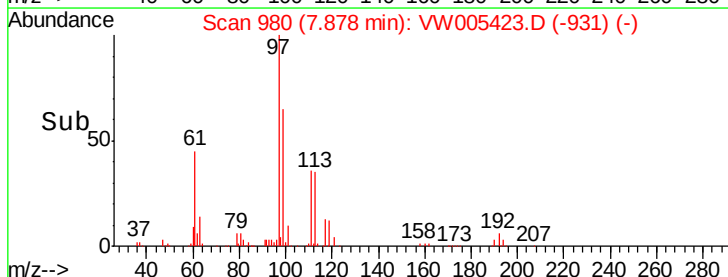
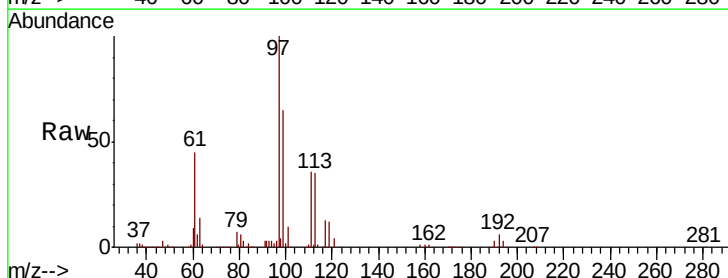
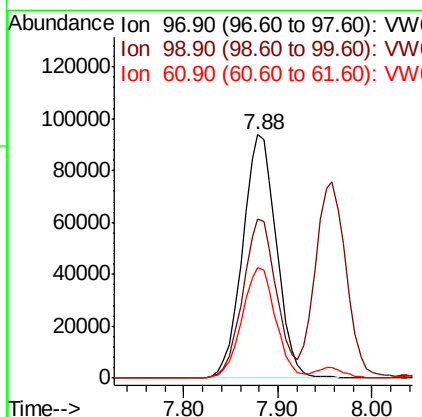
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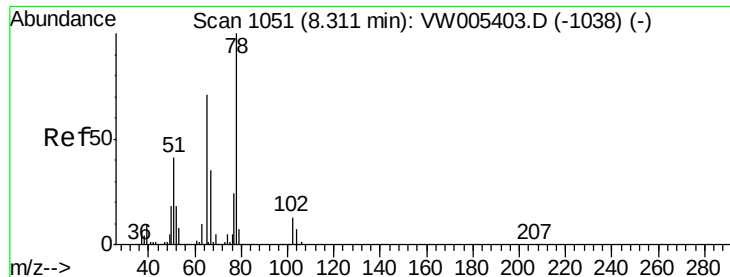
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#32
1,1,1-Trichloroethane
Concen: 46.68 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW005423.D
Acq: 17 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.5	77.3
61	45.4	35.8	53.6





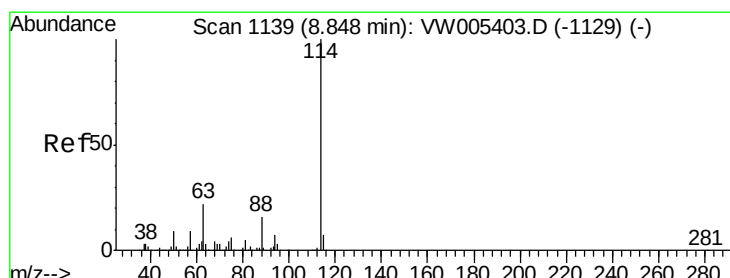
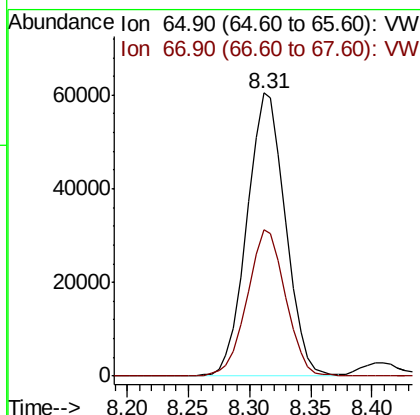
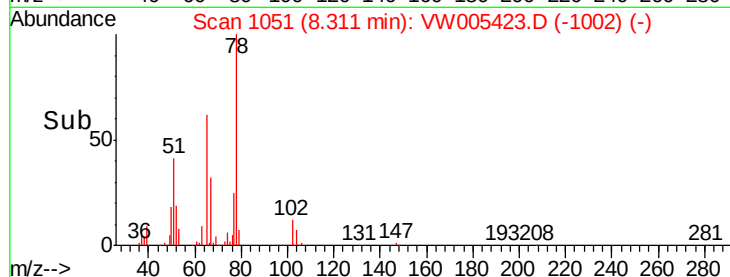
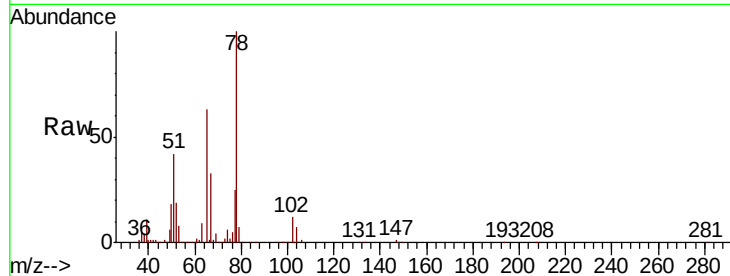
#33
 1,2-Dichloroethane-d4
 Concen: 41.77 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005423.D
 Acq: 17 Sep 2018 10:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.6	0.0	100.6	

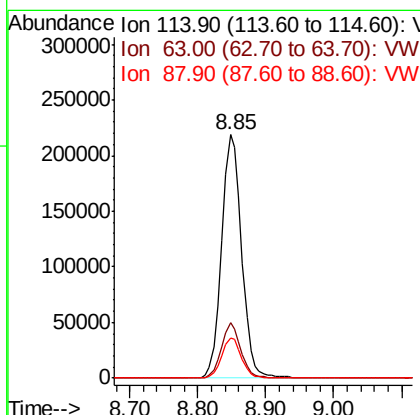
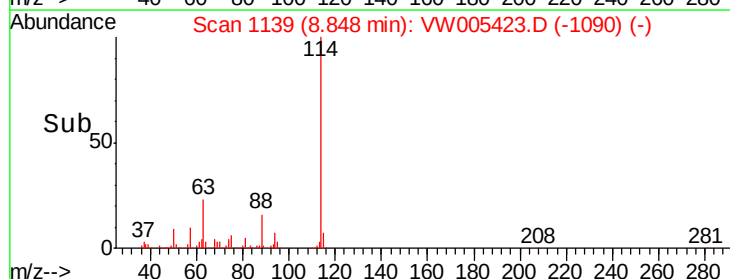
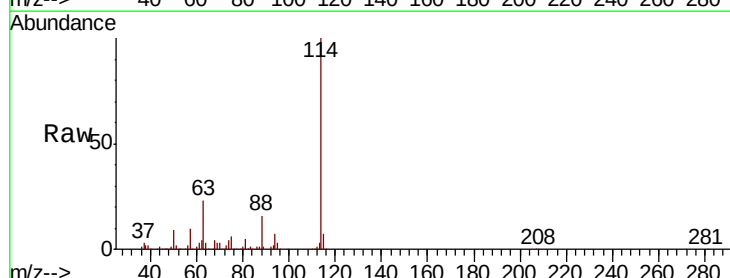
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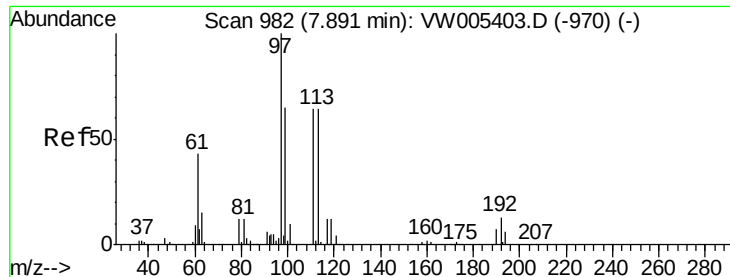
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005423.D
 Acq: 17 Sep 2018 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	23.0	0.0	43.4	
88	16.3	0.0	31.8	





#35

Dibromofluoromethane

Concen: 45.55 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW005423.D

Acq: 17 Sep 2018 10:26

Instrument :

MSVOA_W

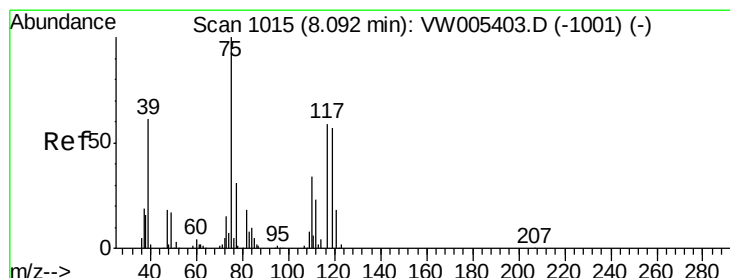
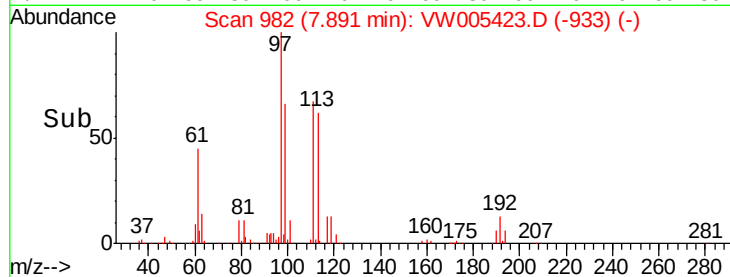
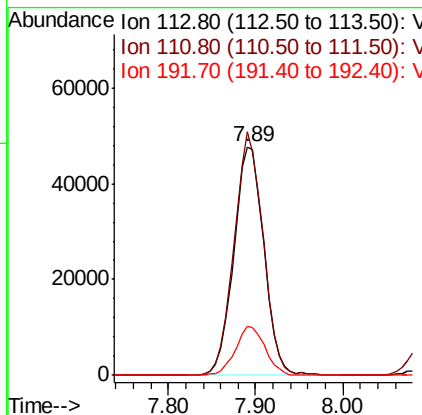
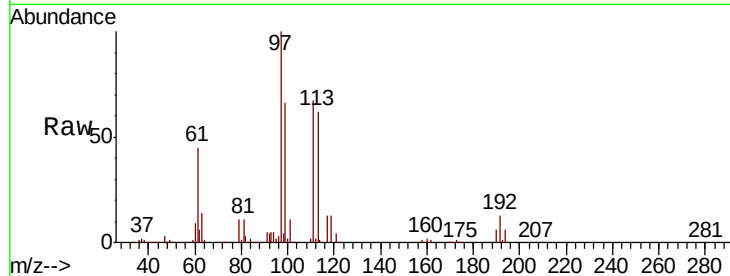
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	113811
Ion Ratio	Lower	Upper	
113	100		
111	103.0	82.3	123.5
192	21.2	16.5	24.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 50.41 ug/l

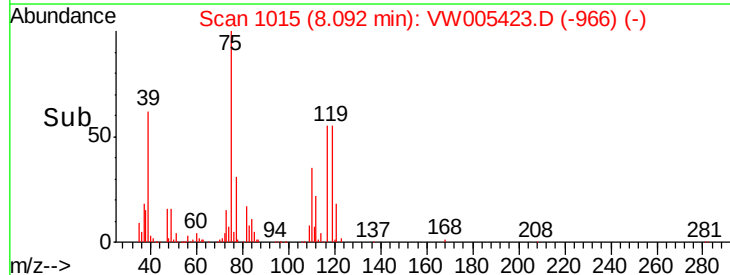
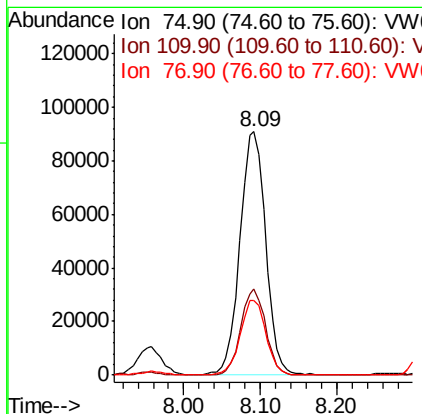
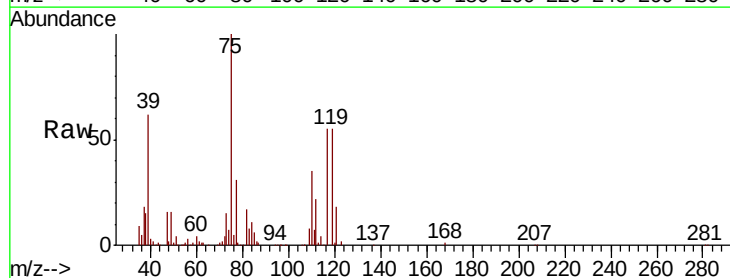
RT: 8.09 min Scan# 1015

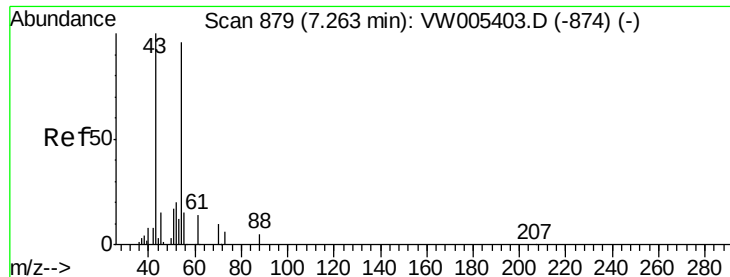
Delta R.T. 0.00 min

Lab File: VW005423.D

Acq: 17 Sep 2018 10:26

Tgt Ion:	75	Resp:	212608
Ion Ratio	Lower	Upper	
75	100		
110	34.0	16.8	50.4
77	30.7	24.2	36.4





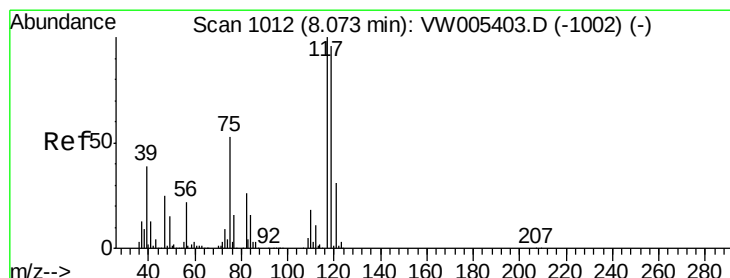
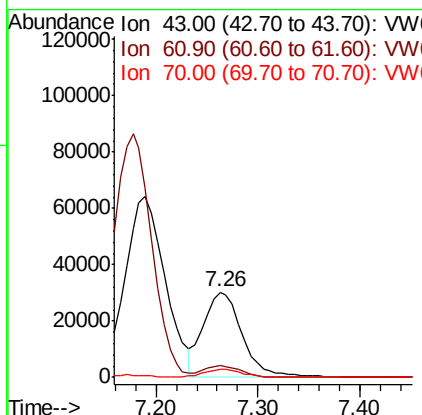
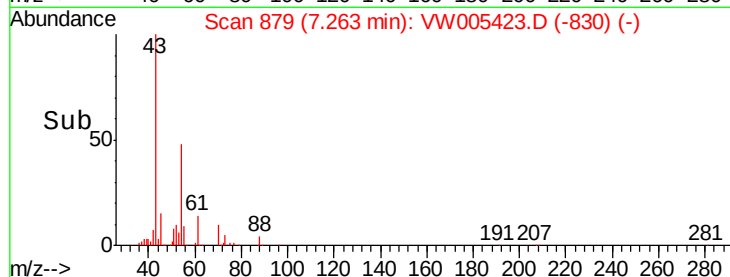
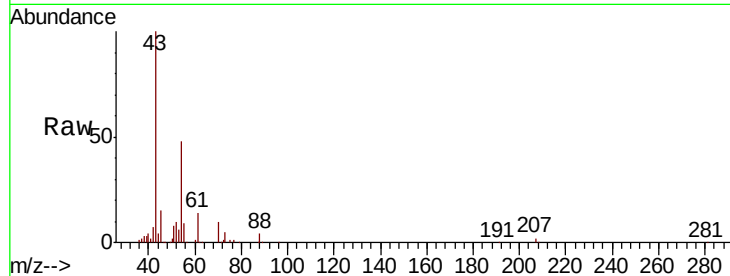
#37
Ethyl Acetate
Concen: 46.52 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: VW005423.D
Acq: 17 Sep 2018 10:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	79783
Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.3	16.9
70	9.6	8.2	12.4

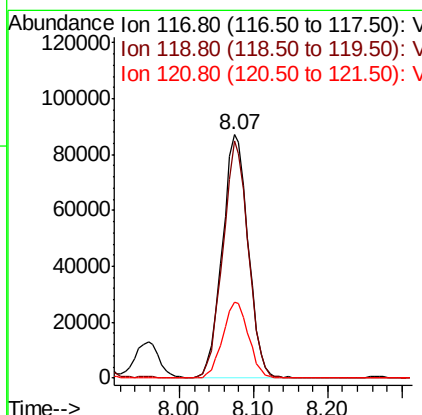
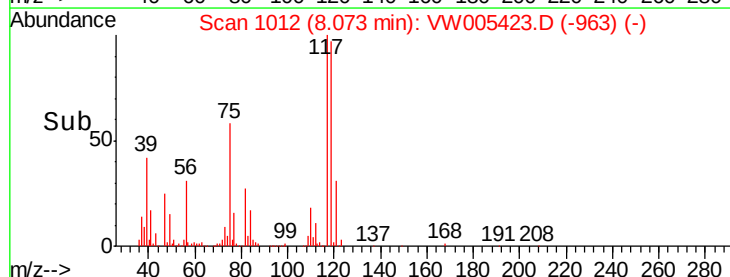
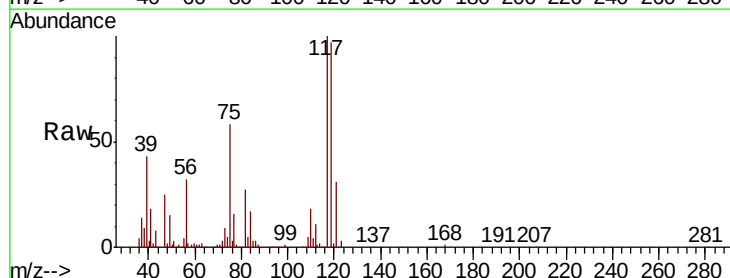
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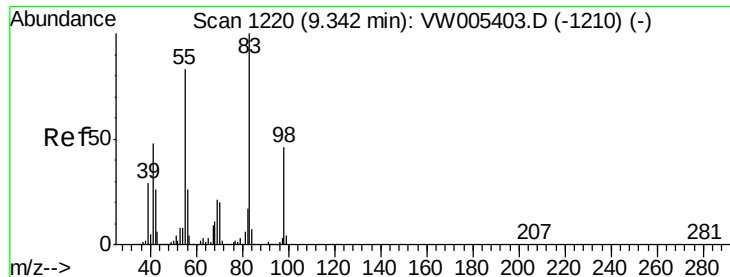
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#38
Carbon Tetrachloride
Concen: 48.09 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW005423.D
Acq: 17 Sep 2018 10:26

Tgt Ion:	117	Resp:	211317
Ion	Ratio	Lower	Upper
117	100		
119	97.3	76.8	115.2
121	31.0	24.7	37.1





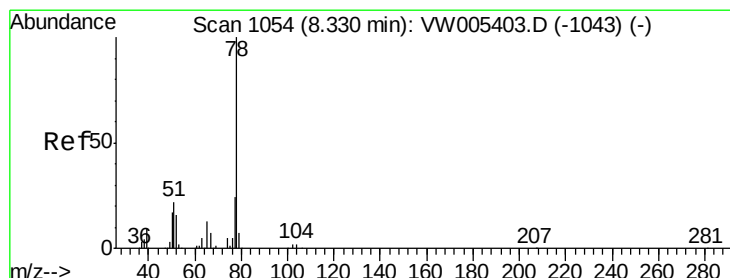
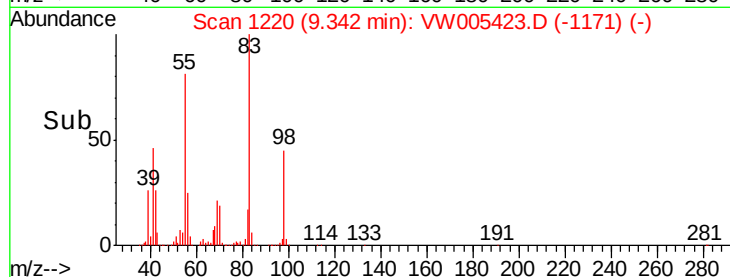
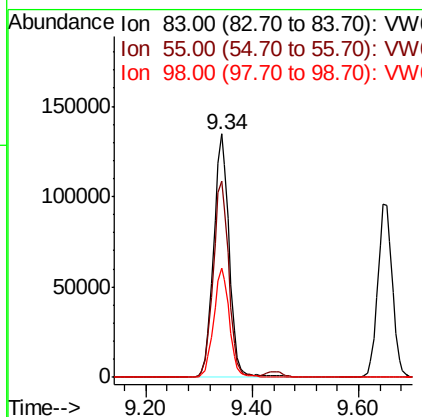
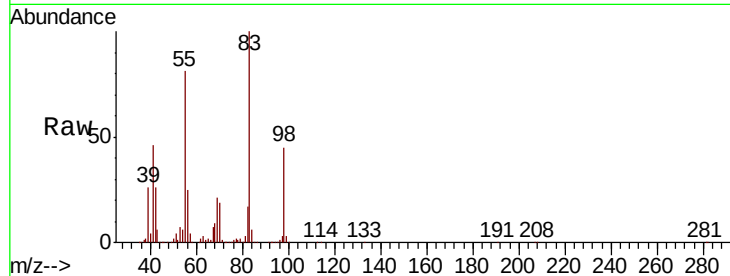
#39
Methylvlcyclohexane
Concen: 55.79 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW005423.D
Acq: 17 Sep 2018 10:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	273387		
55	80.6	66.1	99.1	
98	44.6	36.7	55.1	

