

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091718\
 Data File : VW005449.D
 Acq On : 17 Sep 2018 23:31
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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 9/18/2018 2:43:38 PM

Quant Time: Sep 18 02:18:28 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	277507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	421373	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	404411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	207708	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	129494	44.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.90%	
35) Dibromofluoromethane	7.89	113	108903	46.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.18%	
50) Toluene-d8	10.33	98	533477	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
62) 4-Bromofluorobenzene	12.62	95	197467	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	115683	49.01	ug/l	99
3) Chloromethane	2.21	50	163189	49.82	ug/l	99
4) Vinyl Chloride	2.36	62	147793	48.17	ug/l	98
5) Bromomethane	2.78	94	89215	47.50	ug/l	99
6) Chloroethane	2.92	64	84976	46.73	ug/l	96
7) Trichlorofluoromethane	3.26	101	180256	44.34	ug/l	98
8) Diethyl Ether	3.69	74	60358	49.96	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.07	101	110729	46.71	ug/l	99
10) Methyl Iodide	4.28	142	150518	49.93	ug/l	97
11) Tert butyl alcohol	5.20	59	43325	249.73	ug/l #	71
12) 1,1-Dichloroethene	4.04	96	103240	48.08	ug/l	94
13) Acrolein	3.91	56	33612	273.08	ug/l	98
14) Allyl chloride	4.68	41	213179	53.36	ug/l	95
15) Acrylonitrile	5.38	53	141540	256.13	ug/l	99
16) Acetone	4.15	43	108215	262.11	ug/l	98
17) Carbon Disulfide	4.39	76	360417	47.65	ug/l	100
18) Methyl Acetate	4.68	43	71307	51.52	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	299716	51.41	ug/l	99
20) Methylene Chloride	4.93	84	153758	54.30	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	126437	49.31	ug/l	97
22) Diisopropyl ether	6.32	45	446115	56.80	ug/l	98
23) Vinyl Acetate	6.26	43	1226994	274.18	ug/l	100
24) 1,1-Dichloroethane	6.23	63	242255	50.83	ug/l	99
25) 2-Butanone	7.18	43	175297	252.98	ug/l	95
26) 2,2-Dichloropropane	7.18	77	205530	48.08	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	140397	50.34	ug/l	99
28) Bromochloromethane	7.52	49	97525	52.61	ug/l #	95
29) Tetrahydrofuran	7.54	42	117884	267.05	ug/l	97
30) Chloroform	7.68	83	240707	48.77	ug/l	99
31) Cyclohexane	7.96	56	233087	50.70	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	219636	47.86	ug/l	99
36) 1,1-Dichloropropene	8.09	75	196250	49.21	ug/l	99
37) Ethyl Acetate	7.26	43	85187	52.53	ug/l	97
38) Carbon Tetrachloride	8.07	117	191453	46.07	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	241351	52.09	ug/l	98
40) Benzene	8.33	78	584108	50.56	ug/l	99
41) Methacrylonitrile	7.49	41	52494	53.65	ug/l	96
42) 1,2-Dichloroethane	8.41	62	166746	46.12	ug/l	98
43) Isopropyl Acetate	8.43	43	165164	52.19	ug/l	99
44) Trichloroethene	9.10	130	144454	48.58	ug/l	99
45) 1,2-Dichloropropane	9.38	63	144573	52.38	ug/l	100
46) Dibromomethane	9.46	93	65578	48.30	ug/l	99
47) Bromodichloromethane	9.65	83	181115	49.24	ug/l	99
48) Methyl methacrylate	9.44	41	84917	53.76	ug/l	97
49) 1,4-Dioxane	9.47	88	25177	1112.60	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	440751	270.52	ug/l	99
52) Toluene	10.40	92	403985	51.64	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	186870	50.76	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	217713	52.23	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	97605	48.37	ug/l	99
56) Ethyl methacrylate	10.65	69	139602	54.66	ug/l	98
57) 1,3-Dichloropropane	10.94	76	178271	51.18	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	312602	270.60	ug/l	97
59) 2-Hexanone	10.98	43	308361	277.85	ug/l	99
60) Dibromochloromethane	11.13	129	118006	48.60	ug/l	100
61) 1,2-Dibromoethane	11.24	107	90174	49.83	ug/l	100
64) Tetrachloroethene	10.87	164	147337	49.30	ug/l	97
65) Chlorobenzene	11.66	112	435541	50.75	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	136424	49.73	ug/l	99
67) Ethyl Benzene	11.74	91	796332	52.76	ug/l	99
68) m/p-Xylenes	11.85	106	603117	103.82	ug/l	100
69) o-Xylene	12.17	106	284700	52.63	ug/l	99
70) Styrene	12.19	104	476013	53.32	ug/l	99
71) Bromoform	12.35	173	70542	48.61	ug/l #	99
73) Isopropylbenzene	12.47	105	784320	53.82	ug/l	100
74) N-amyl acetate	12.28	43	174852	56.94	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	114811	54.01	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	80283m	46.99	ug/l	
77) Bromobenzene	12.75	156	175126	50.83	ug/l	96
78) n-propylbenzene	12.81	91	950558	54.05	ug/l	100
79) 2-Chlorotoluene	12.90	91	556006	53.59	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	677493	53.28	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	35970	54.62	ug/l	95
82) 4-Chlorotoluene	12.99	91	576474	52.63	ug/l	99
83) tert-Butylbenzene	13.21	119	570378	54.01	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	690835	53.52	ug/l	100
85) sec-Butylbenzene	13.39	105	818975	53.67	ug/l	100
86) p-Isopropyltoluene	13.51	119	733724	53.77	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	356959	51.09	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	350319	50.91	ug/l	99
89) n-Butylbenzene	13.83	91	699472	55.04	ug/l	99
90) Hexachloroethane	14.10	117	121274	51.87	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	316404	51.82	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19926	48.80	ug/l	98

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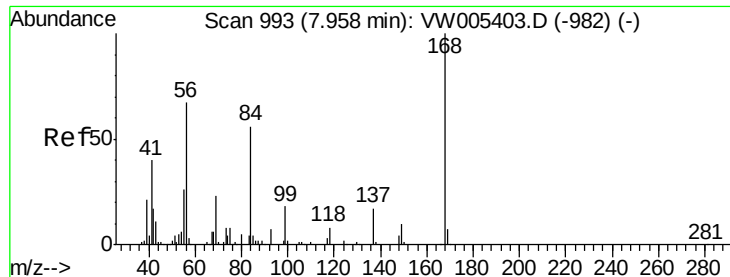
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	218081	53.53	ug/l	99
94) Hexachlorobutadiene	15.24	225	136923	51.46	ug/l	100
95) Naphthalene	15.38	128	368472	54.27	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	186485	52.45	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 277507

Ion Ratio Lower Upper

168 100

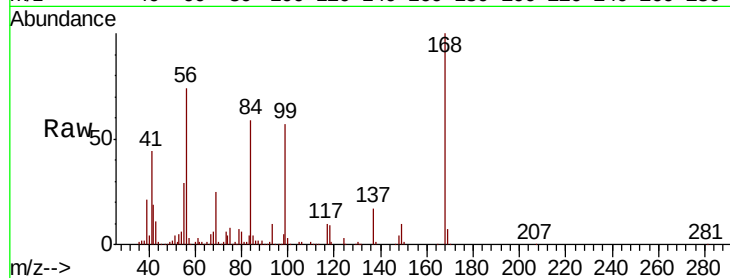
99 56.8 45.0 67.6

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

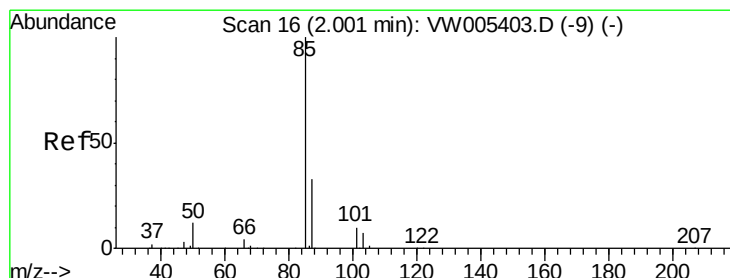
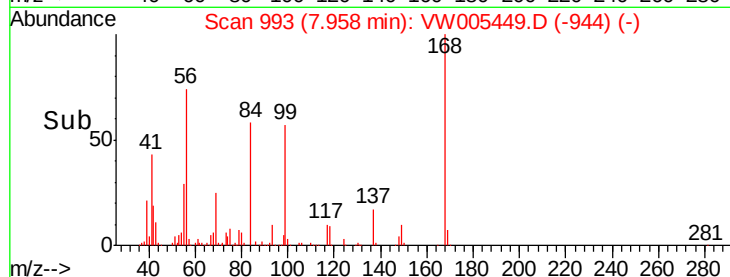
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50000

0

7.80 7.90 8.00 8.10 8.20

Time-->



#2

Dichlorodifluoromethane

Concen: 49.01 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW005449.D

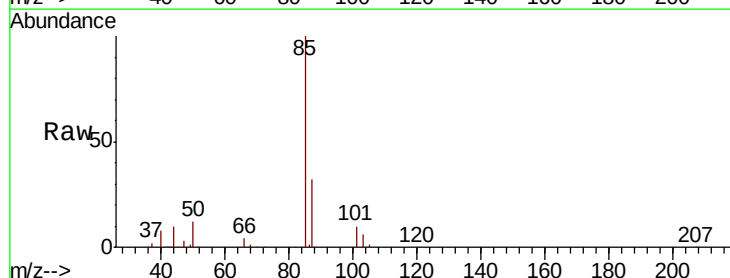
Acq: 17 Sep 2018 23:31

Tgt Ion: 85 Resp: 115683

Ion Ratio Lower Upper

85 100

87 32.4 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

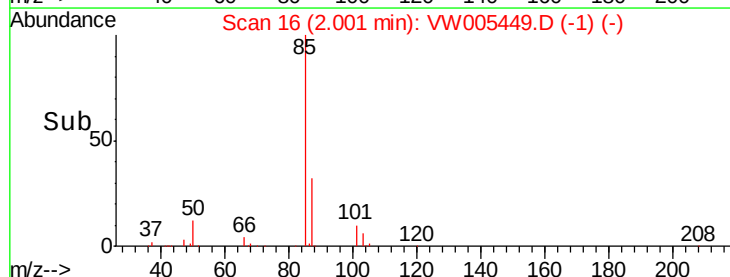
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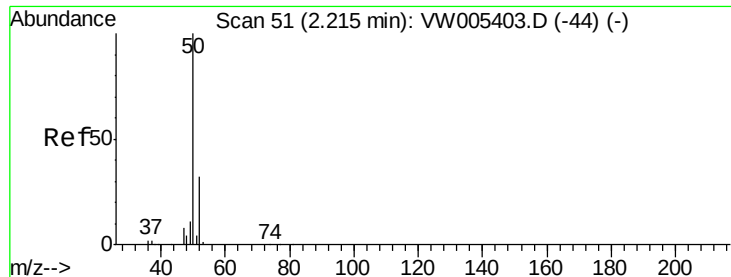
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0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 49.82 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW005449.D

Acq: 17 Sep 2018 23:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 163189

Ion Ratio Lower Upper

50 100

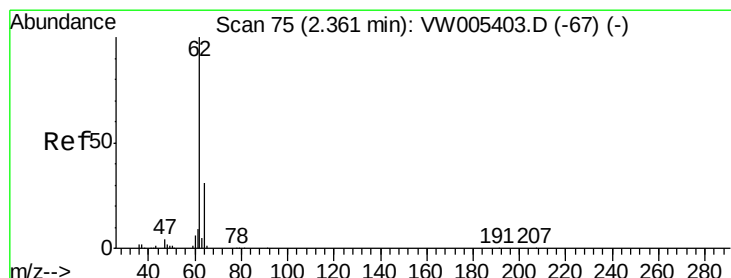
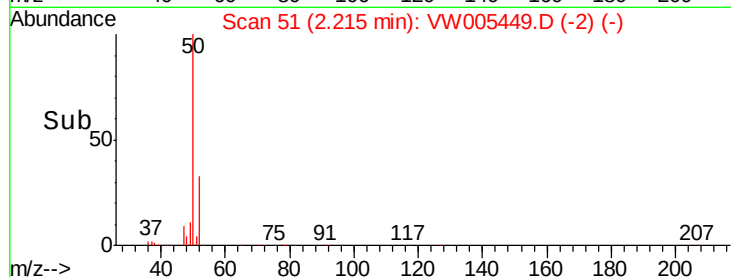
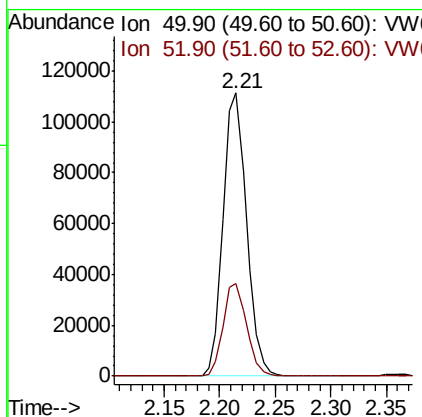
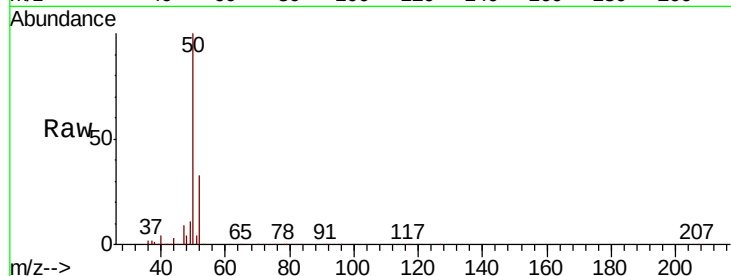
52 32.6 25.8 38.6

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#4

Vinyl Chloride

Concen: 48.17 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW005449.D

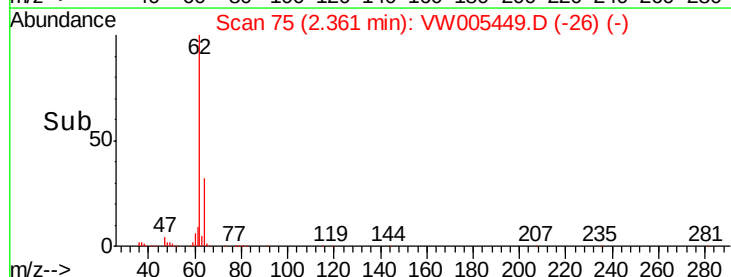
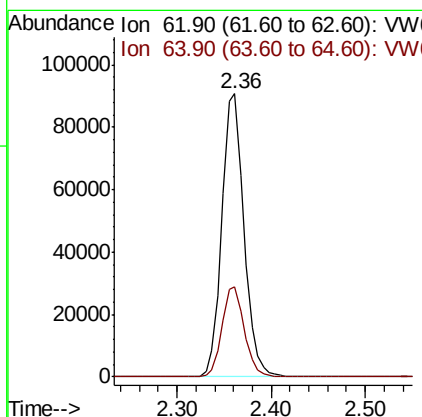
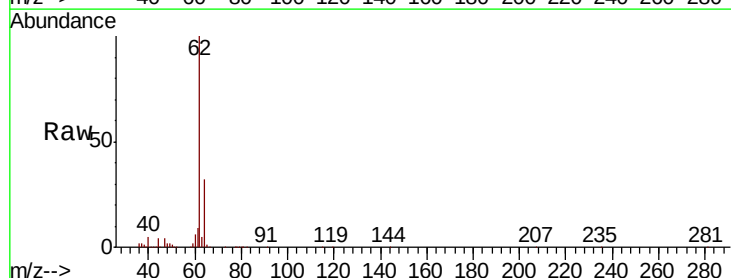
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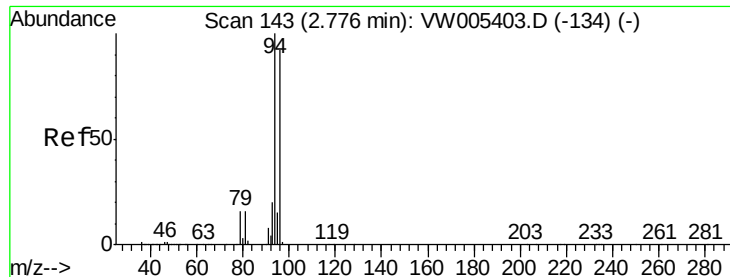
Tgt Ion: 62 Resp: 147793

Ion Ratio Lower Upper

62 100

64 31.8 24.5 36.7





#5

Bromomethane

Concen: 47.50 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW005449.D

Acq: 17 Sep 2018 23:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 89215

Ion Ratio Lower Upper

94 100

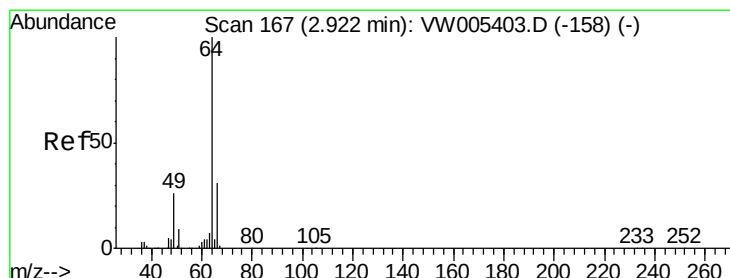
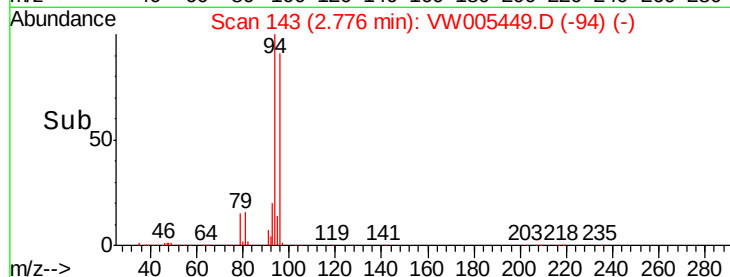
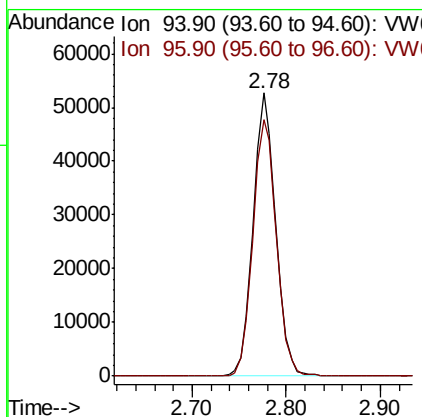
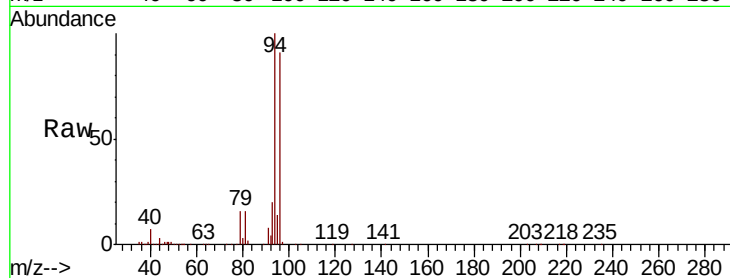
96 90.8 73.7 110.5

Manual Integrations

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#6

Chloroethane

Concen: 46.73 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW005449.D

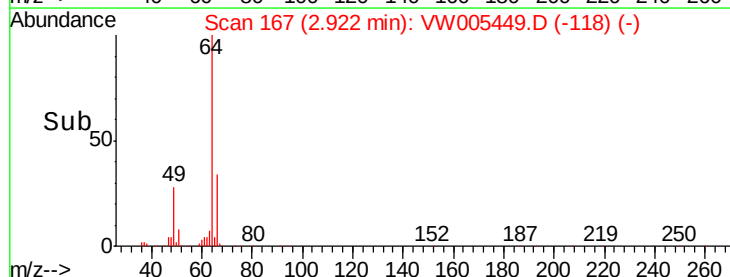
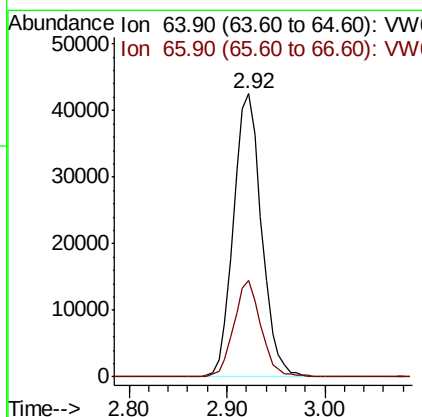
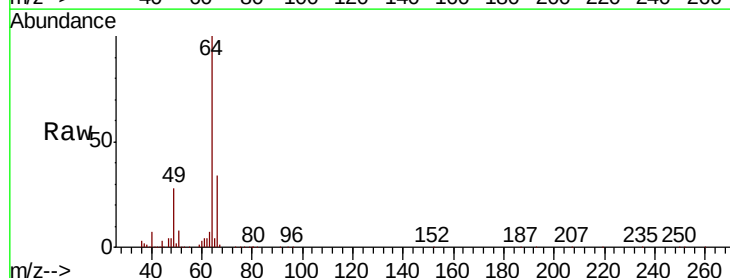
Acq: 17 Sep 2018 23:31

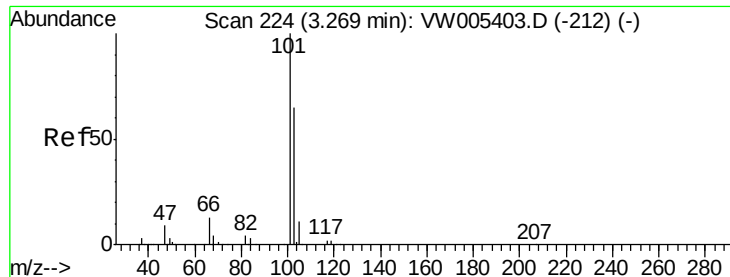
Tgt Ion: 64 Resp: 84976

Ion Ratio Lower Upper

64 100

66 34.0 25.2 37.8





#7

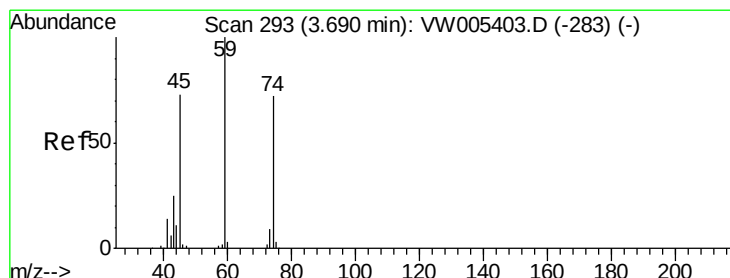
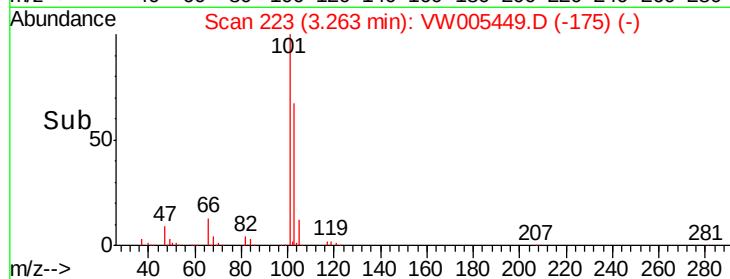
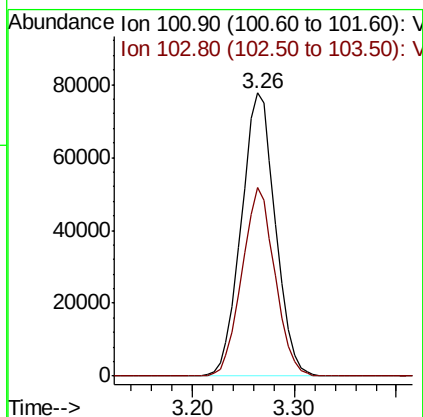
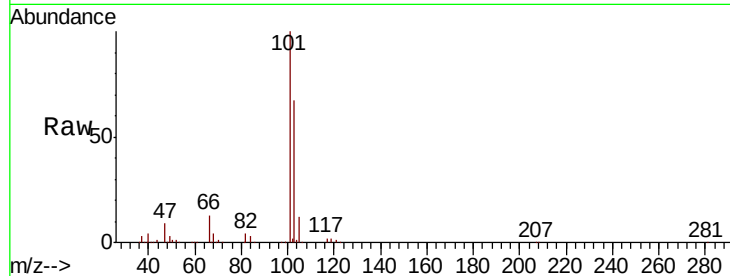
Trichlorofluoromethane
 Concen: 44.34 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.01 min
 Lab File: VW005449.D
 Acq: 17 Sep 2018 23:31

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 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.5	51.7	77.5

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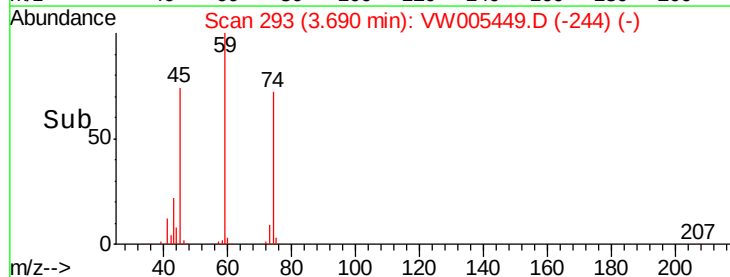
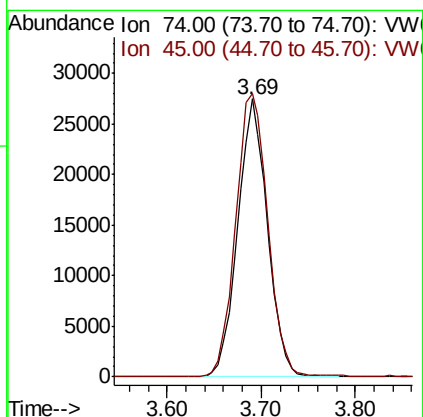
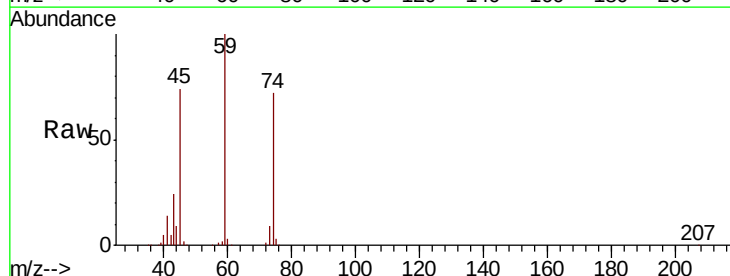
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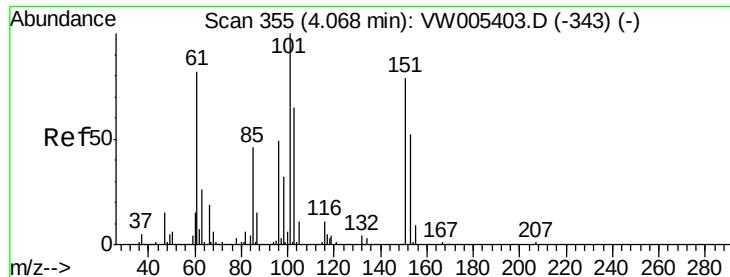


#8

Diethyl Ether
 Concen: 49.96 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW005449.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	110.4	53.1	159.3