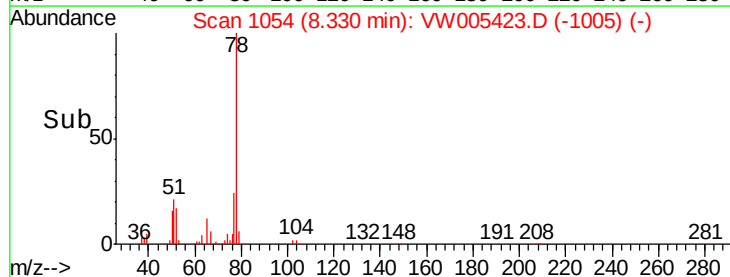
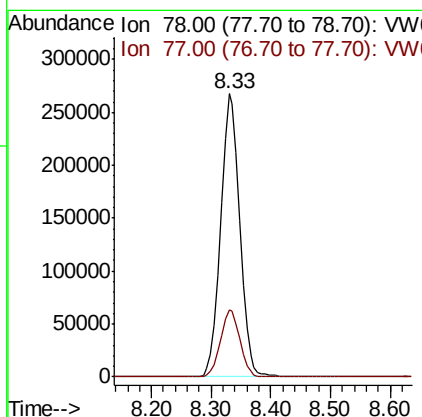
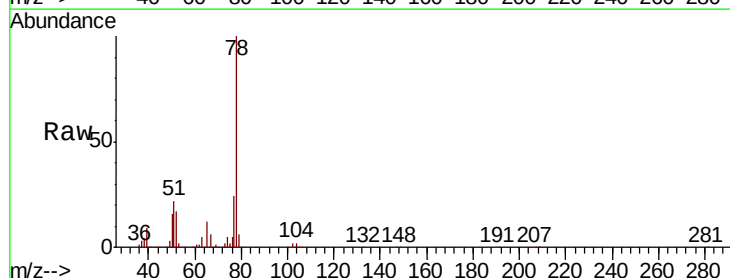
Manual Integrations
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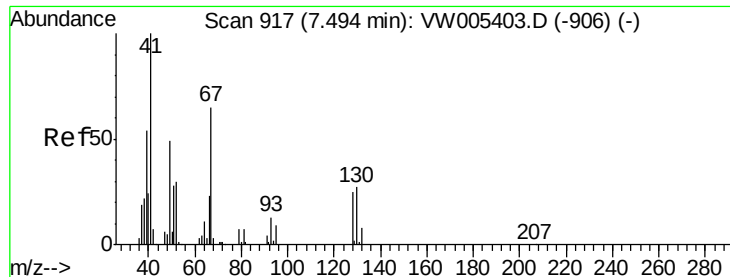
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#40
Benzene
Concen: 48.95 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW005423.D
Acq: 17 Sep 2018 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	598024		
77	23.9	19.3	28.9	





#41

Methacrylonitrile

Concen: 47.01 ug/l

RT: 7.49 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW005423.D

Acq: 17 Sep 2018 10:26

Instrument :

MSVOA_W

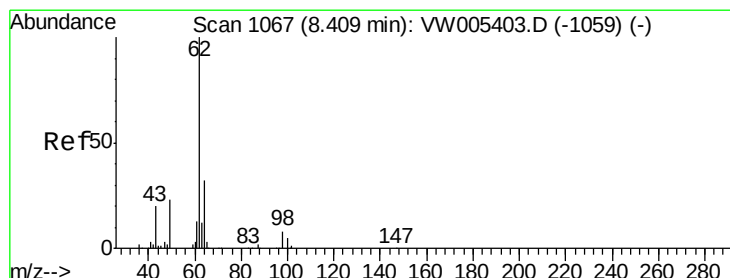
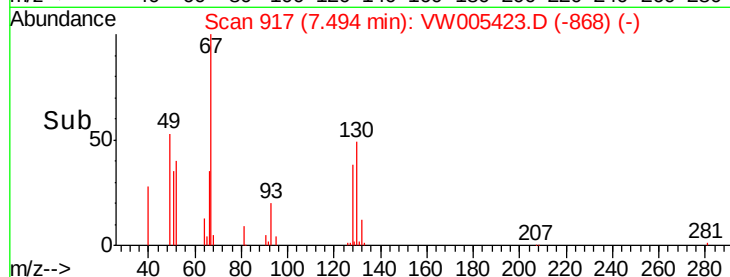
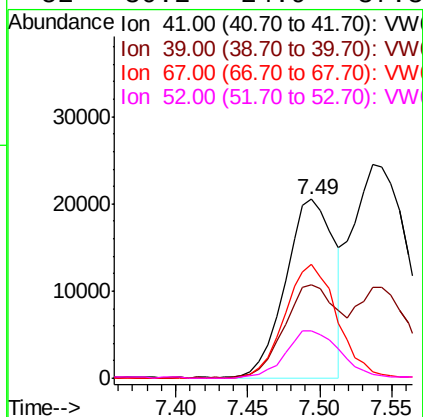
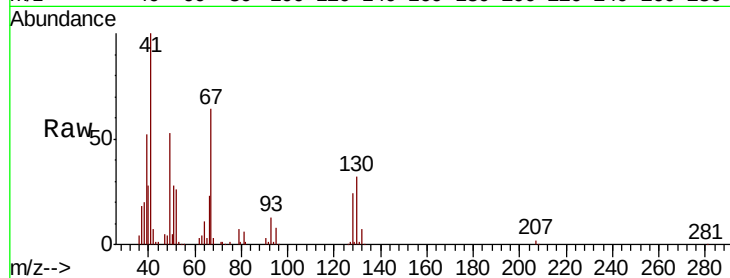
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	41	100	48645		
39	39	58.6		44.6	67.0
67	67	68.5		53.6	80.4
52	52	30.2		24.9	37.3

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 43.26 ug/l

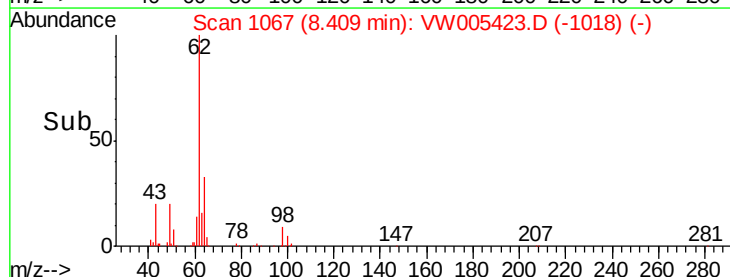
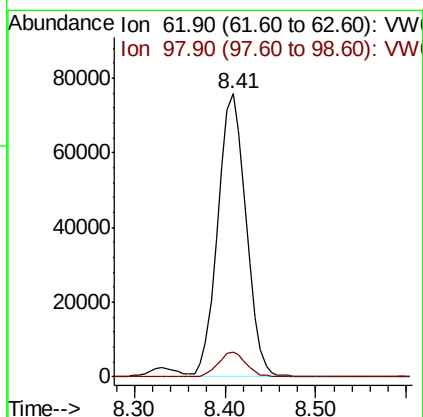
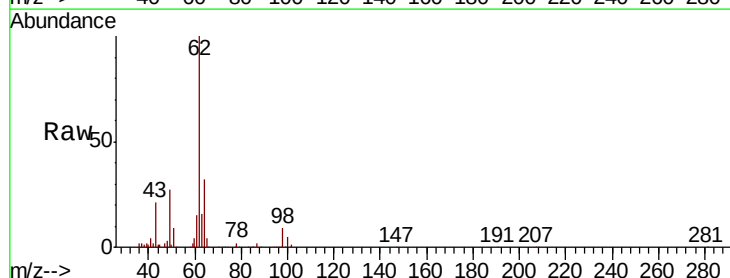
RT: 8.41 min Scan# 1067

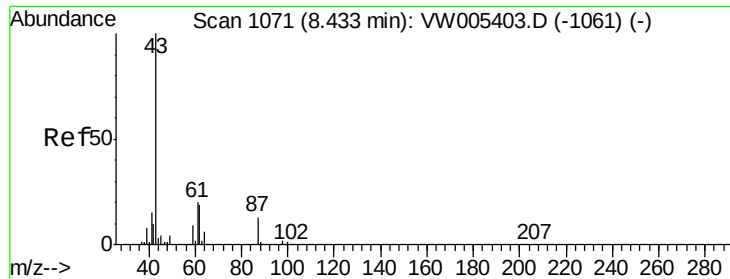
Delta R.T. 0.00 min

Lab File: VW005423.D

Acq: 17 Sep 2018 10:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	62	100	165411		
98	98	8.7		0.0	15.6





#43

Isopropyl Acetate

Concen: 47.35 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.00 min

Lab File: VW005423.D

Acq: 17 Sep 2018 10:26

Instrument :

MSVOA_W

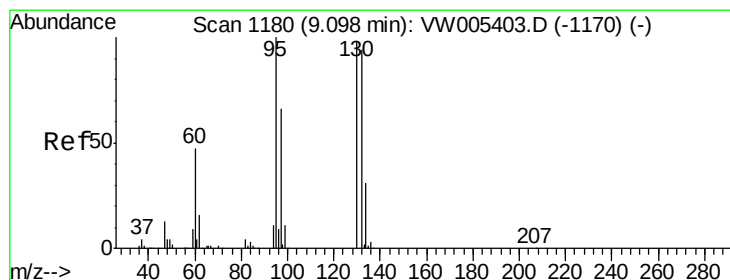
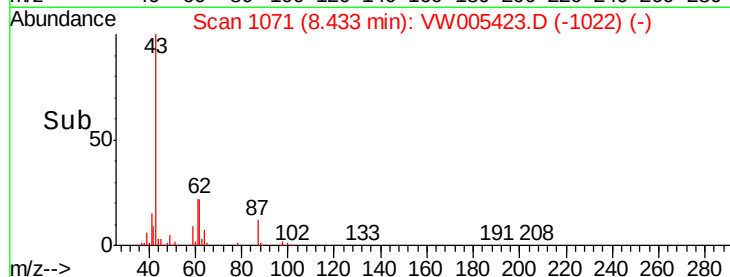
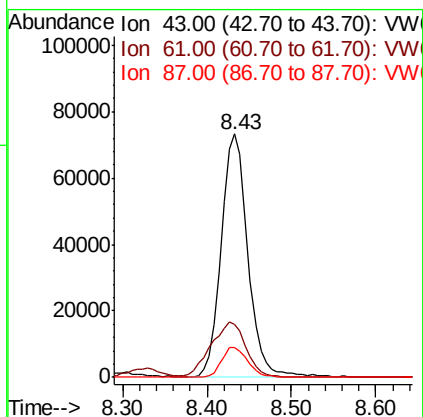
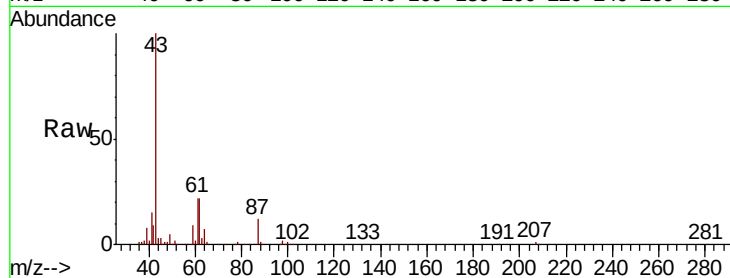
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	158493
Ion	Ratio	Lower	Upper
43	100		
61	29.5	23.8	35.6
87	12.5	10.1	15.1

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#44

Trichloroethene

Concen: 49.07 ug/l

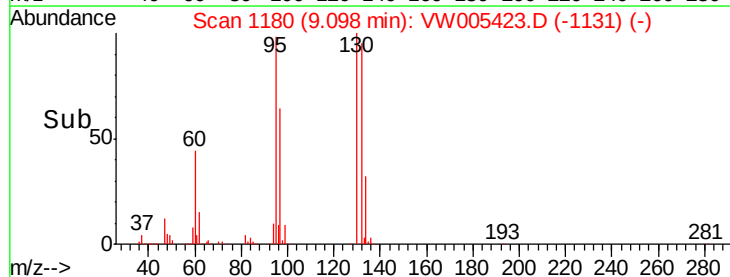
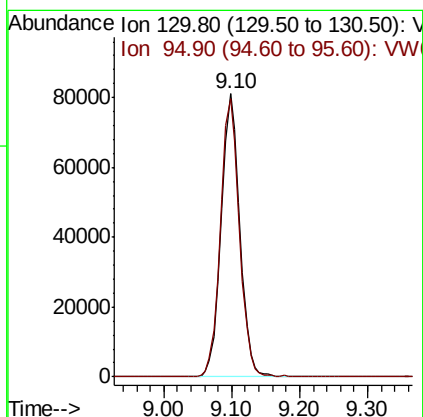
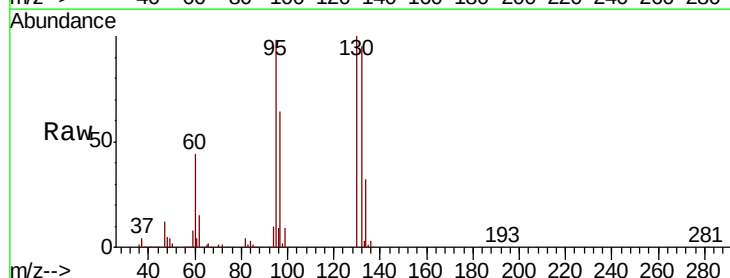
RT: 9.10 min Scan# 1180

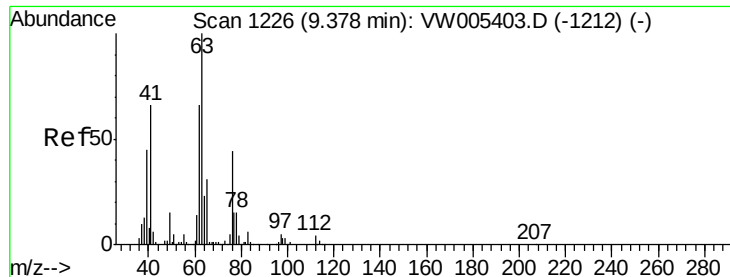
Delta R.T. 0.00 min

Lab File: VW005423.D

Acq: 17 Sep 2018 10:26

Tgt Ion:	130	Resp:	154308
Ion	Ratio	Lower	Upper
130	100		
95	98.5	0.0	204.6





#45

1,2-Dichloropropane

Concen: 49.76 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.01 min

Lab File: VW005423.D

Acq: 17 Sep 2018 10:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 145236

Ion Ratio Lower Upper

63 100

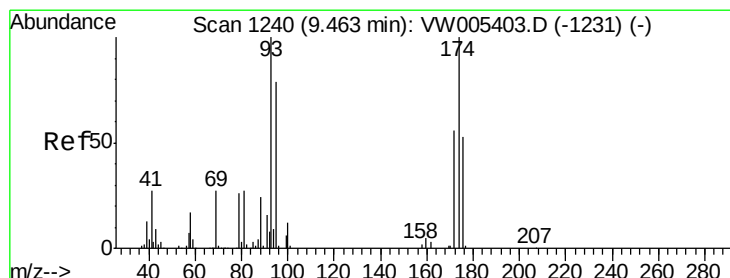
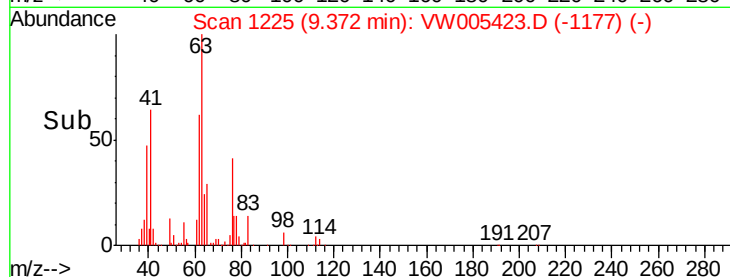
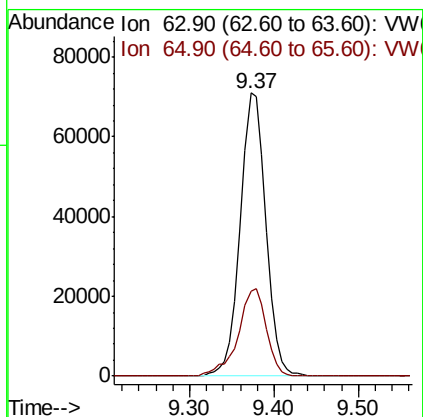
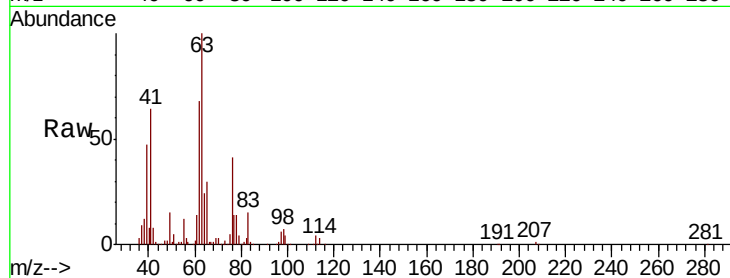
65 30.0 25.0 37.6

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#46

Dibromomethane

Concen: 45.81 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW005423.D

Acq: 17 Sep 2018 10:26

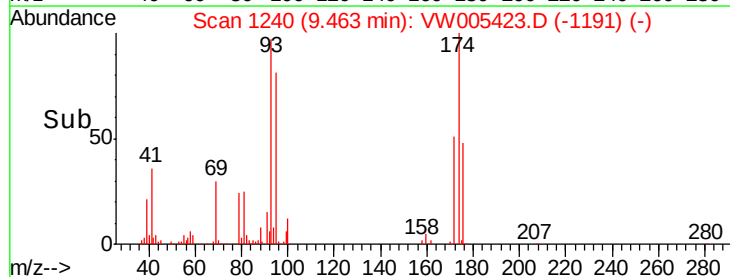
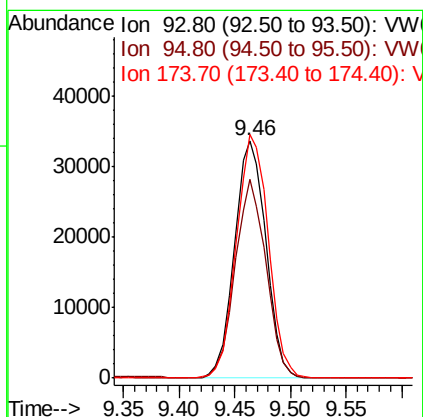
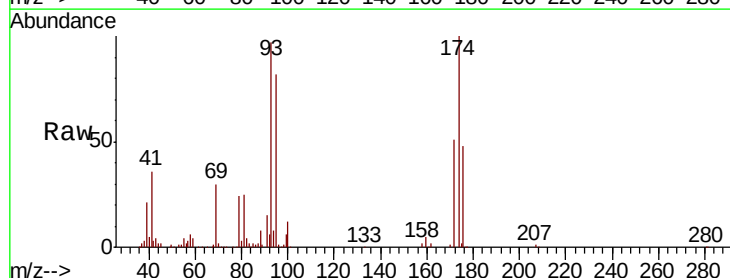
Tgt Ion: 93 Resp: 65777

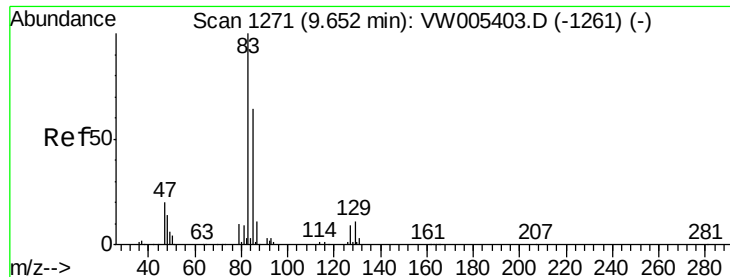
Ion Ratio Lower Upper

93 100

95 82.4 65.4 98.0

174 104.4 83.4 125.2





#47

Bromodichloromethane

Concen: 47.32 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VW005423.D

Acq: 17 Sep 2018 10:26

Instrument :

MSVOA_W

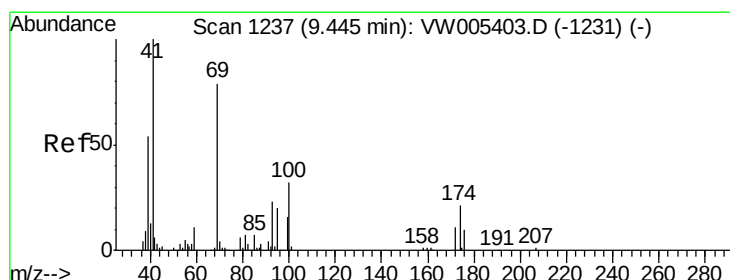
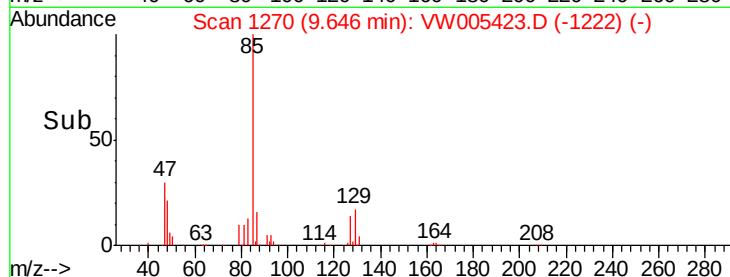
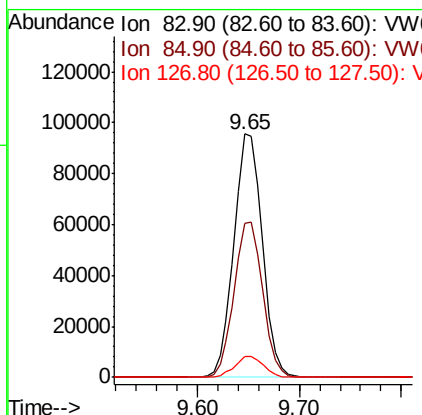
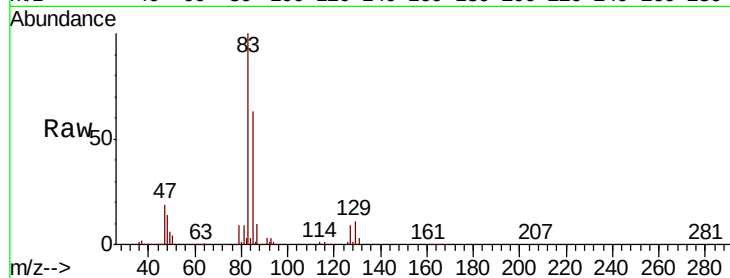
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	184102
Ion Ratio	Lower	Upper	
83	100		
85	63.1	50.9	76.3
127	8.8	7.0	10.4

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#48

Methyl methacrylate

Concen: 48.42 ug/l

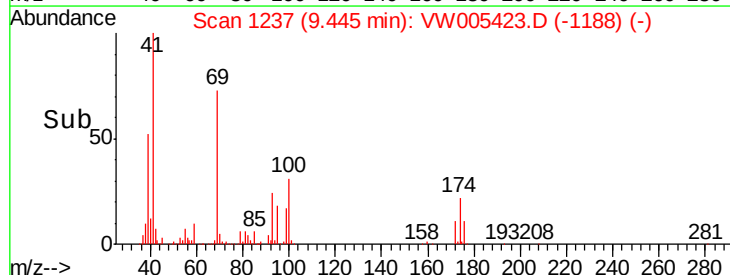
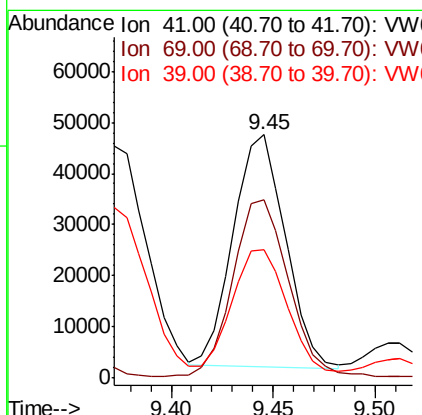
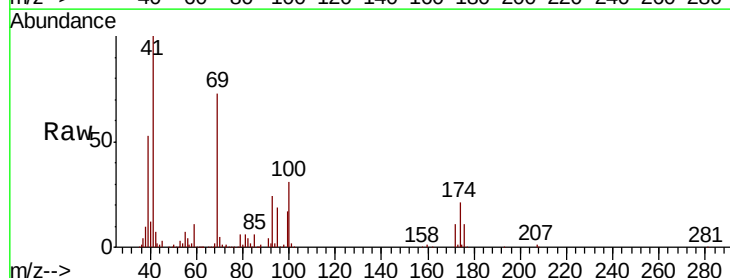
RT: 9.45 min Scan# 1237

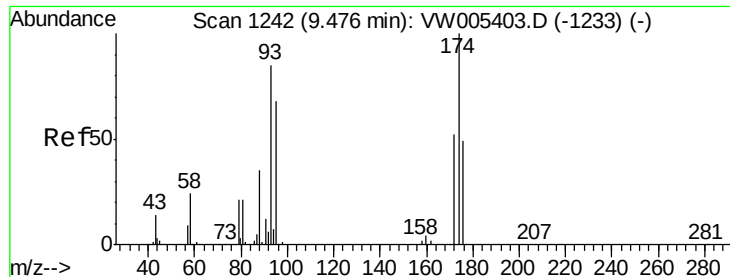
Delta R.T. 0.00 min

Lab File: VW005423.D

Acq: 17 Sep 2018 10:26

Tgt Ion:	41	Resp:	80874
Ion Ratio	Lower	Upper	
41	100		
69	84.0	67.5	101.3
39	54.6	45.5	68.3





#49

1,4-Dioxane

Concen: 966.52 ug/l

RT: 9.49 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VW005423.D

Acq: 17 Sep 2018 10:26

Instrument :

MSVOA_W

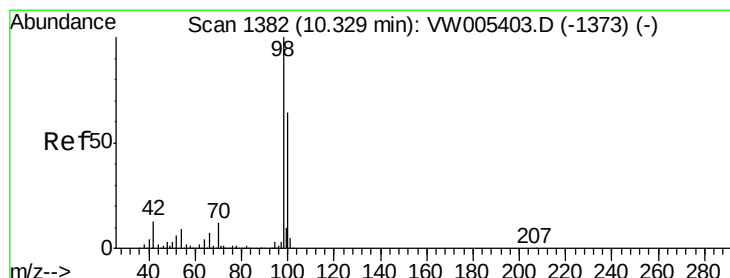
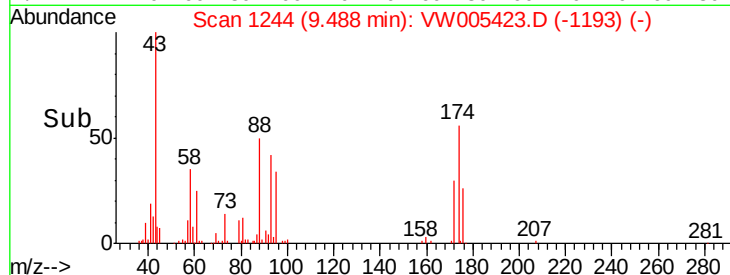
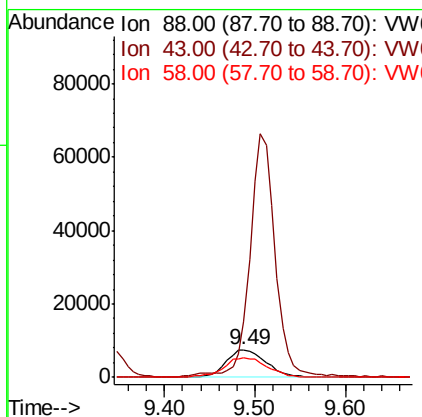
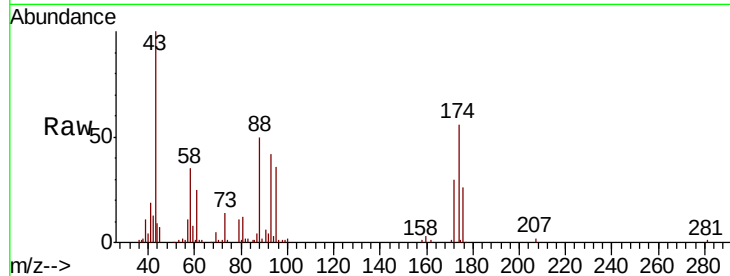
ClientSampled :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	557.2	0.0	0.0#
58	77.4	62.4	93.6

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#50

Toluene-d8

Concen: 48.64 ug/l

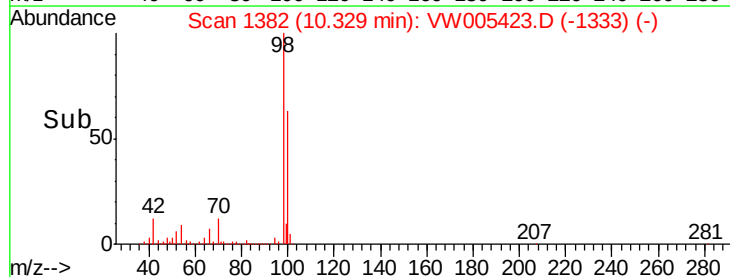
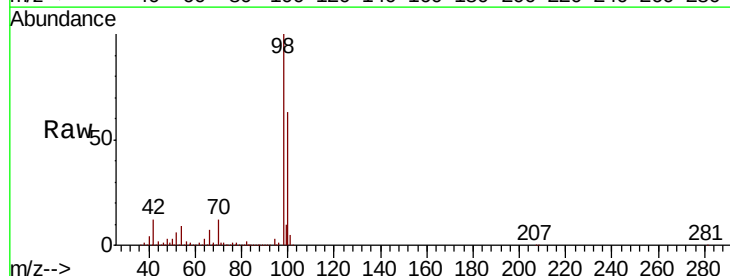
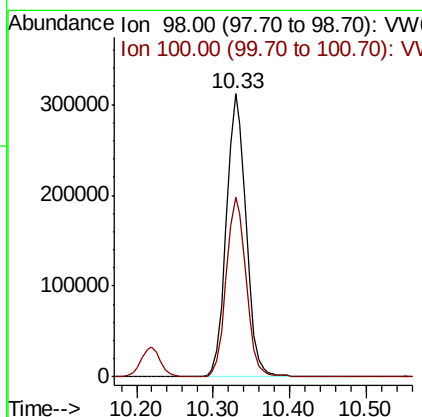
RT: 10.33 min Scan# 1382

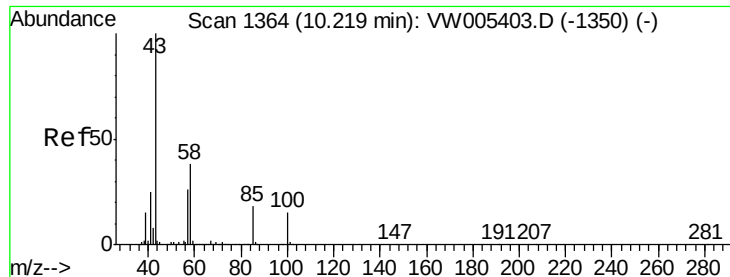
Delta R.T. 0.00 min

Lab File: VW005423.D

Acq: 17 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 245.77 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VW005423.D

Acq: 17 Sep 2018 10:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 423462

Ion Ratio Lower Upper

43 100

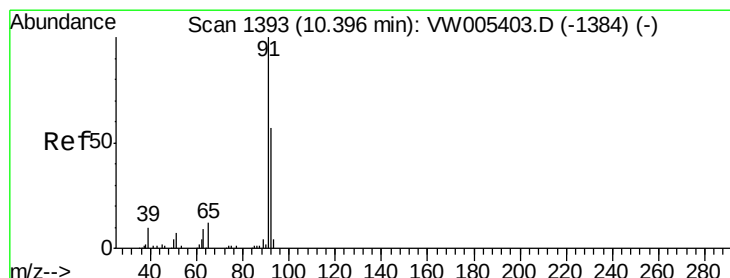
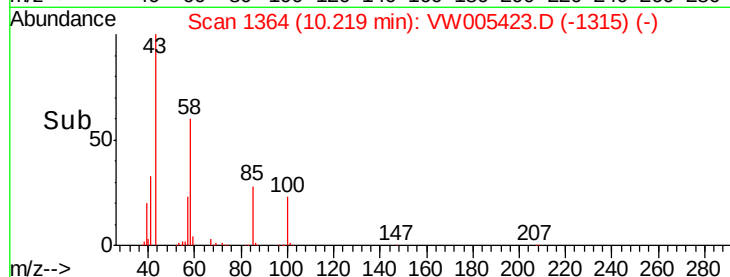
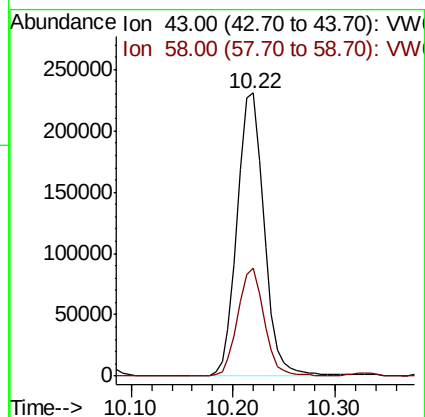
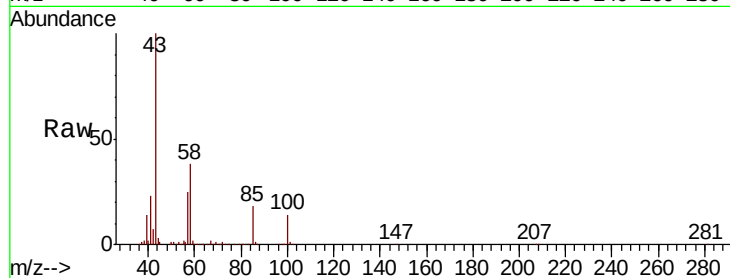
58 37.4 29.9 44.9

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#52

Toluene

Concen: 50.13 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW005423.D

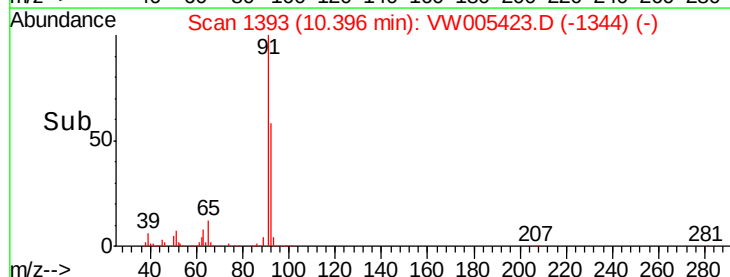
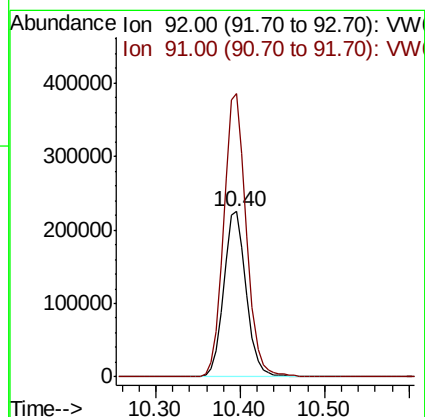
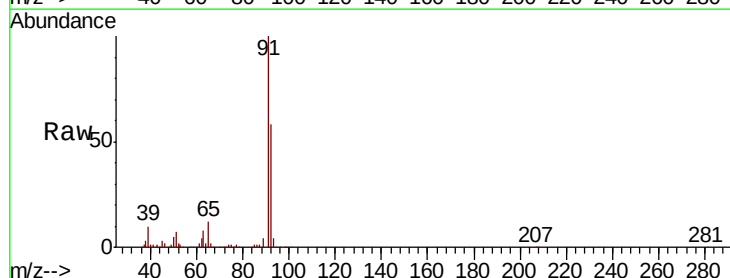
Acq: 17 Sep 2018 10:26

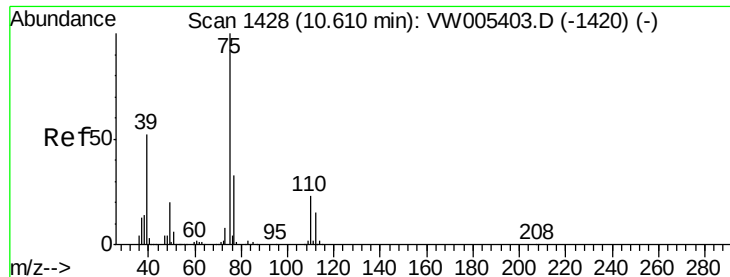
Tgt Ion: 92 Resp: 414741

Ion Ratio Lower Upper

92 100

91 171.8 139.1 208.7





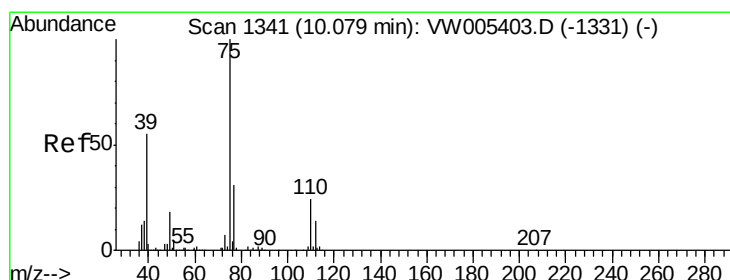
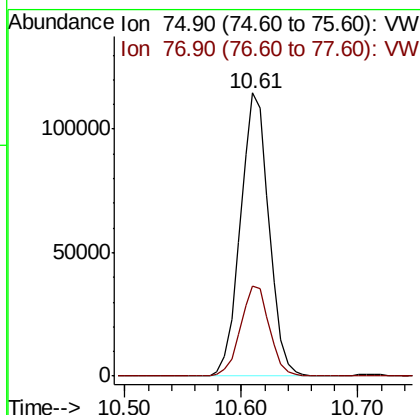
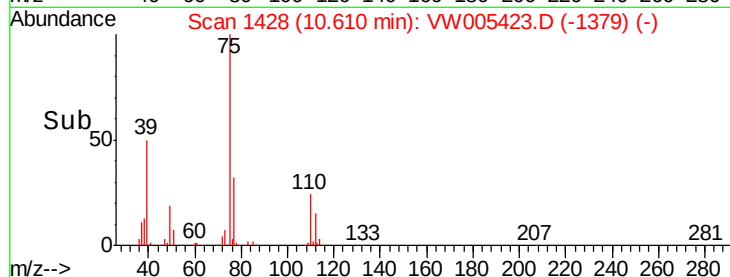
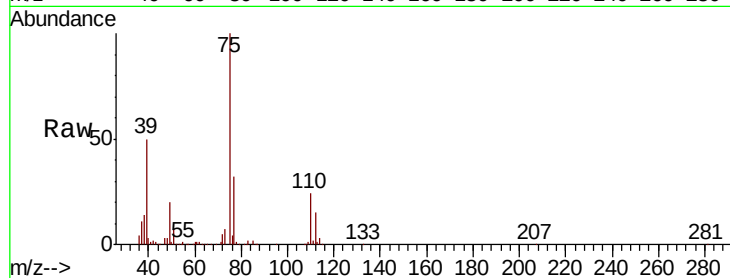
#53
 t-1,3-Dichloropropene
 Concen: 50.19 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW005423.D
 Acq: 17 Sep 2018 10:26

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	26.5	39.7

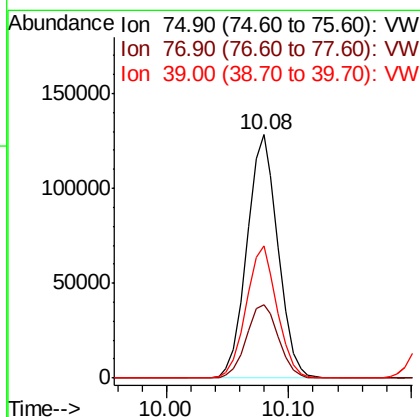
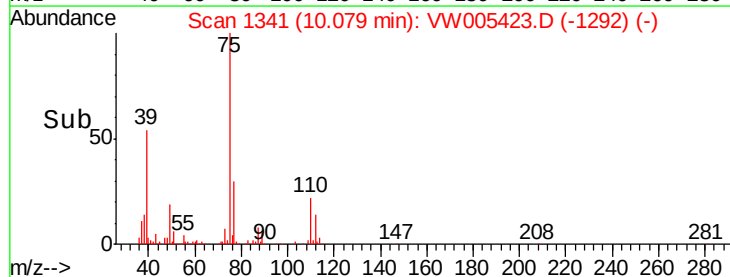
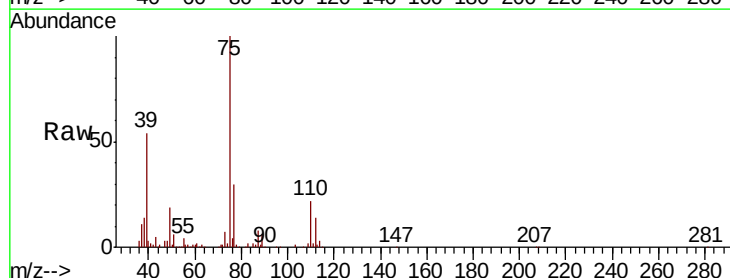
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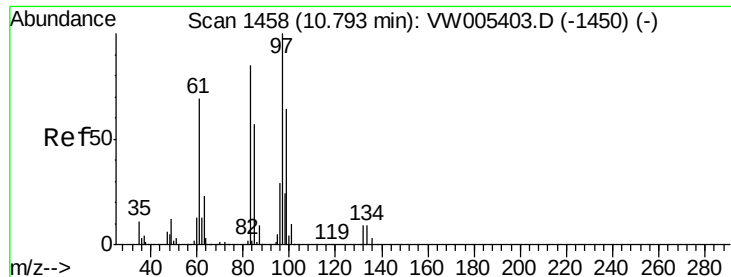
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#54
 cis-1,3-Dichloropropene
 Concen: 51.20 ug/l
 RT: 10.08 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: VW005423.D
 Acq: 17 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.3	25.0	37.4
39	54.0	44.2	66.2





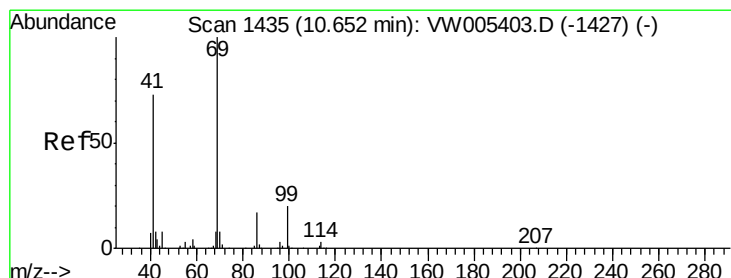
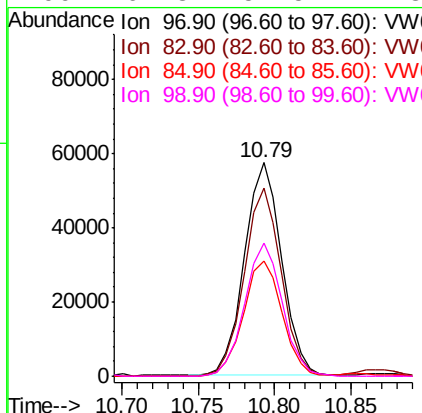
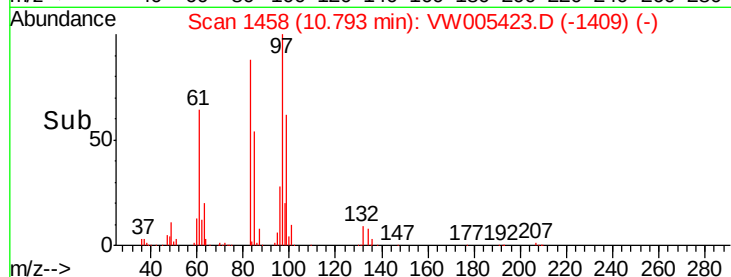
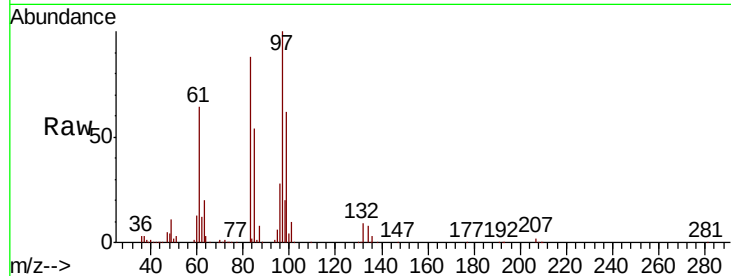
#55
 1,1,2-Trichloroethane
 Concen: 45.70 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW005423.D
 Acq: 17 Sep 2018 10:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	97531
Ion	Ratio	Lower	Upper
97	100		
83	88.1	67.8	101.8
85	54.1	45.4	68.0
99	62.3	51.5	77.3