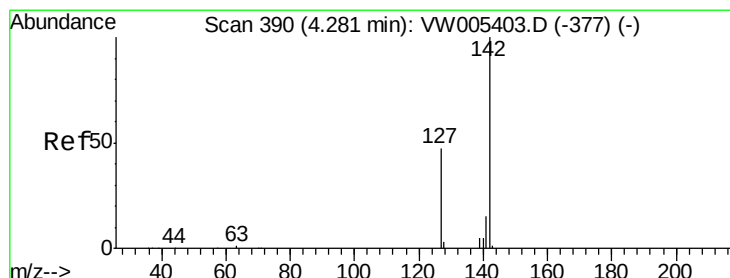
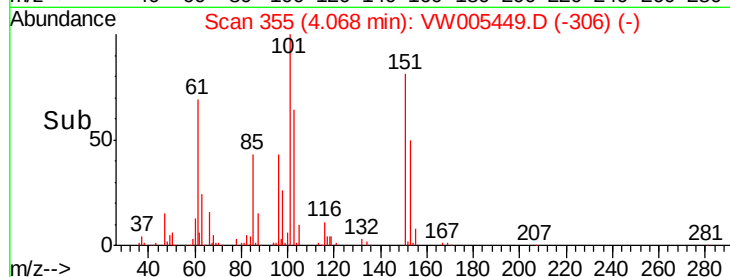
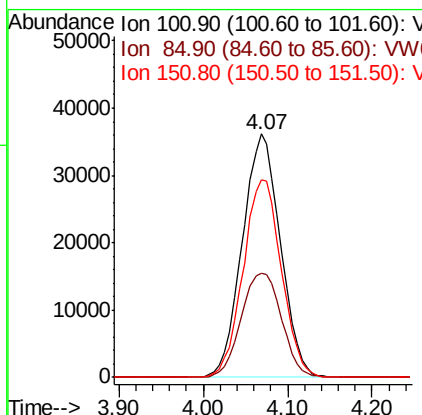
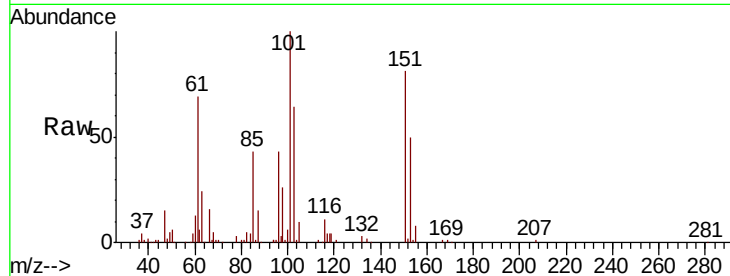
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 46.71 ug/l
 RT: 4.07 min Scan# 355
 Delta R.T. 0.00 min
 Lab File: VW005449.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	110729		
85	45.2	36.6	54.8	
151	81.5	66.3	99.5	

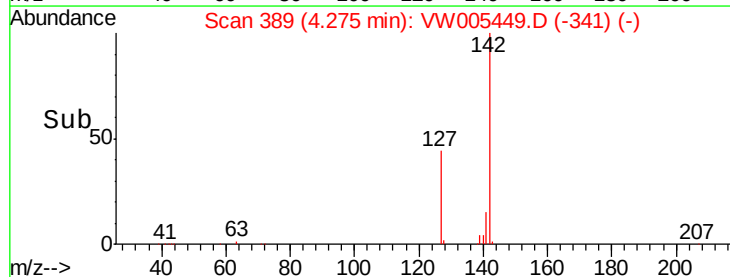
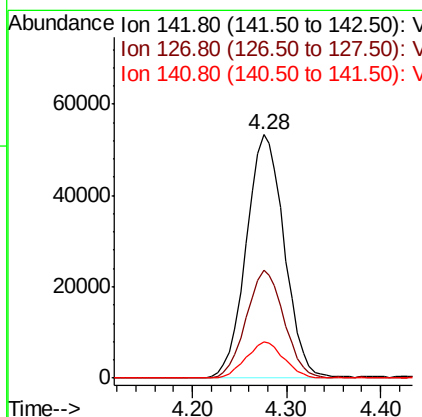
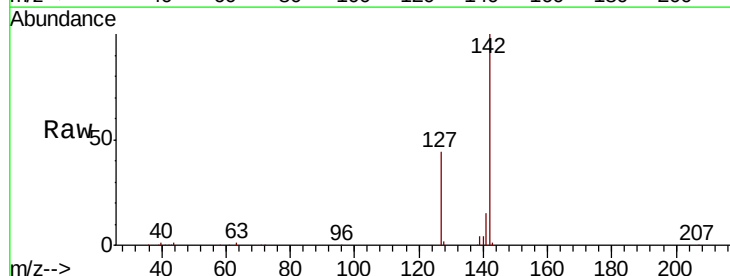
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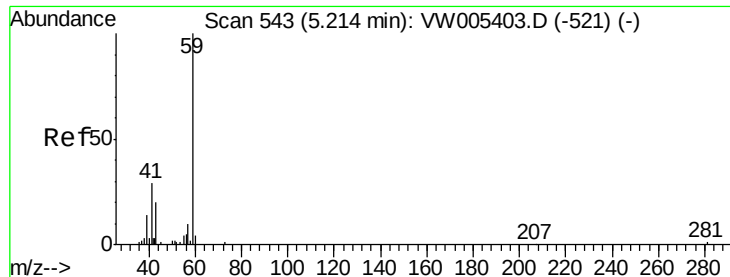
apatel
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#10
 Methyl Iodide
 Concen: 49.93 ug/l
 RT: 4.28 min Scan# 389
 Delta R.T. -0.01 min
 Lab File: VW005449.D
 Acq: 17 Sep 2018 23:31

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	150518		
127	44.2	37.5	56.3	
141	14.9	12.4	18.6	





#11

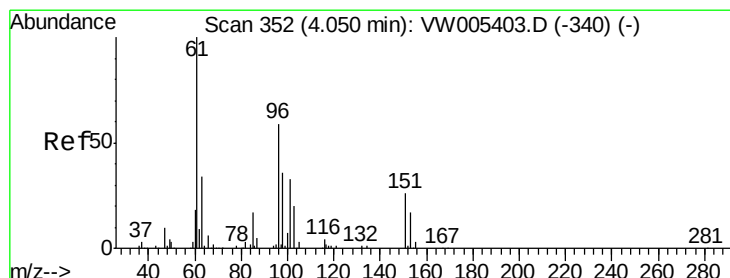
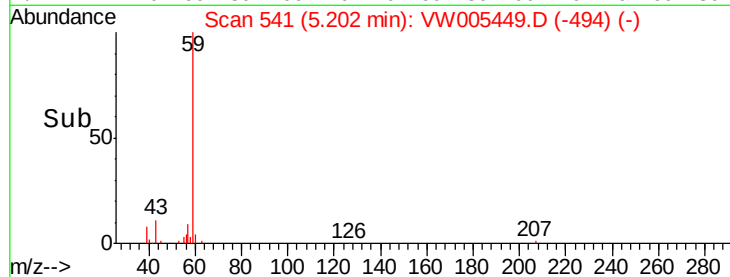
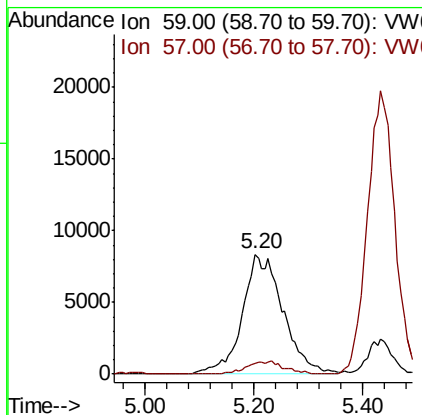
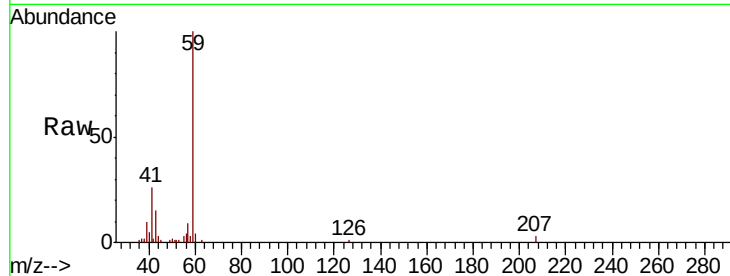
Tert butyl alcohol
Concen: 249.73 ug/l
RT: 5.20 min Scan# 541
Delta R.T. -0.01 min
Lab File: VW005449.D
Acq: 17 Sep 2018 23:31

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	59	57	Ratio	100	0.0	Resp	43325	Lower	Upper
59	100								
57		0.0					8.6		13.0#

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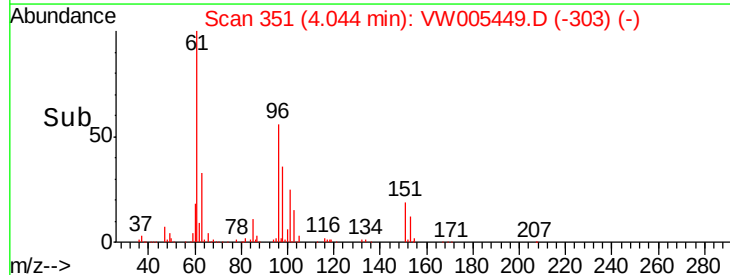
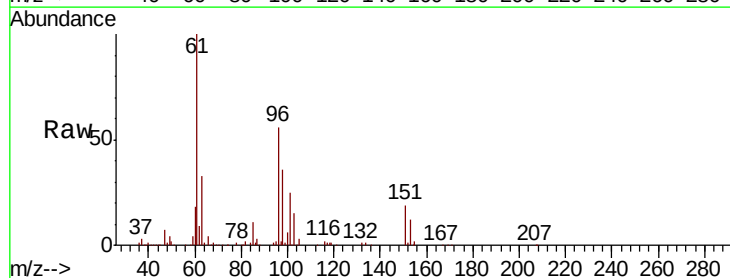
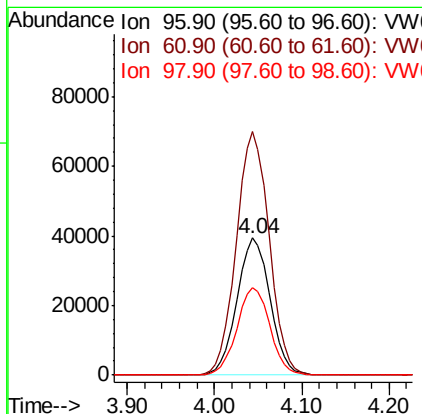
apatel
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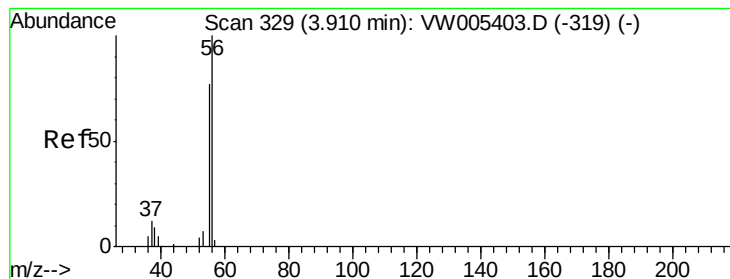


#12

1,1-Dichloroethene
Concen: 48.08 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.01 min
Lab File: VW005449.D
Acq: 17 Sep 2018 23:31

Tgt Ion	96	61	98	Ratio	100	177.9	64.0	Resp	103240	Lower	Upper
96	100										
61		177.9							135.7		203.5
98			64.0						48.6		73.0





#13

Acrolein

Concen: 273.08 ug/l

RT: 3.91 min Scan# 329

Delta R.T. 0.00 min

Lab File: VW005449.D

Acq: 17 Sep 2018 23:31

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 56 Resp: 33612

Ion Ratio Lower Upper

56 100

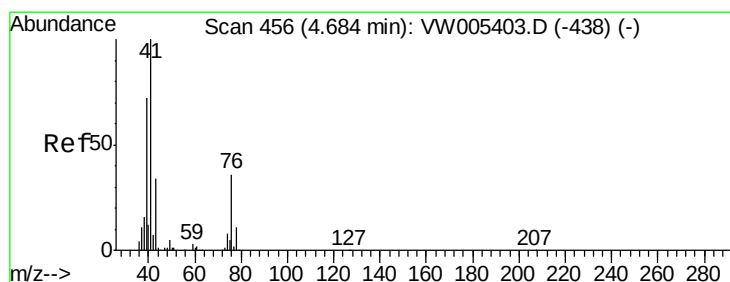
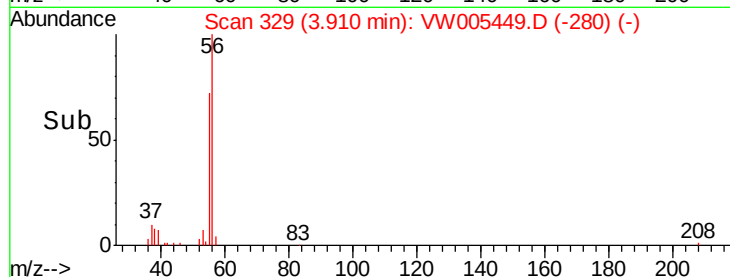
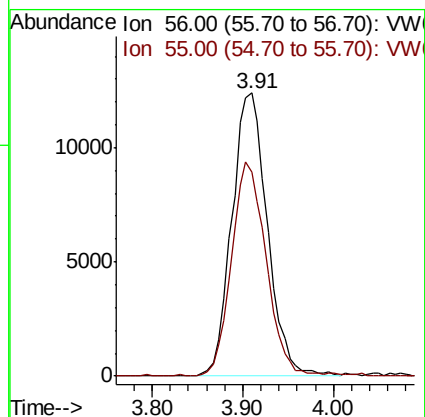
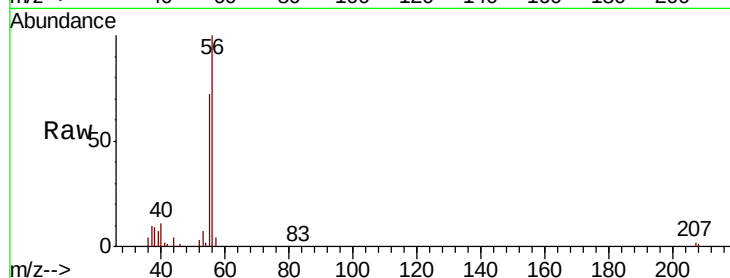
55 73.5 59.8 89.8

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#14

Allyl chloride

Concen: 53.36 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW005449.D

Acq: 17 Sep 2018 23:31

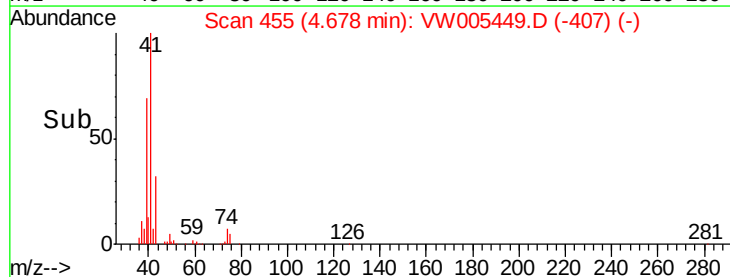
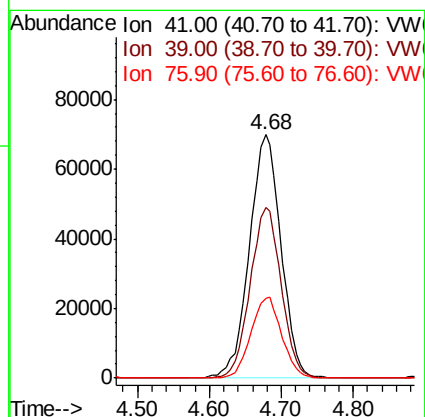
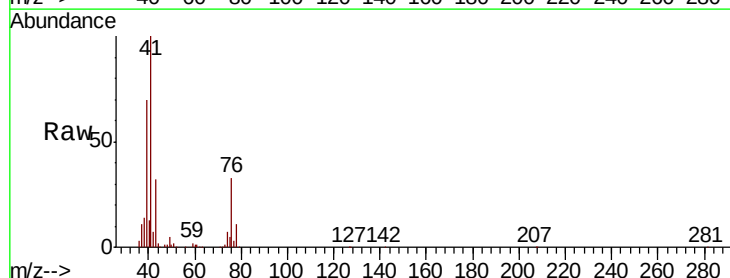
Tgt Ion: 41 Resp: 213179

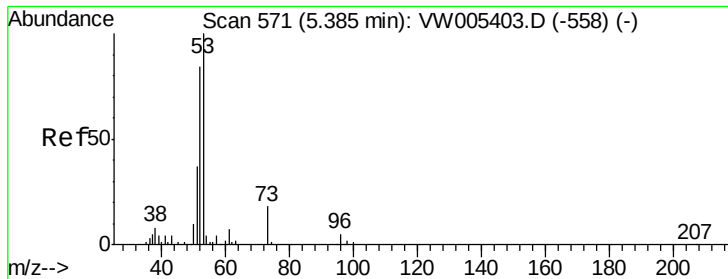
Ion Ratio Lower Upper

41 100

39 68.9 58.6 88.0

76 32.3 27.4 41.0





#15

Acrylonitrile

Concen: 256.13 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.01 min

Lab File: VW005449.D

Acq: 17 Sep 2018 23:31

Instrument :

MSVOA_W

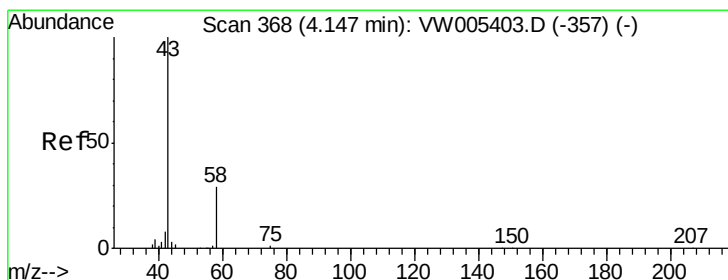
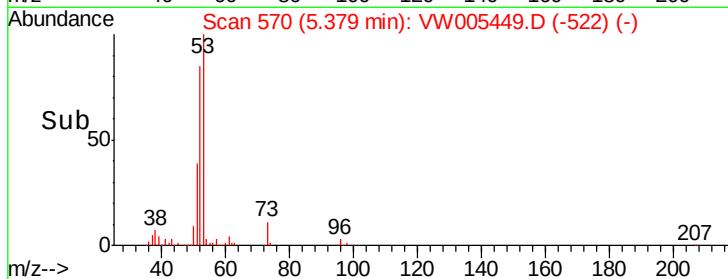
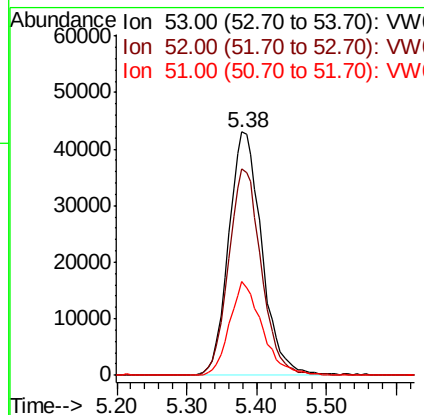
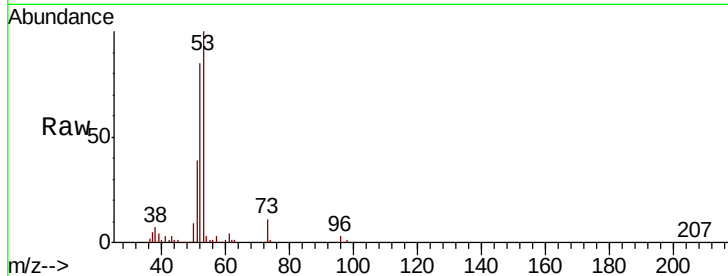
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	141540
Ion Ratio	Lower	Upper	
53	100		
52	83.7	66.6	99.8
51	38.1	31.1	46.7

Manual Integrations
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#16

Acetone

Concen: 262.11 ug/l

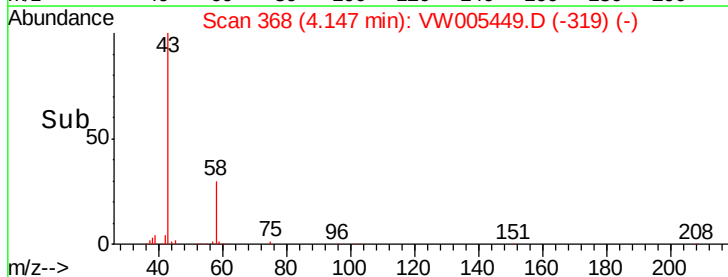
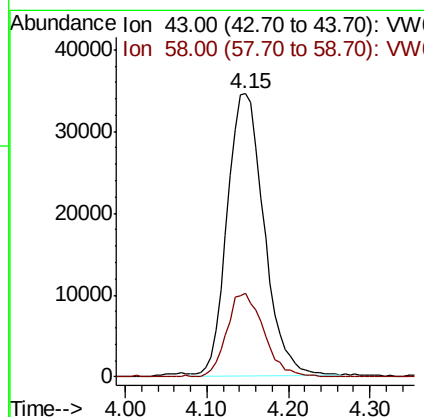
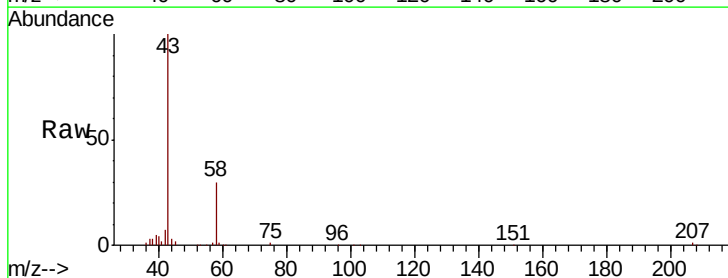
RT: 4.15 min Scan# 368

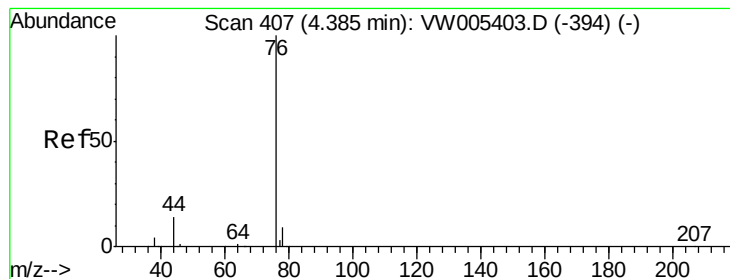
Delta R.T. 0.00 min

Lab File: VW005449.D

Acq: 17 Sep 2018 23:31

Tgt Ion:	43	Resp:	108215
Ion Ratio	Lower	Upper	
43	100		
58	29.6	22.8	34.2





#17

Carbon Disulfide

Concen: 47.65 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW005449.D

Acq: 17 Sep 2018 23:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 360417

Ion Ratio Lower Upper

76 100

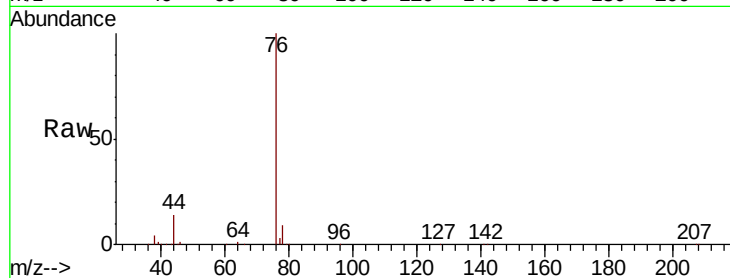
78 9.1 7.4 11.0

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.39

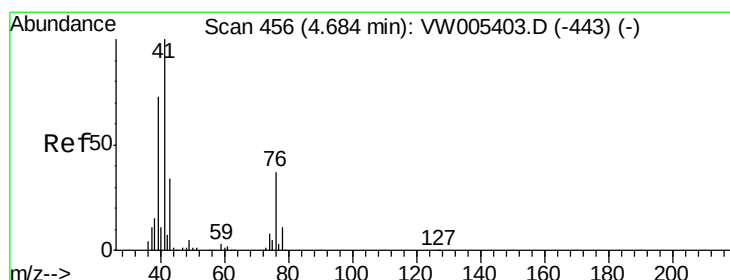
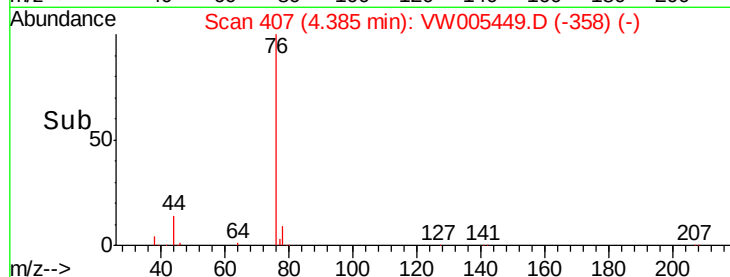
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 51.52 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW005449.D