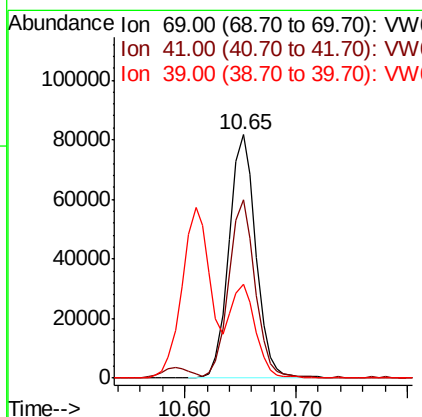
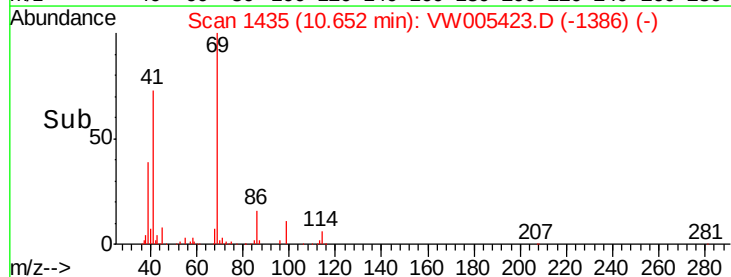
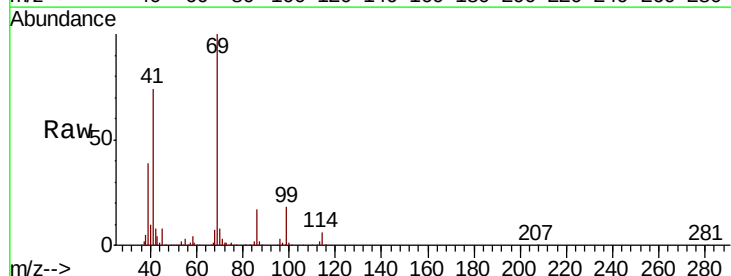
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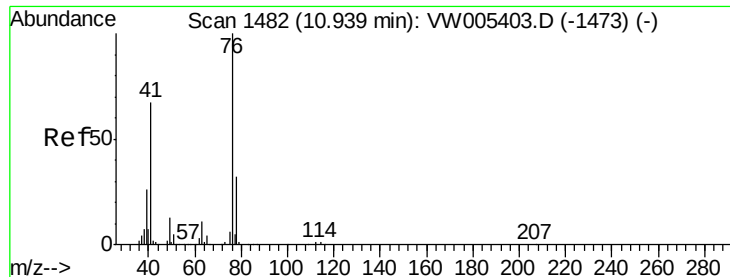
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#56
 Ethyl methacrylate
 Concen: 50.37 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW005423.D
 Acq: 17 Sep 2018 10:26

Tgt Ion:	69	Resp:	136056
Ion	Ratio	Lower	Upper
69	100		
41	72.1	59.3	88.9
39	35.8	30.2	45.4





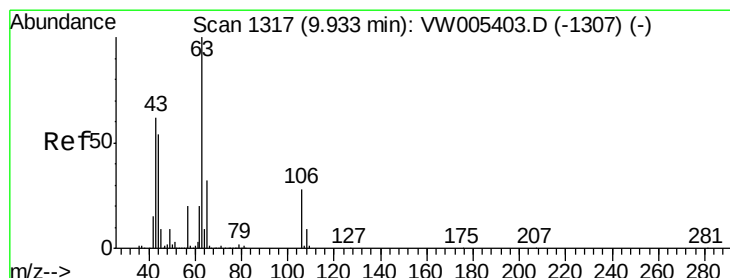
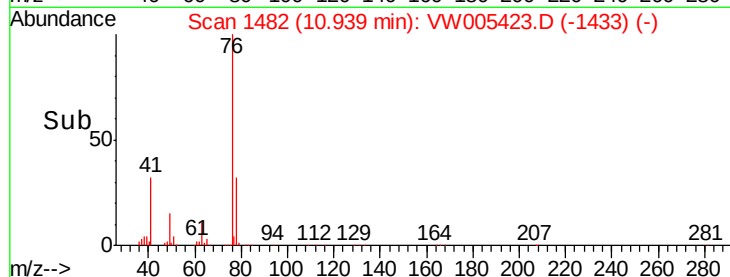
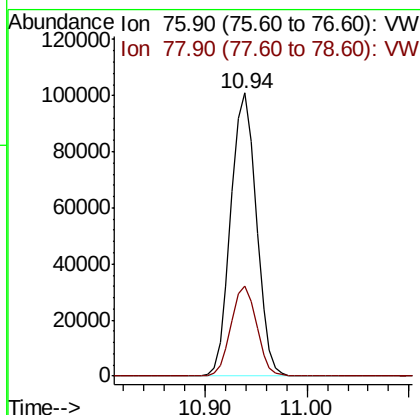
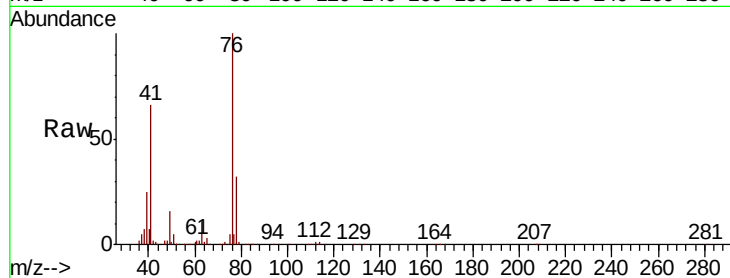
#57
 1,3-Dichloropropane
 Concen: 47.69 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: VW005423.D
 Acq: 17 Sep 2018 10:26

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.6	38.4

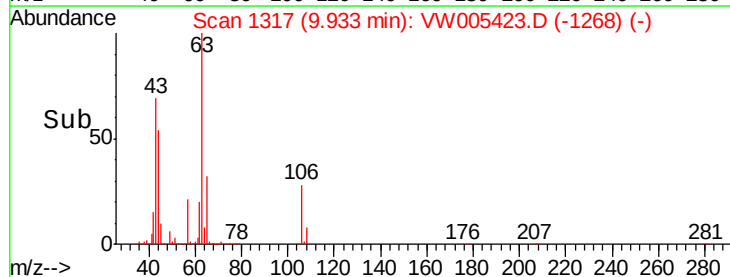
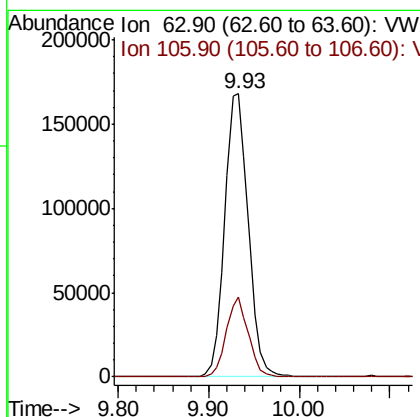
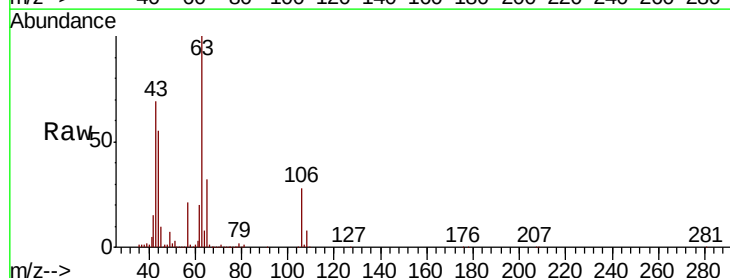
Manual Integrations
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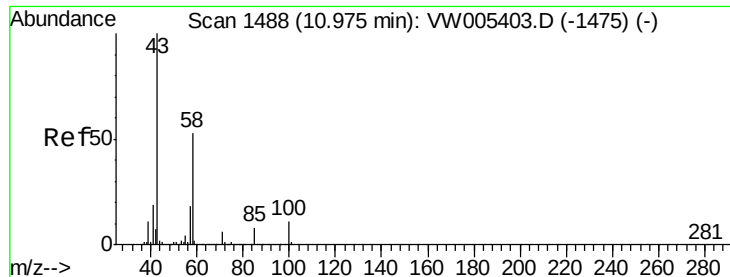
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 247.63 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VW005423.D
 Acq: 17 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.5	22.0	33.0





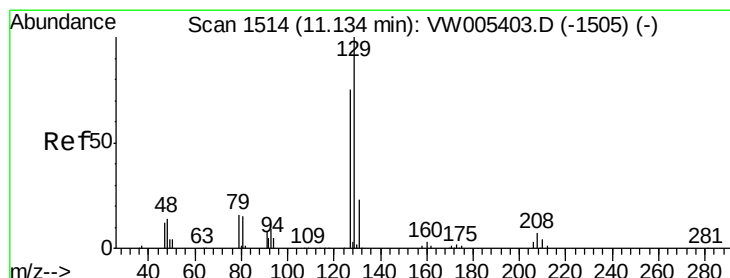
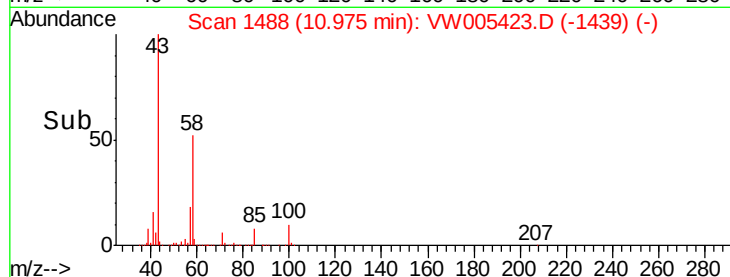
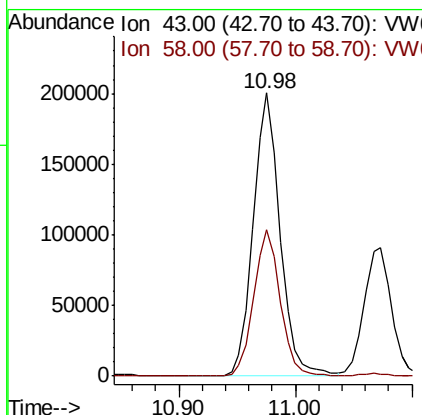
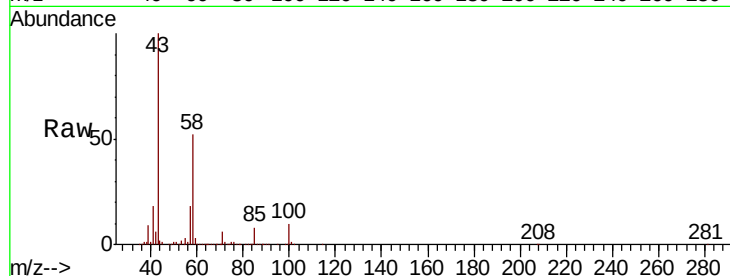
#59
2-Hexanone
Concen: 274.31 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW005423.D
Acq: 17 Sep 2018 10:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 321940
Ion Ratio Lower Upper
43 100
58 51.2 25.5 76.5

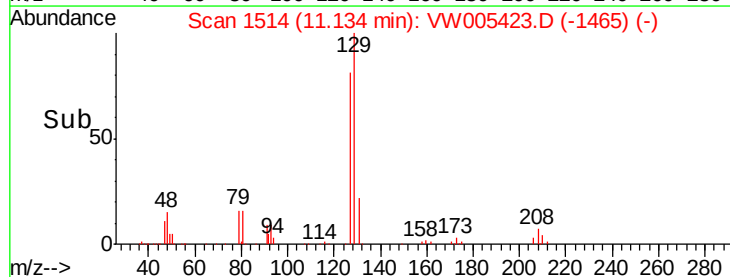
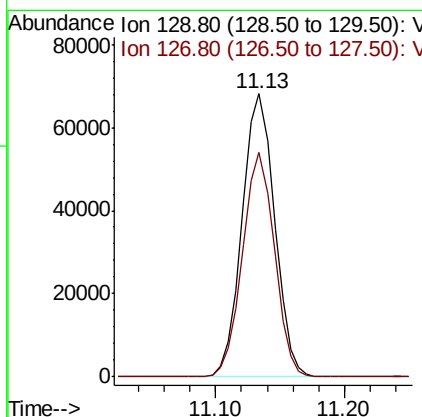
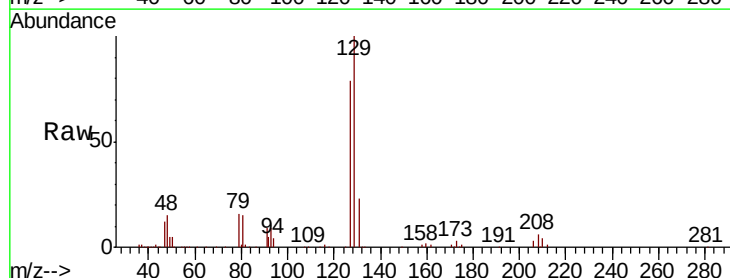
Manual Integrations
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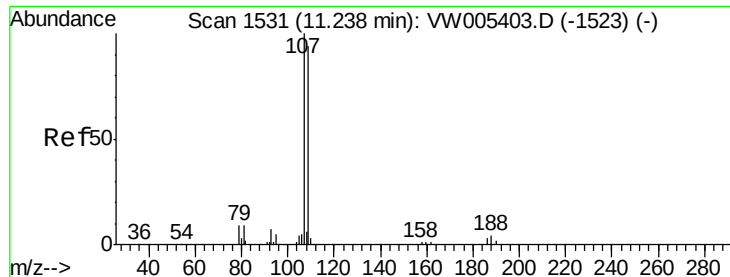
apatel
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#60
Dibromochloromethane
Concen: 46.25 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW005423.D
Acq: 17 Sep 2018 10:26

Tgt Ion: 129 Resp: 118745
Ion Ratio Lower Upper
129 100
127 78.0 38.5 115.3





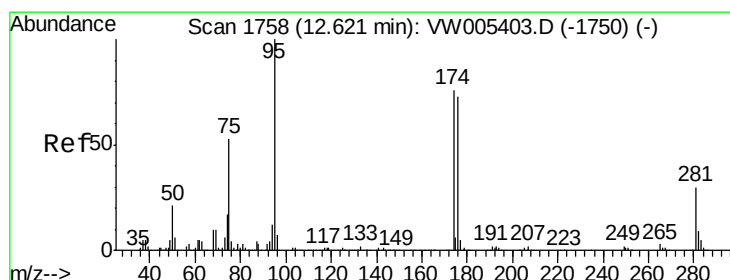
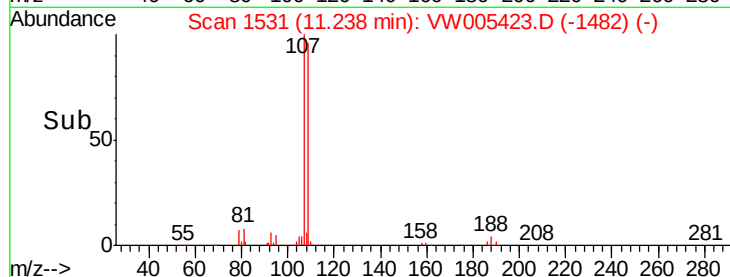
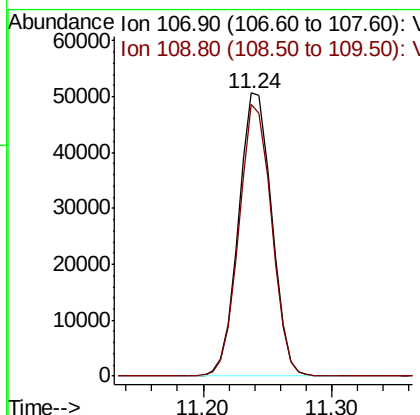
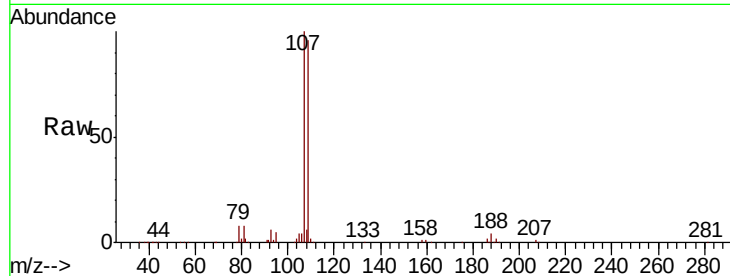
#61
 1,2-Dibromoethane
 Concen: 47.31 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW005423.D
 Acq: 17 Sep 2018 10:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.3	75.0	112.6

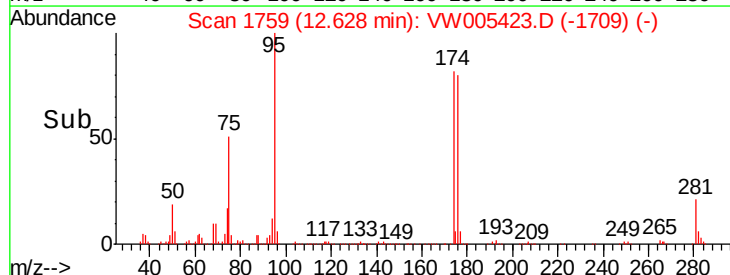
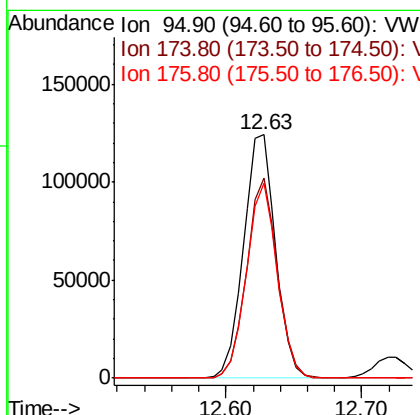
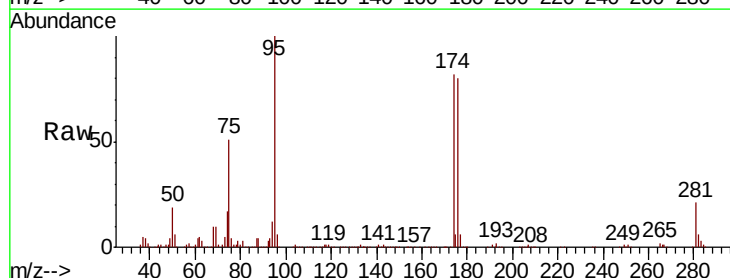
Manual Integrations
 APPROVED

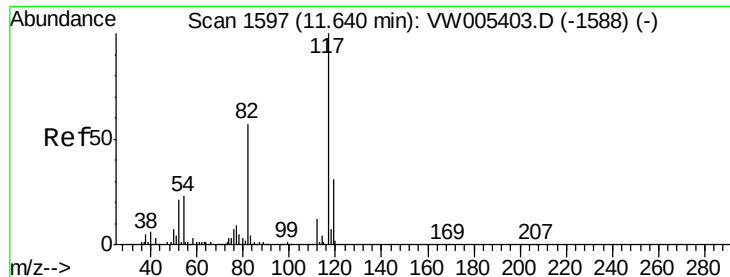
apatel
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#62
 4-Bromofluorobenzene
 Concen: 48.56 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. 0.01 min
 Lab File: VW005423.D
 Acq: 17 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.4	0.0	161.2
176	77.3	0.0	156.6





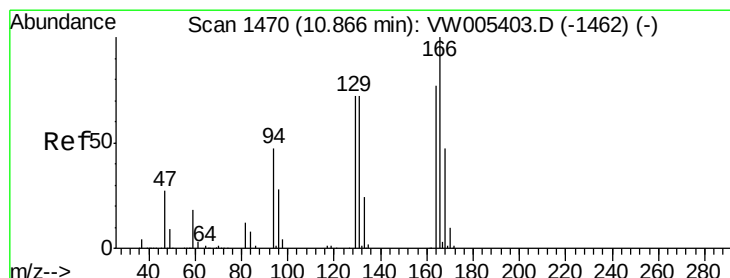
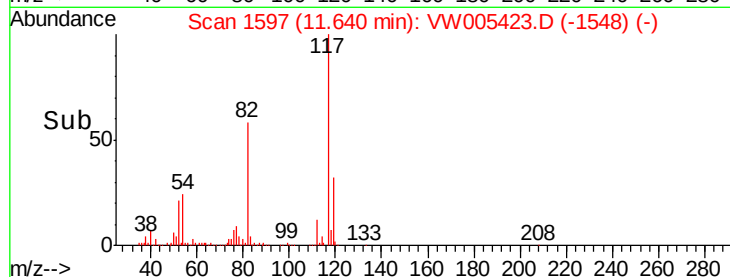
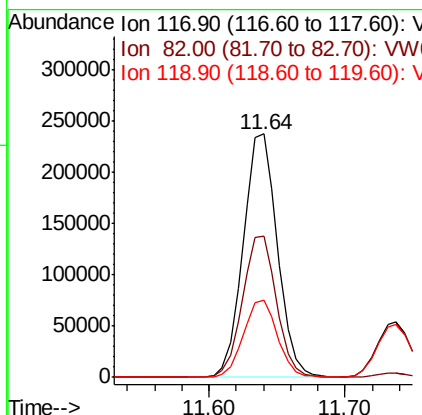
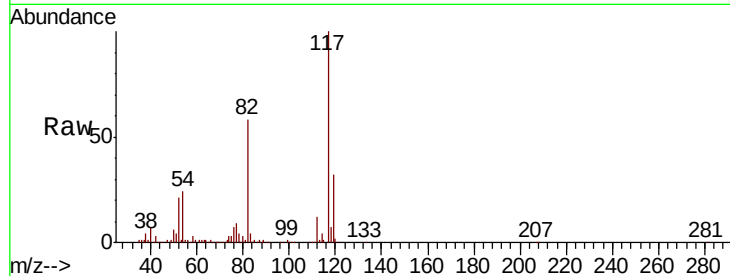
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005423.D
Acq: 17 Sep 2018 10:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	417357		
82	57.9		45.9	68.9
119	31.6		24.8	37.2

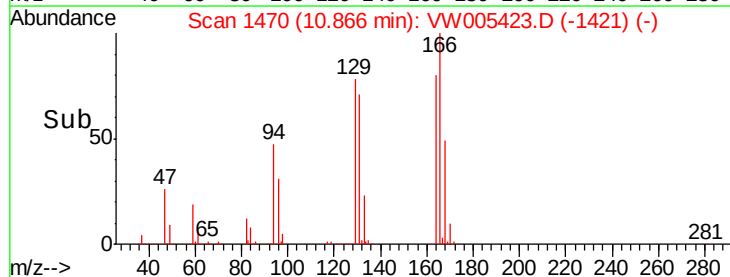
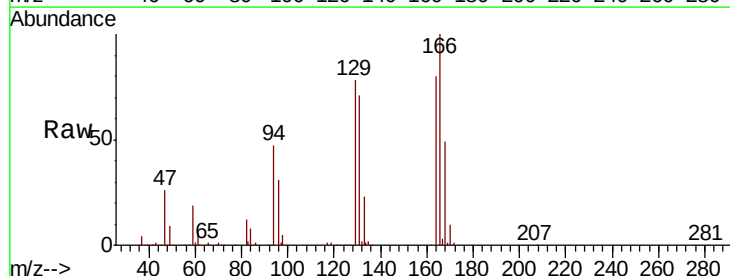
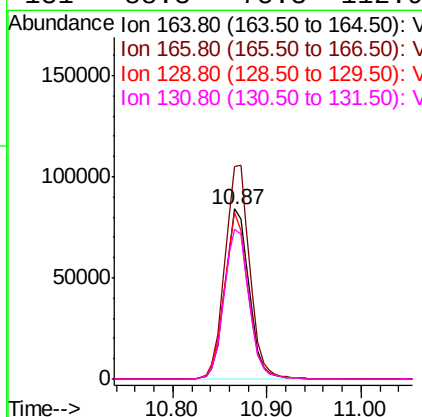
Manual Integrations
APPROVED

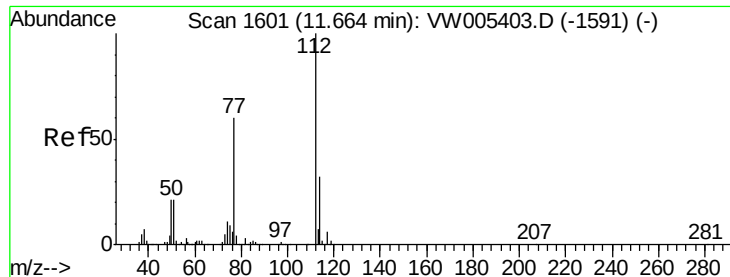
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#64
Tetrachloroethene
Concen: 48.37 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005423.D
Acq: 17 Sep 2018 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	149194		
166	124.9		104.0	156.0
129	97.9		74.9	112.3
131	88.3		75.3	112.9





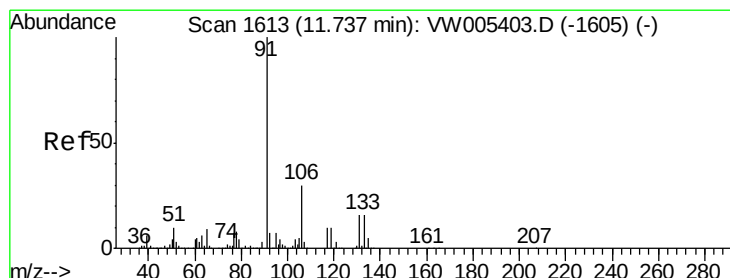
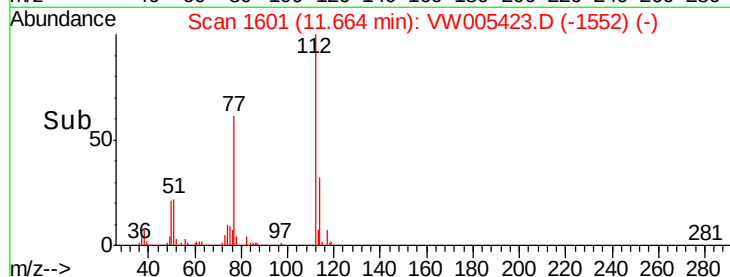
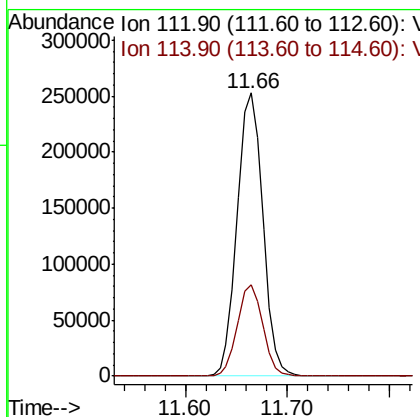
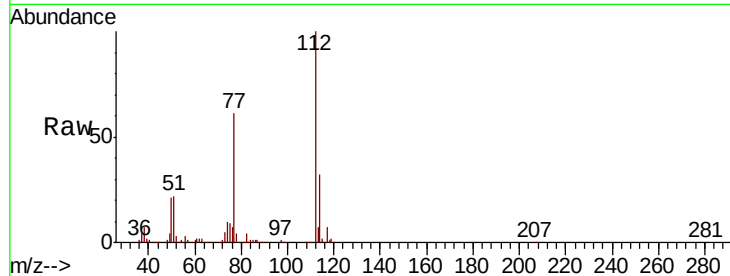
#65
Chlorobenzene
Concen: 49.79 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VW005423.D
Acq: 17 Sep 2018 10:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.3	37.9

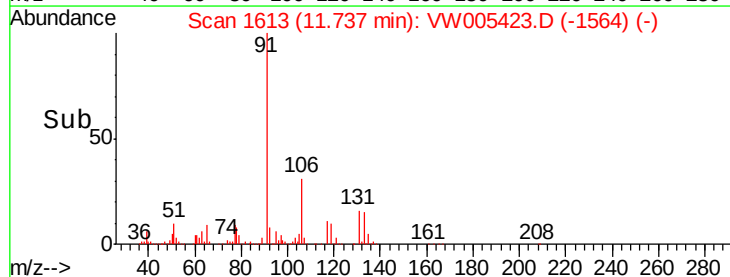
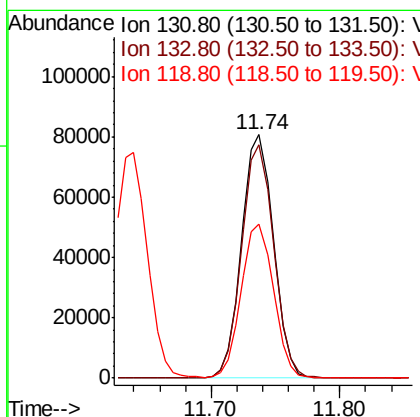
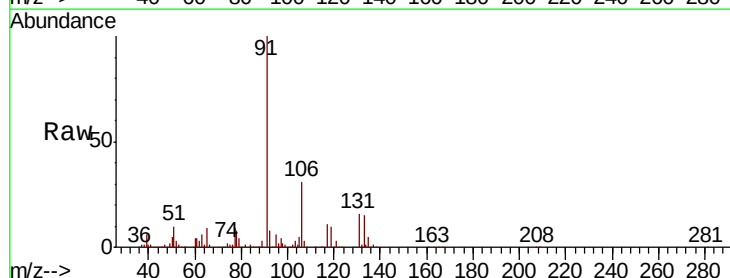
Manual Integrations
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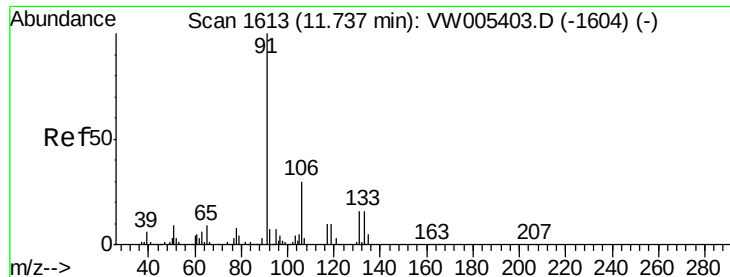
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.99 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005423.D
Acq: 17 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.0	47.3	141.9
119	64.3	31.1	93.5





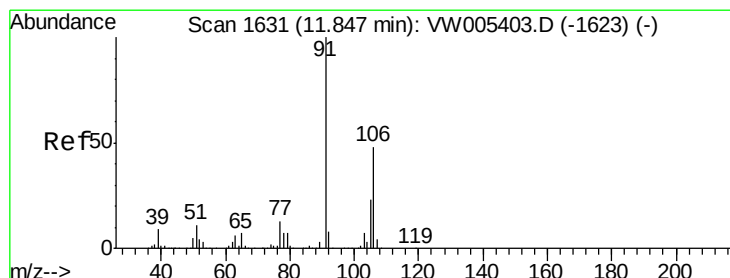
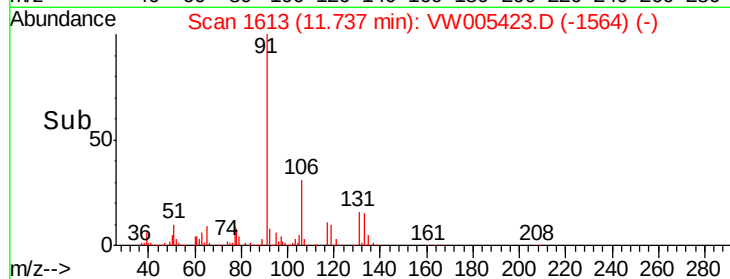
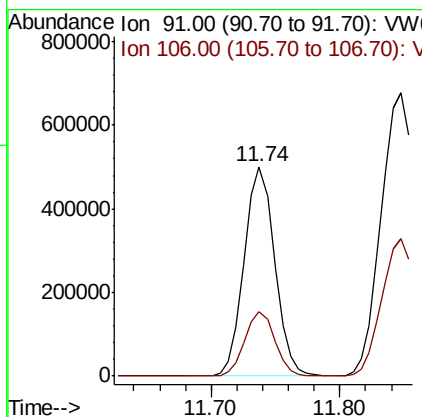
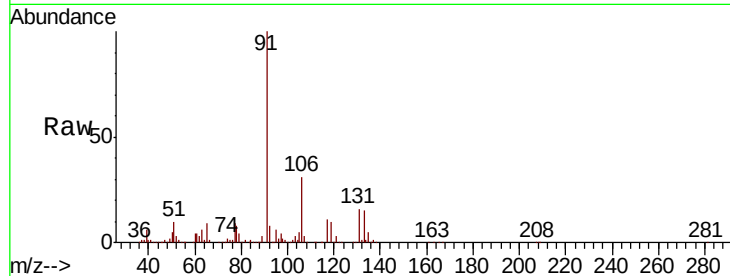
#67
Ethyl Benzene
Concen: 52.69 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005423.D
Acq: 17 Sep 2018 10:26

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.8	24.2	36.4

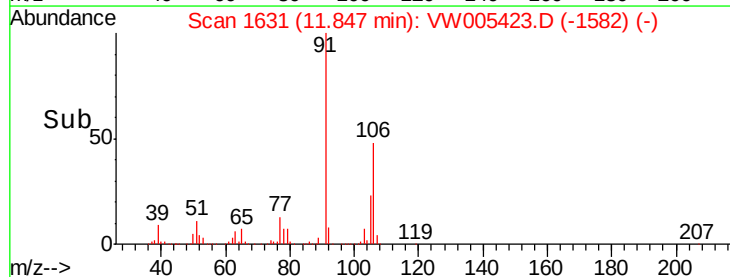
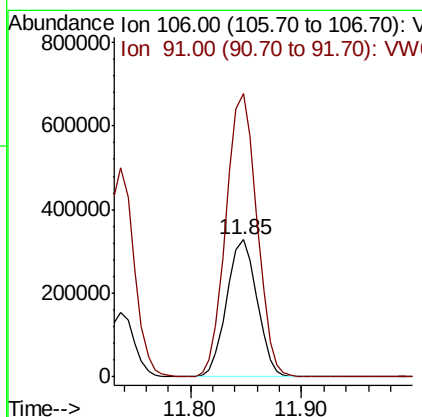
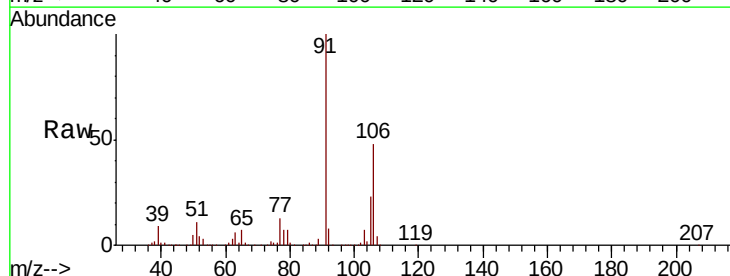
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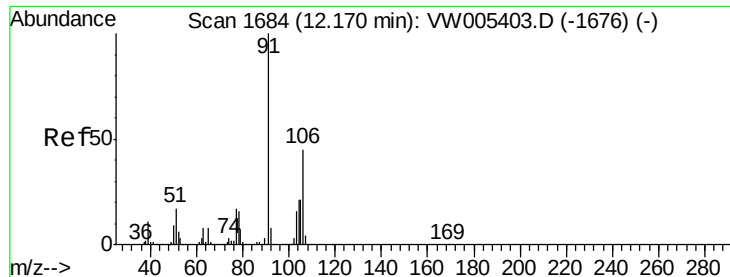
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#68
m/p-Xylenes
Concen: 104.57 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW005423.D
Acq: 17 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
106	100		
91	208.2	167.9	251.9





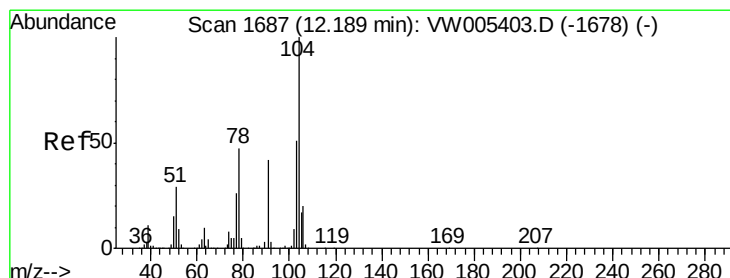
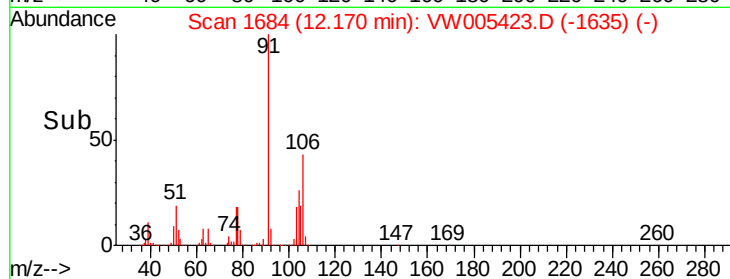
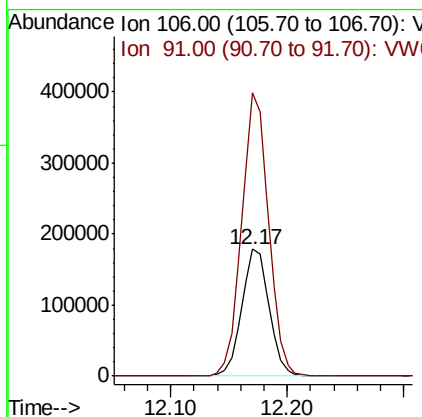
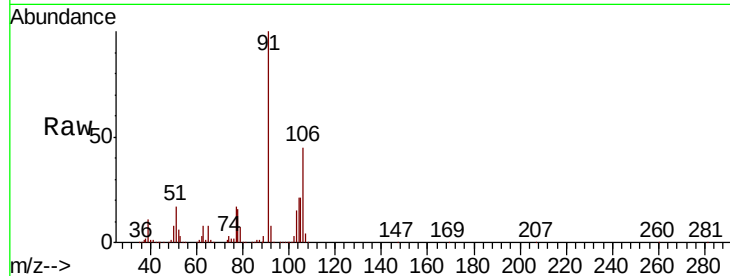
#69
o-Xylene
Concen: 52.52 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005423.D
Acq: 17 Sep 2018 10:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	219.7	110.6	331.6

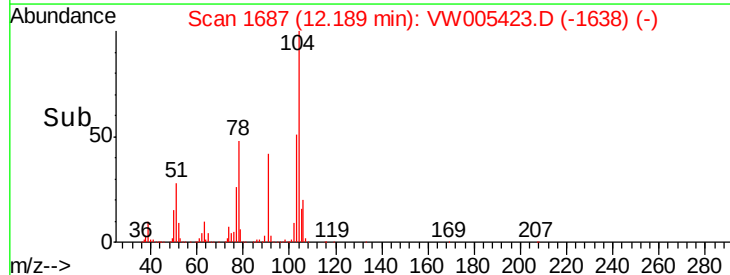
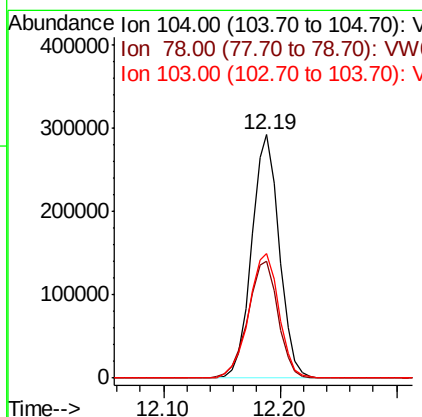
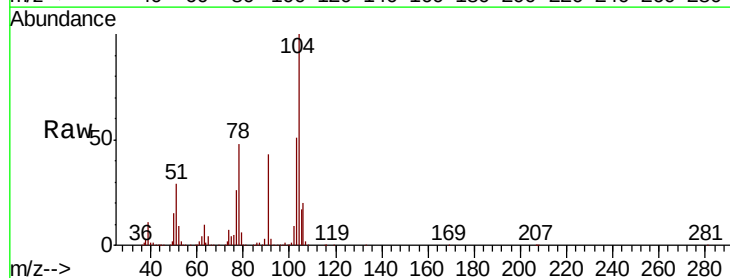
Manual Integrations
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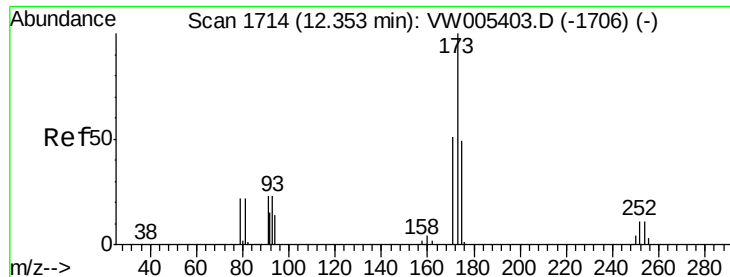
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#70
Styrene
Concen: 52.37 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW005423.D
Acq: 17 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.9	42.4	63.6
103	56.0	44.8	67.2





#71

Bromoform

Concen: 47.57 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW005423.D

Acq: 17 Sep 2018 10:26

Instrument :

MSVOA_W

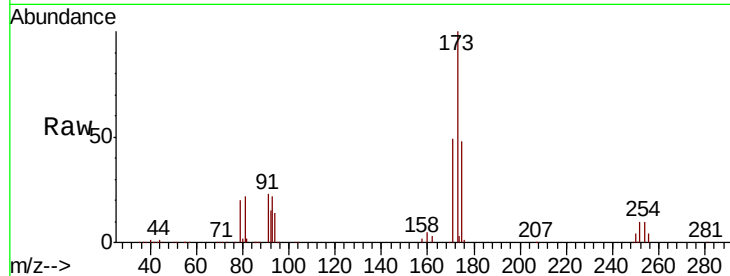
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.2	72.6
254	0.1	0.0	0.0

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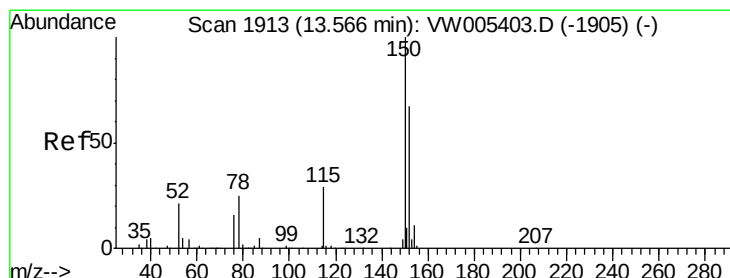
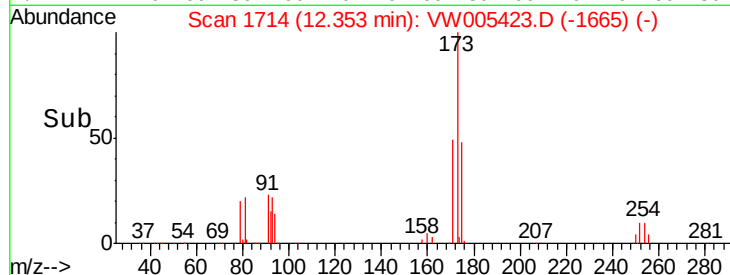
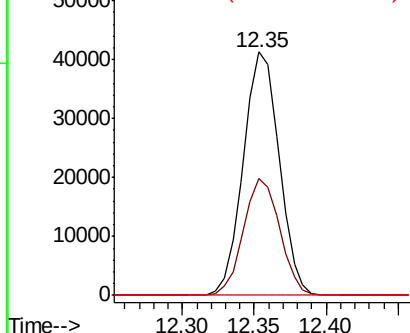