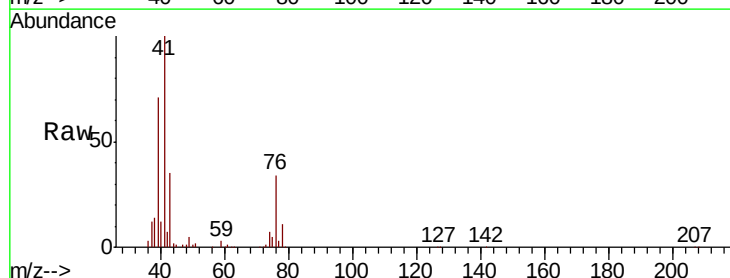
Acq: 17 Sep 2018 23:31

Tgt Ion: 43 Resp: 71307

Ion Ratio Lower Upper

43 100

74 21.8 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

25000

20000

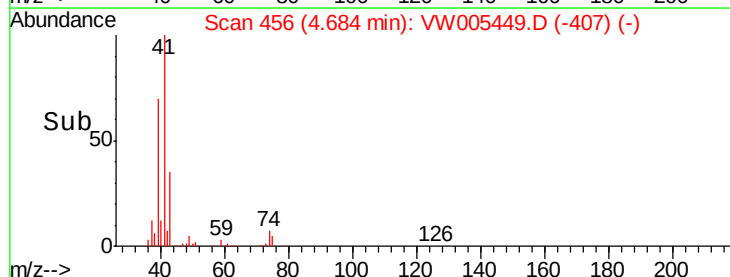
15000

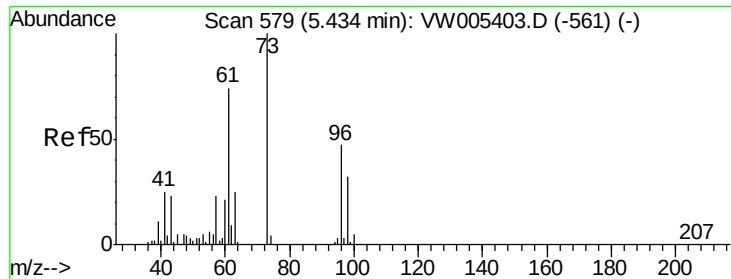
10000

5000

0

Time-->





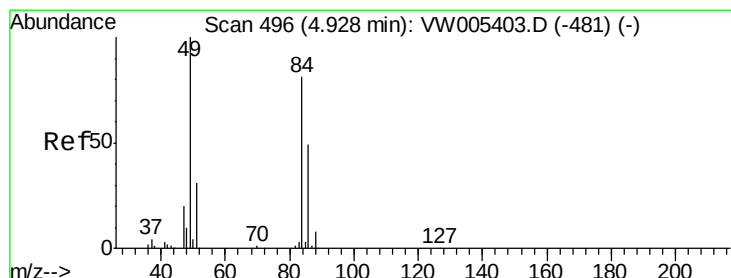
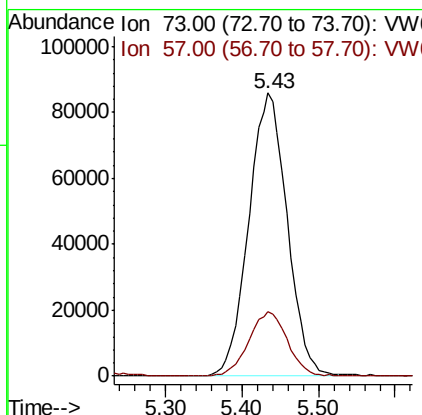
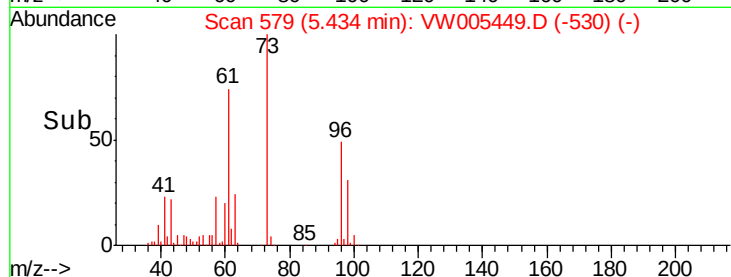
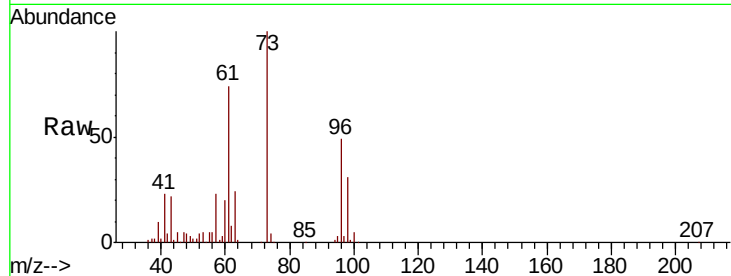
#19
Methyl tert-butyl Ether
Concen: 51.41 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW005449.D
Acq: 17 Sep 2018 23:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.0	18.6	28.0

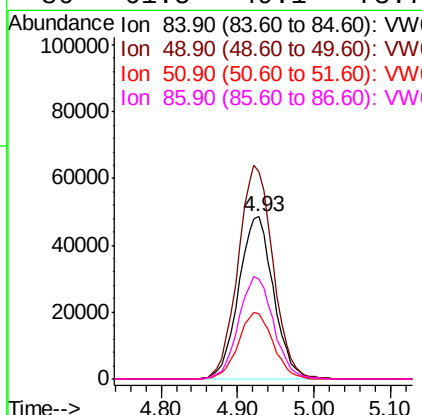
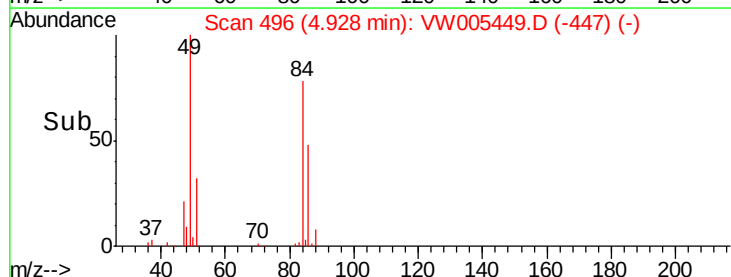
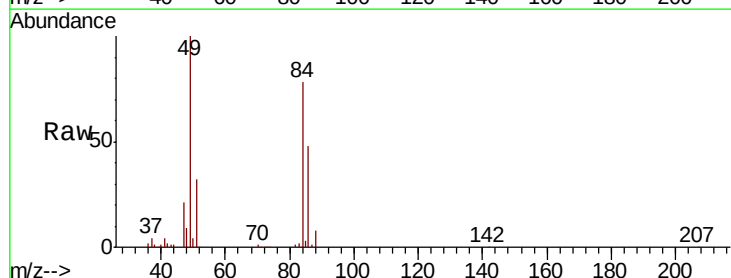
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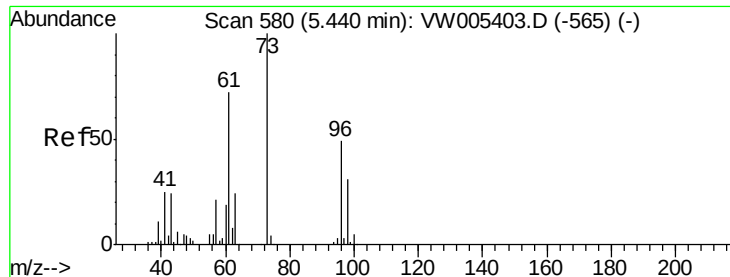
apatel
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#20
Methylene Chloride
Concen: 54.30 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.00 min
Lab File: VW005449.D
Acq: 17 Sep 2018 23:31

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.7	99.3	148.9
51	40.5	31.1	46.7
86	61.5	49.1	73.7





#21

trans-1,2-Dichloroethene

Concen: 49.31 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.01 min

Lab File: VW005449.D

Acq: 17 Sep 2018 23:31

Instrument :

MSVOA_W

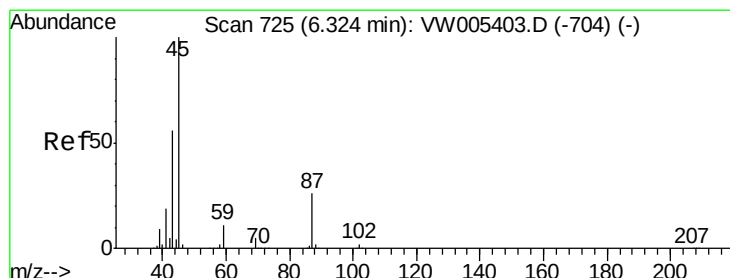
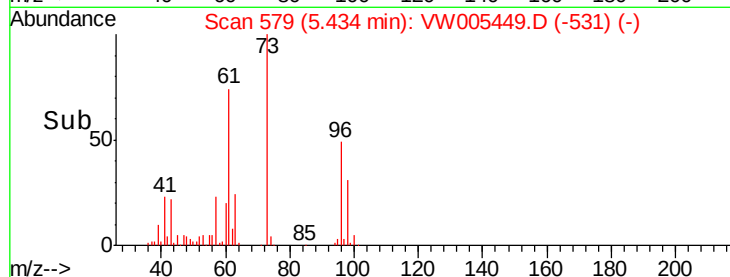
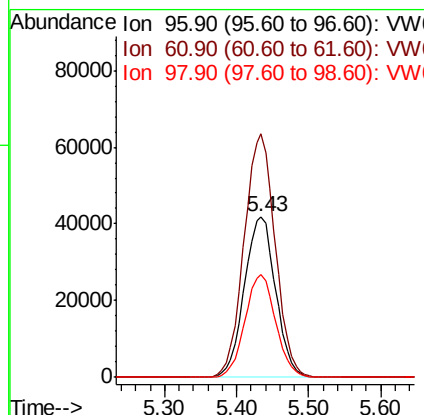
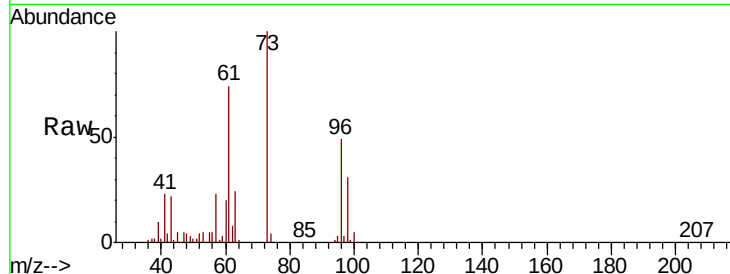
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	126437
Ion	Ratio	Lower	Upper
96	100		
61	151.5	116.7	175.1
98	64.1	51.0	76.6

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#22

Diisopropyl ether

Concen: 56.80 ug/l

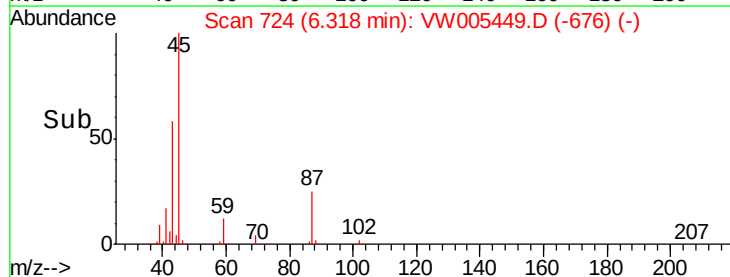
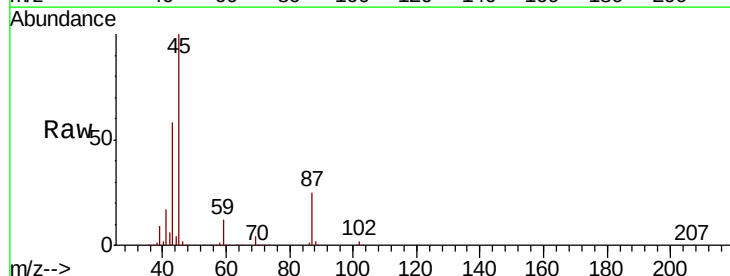
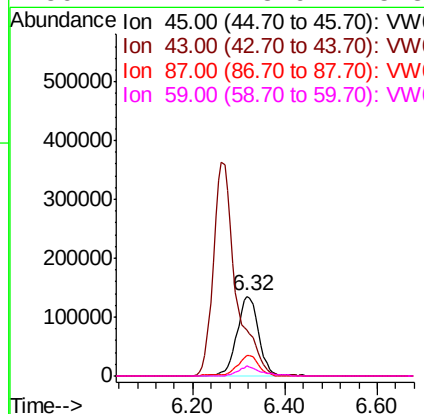
RT: 6.32 min Scan# 724

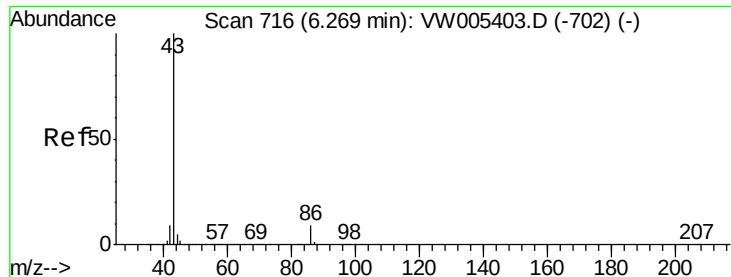
Delta R.T. -0.01 min

Lab File: VW005449.D

Acq: 17 Sep 2018 23:31

Tgt Ion:	45	Resp:	446115
Ion	Ratio	Lower	Upper
45	100		
43	57.4	44.6	67.0
87	24.9	20.6	31.0
59	12.2	8.9	13.3





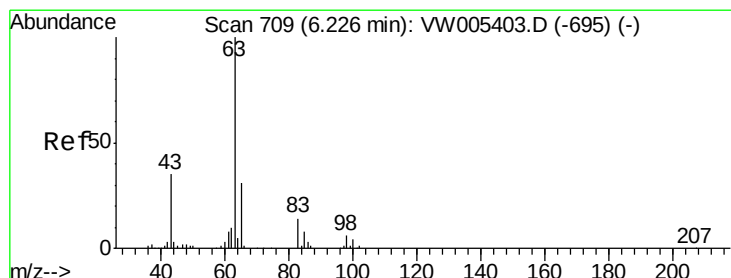
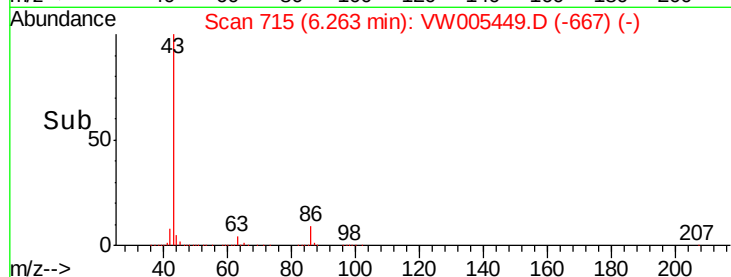
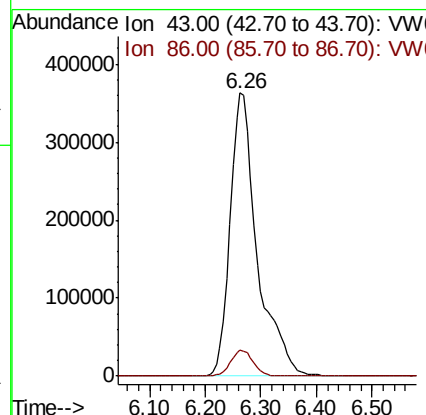
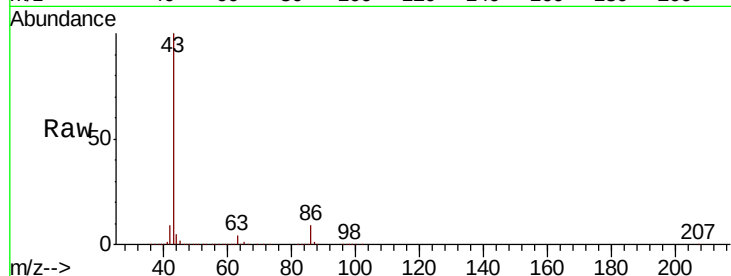
#23
 Vinyl Acetate
 Concen: 274.18 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: VW005449.D
 Acq: 17 Sep 2018 23:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1226994
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.5 11.3

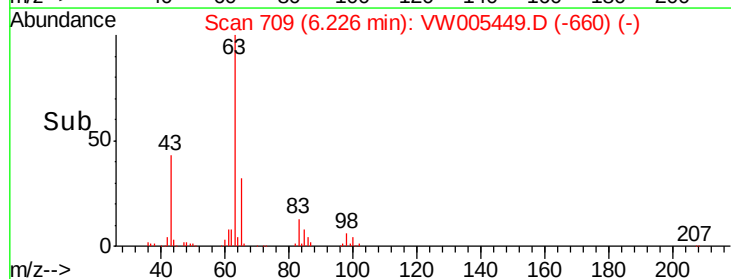
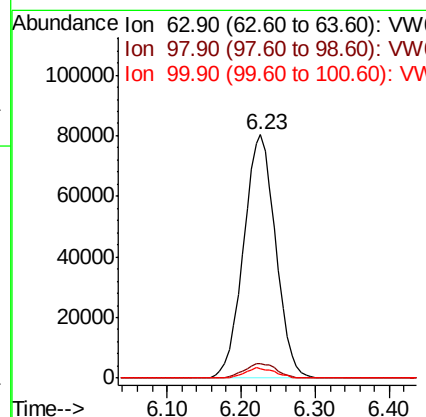
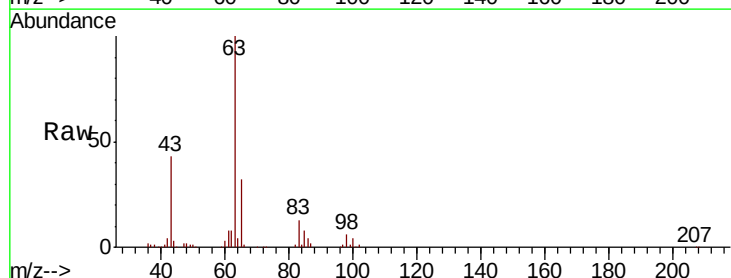
Manual Integrations
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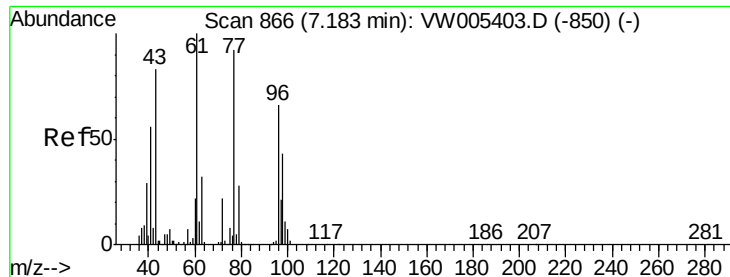
apatel
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#24
 1,1-Dichloroethane
 Concen: 50.83 ug/l
 RT: 6.23 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: VW005449.D
 Acq: 17 Sep 2018 23:31

Tgt Ion: 63 Resp: 242255
 Ion Ratio Lower Upper
 63 100
 98 6.1 2.9 8.8
 100 4.1 2.3 6.8





#25

2-Butanone

Concen: 252.98 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW005449.D

Acq: 17 Sep 2018 23:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 175297

Ion Ratio Lower Upper

43 100

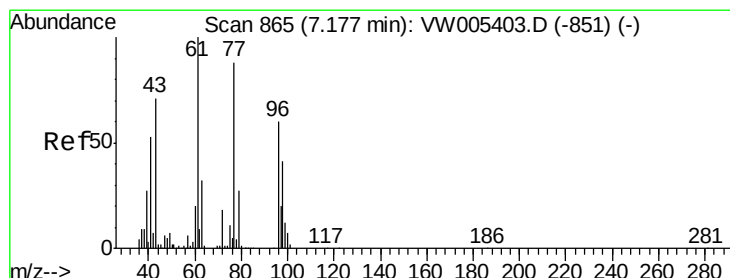
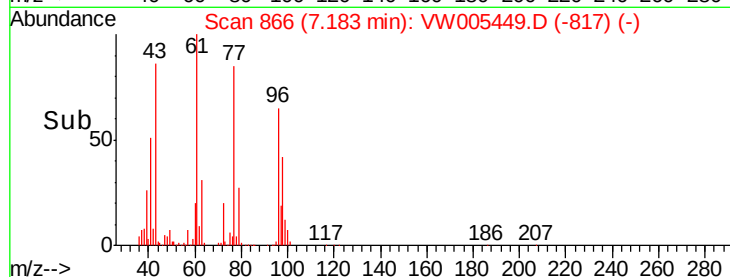
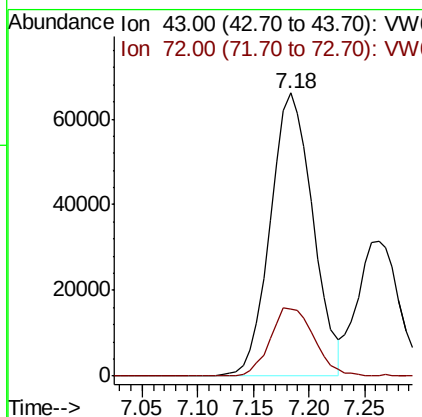
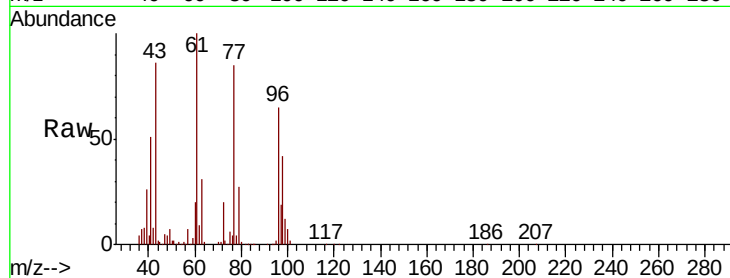
72 23.8 21.1 31.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.08 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW005449.D

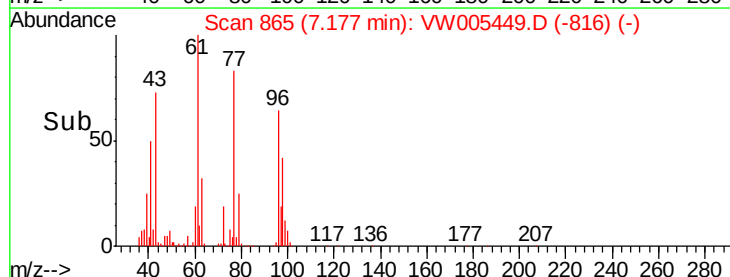
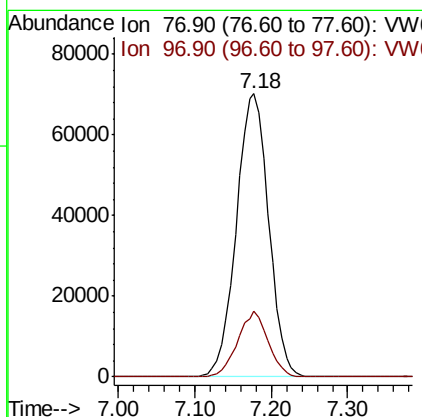
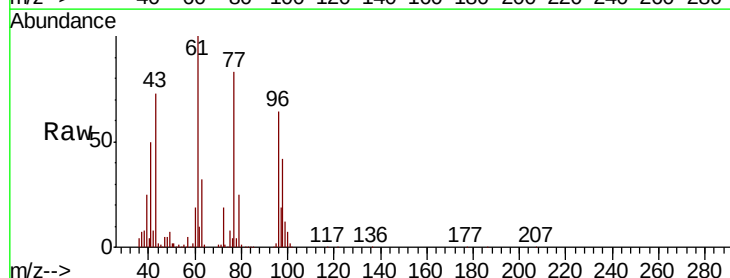
Acq: 17 Sep 2018 23:31

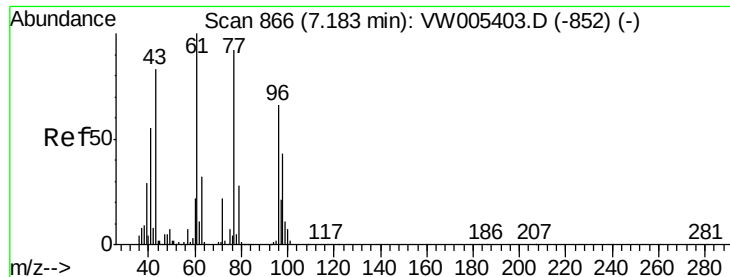
Tgt Ion: 77 Resp: 205530

Ion Ratio Lower Upper

77 100

97 21.8 10.7 32.1





#27

cis-1,2-Dichloroethene

Concen: 50.34 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW005449.D

Acq: 17 Sep 2018 23:31

Instrument :

MSVOA_W

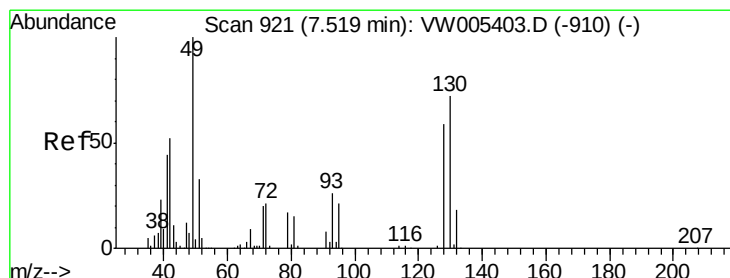
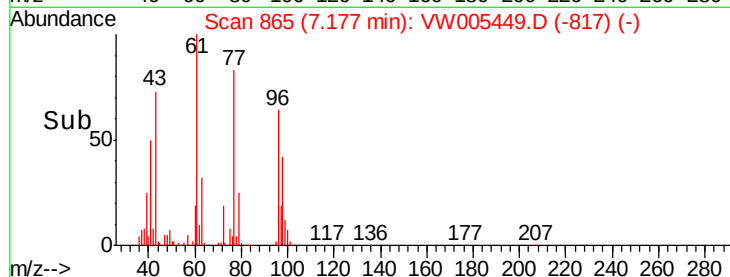
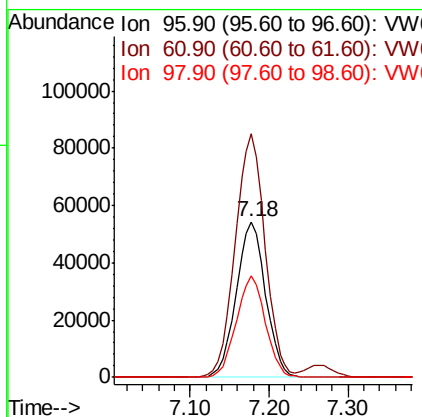
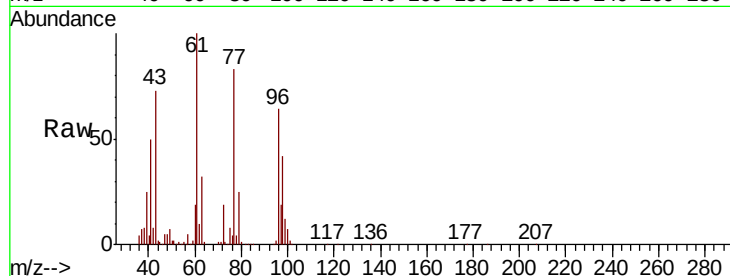
ClientSampled :

VSTDCCC050

Tot Ion:	96	Resp:	140397
Ion Ratio	Lower	Upper	
96	100		
61	159.1	0.0	316.0
98	64.6	0.0	130.8

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#28

Bromochloromethane

Concen: 52.61 ug/l

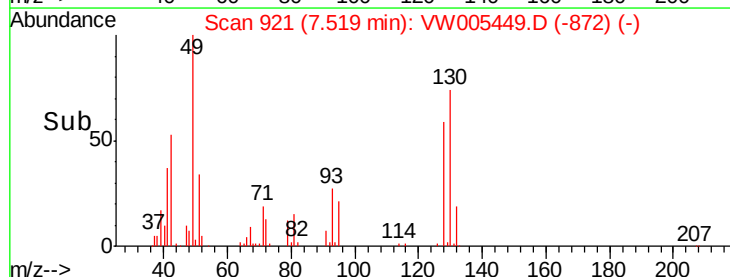
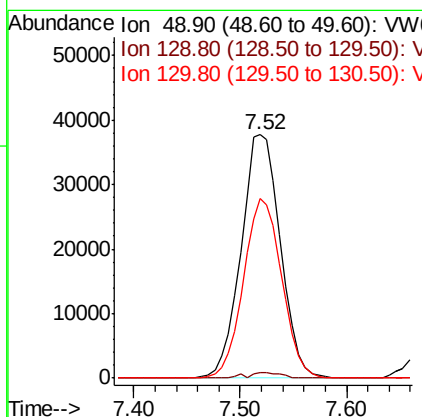
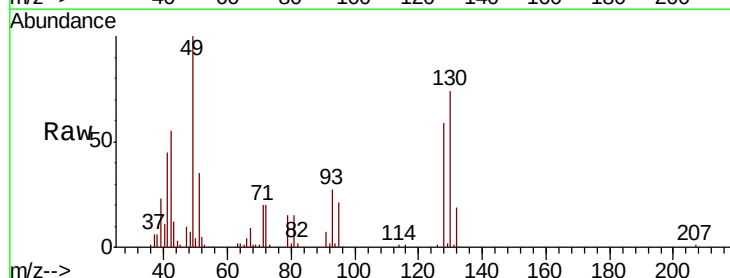
RT: 7.52 min Scan# 921