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

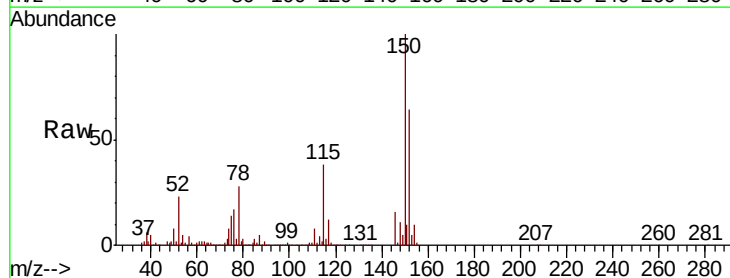
RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005423.D

Acq: 17 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.8	29.5	88.5
150	171.7	0.0	345.6

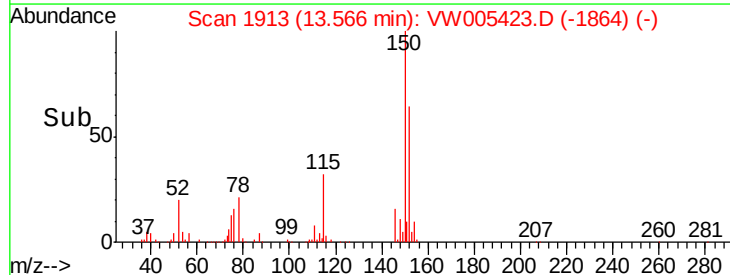
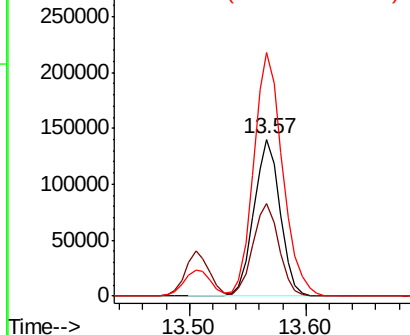


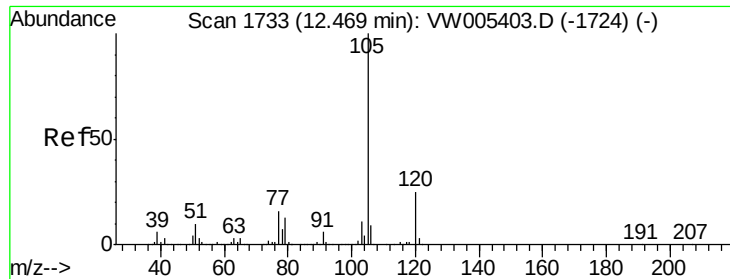
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.46 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005423.D

Acq: 17 Sep 2018 10:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 823273

Ion Ratio Lower Upper

105 100

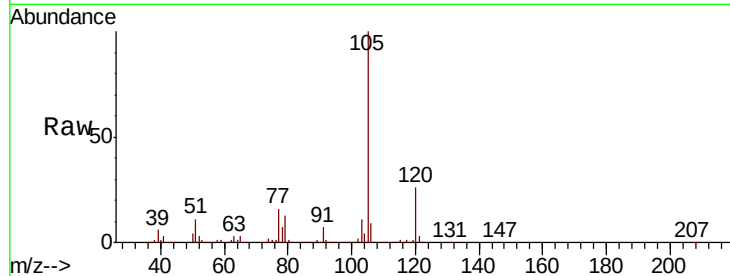
120 25.9 12.9 38.6

Manual Integrations

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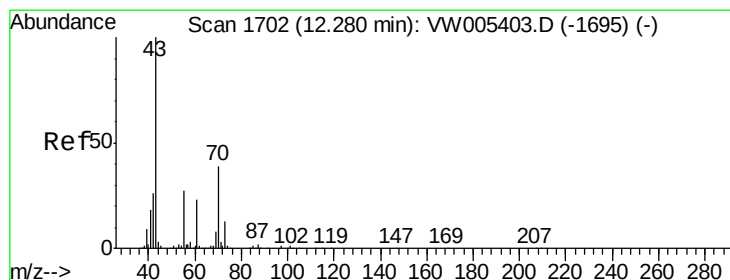
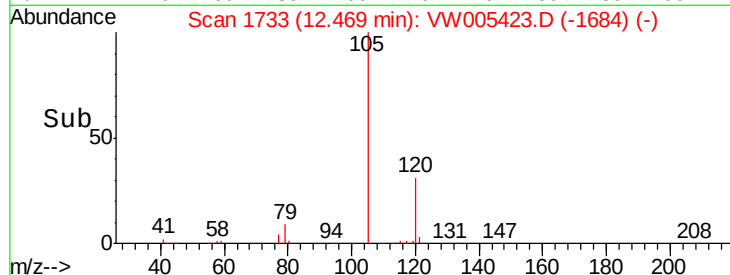
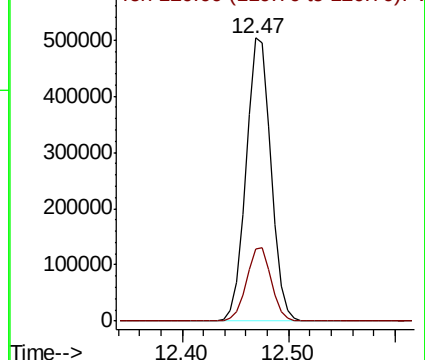
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.58 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW005423.D

Acq: 17 Sep 2018 10:26

Tgt Ion: 43 Resp: 167381

Ion Ratio Lower Upper

43 100

70 40.2 31.9 47.9

55 26.1 21.4 32.0

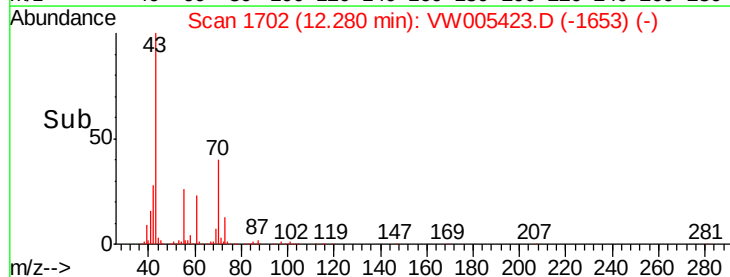
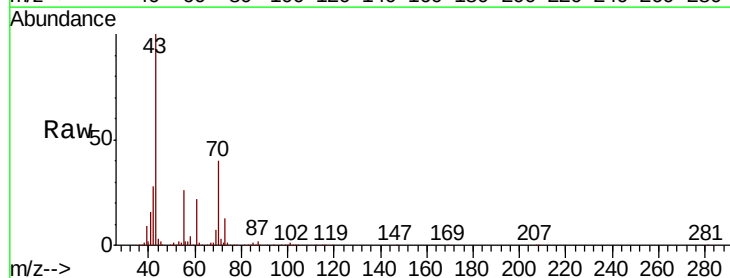
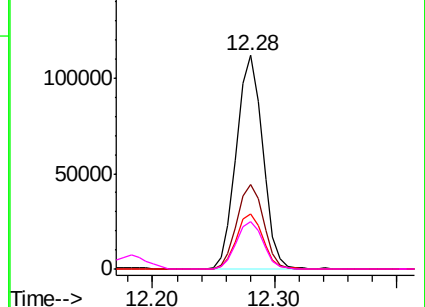
61 22.6 18.3 27.5

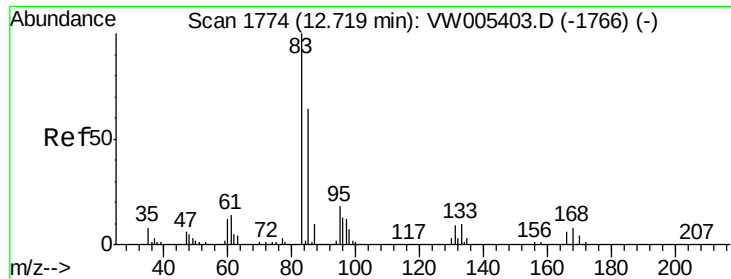
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 48.73 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005423.D

Acq: 17 Sep 2018 10:26

Instrument :

MSVOA_W

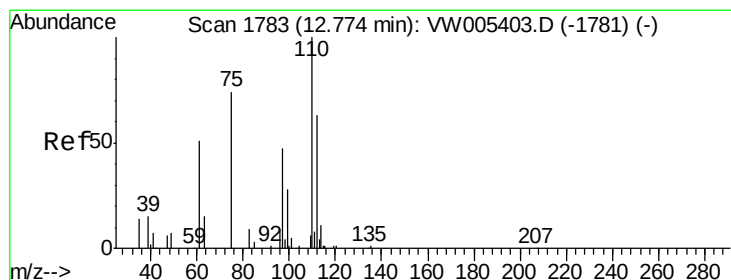
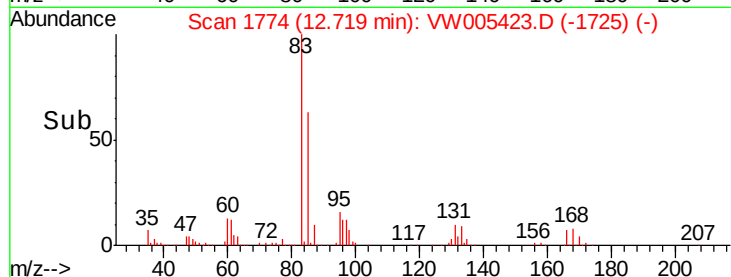
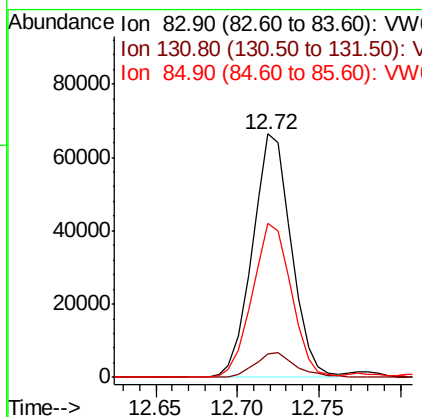
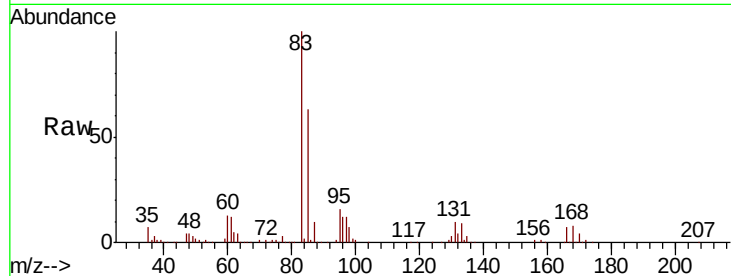
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	109480
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.7	17.1
85	63.9	31.6	95.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 42.39 ug/l m

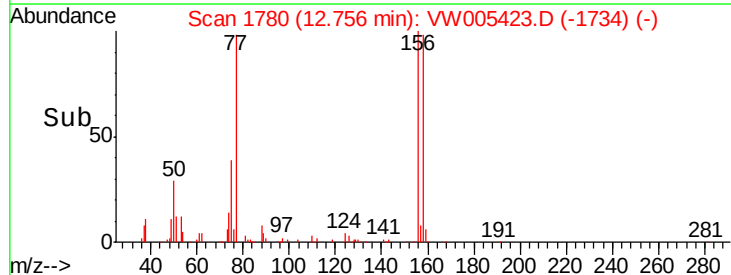
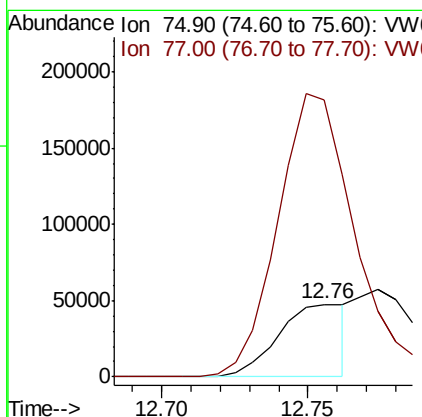
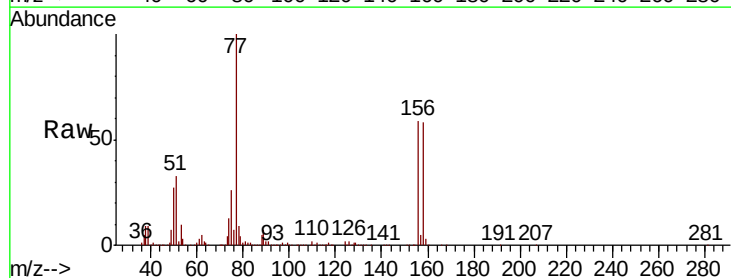
RT: 12.76 min Scan# 1780

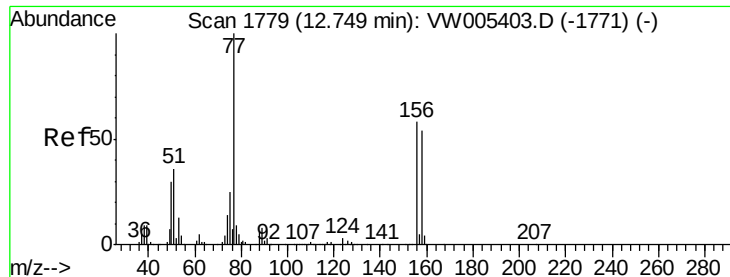
Delta R.T. -0.02 min

Lab File: VW005423.D

Acq: 17 Sep 2018 10:26

Tgt Ion:	75	Resp:	76530
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





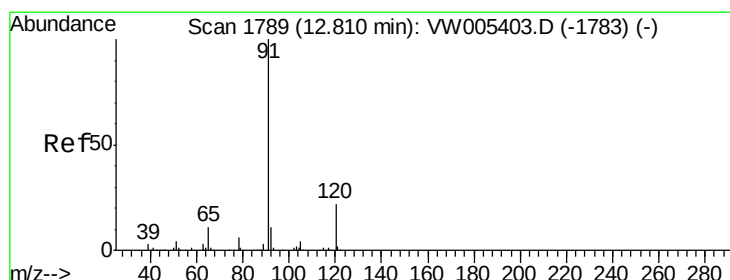
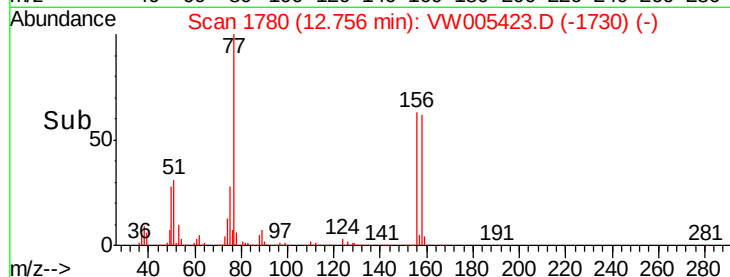
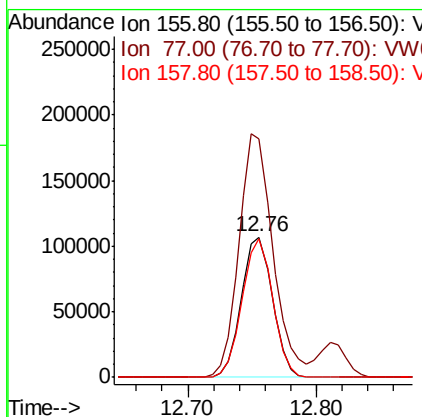
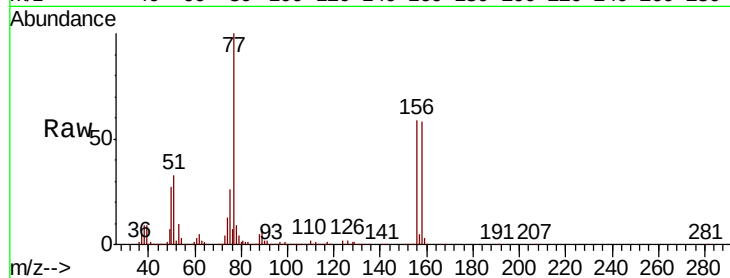
#77
Bromobenzene
Concen: 49.14 ug/l
RT: 12.76 min Scan# 1780
Delta R.T. 0.01 min
Lab File: VW005423.D
Acq: 17 Sep 2018 10:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	189.4	92.8	278.3
158	96.8	48.2	144.6

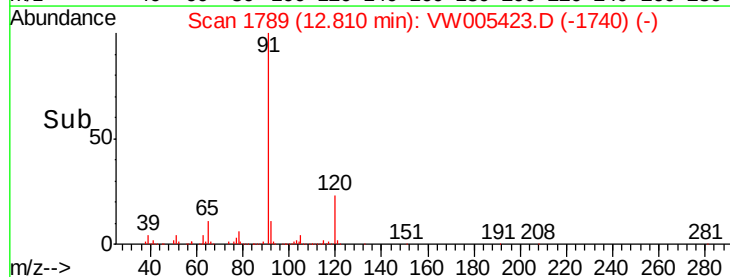
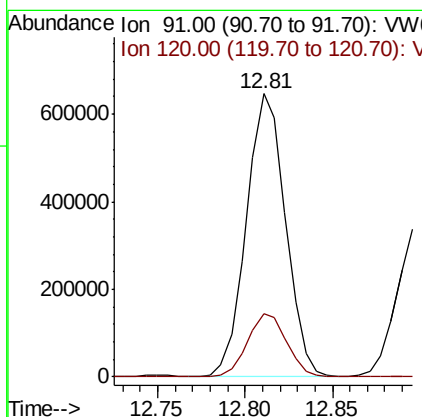
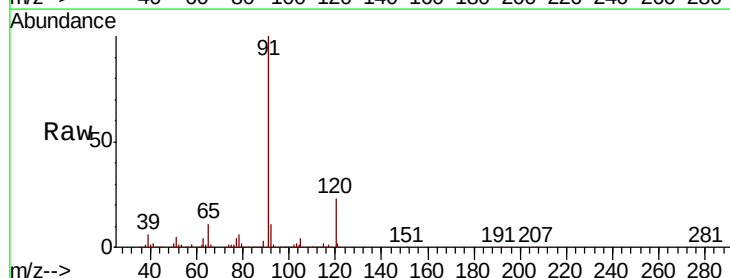
Manual Integrations
APPROVED

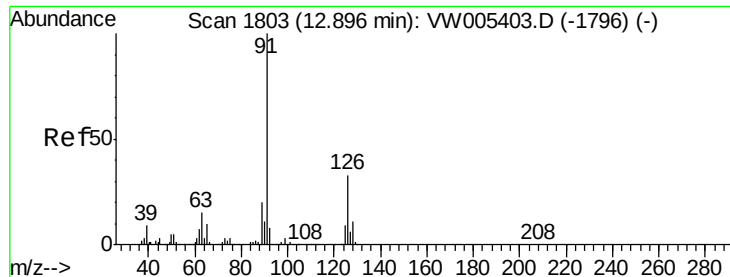
apatel
9/18/2018 12:52:03 PM



#78
n-propylbenzene
Concen: 53.97 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW005423.D
Acq: 17 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.3	33.8





#79

2-Chlorotoluene

Concen: 51.84 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VW005423.D

Acq: 17 Sep 2018 10:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 568353

Ion Ratio Lower Upper

91 100

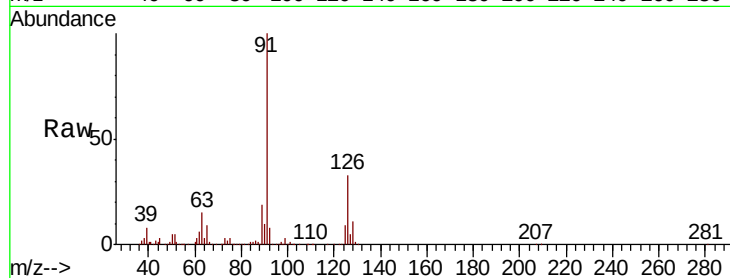
126 32.5 16.4 49.1

Manual Integrations

APPROVED

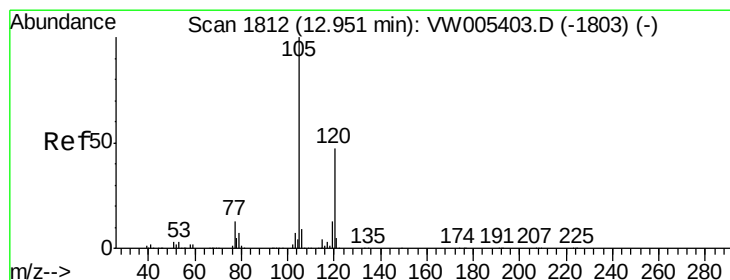
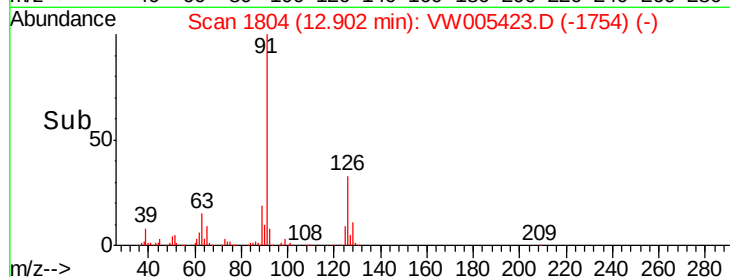
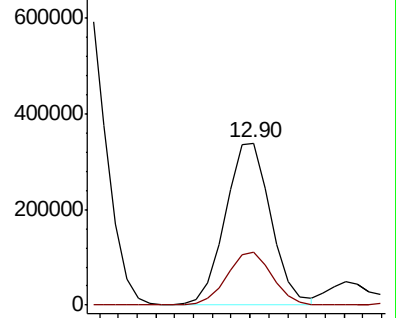
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.52 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW005423.D