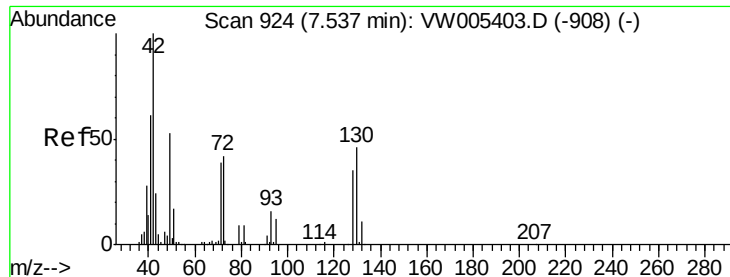
Delta R.T. 0.00 min

Lab File: VW005449.D

Acq: 17 Sep 2018 23:31

Tgt Ion:	49	Resp:	97525
Ion Ratio	Lower	Upper	
49	100		
129	1.5	0.0	1.0#
130	72.0	61.4	92.2





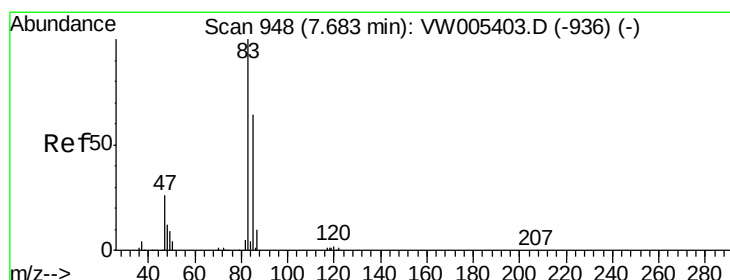
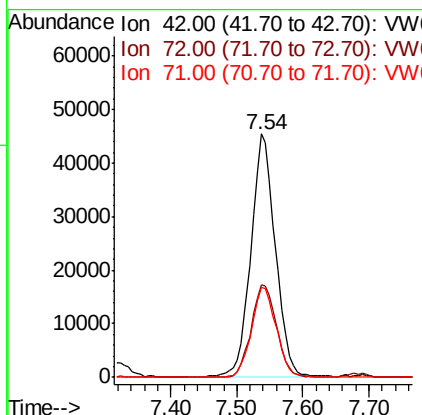
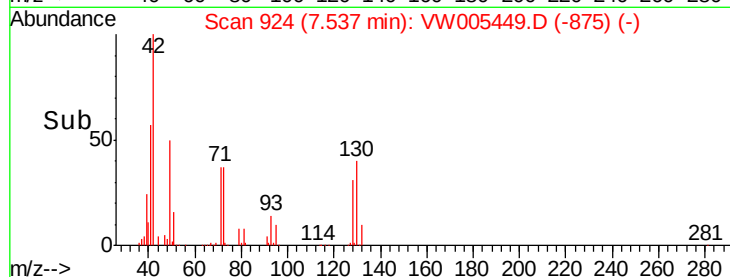
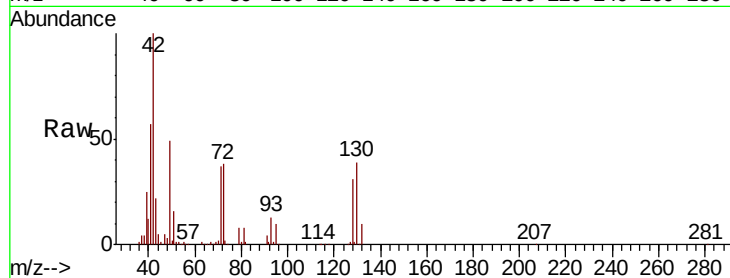
#29
Tetrahydrofuran
Concen: 267.05 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW005449.D
Acq: 17 Sep 2018 23:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	42	Resp:	117884
Ion Ratio		Lower	Upper
42	100		
72	39.1	33.2	49.8
71	37.5	31.0	46.6

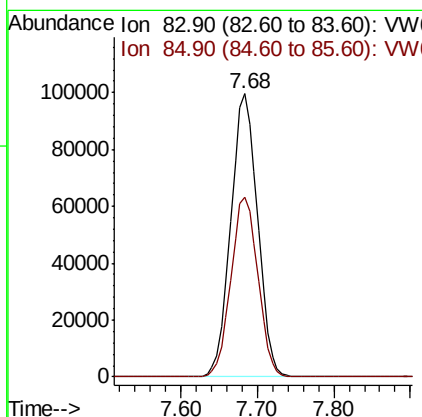
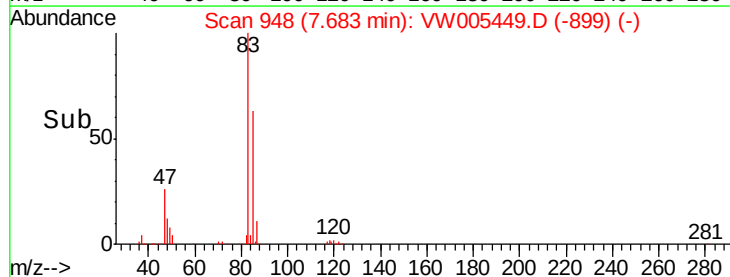
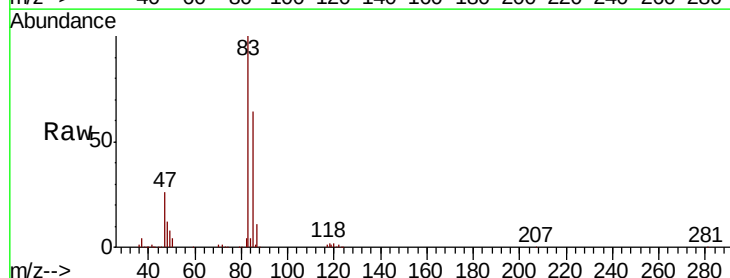
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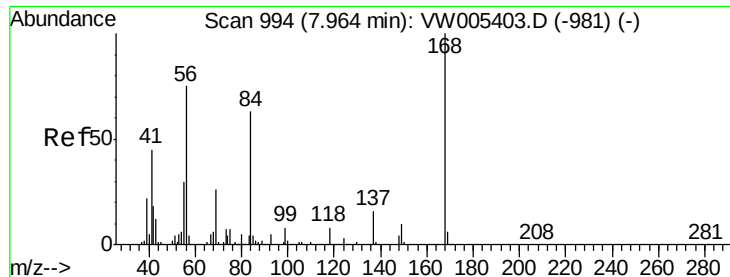
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#30
Chloroform
Concen: 48.77 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.00 min
Lab File: VW005449.D
Acq: 17 Sep 2018 23:31

Tgt Ion:	83	Resp:	240707
Ion Ratio		Lower	Upper
83	100		
85	63.5	51.5	77.3





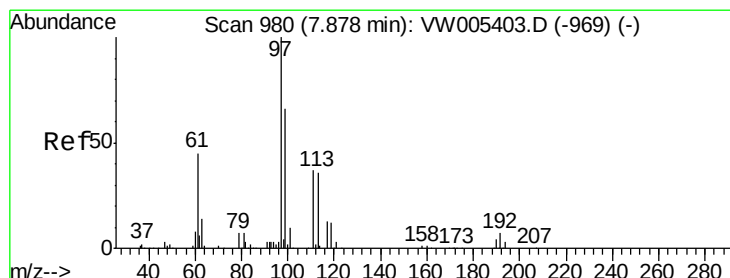
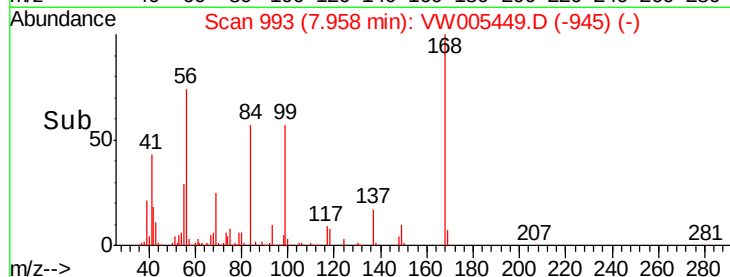
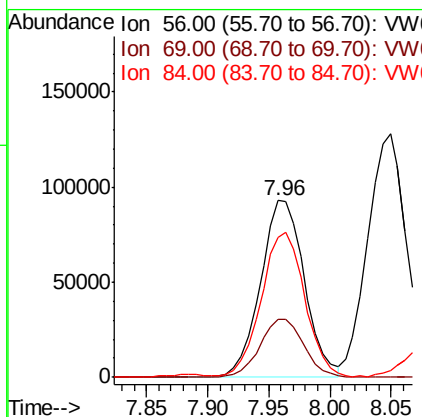
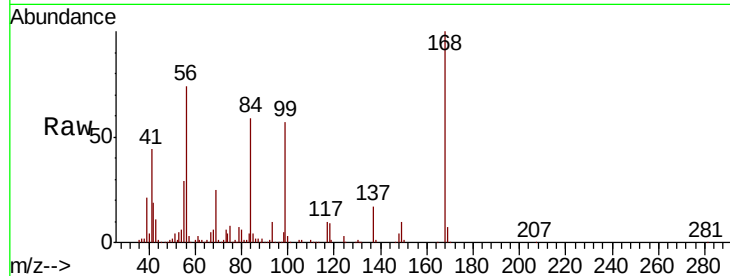
#31
Cyclohexane
Concen: 50.70 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW005449.D
Acq: 17 Sep 2018 23:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.1	27.2	40.8
84	78.0	66.7	100.1

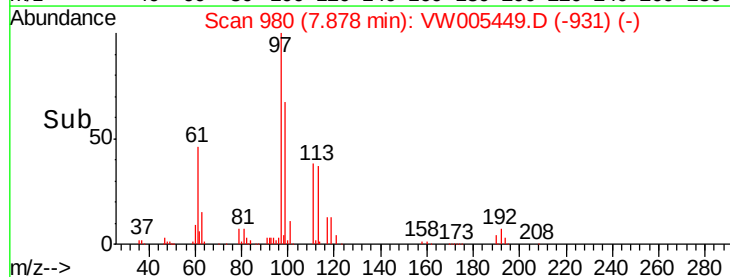
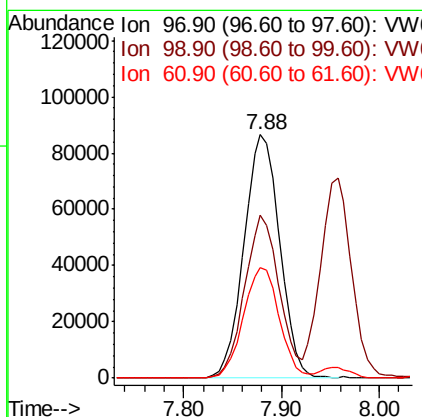
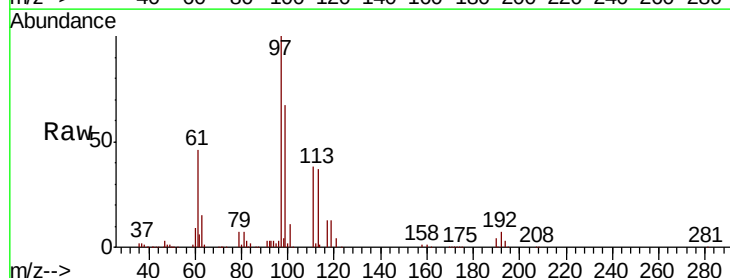
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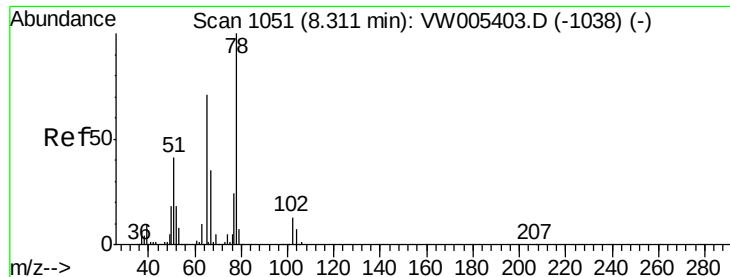
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#32
1,1,1-Trichloroethane
Concen: 47.86 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW005449.D
Acq: 17 Sep 2018 23:31

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.5	77.3
61	45.6	35.8	53.6





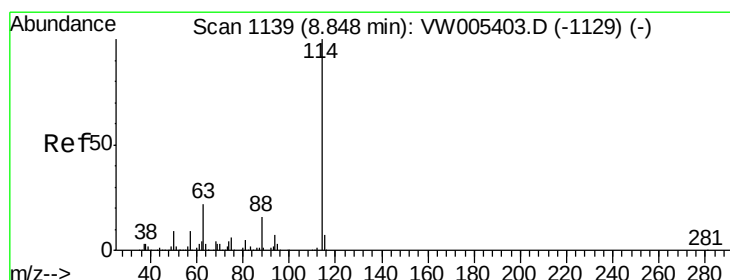
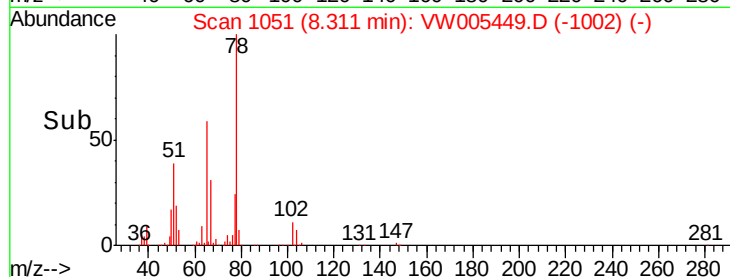
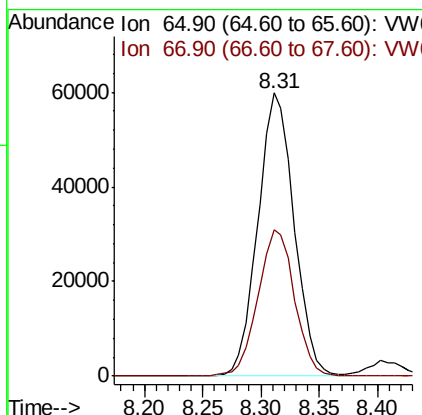
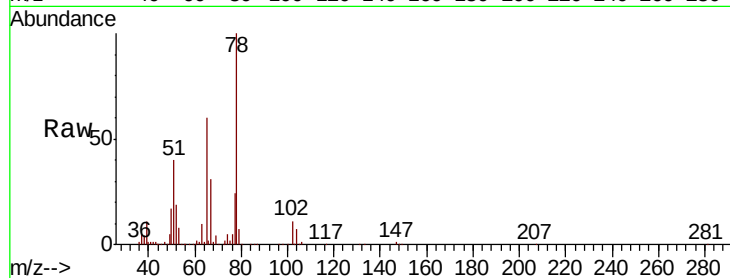
#33
 1,2-Dichloroethane-d4
 Concen: 44.95 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005449.D
 Acq: 17 Sep 2018 23:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.4	0.0	100.6	

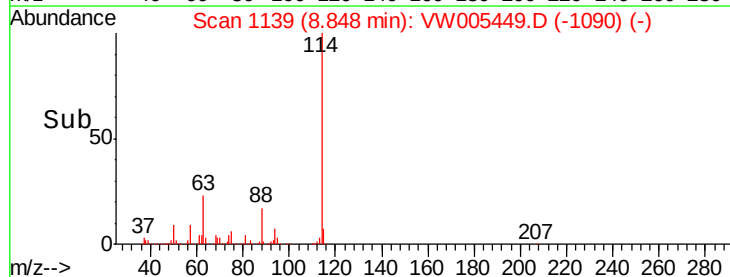
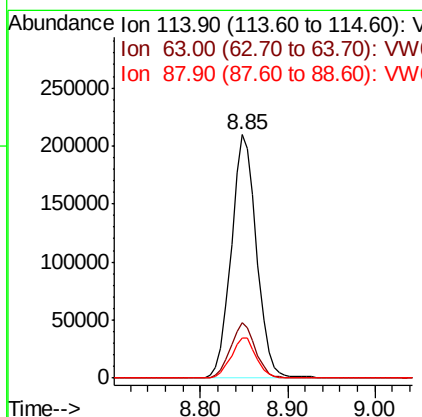
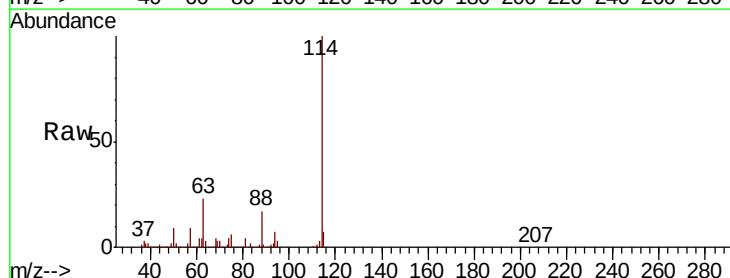
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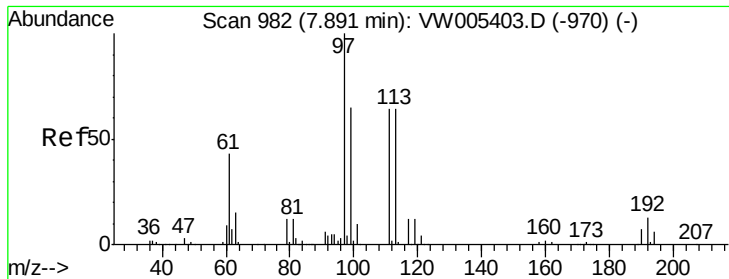
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005449.D
 Acq: 17 Sep 2018 23:31

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.7	0.0	43.4	
88	16.7	0.0	31.8	





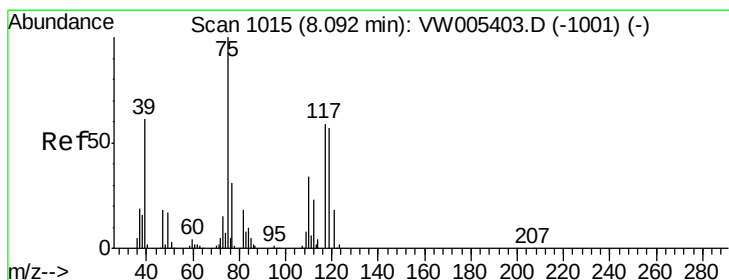
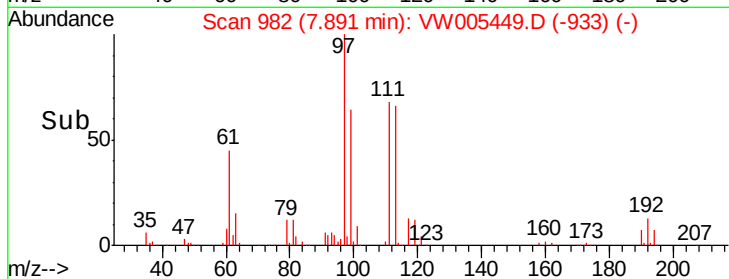
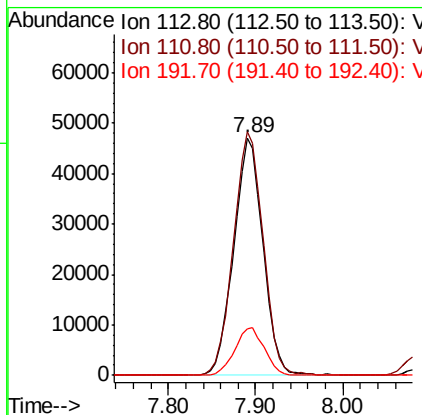
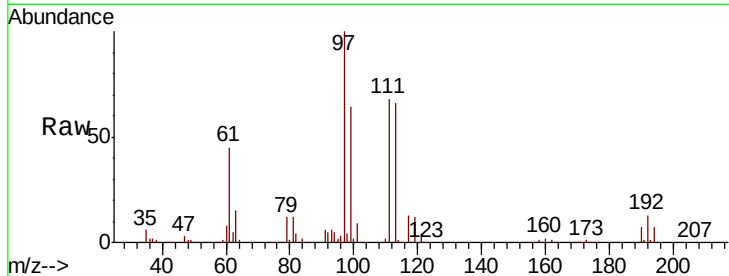
#35
 Dibromofluoromethane
 Concen: 46.09 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005449.D
 Acq: 17 Sep 2018 23:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	108903		
111	104.3	82.3	123.5	
192	20.4	16.5	24.7	

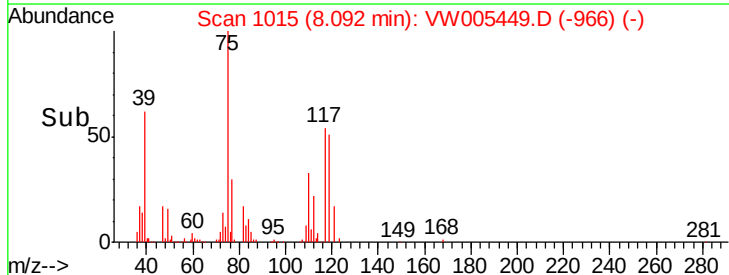
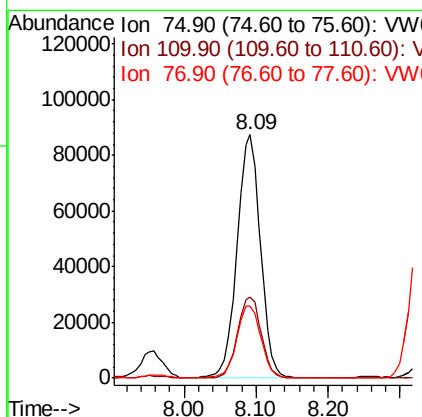
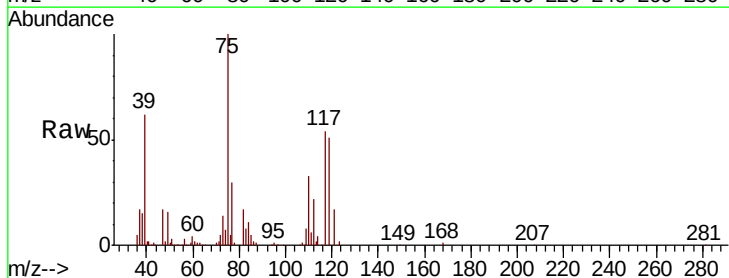
Manual Integrations
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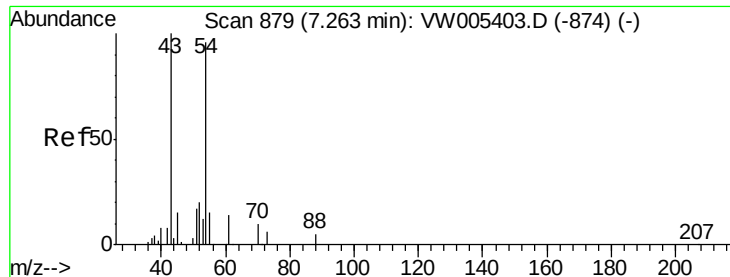
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#36
 1,1-Dichloropropene
 Concen: 49.21 ug/l
 RT: 8.09 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VW005449.D
 Acq: 17 Sep 2018 23:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	196250		
110	33.8	16.8	50.4	
77	31.1	24.2	36.4	





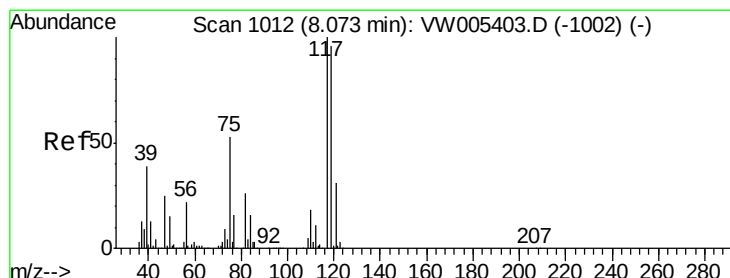
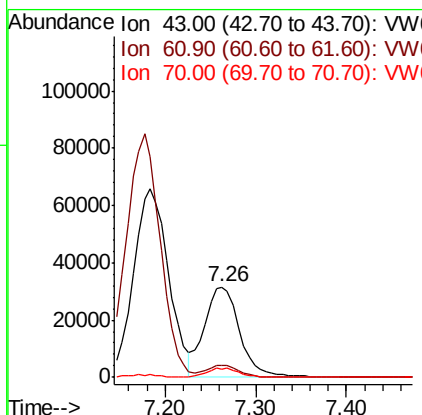
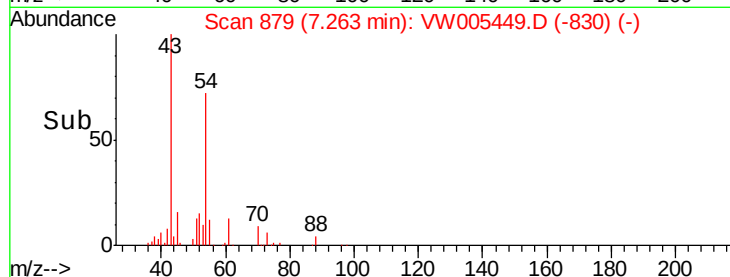
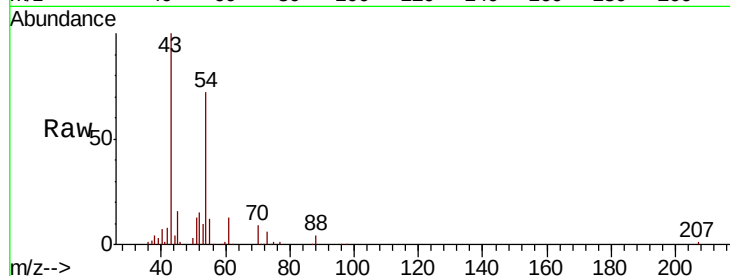
#37
Ethyl Acetate
Concen: 52.53 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: VW005449.D
Acq: 17 Sep 2018 23:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	85187
Ion	Ratio	Lower	Upper
43	100		
61	12.3	11.3	16.9
70	9.7	8.2	12.4

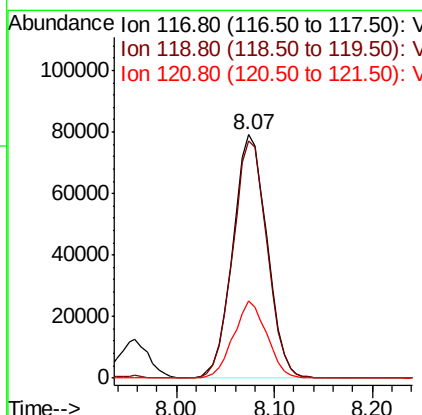
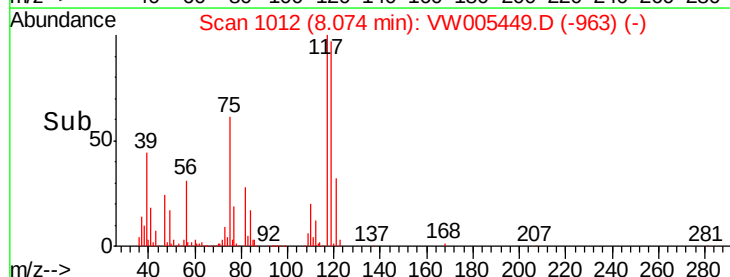
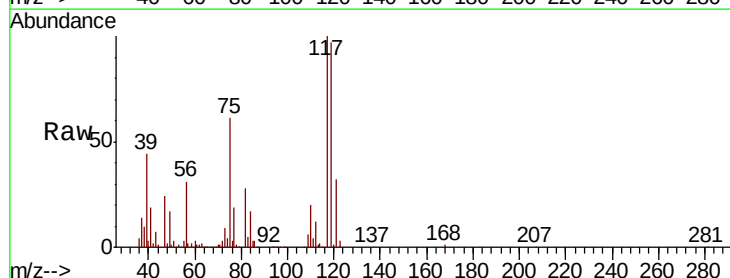
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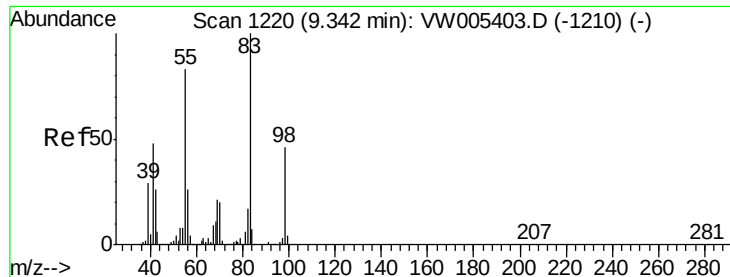
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#38
Carbon Tetrachloride
Concen: 46.07 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW005449.D
Acq: 17 Sep 2018 23:31

Tgt Ion:	117	Resp:	191453
Ion	Ratio	Lower	Upper
117	100		
119	97.4	76.8	115.2
121	31.6	24.7	37.1





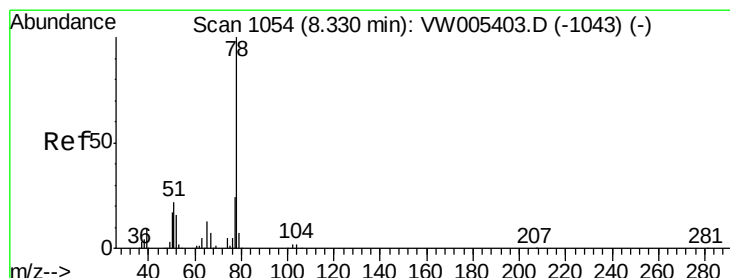
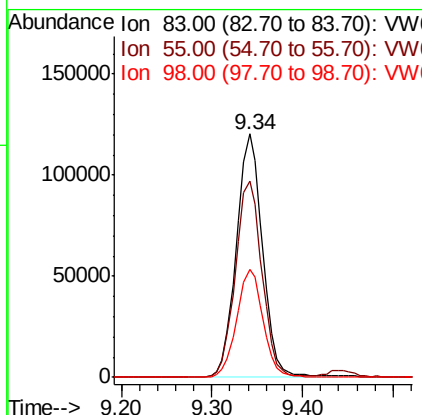
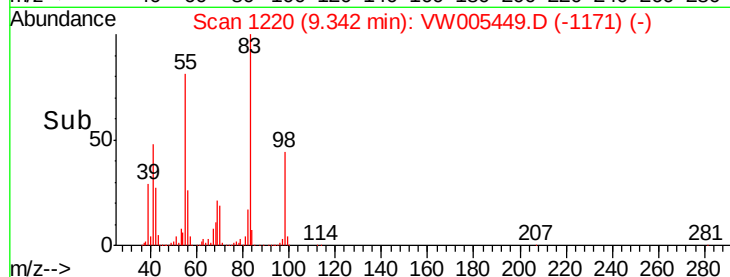
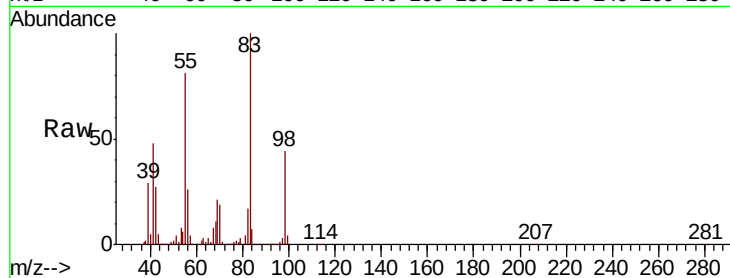
#39
Methylvlcyclohexane
Concen: 52.09 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW005449.D
Acq: 17 Sep 2018 23:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	241351		
55	80.6	66.1	99.1	
98	44.3	36.7	55.1	

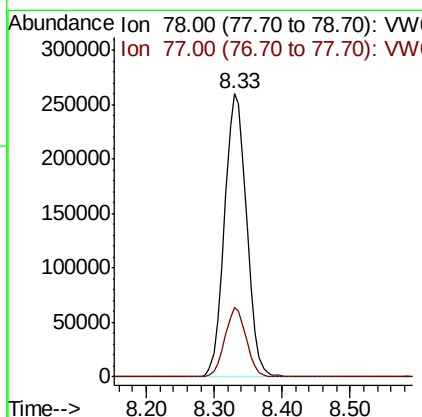
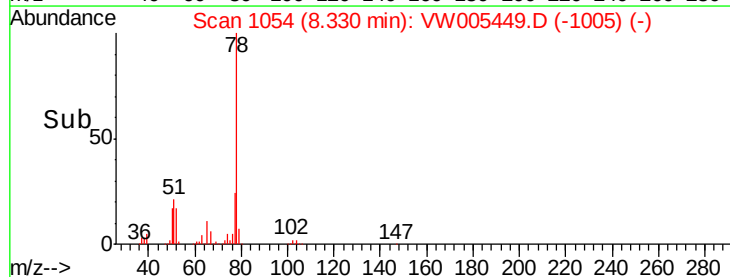
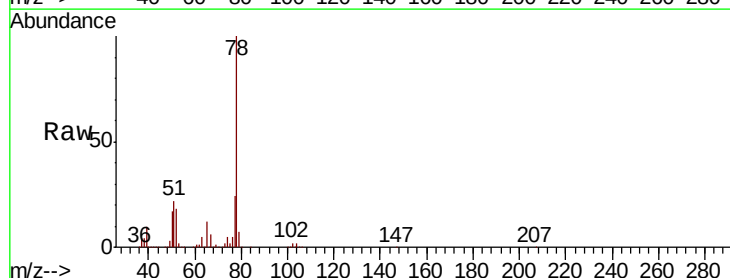
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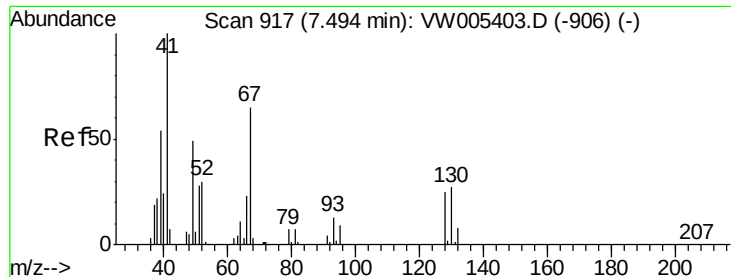
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#40
Benzene
Concen: 50.56 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW005449.D
Acq: 17 Sep 2018 23:31

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	584108		
77	24.4	19.3	28.9	





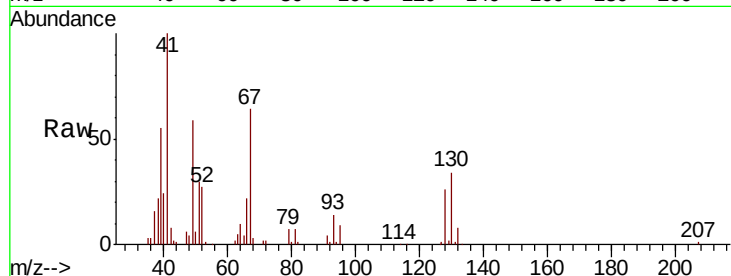
#41
Methacrylonitrile
Concen: 53.65 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.00 min
Lab File: VW005449.D
Acq: 17 Sep 2018 23:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		52494		
39	54.3	44.6	67.0		
67	63.2	53.6	80.4		
52	28.2	24.9	37.3		

Manual Integrations
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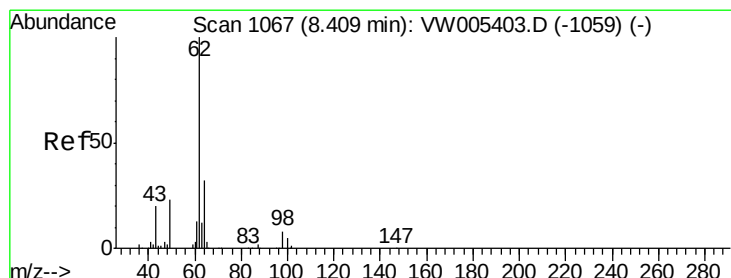
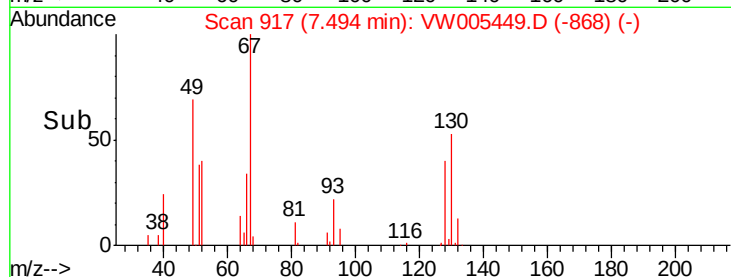
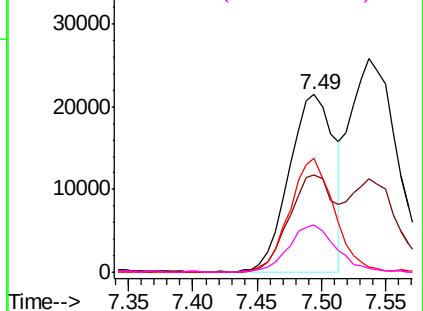
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

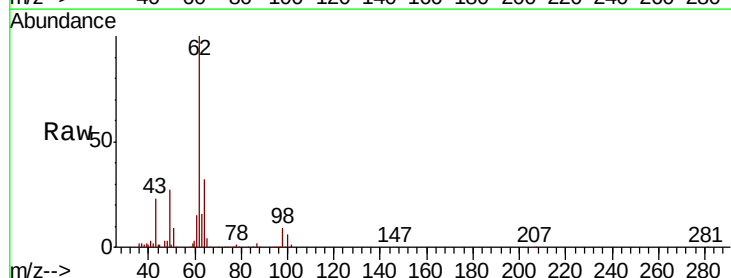
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 46.12 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VW005449.D
Acq: 17 Sep 2018 23:31

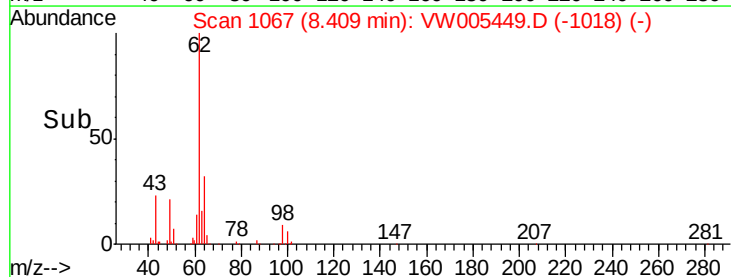
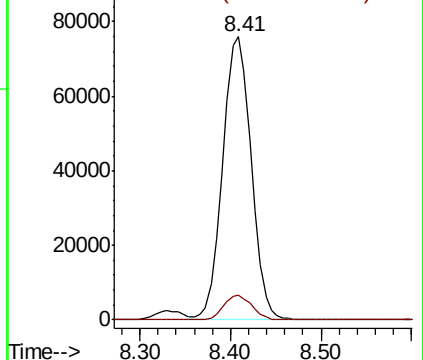
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		166746		
98	8.6	0.0	15.6		

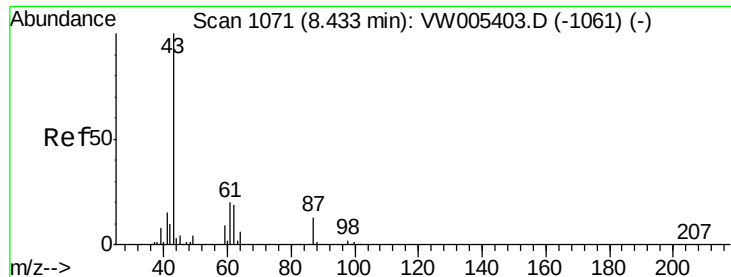


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 52.19 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.00 min

Lab File: VW005449.D

Acq: 17 Sep 2018 23:31

Instrument :

MSVOA_W

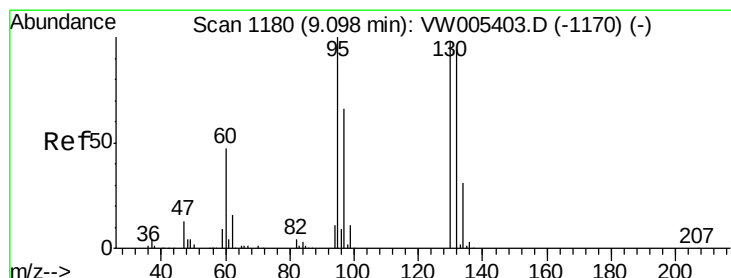
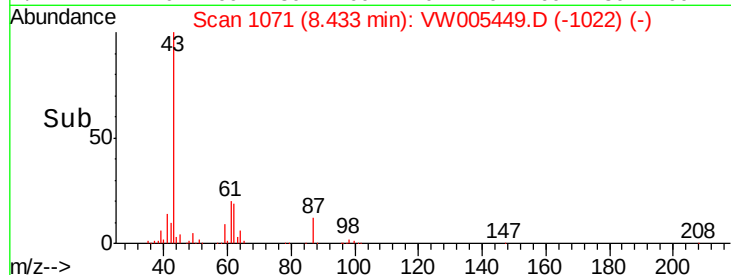
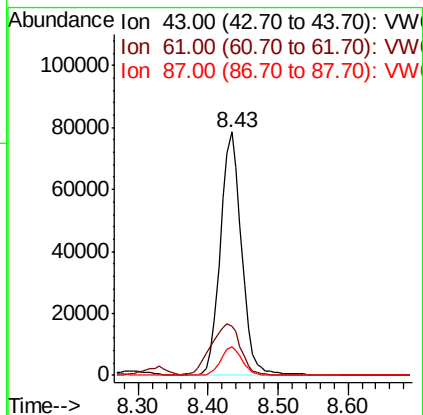
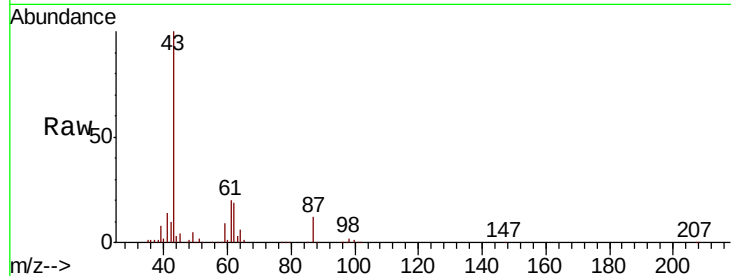
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	165164
Ion	Ratio	Lower	Upper
43	100		
61	29.2	23.8	35.6
87	11.7	10.1	15.1

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#44

Trichloroethene

Concen: 48.58 ug/l

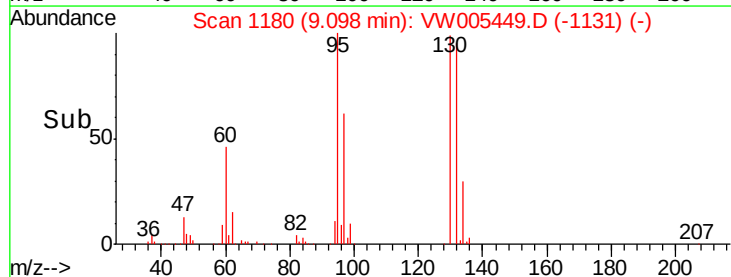
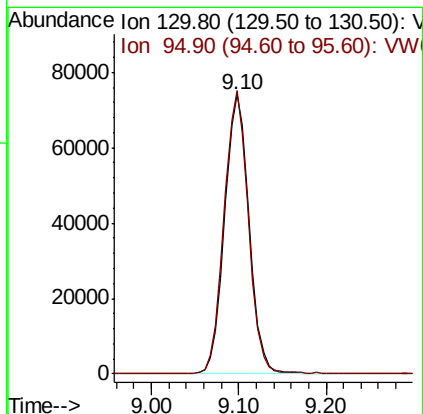
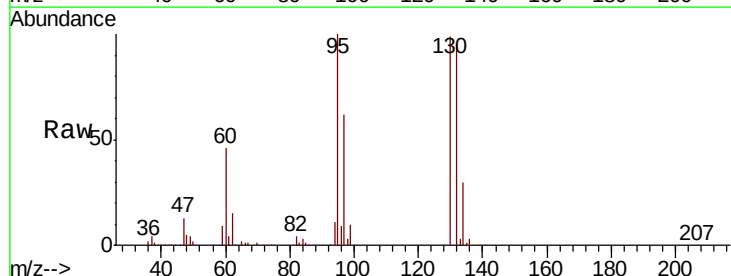
RT: 9.10 min Scan# 1180

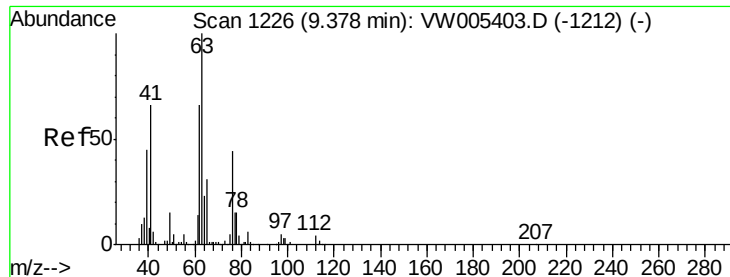
Delta R.T. 0.00 min

Lab File: VW005449.D

Acq: 17 Sep 2018 23:31

Tgt Ion:	130	Resp:	144454
Ion	Ratio	Lower	Upper
130	100		
95	101.3	0.0	204.6





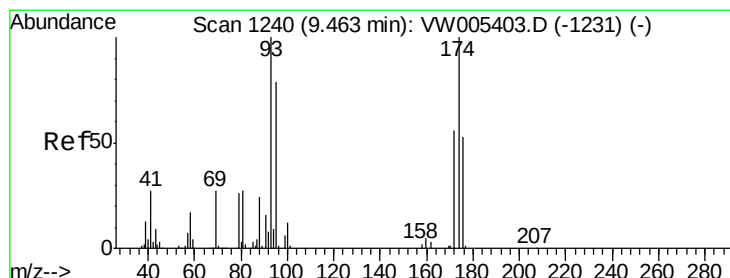
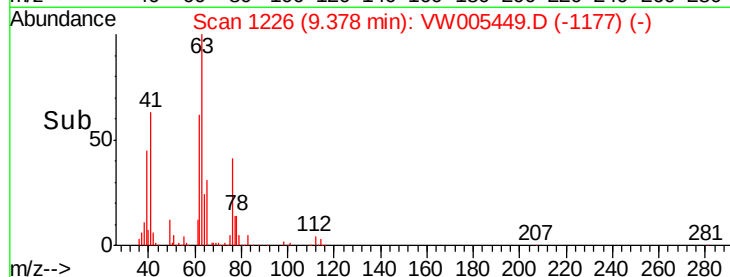
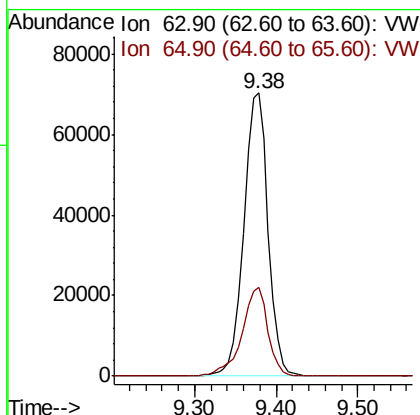
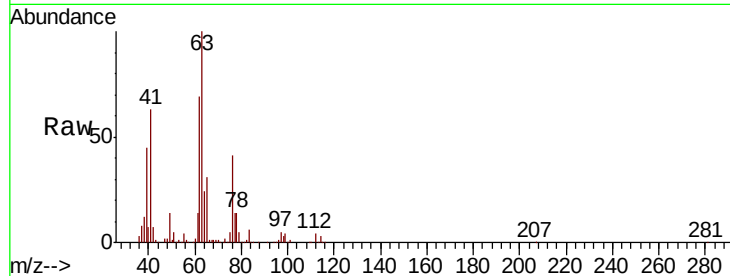
#45
 1,2-Dichloropropane
 Concen: 52.38 ug/l
 RT: 9.38 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: VW005449.D
 Acq: 17 Sep 2018 23:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	25.0	37.6

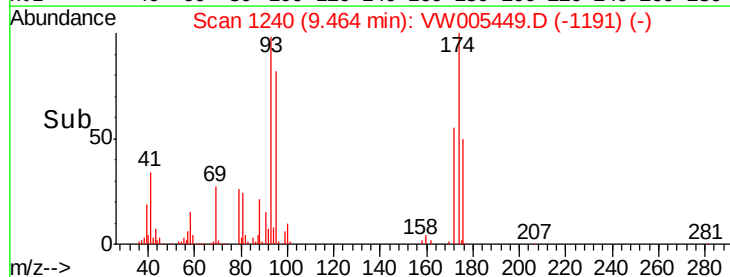
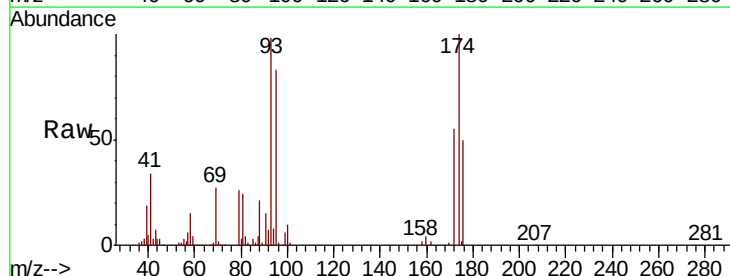
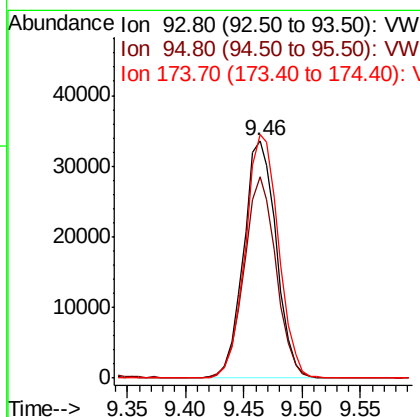
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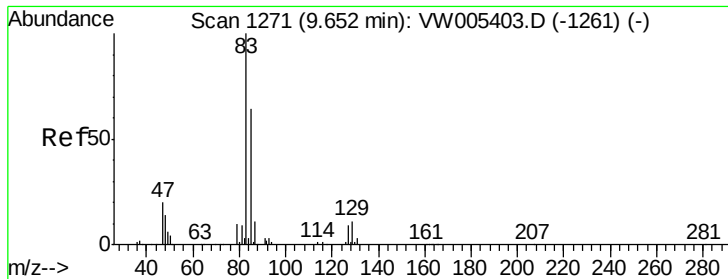
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#46
 Dibromomethane
 Concen: 48.30 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW005449.D
 Acq: 17 Sep 2018 23:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.3	65.4	98.0
174	104.4	83.4	125.2





#47

Bromodichloromethane

Concen: 49.24 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VW005449.D

Acq: 17 Sep 2018 23:31

Instrument :

MSVOA_W

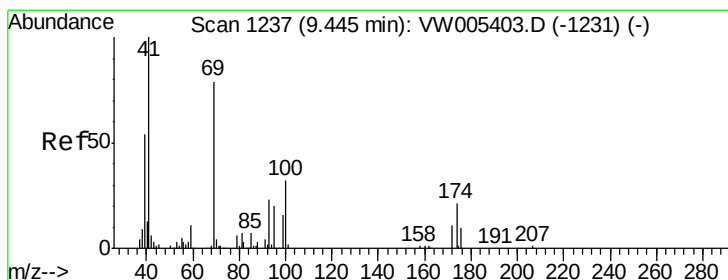
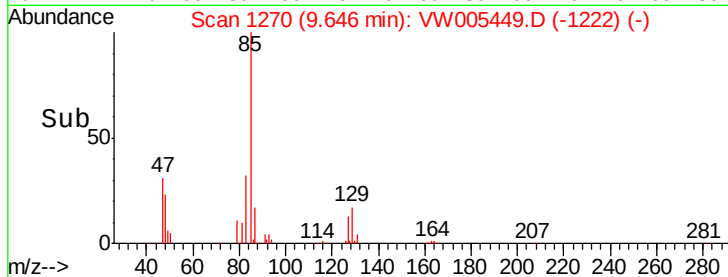
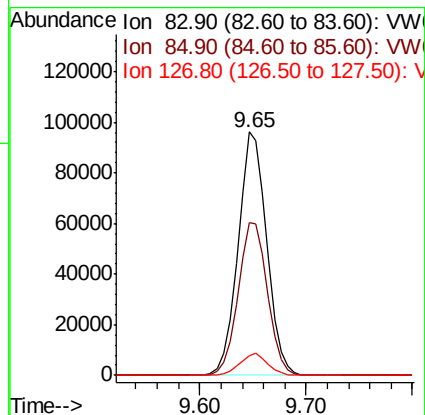
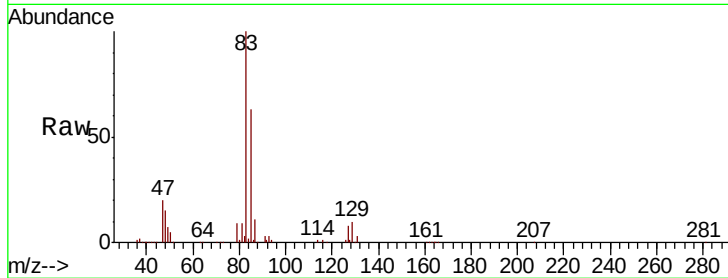
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	181115
Ion Ratio	Lower	Upper	
83	100		
85	62.8	50.9	76.3
127	7.9	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.76 ug/l

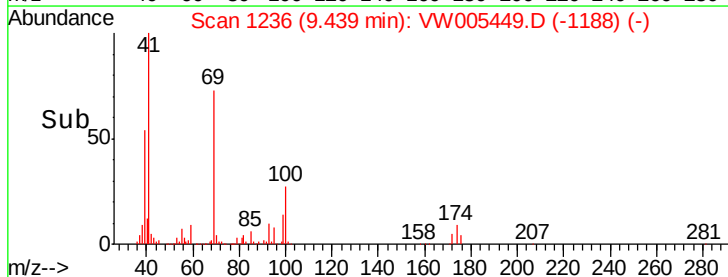
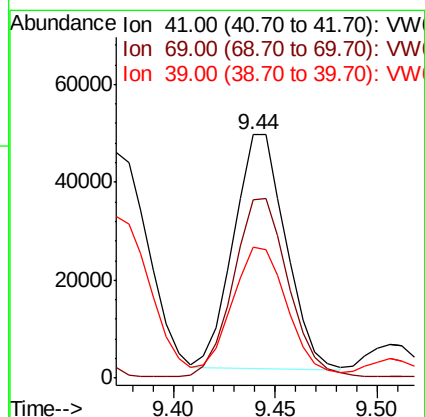
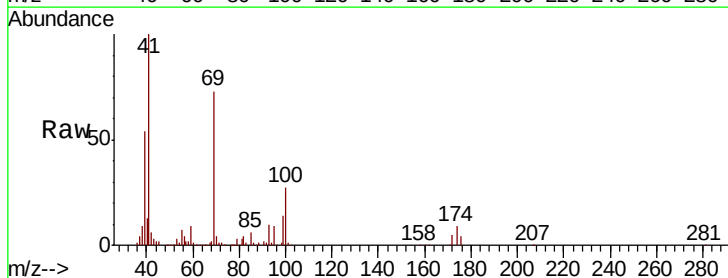
RT: 9.44 min Scan# 1236