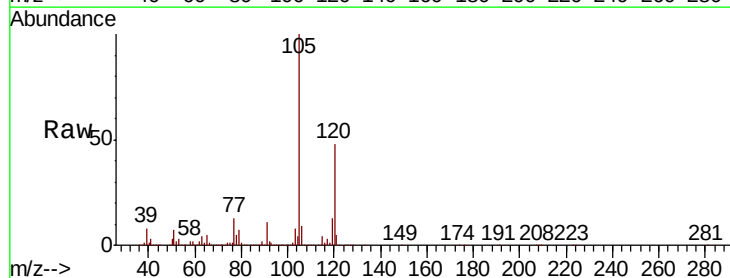
Acq: 17 Sep 2018 10:26

Tgt Ion: 105 Resp: 705704

Ion Ratio Lower Upper

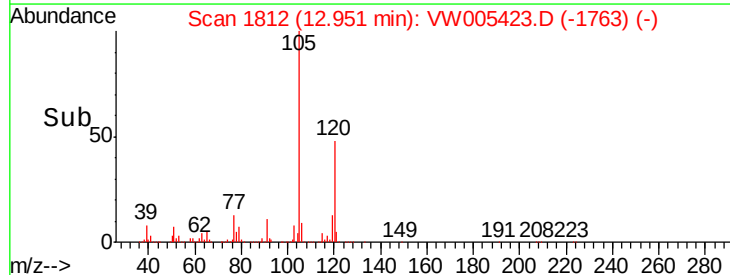
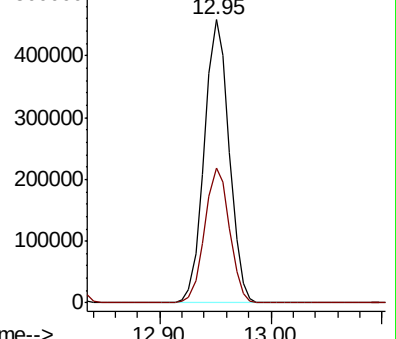
105 100

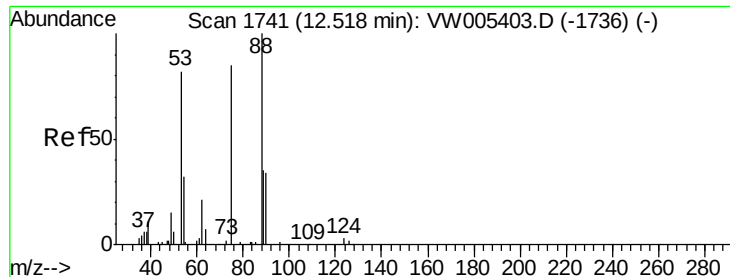
120 47.9 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





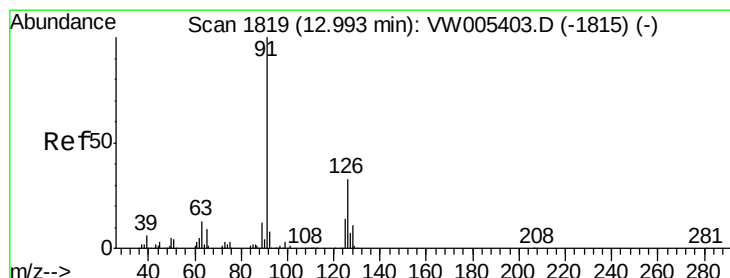
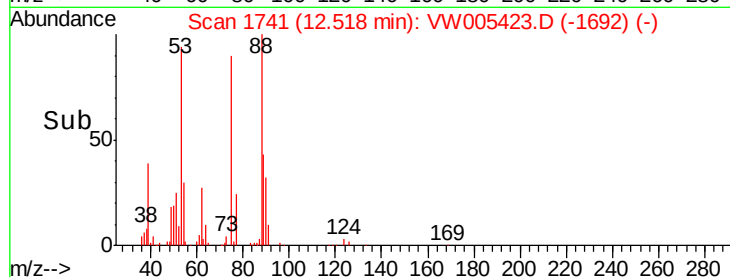
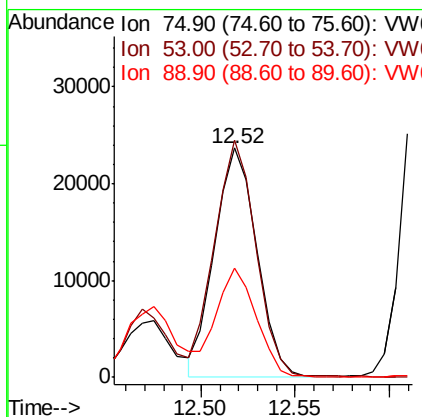
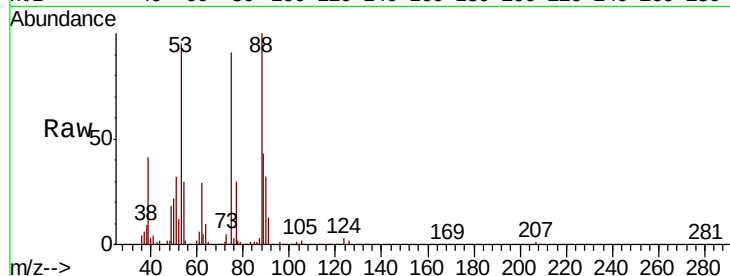
#81
trans-1,4-Dichloro-2-butene
Concen: 52.44 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW005423.D
Acq: 17 Sep 2018 10:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.4	83.2	124.8
89	44.4	36.6	54.8

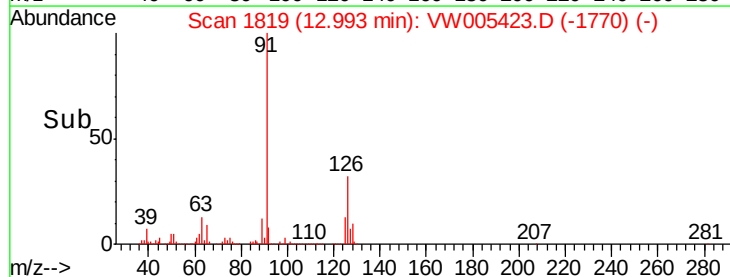
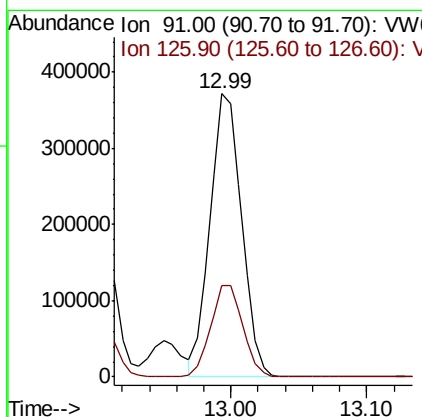
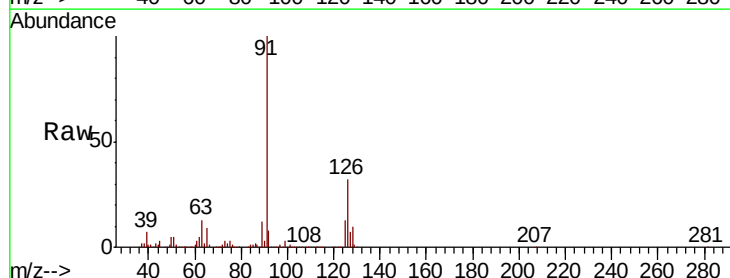
Manual Integrations
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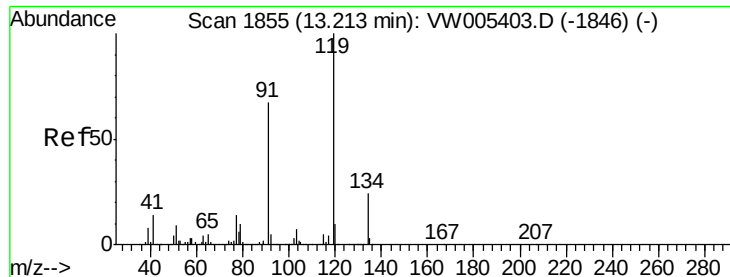
apatel
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#82
4-Chlorotoluene
Concen: 51.64 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW005423.D
Acq: 17 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.4	49.1





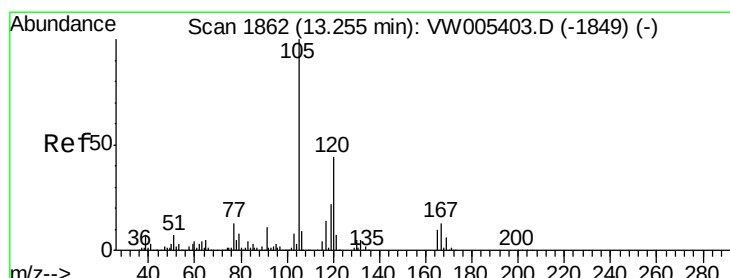
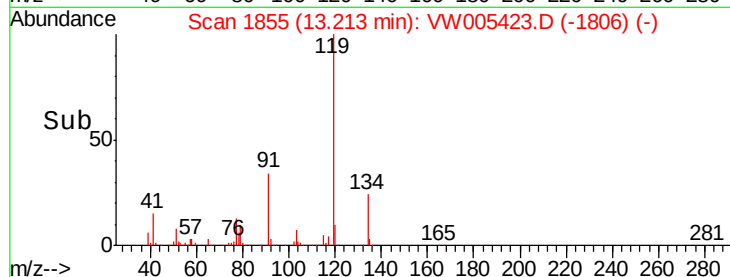
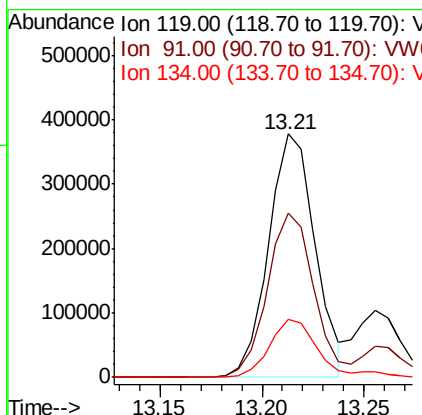
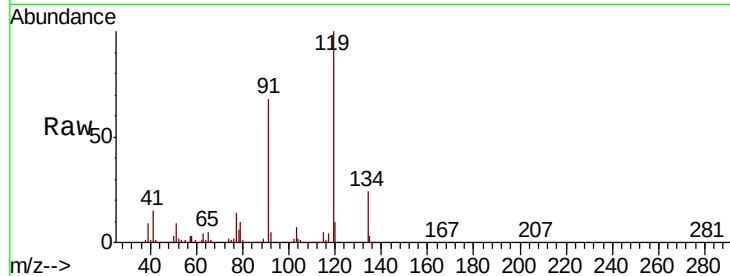
#83
 tert-Butylbenzene
 Concen: 53.85 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW005423.D
 Acq: 17 Sep 2018 10:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.0	34.4	103.2
134	25.4	12.7	38.0

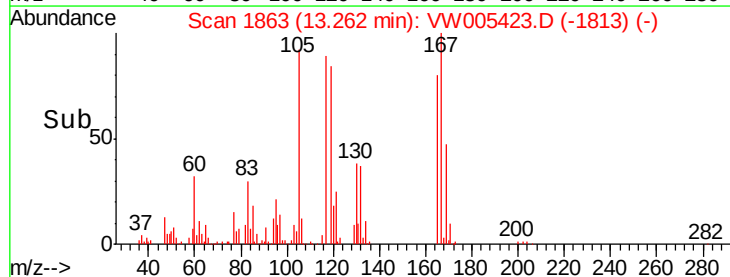
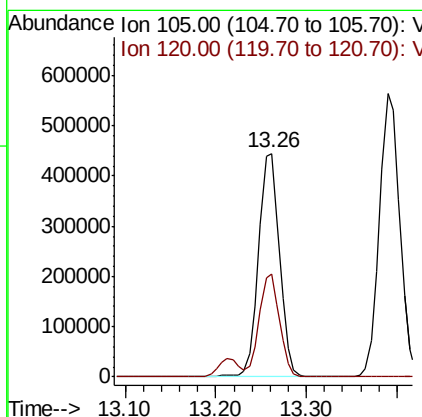
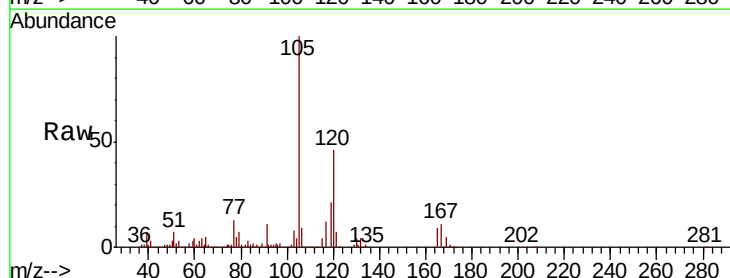
Manual Integrations
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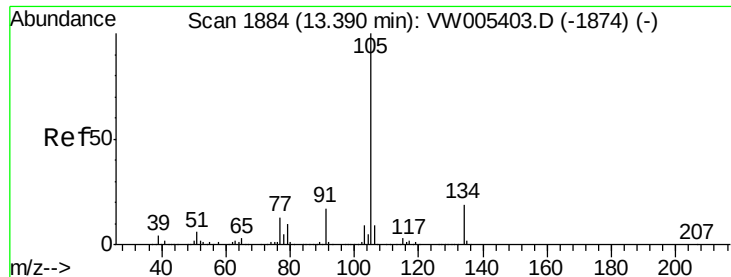
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.25 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. 0.01 min
 Lab File: VW005423.D
 Acq: 17 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	21.8	65.3





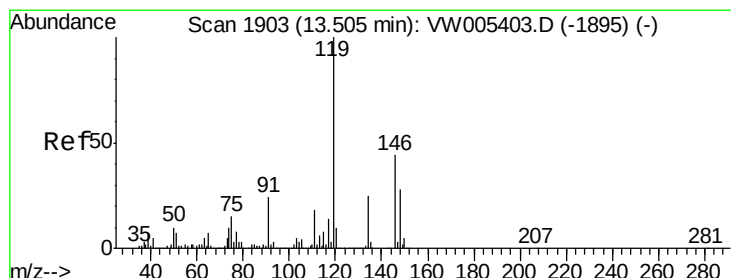
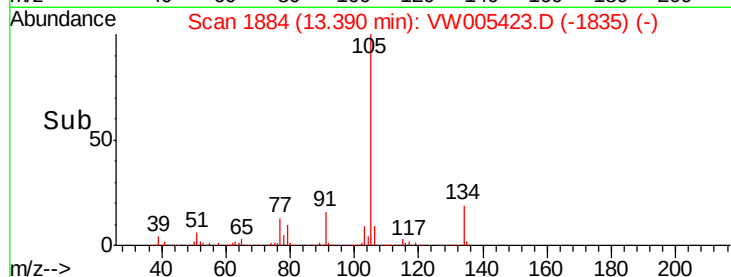
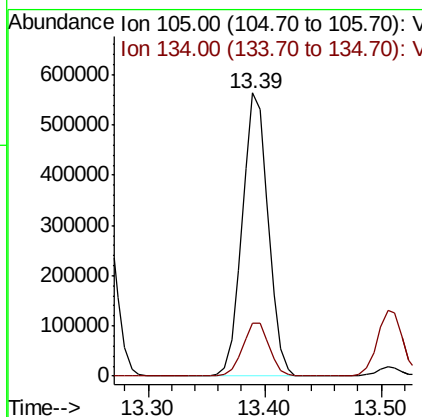
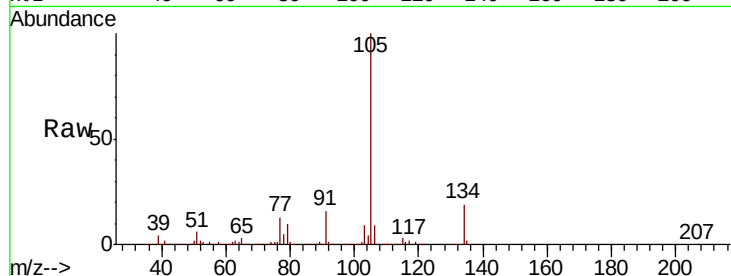
#85
 sec-Butylbenzene
 Concen: 54.37 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW005423.D
 Acq: 17 Sep 2018 10:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
105	100	876856		
134	19.4	9.8	29.5	

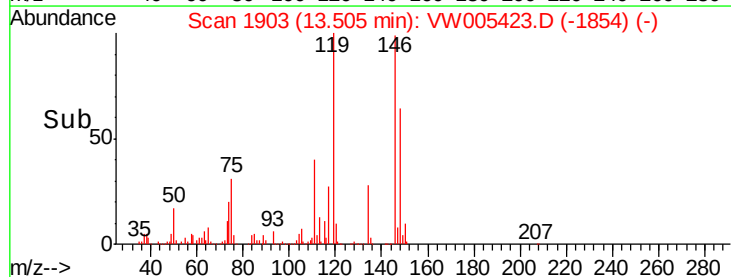
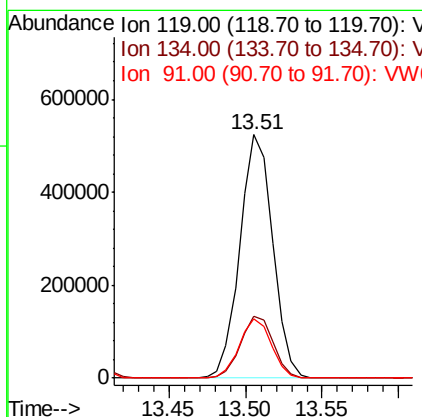
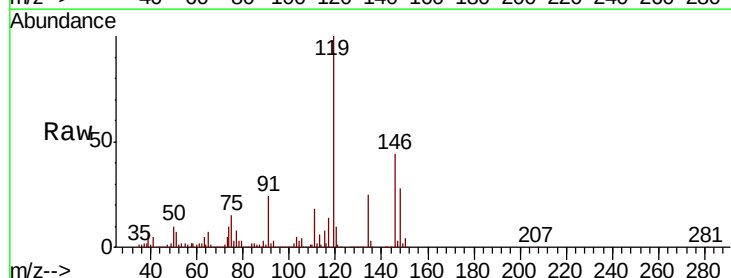
Manual Integrations
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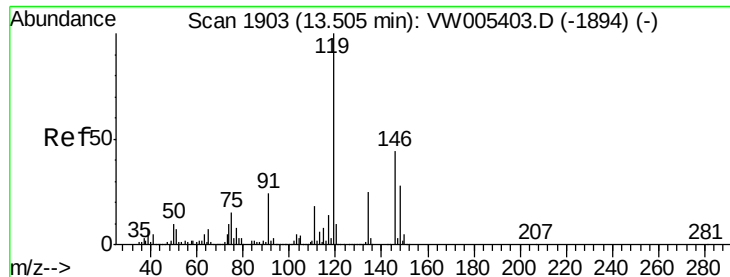
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#86
 p-Isopropyltoluene
 Concen: 54.01 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005423.D
 Acq: 17 Sep 2018 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	778953		
134	25.5	12.6	37.8	
91	24.1	12.0	36.0	





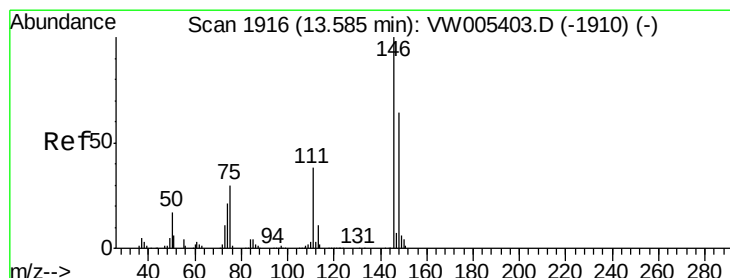
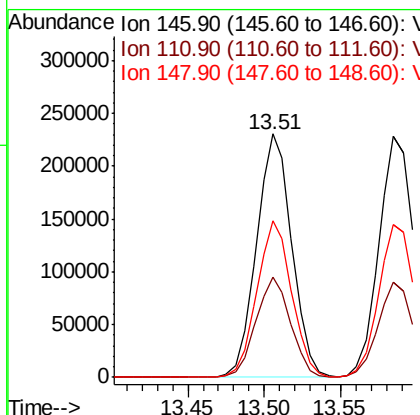
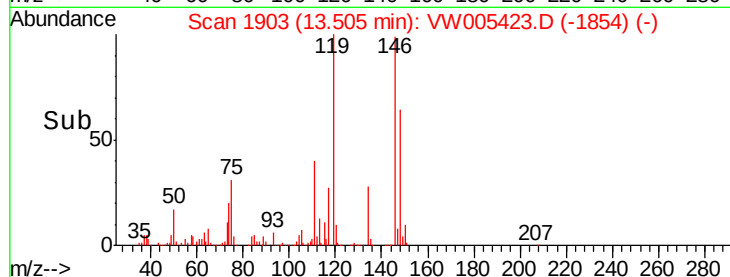
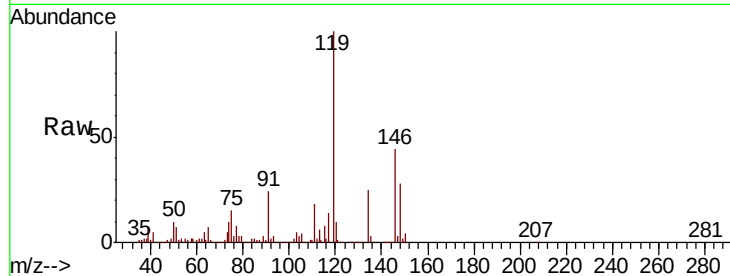
#87
 1,3-Dichlorobenzene
 Concen: 50.05 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005423.D
 Acq: 17 Sep 2018 10:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	369565		
111	40.3	20.4	61.2	
148	63.6	32.0	96.0	