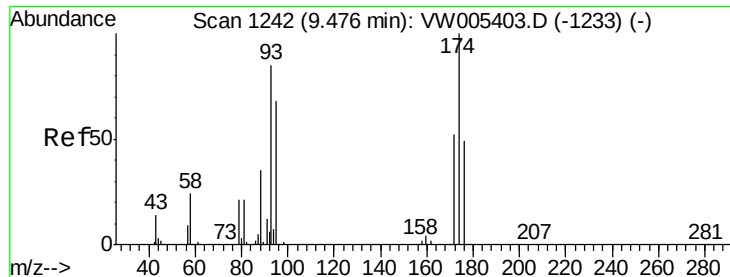
Delta R.T. -0.01 min

Lab File: VW005449.D

Acq: 17 Sep 2018 23:31

Tgt Ion:	41	Resp:	84917
Ion Ratio	Lower	Upper	
41	100		
69	81.7	67.5	101.3
39	55.2	45.5	68.3





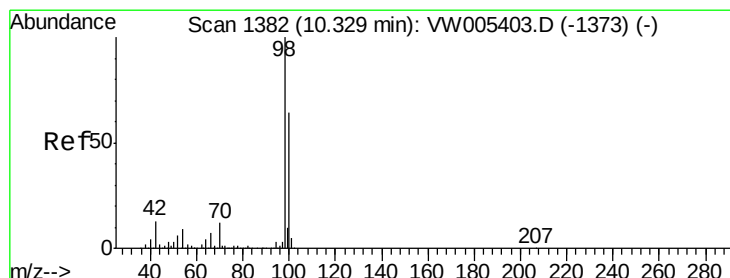
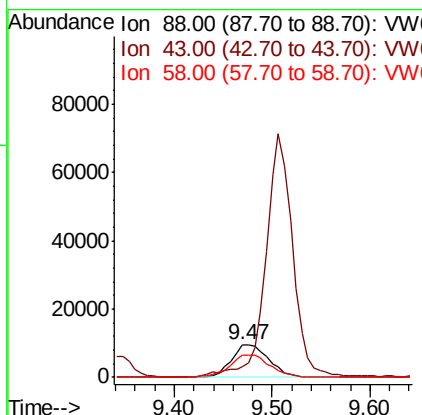
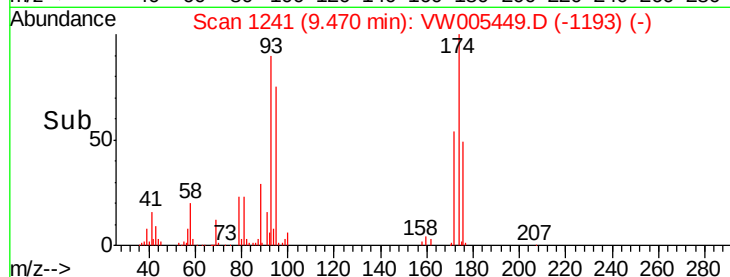
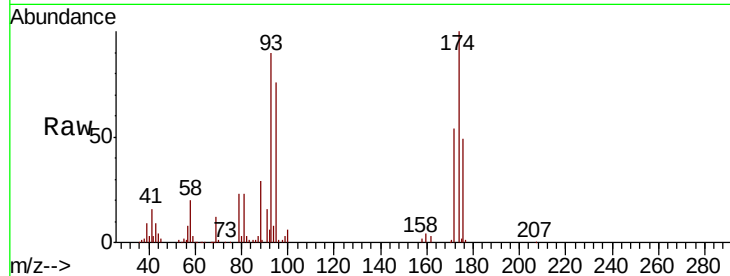
#49
1,4-Dioxane
Concen: 1112.60 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VW005449.D
Acq: 17 Sep 2018 23:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	25177
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	74.9	62.4	93.6

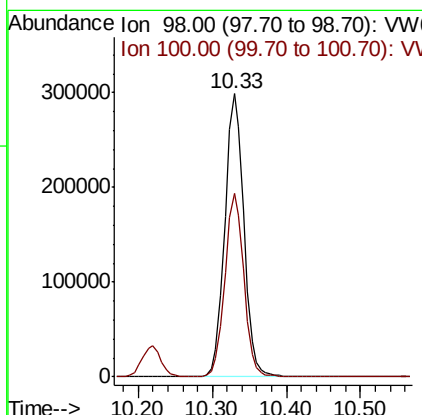
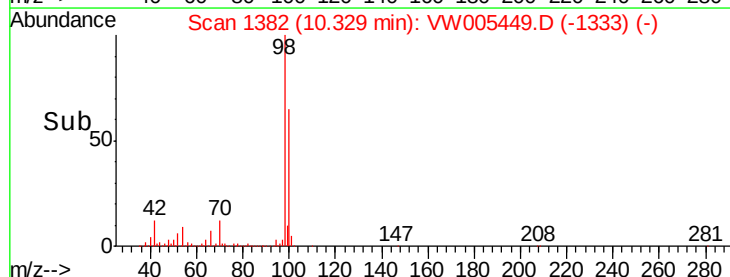
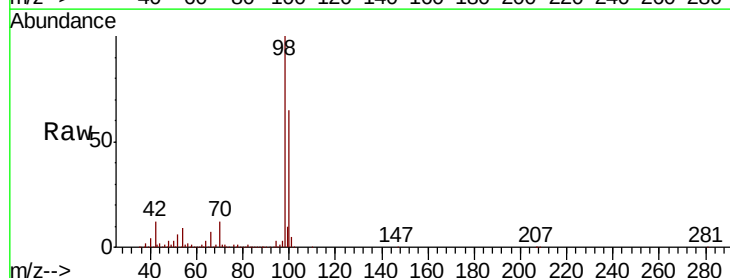
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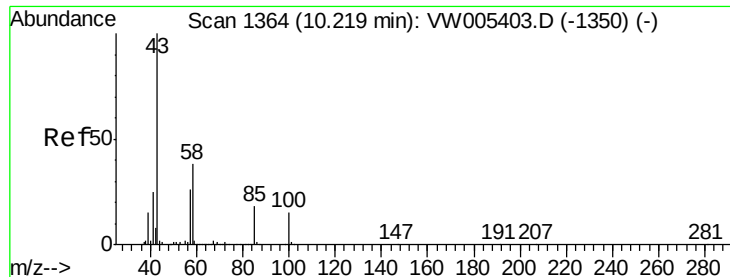
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#50
Toluene-d8
Concen: 49.31 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW005449.D
Acq: 17 Sep 2018 23:31

Tgt Ion	98	Resp	533477
Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 270.52 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.01 min

Lab File: VW005449.D

Acq: 17 Sep 2018 23:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 440751

Ion Ratio Lower Upper

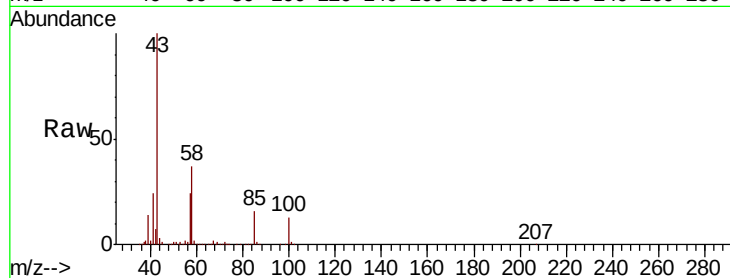
43 100

58 36.8 29.9 44.9

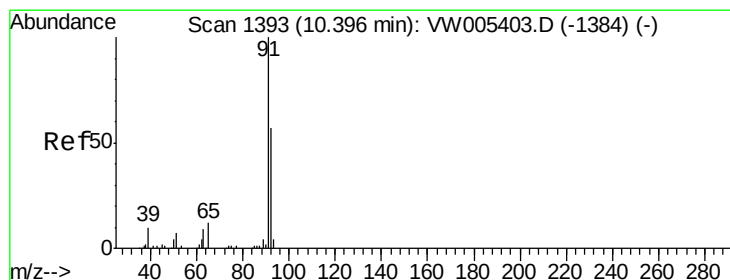
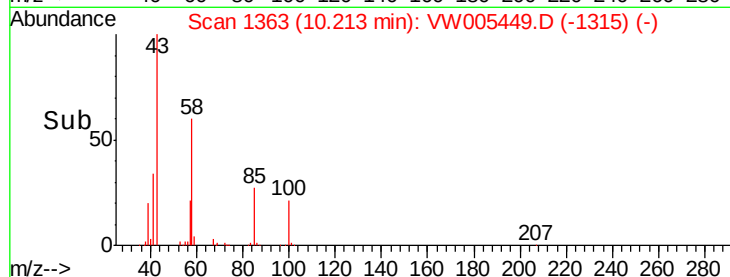
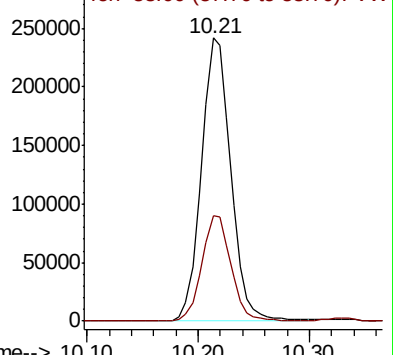
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Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 51.64 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW005449.D

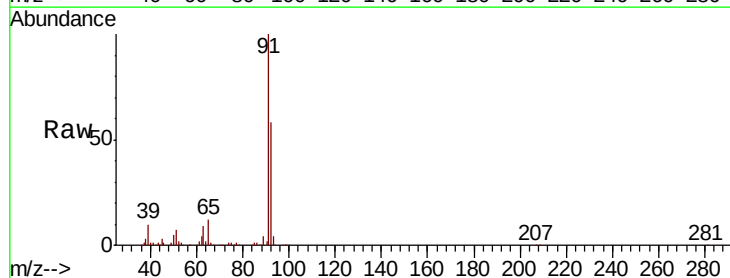
Acq: 17 Sep 2018 23:31

Tgt Ion: 92 Resp: 403985

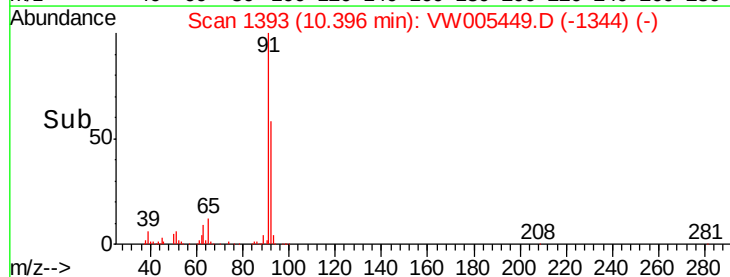
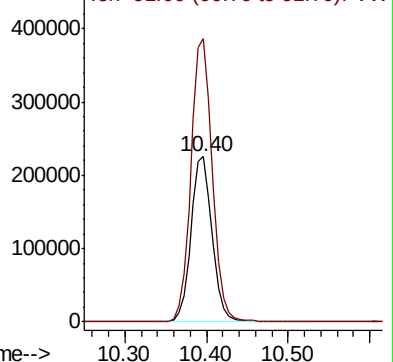
Ion Ratio Lower Upper

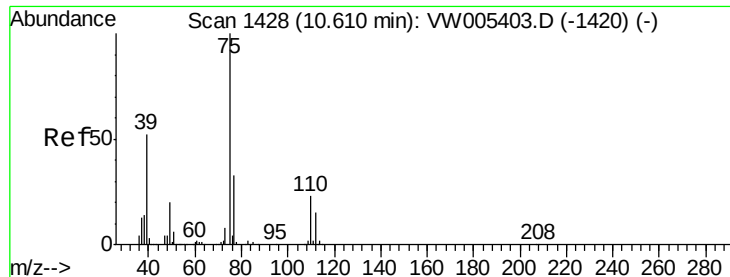
92 100

91 173.5 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VW
Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 50.76 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW005449.D

Acq: 17 Sep 2018 23:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 186870

Ion Ratio Lower Upper

75 100

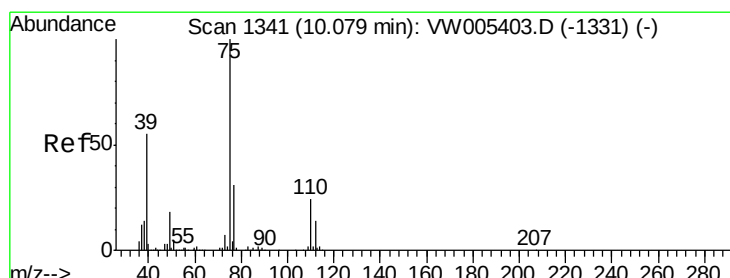
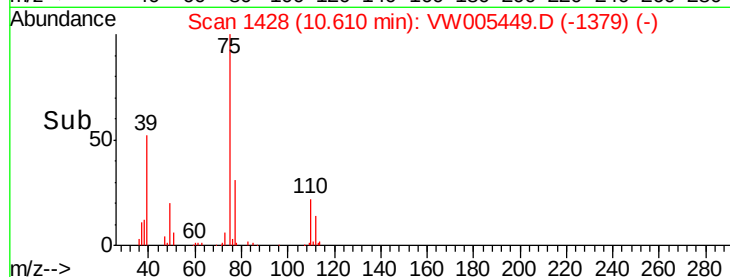
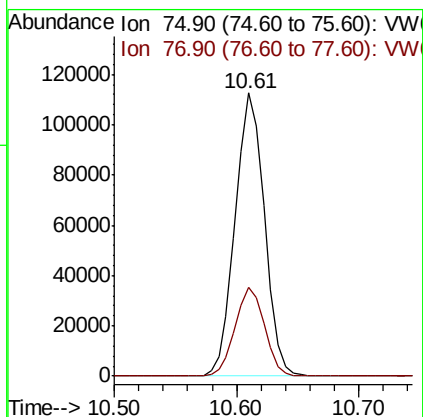
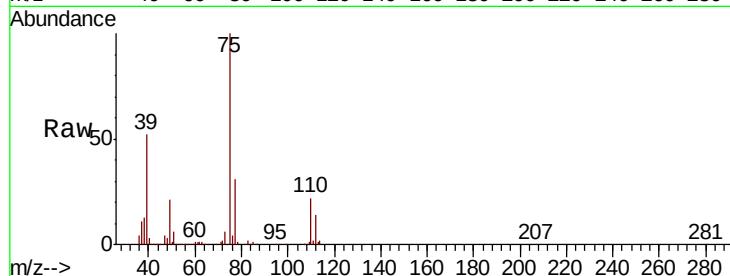
77 31.4 26.5 39.7

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#54

cis-1,3-Dichloropropene

Concen: 52.23 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VW005449.D

Acq: 17 Sep 2018 23:31

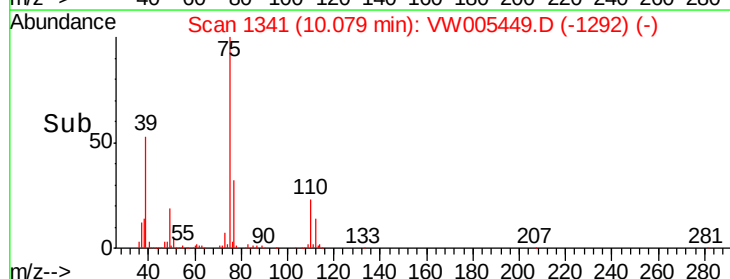
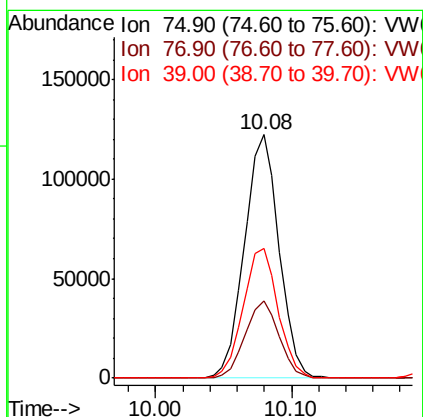
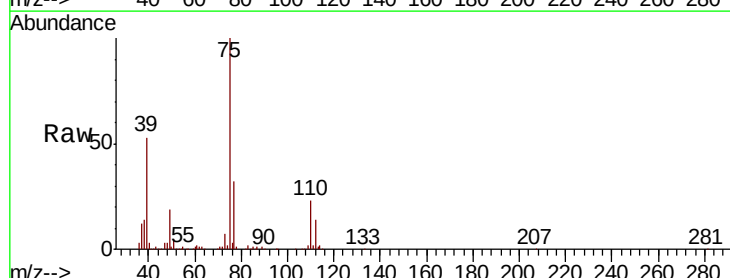
Tgt Ion: 75 Resp: 217713

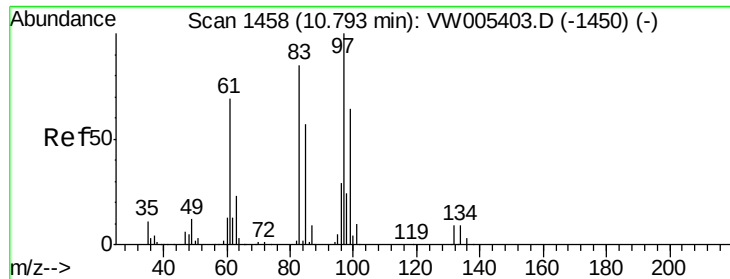
Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.4

39 53.2 44.2 66.2





#55

1,1,2-Trichloroethane

Concen: 48.37 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. 0.00 min

Lab File: VW005449.D

Acq: 17 Sep 2018 23:31

Instrument :

MSVOA_W

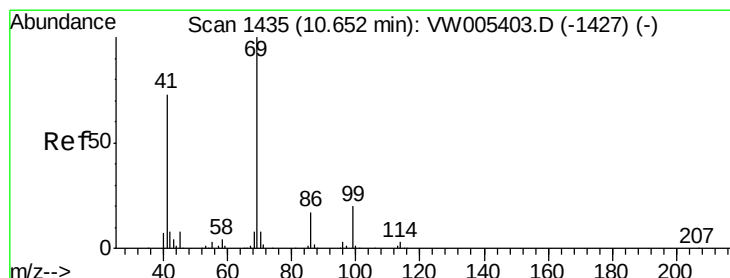
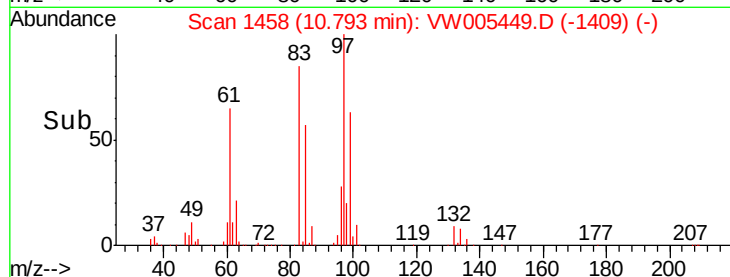
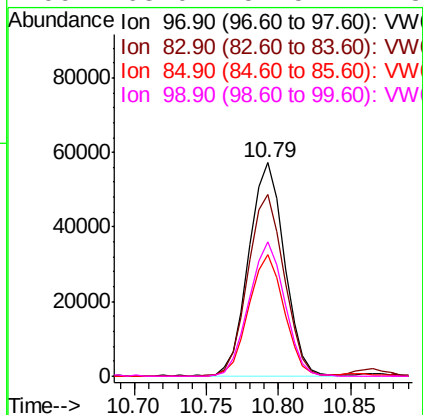
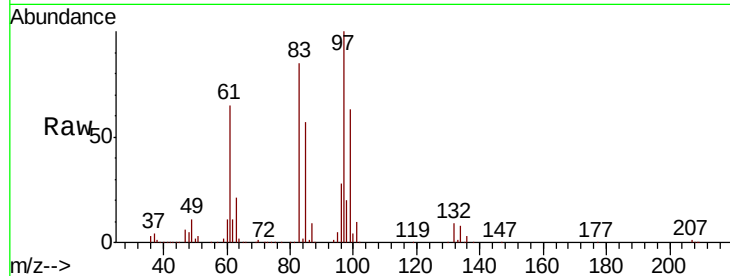
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	97605
Ion	Ratio	Lower	Upper
97	100		
83	85.5	67.8	101.8
85	56.8	45.4	68.0
99	63.0	51.5	77.3

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#56

Ethyl methacrylate

Concen: 54.66 ug/l

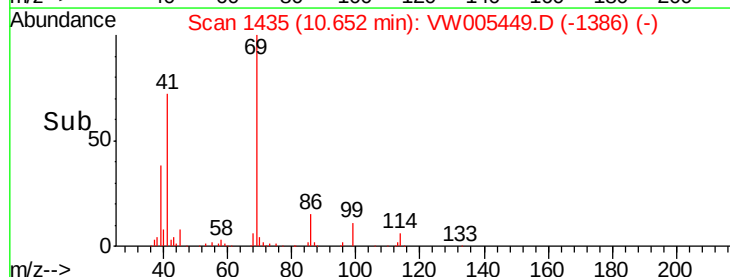
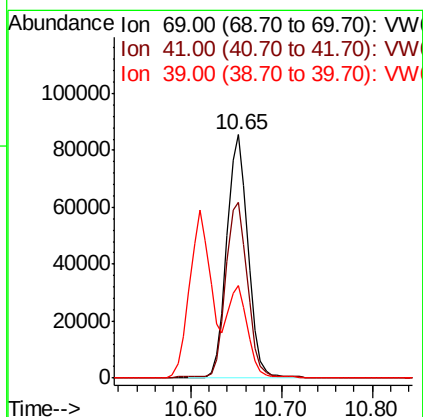
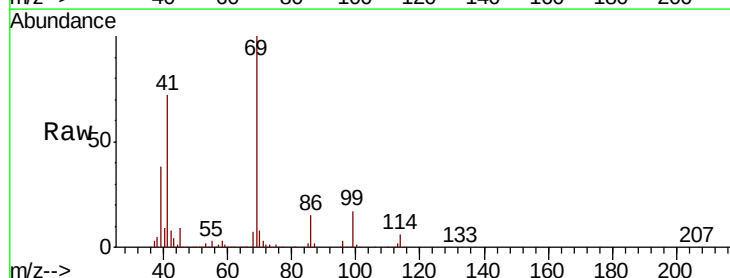
RT: 10.65 min Scan# 1435

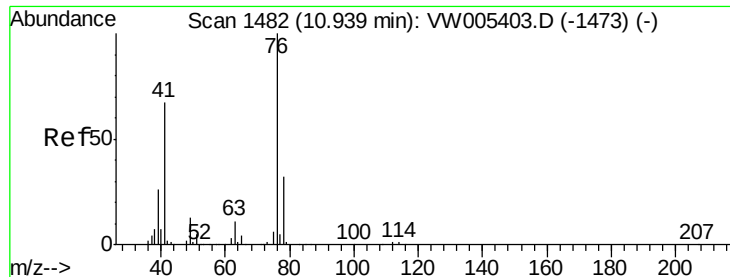
Delta R.T. 0.00 min

Lab File: VW005449.D

Acq: 17 Sep 2018 23:31

Tgt Ion:	69	Resp:	139602
Ion	Ratio	Lower	Upper
69	100		
41	73.7	59.3	88.9
39	35.1	30.2	45.4





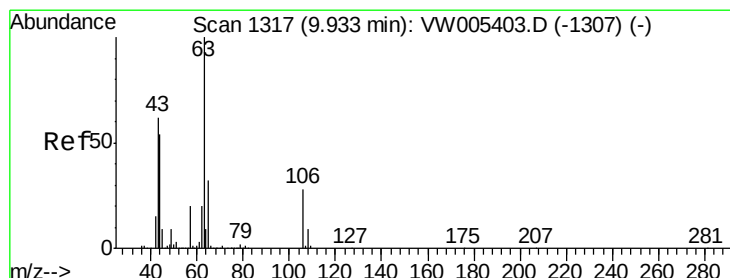
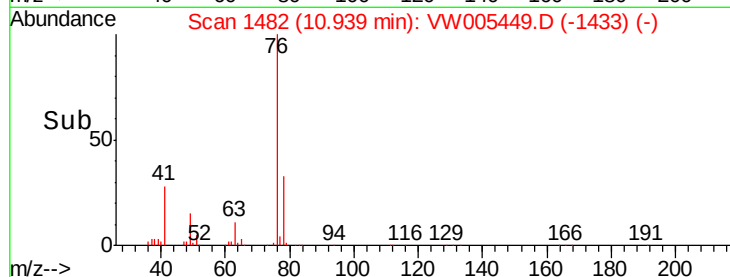
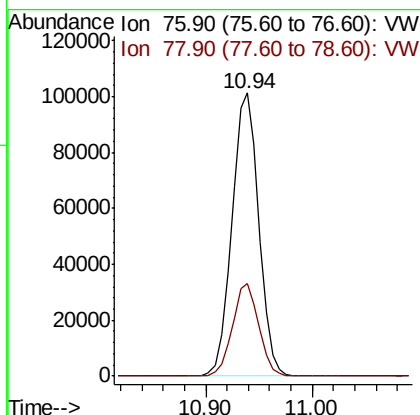
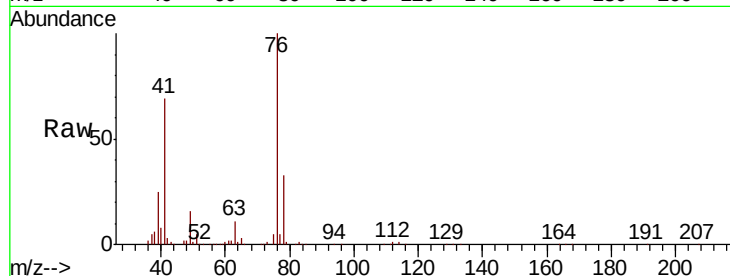
#57
 1,3-Dichloropropane
 Concen: 51.18 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: VW005449.D
 Acq: 17 Sep 2018 23:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 178271
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.6 38.4

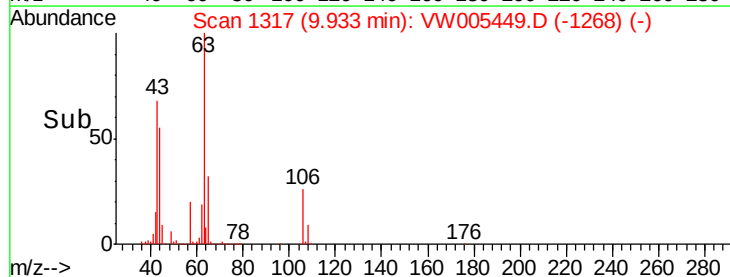
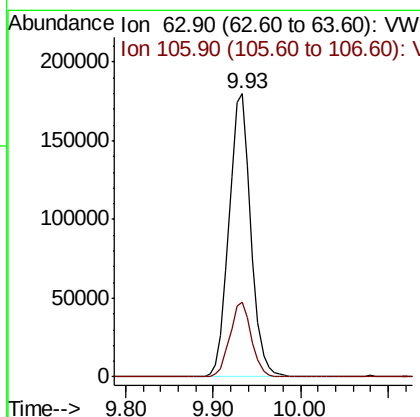
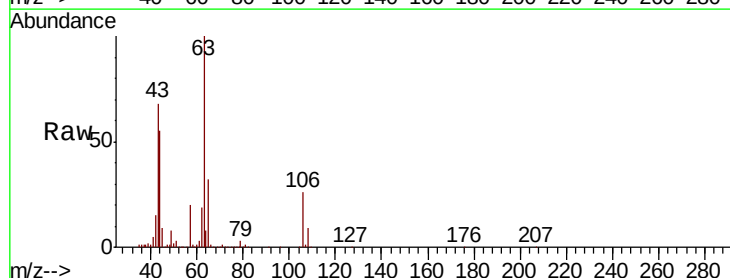
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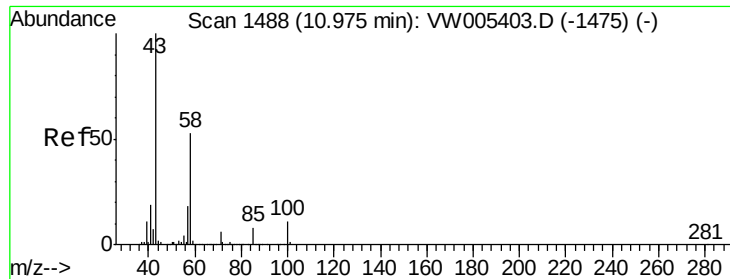
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#58
 2-Chloroethyl Vinyl ether
 Concen: 270.60 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VW005449.D
 Acq: 17 Sep 2018 23:31

Tgt Ion: 63 Resp: 312602
 Ion Ratio Lower Upper
 63 100
 106 26.2 22.0 33.0





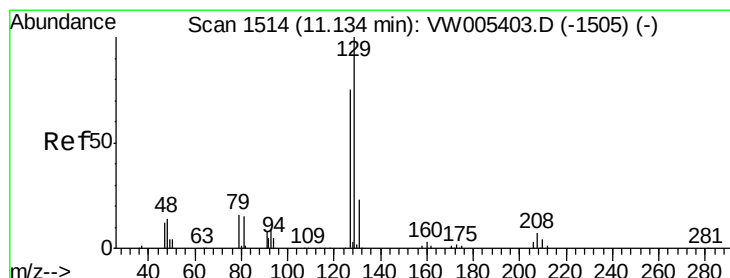
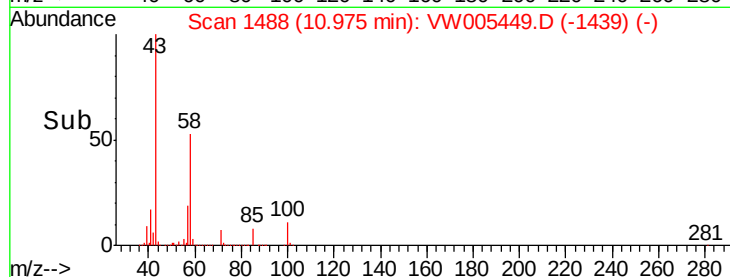
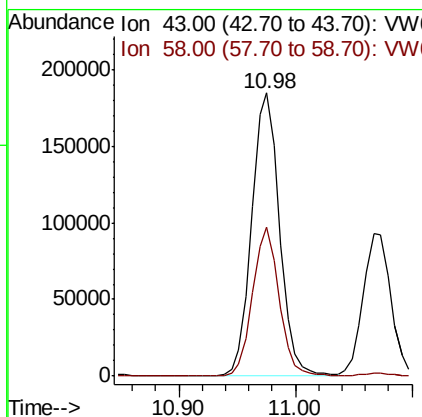
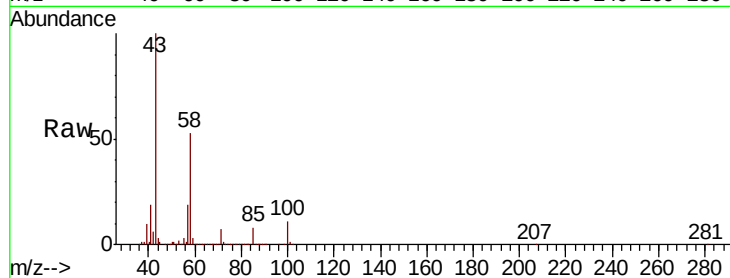
#59
2-Hexanone
Concen: 277.85 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW005449.D
Acq: 17 Sep 2018 23:31

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	50.6	25.5	76.5

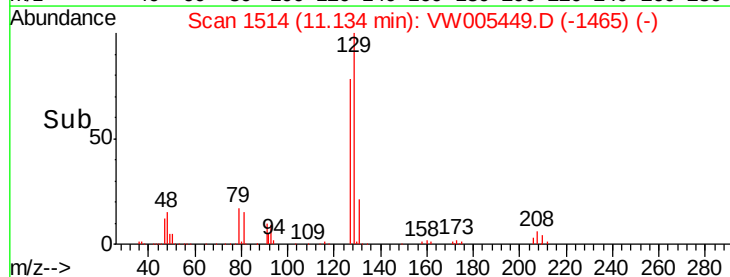
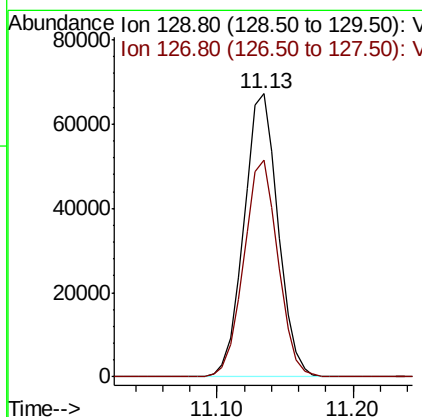
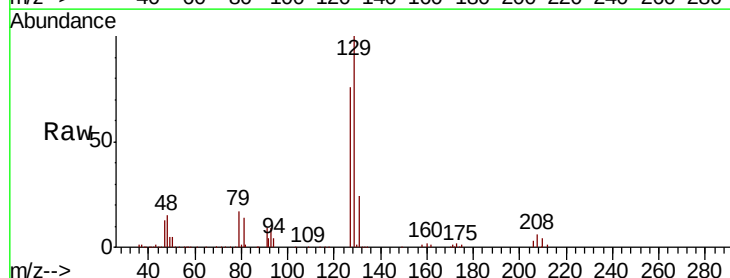
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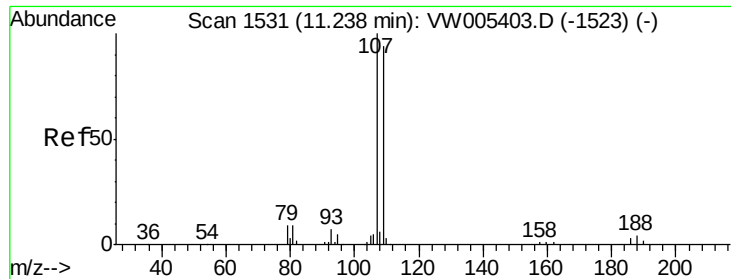
apatel
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#60
Dibromochloromethane
Concen: 48.60 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW005449.D
Acq: 17 Sep 2018 23:31

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.6	38.5	115.3





#61

1,2-Dibromoethane

Concen: 49.83 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW005449.D

Acq: 17 Sep 2018 23:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 90174

Ion Ratio Lower Upper

107 100

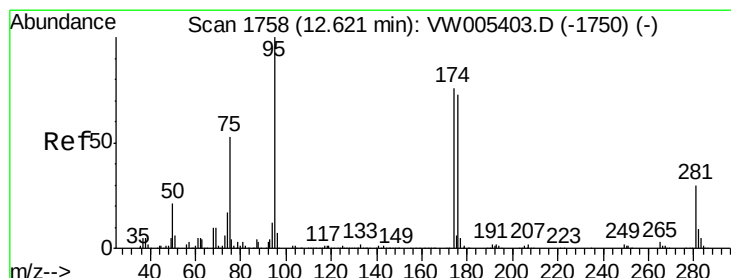
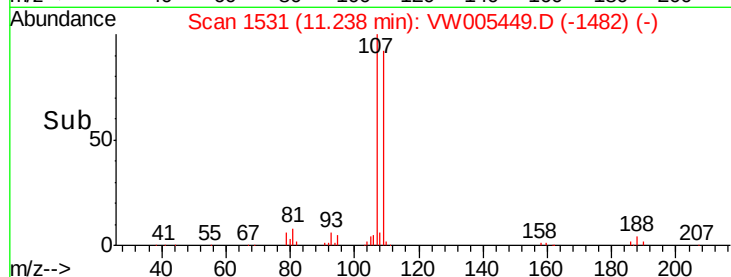
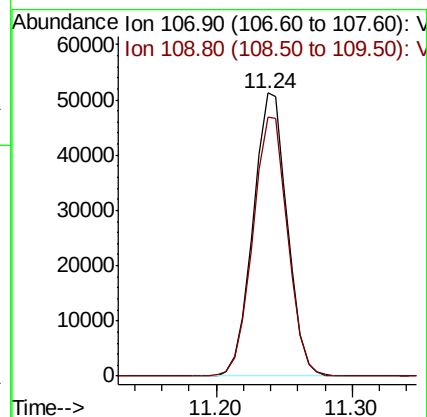
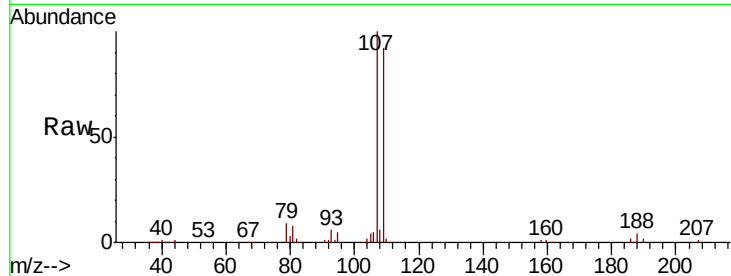
109 93.4 75.0 112.6

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#62

4-Bromofluorobenzene

Concen: 49.78 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW005449.D

Acq: 17 Sep 2018 23:31

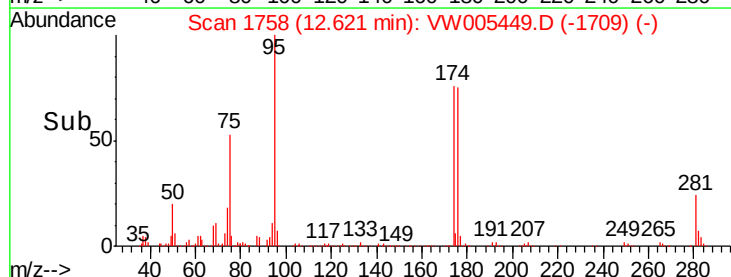
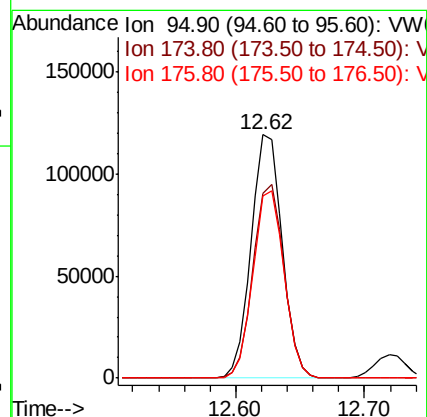
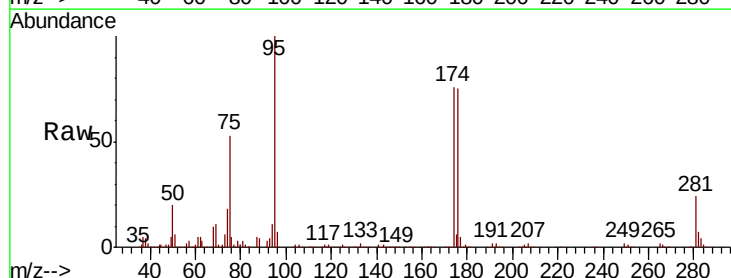
Tgt Ion: 95 Resp: 197467

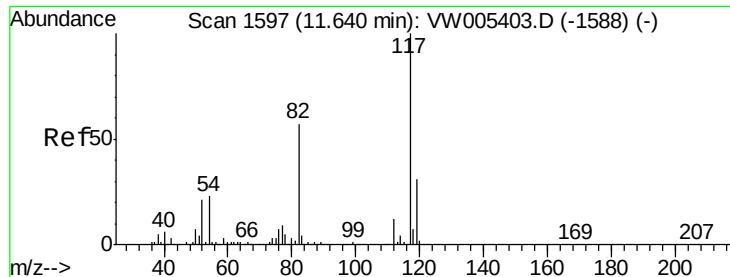
Ion Ratio Lower Upper

95 100

174 79.8 0.0 161.2

176 77.3 0.0 156.6





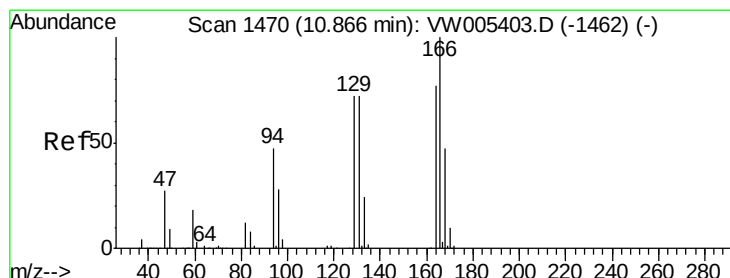
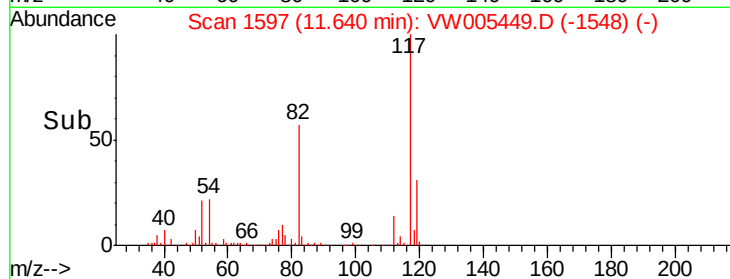
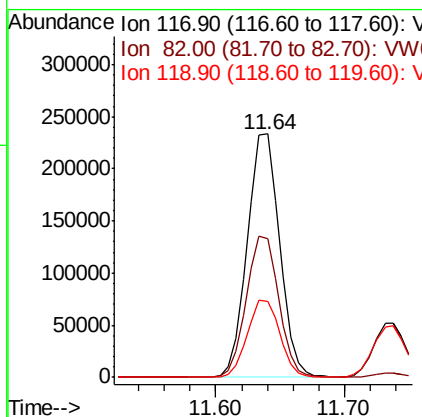
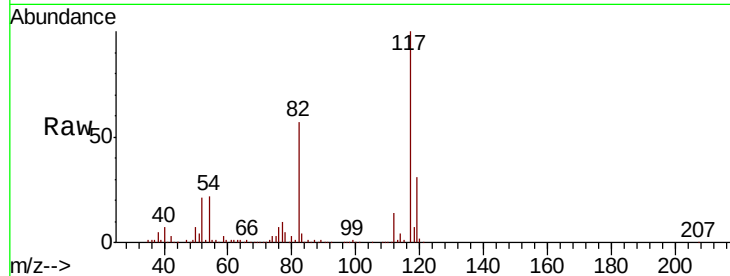
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005449.D
Acq: 17 Sep 2018 23:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	404411		
82	56.8		45.9	68.9
119	30.9		24.8	37.2

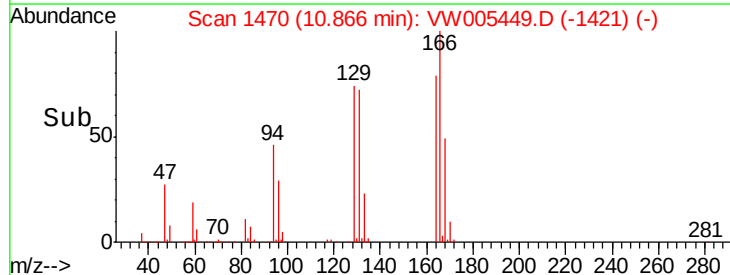
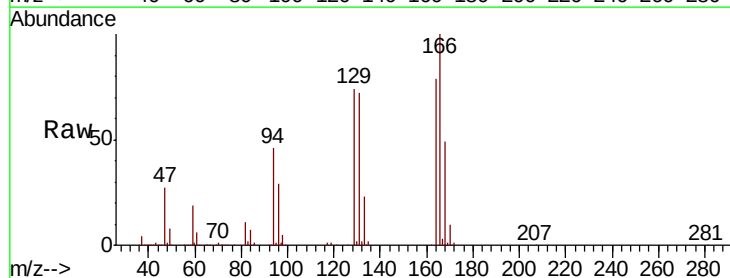
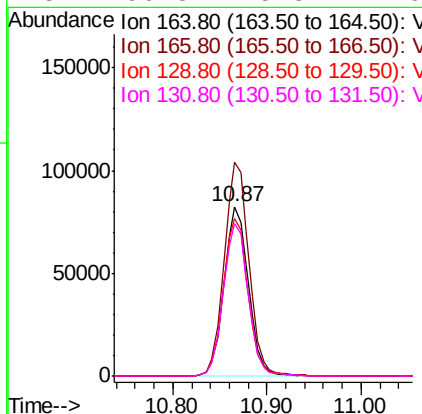
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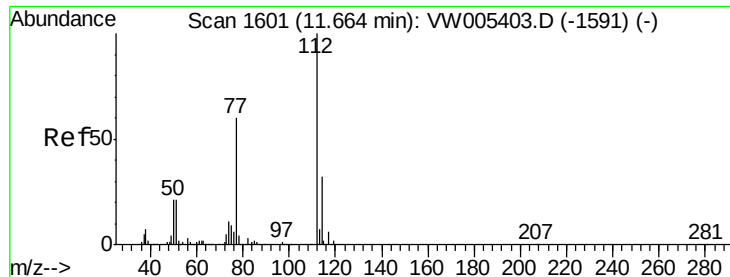
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#64
Tetrachloroethene
Concen: 49.30 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005449.D
Acq: 17 Sep 2018 23:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	147337		
166	126.1		104.0	156.0
129	93.1		74.9	112.3
131	90.3		75.3	112.9





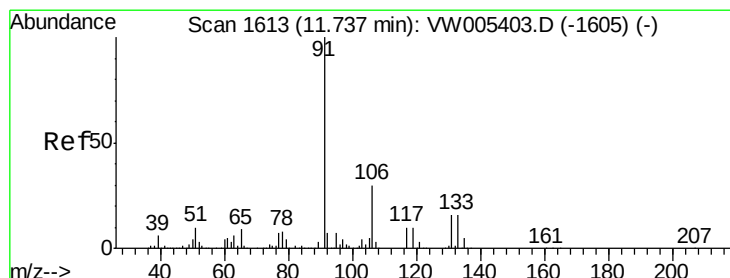
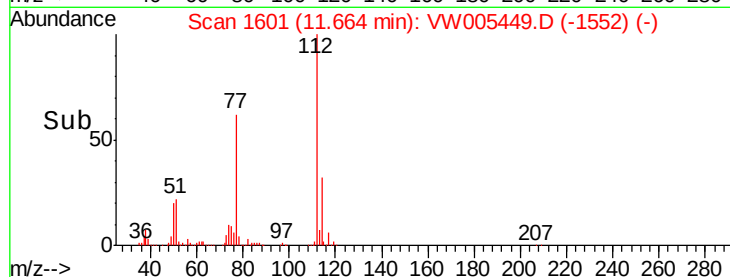
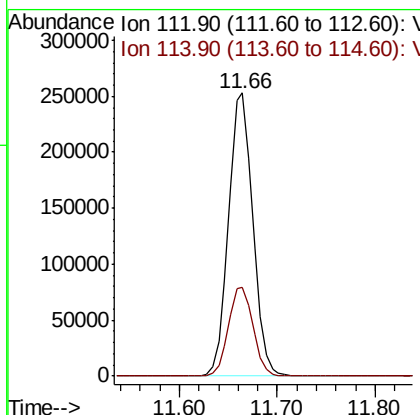
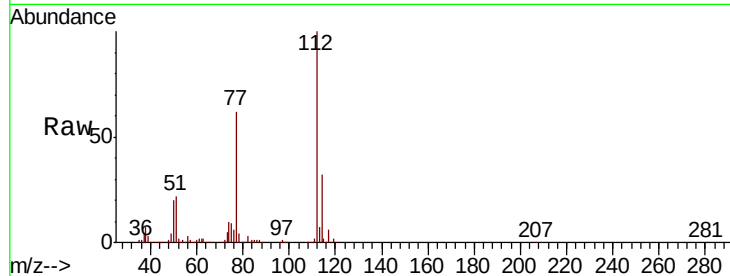
#65
Chlorobenzene
Concen: 50.75 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VW005449.D
Acq: 17 Sep 2018 23:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.3	37.9

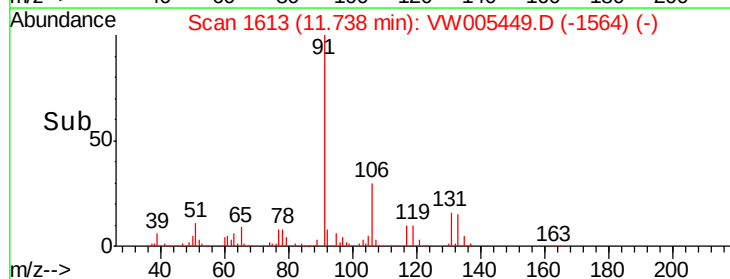
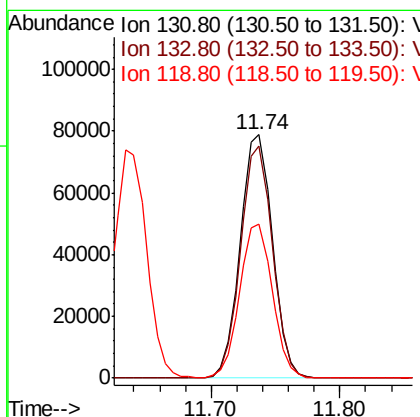
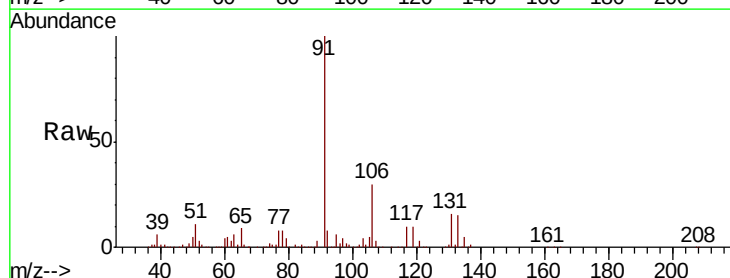
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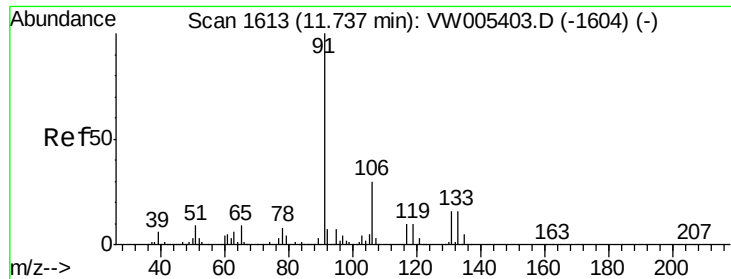
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.73 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005449.D
Acq: 17 Sep 2018 23:31

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.4	47.3	141.9
119	64.2	31.1	93.5





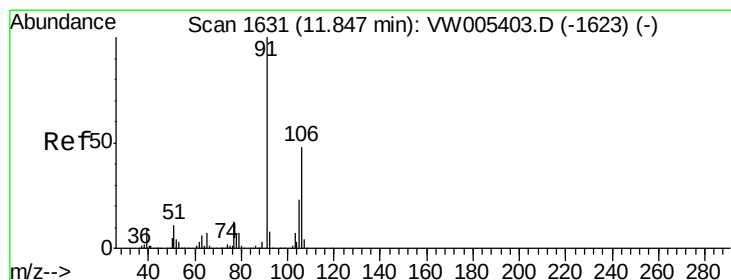
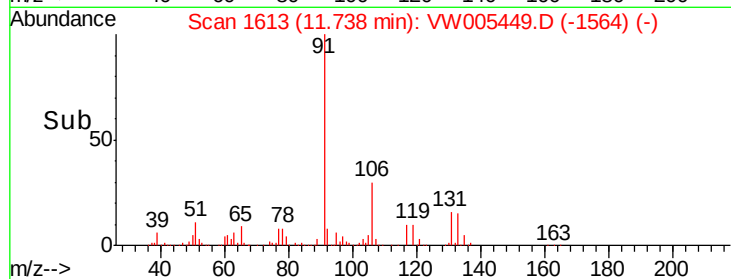
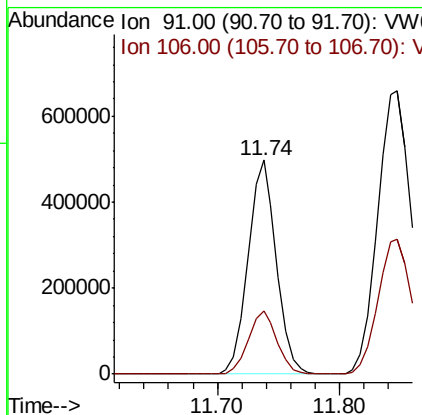
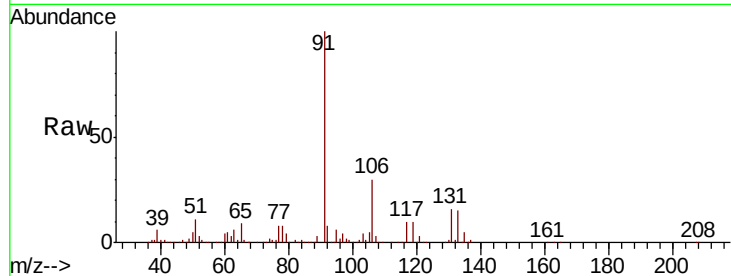
#67
Ethyl Benzene
Concen: 52.76 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005449.D
Acq: 17 Sep 2018 23:31

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 796332
Ion Ratio Lower Upper
91 100
106 29.8 24.2 36.4

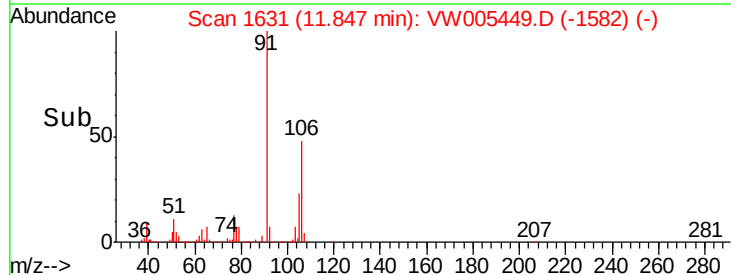
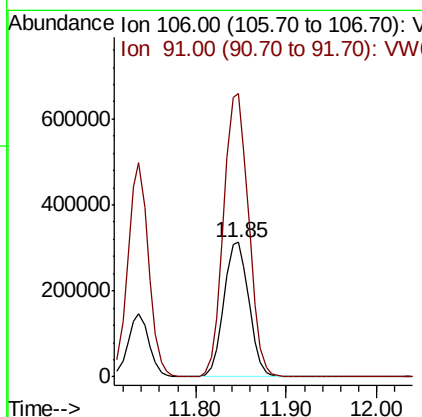
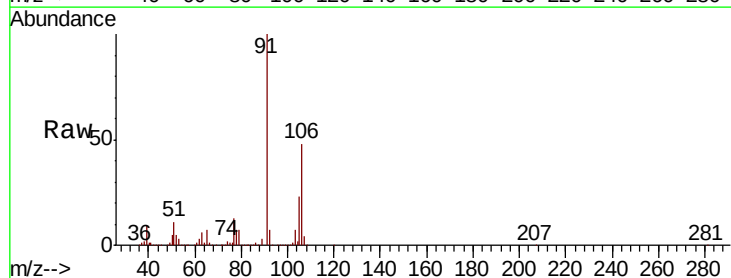
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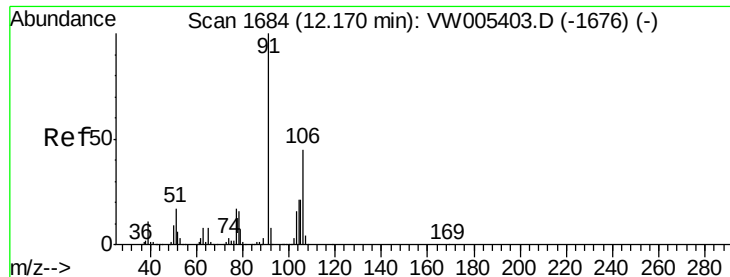
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#68
m/p-Xylenes
Concen: 103.82 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW005449.D
Acq: 17 Sep 2018 23:31