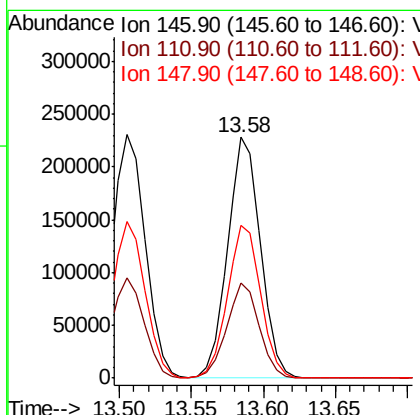
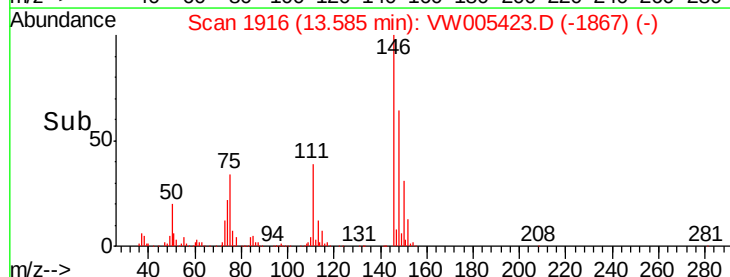
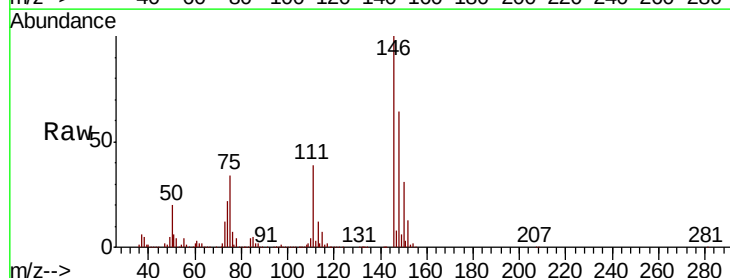
Manual Integrations
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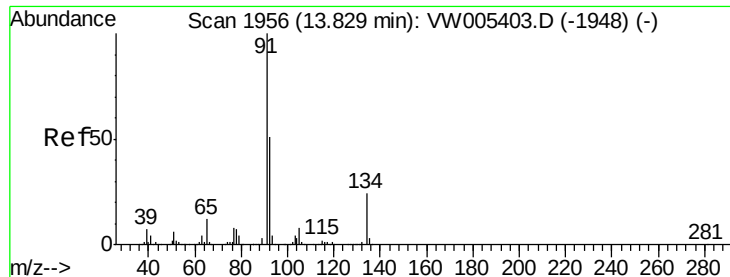
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 50.07 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW005423.D
 Acq: 17 Sep 2018 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	364056		
111	39.0	19.6	58.8	
148	63.9	31.8	95.4	





#89

n-Butylbenzene

Concen: 56.12 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005423.D

Acq: 17 Sep 2018 10:26

Instrument :

MSVOA_W

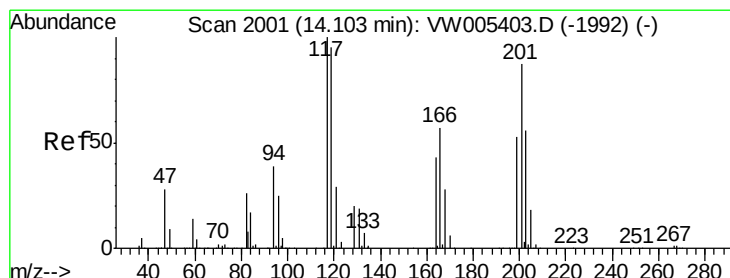
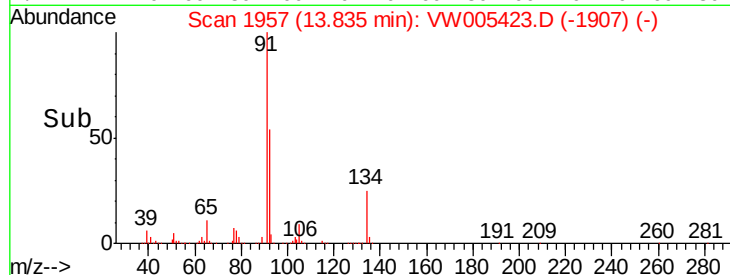
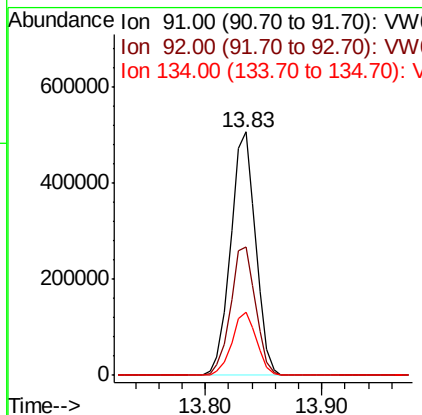
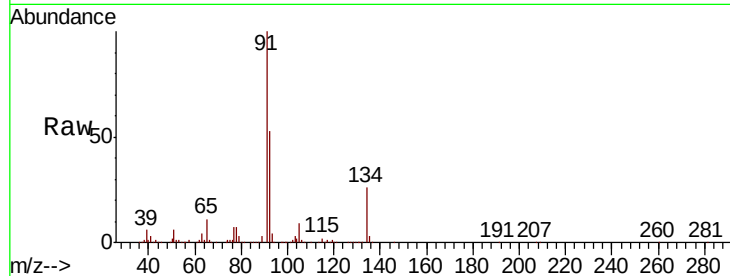
ClientSampleId :

VSTDCCC050

Tot Ion:	91	Resp:	753605
Ion Ratio	Lower	Upper	
91	100		
92	52.9	26.2	78.6
134	25.5	12.7	38.1

Manual Integrations
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#90

Hexachloroethane

Concen: 50.99 ug/l

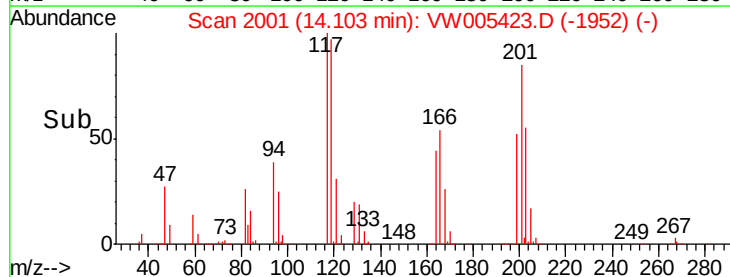
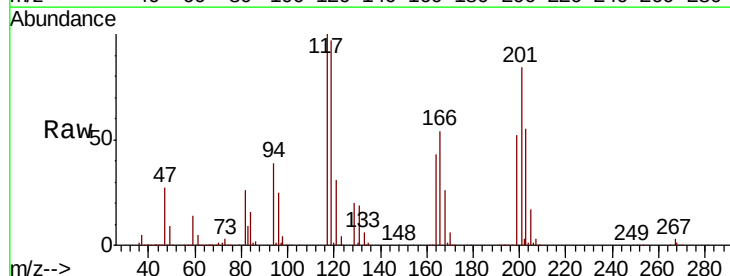
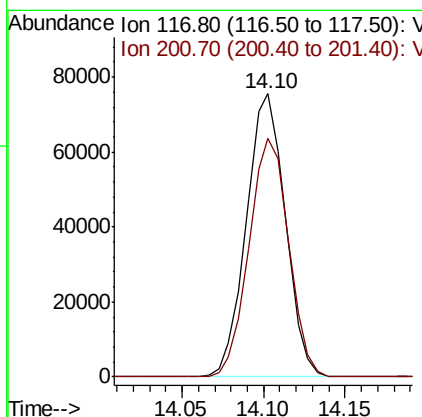
RT: 14.10 min Scan# 2001

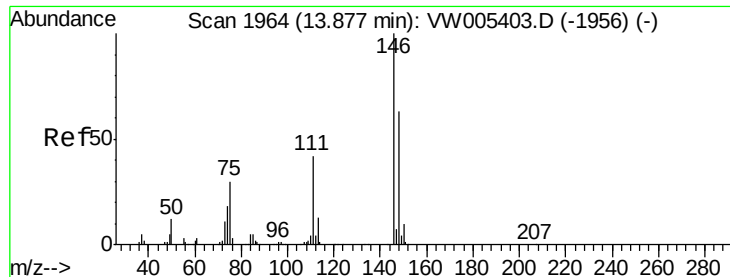
Delta R.T. 0.00 min

Lab File: VW005423.D

Acq: 17 Sep 2018 10:26

Tgt Ion:	117	Resp:	125996
Ion Ratio	Lower	Upper	
117	100		
201	85.5	42.5	127.5





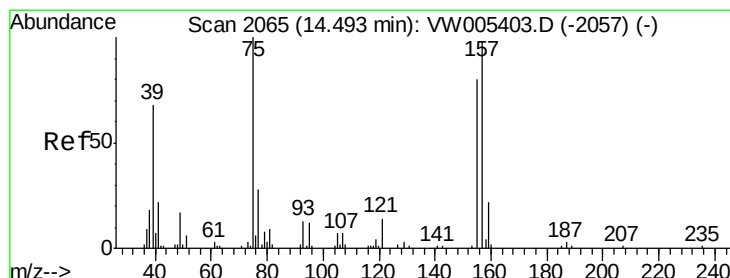
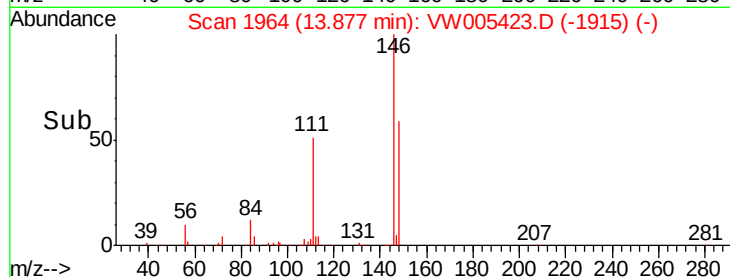
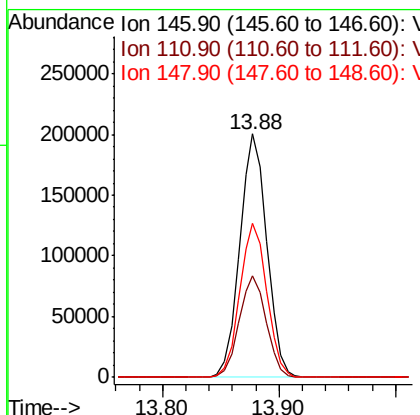
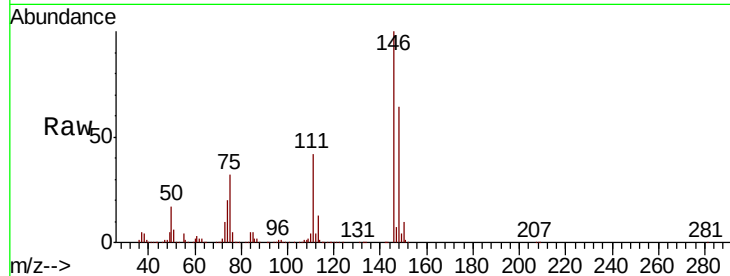
#91
 1,2-Dichlorobenzene
 Concen: 50.24 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005423.D
 Acq: 17 Sep 2018 10:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.0	63.0
148	63.6	31.9	95.9

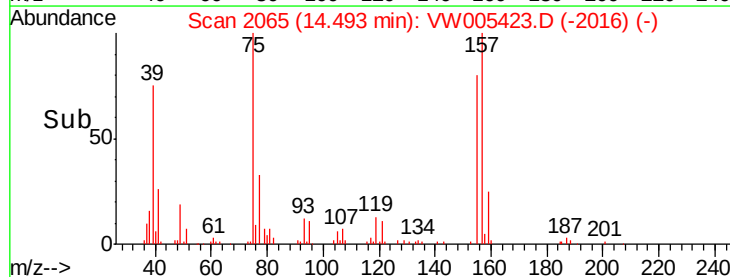
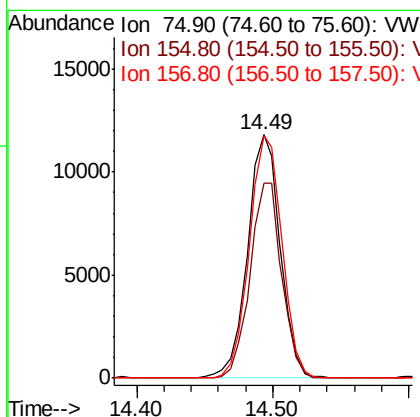
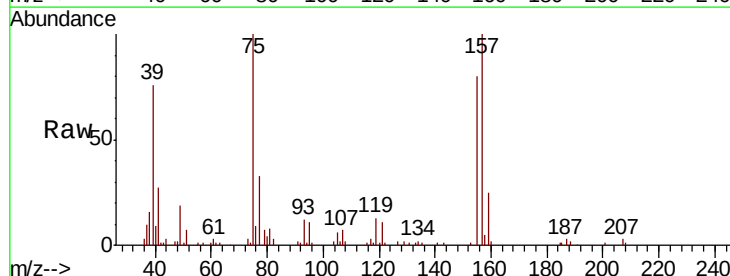
Manual Integrations
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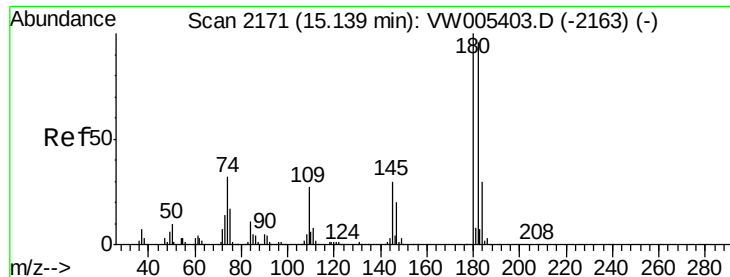
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.83 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW005423.D
 Acq: 17 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.1	39.0	117.0
157	99.9	49.9	149.6





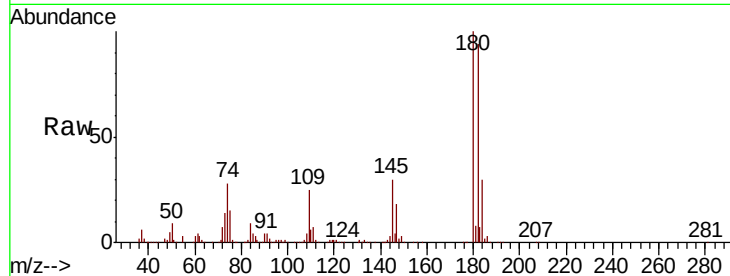
#93
 1,2,4-Trichlorobenzene
 Concen: 53.34 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW005423.D
 Acq: 17 Sep 2018 10:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

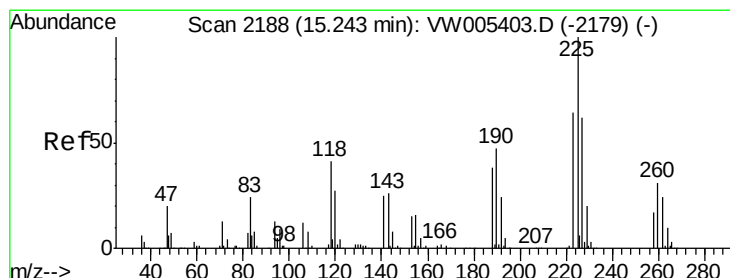
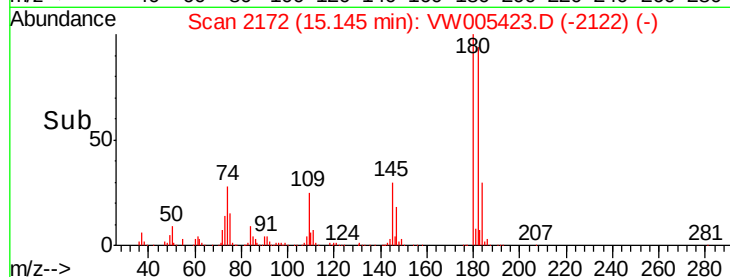
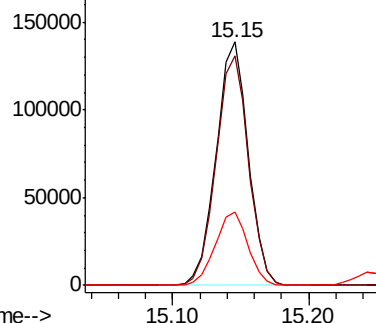
Tot Ion:	180	Resp:	229640
Ion Ratio	Lower	Upper	
180	100		
182	95.0	47.3	141.9
145	30.6	14.8	44.3

Manual Integrations
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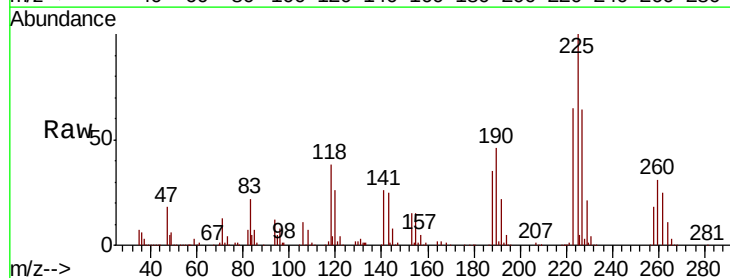


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

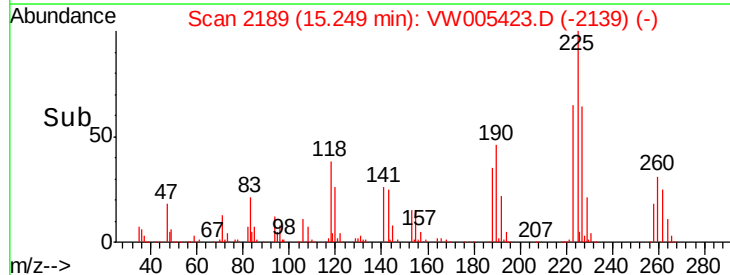
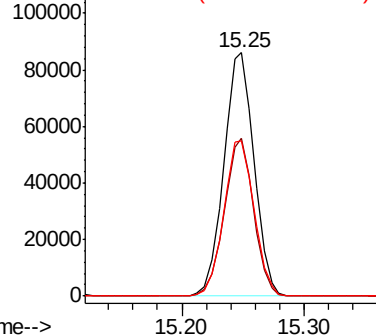


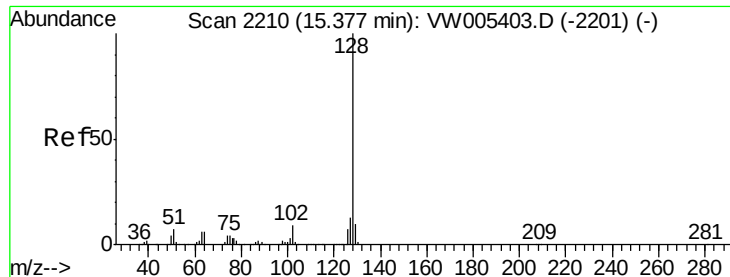
#94
 Hexachlorobutadiene
 Concen: 52.67 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW005423.D
 Acq: 17 Sep 2018 10:26

Tgt Ion:	225	Resp:	148086
Ion Ratio	Lower	Upper	
225	100		
223	62.6	31.2	93.6
227	64.1	31.6	95.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





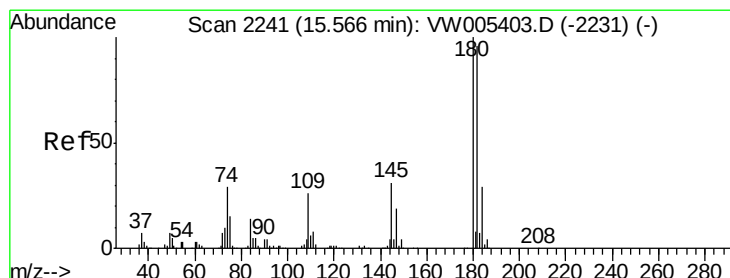
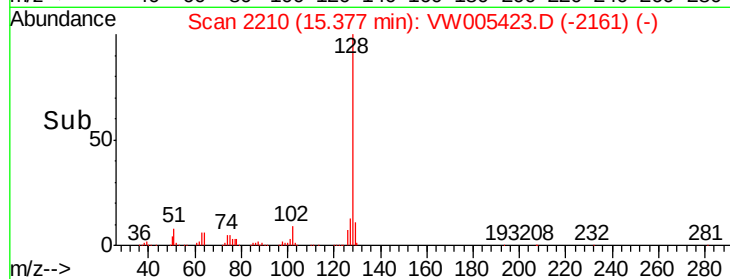
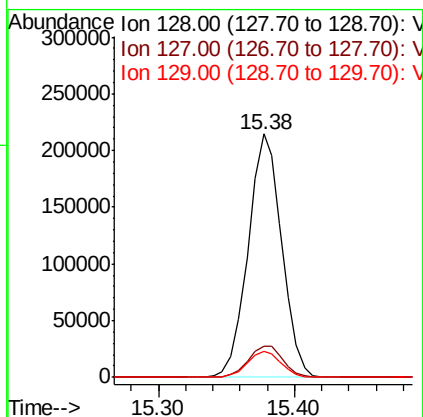
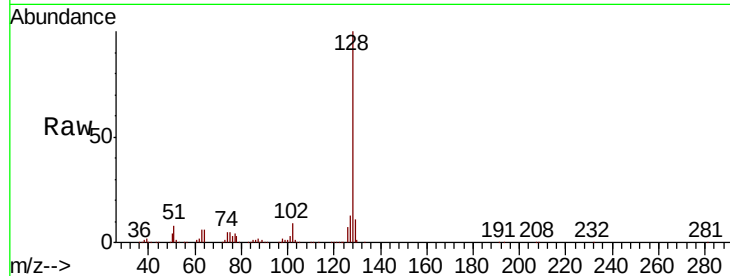
#95
Naphthalene
Concen: 51.79 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005423.D
Acq: 17 Sep 2018 10:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	371589		
127	13.4		11.0	16.4
129	10.8		8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 51.33 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005423.D
Acq: 17 Sep 2018 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	192895		
182	95.8		48.1	144.4
145	32.6		15.9	47.7