Tgt Ion: 106 Resp: 603117
Ion Ratio Lower Upper
106 100
91 209.9 167.9 251.9





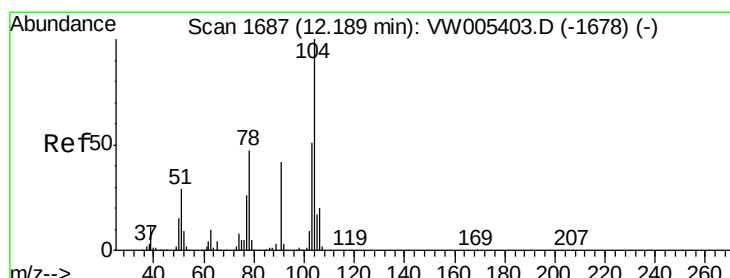
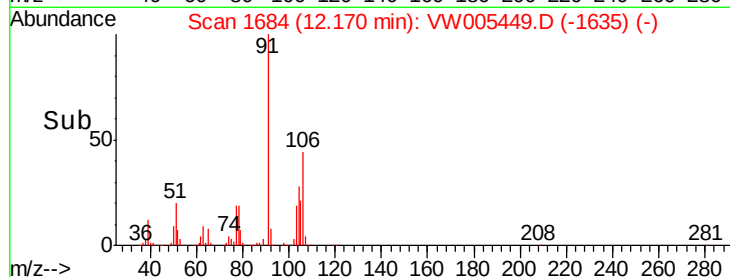
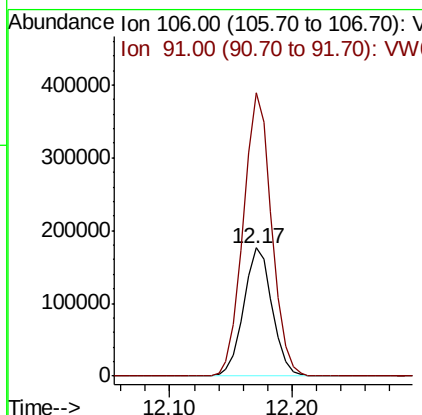
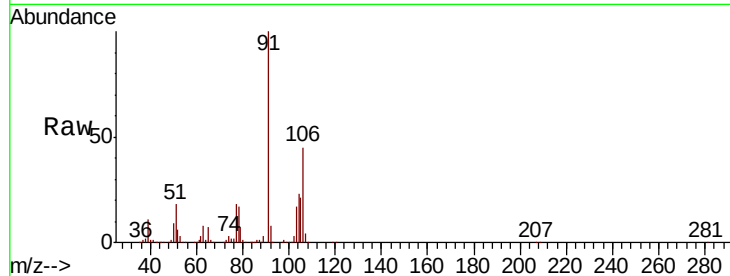
#69
o-Xylene
Concen: 52.63 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005449.D
Acq: 17 Sep 2018 23:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	219.6	110.6	331.6

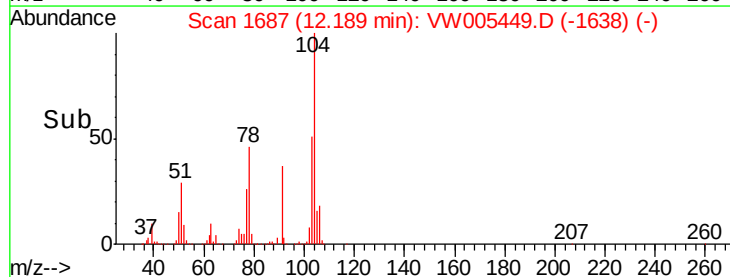
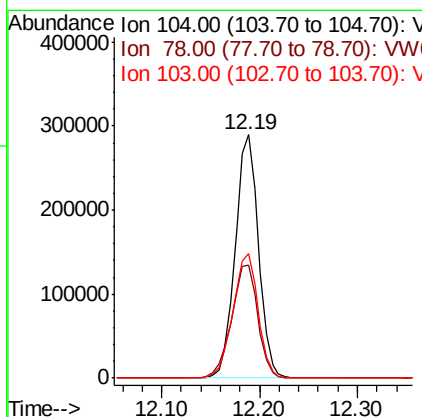
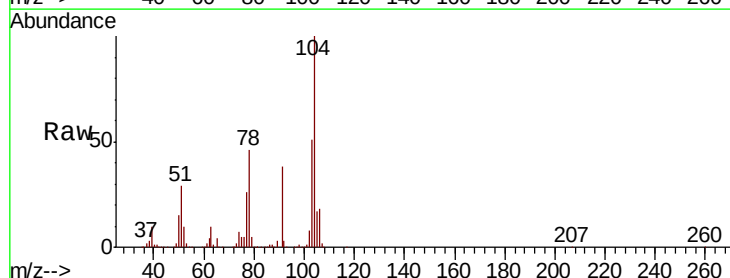
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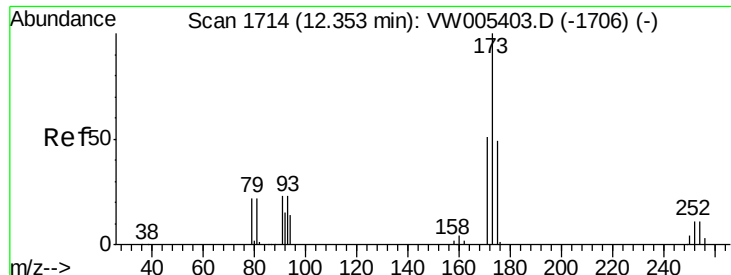
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#70
Styrene
Concen: 53.32 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW005449.D
Acq: 17 Sep 2018 23:31

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.4	42.4	63.6
103	55.7	44.8	67.2





#71

Bromoform

Concen: 48.61 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW005449.D

Acq: 17 Sep 2018 23:31

Instrument :

MSVOA_W

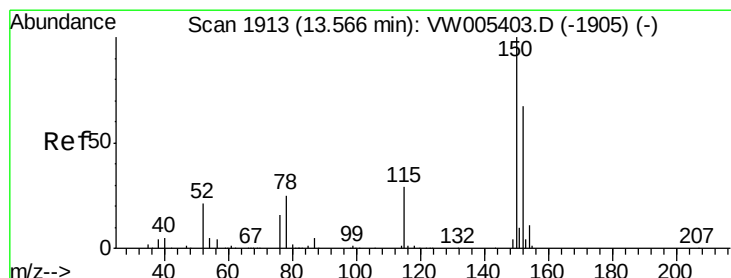
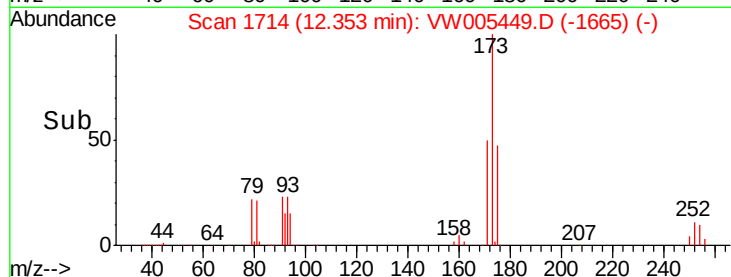
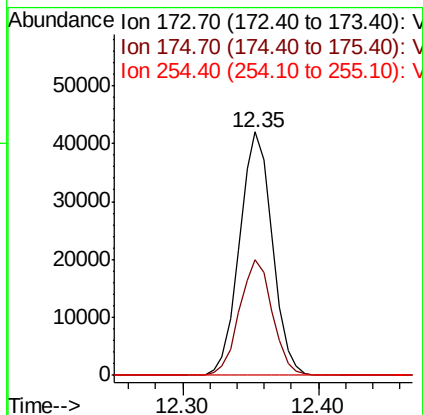
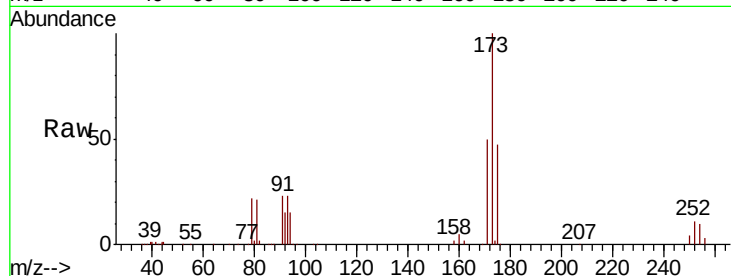
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.6	24.2	72.6
254	0.1	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

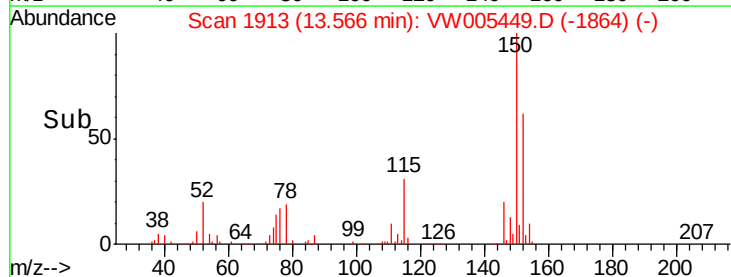
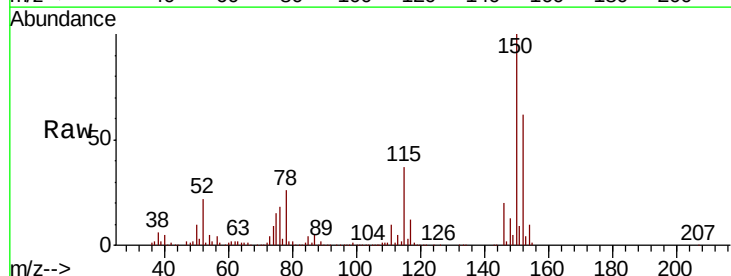
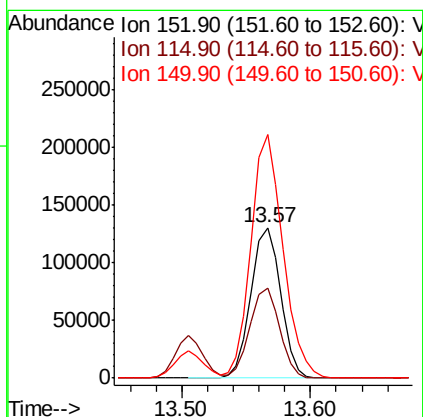
RT: 13.57 min Scan# 1913

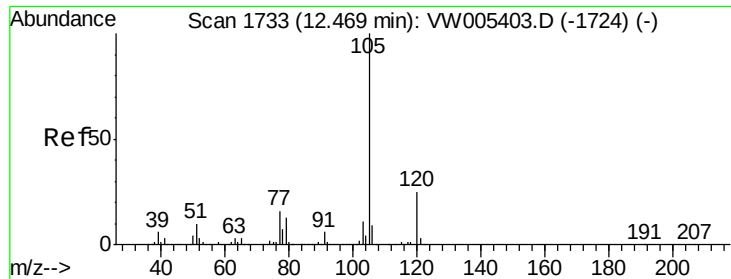
Delta R.T. 0.00 min

Lab File: VW005449.D

Acq: 17 Sep 2018 23:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.7	29.5	88.5
150	173.7	0.0	345.6





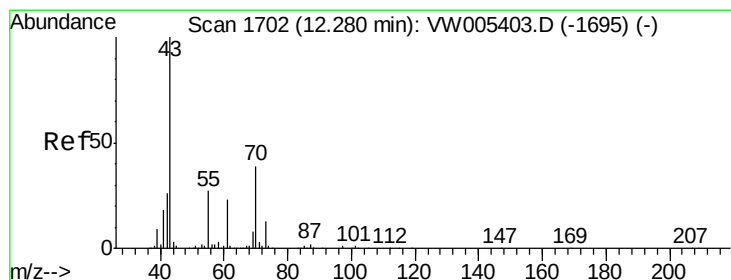
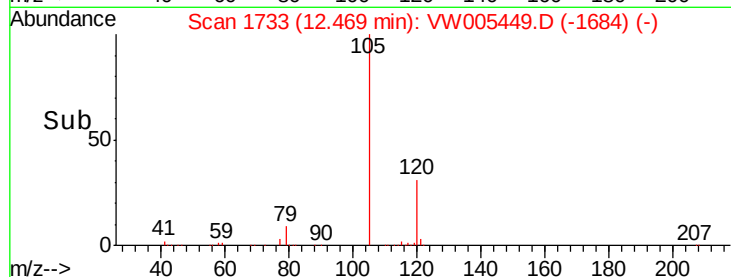
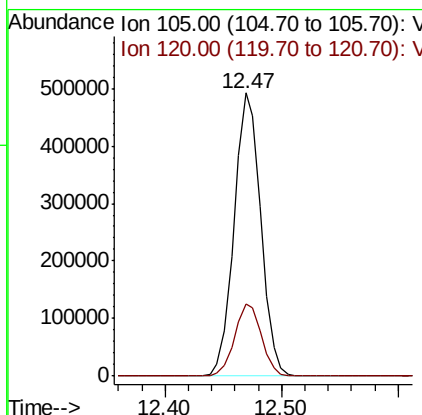
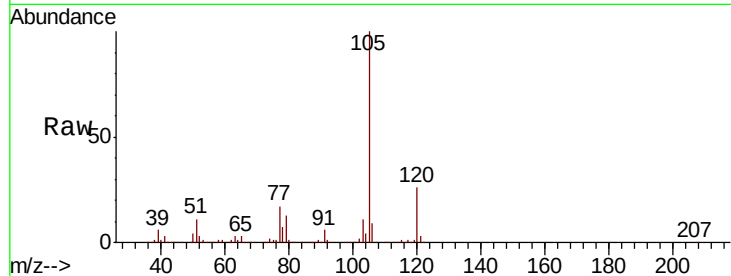
#73
Isopropylbenzene
Concen: 53.82 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW005449.D
Acq: 17 Sep 2018 23:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.6	12.9	38.6

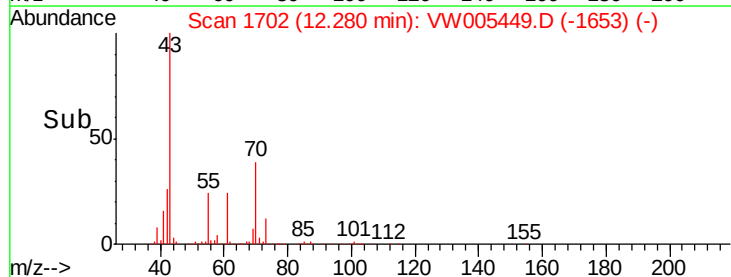
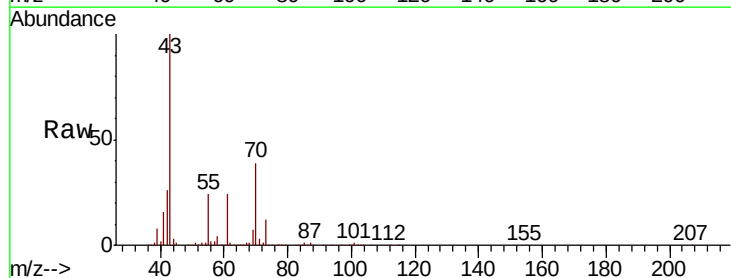
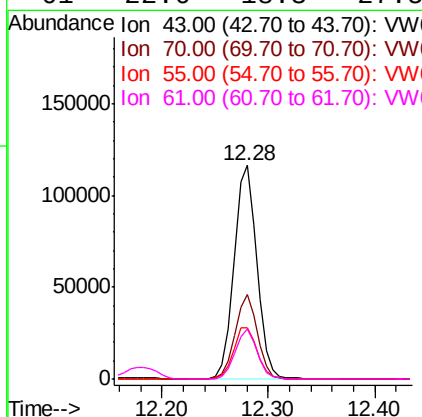
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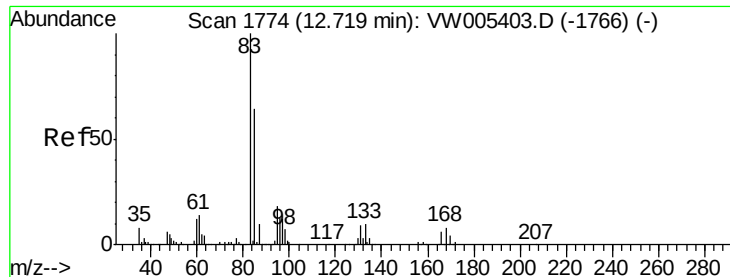
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#74
N-ethyl acetate
Concen: 56.94 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VW005449.D
Acq: 17 Sep 2018 23:31

Tgt Ion	Ratio	Lower	Upper
43	100		
70	38.7	31.9	47.9
55	25.1	21.4	32.0
61	22.6	18.3	27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 54.01 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005449.D

Acq: 17 Sep 2018 23:31

Instrument :

MSVOA_W

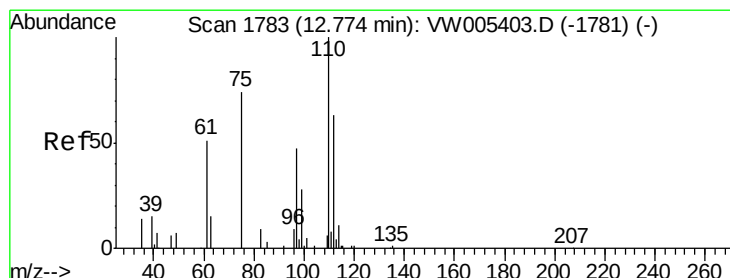
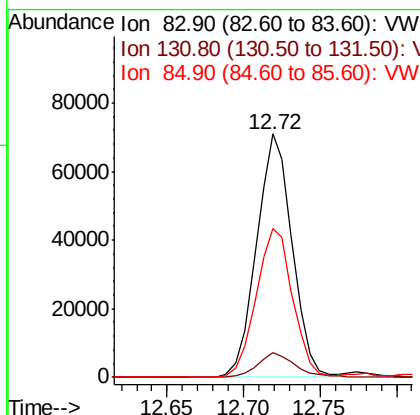
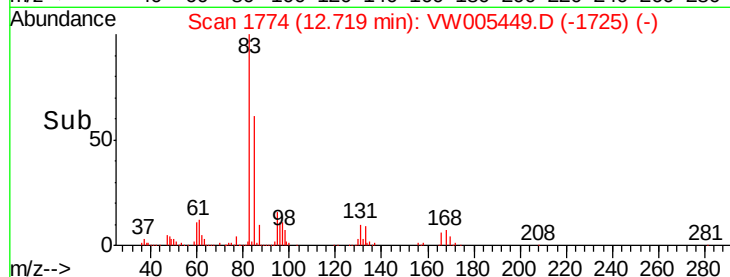
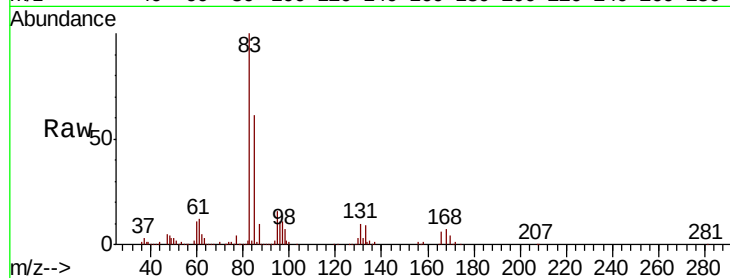
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	114811
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.7	17.1
85	62.8	31.6	95.0

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#76

1,2,3-Trichloropropane

Concen: 46.99 ug/l m

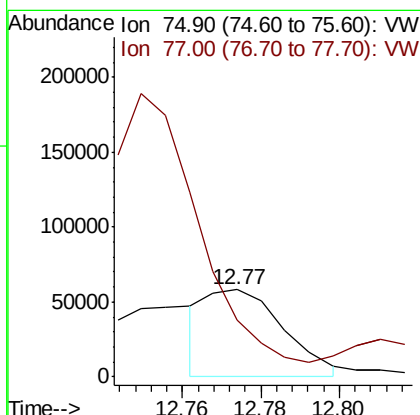
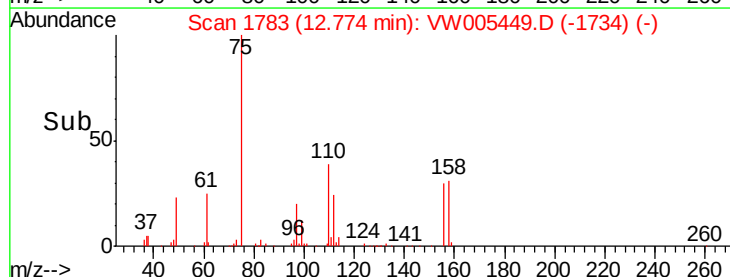
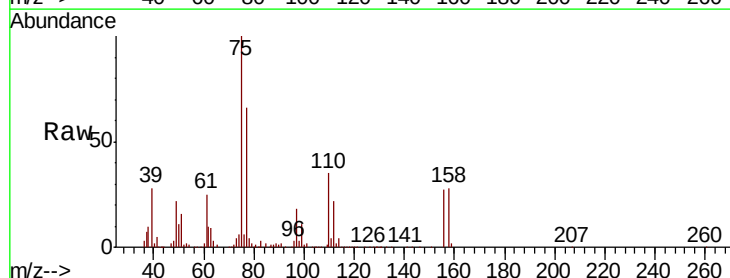
RT: 12.77 min Scan# 1783

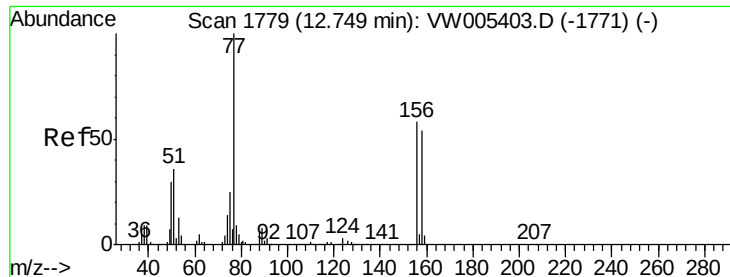
Delta R.T. 0.00 min

Lab File: VW005449.D

Acq: 17 Sep 2018 23:31

Tgt Ion:	75	Resp:	80283
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.83 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW005449.D

Acq: 17 Sep 2018 23:31

Instrument :

MSVOA_W

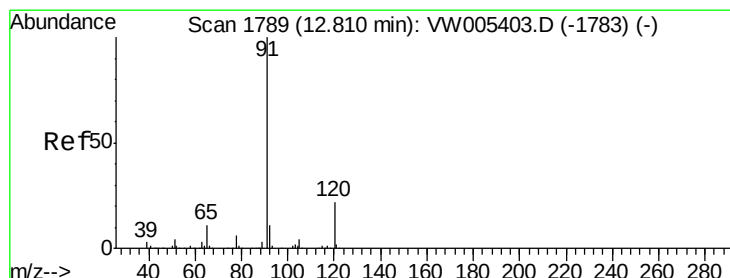
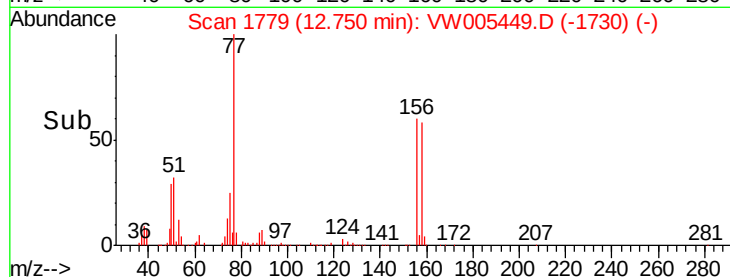
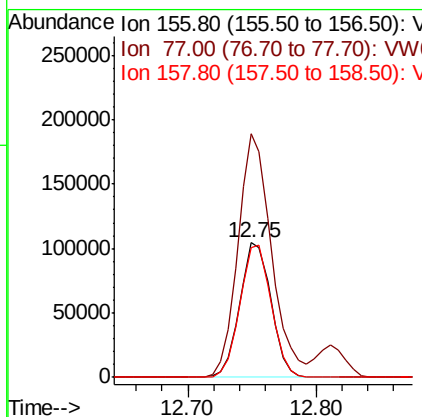
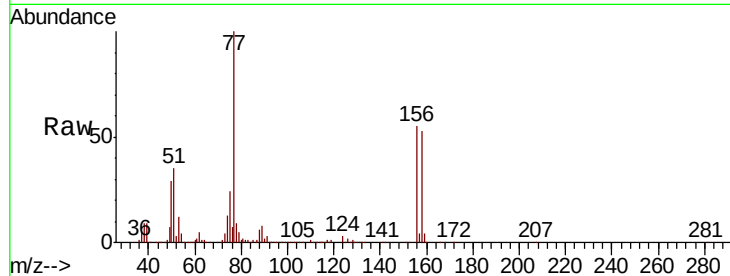
ClientSampled :

VSTDCCC050

Tot Ion:	156	Resp:	175126
Ion Ratio	Lower	Upper	
156	100		
77	193.7	92.8	278.3
158	98.4	48.2	144.6

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#78

n-propylbenzene

Concen: 54.05 ug/l

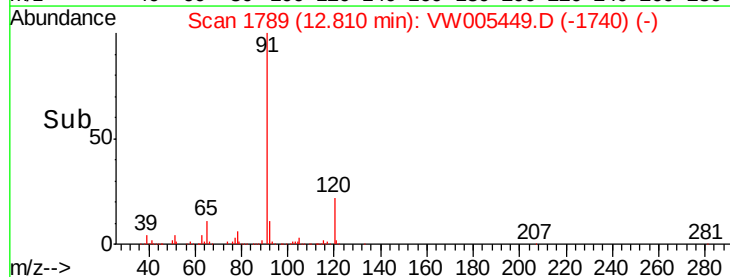
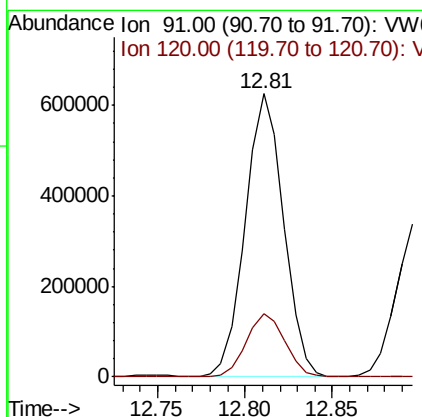
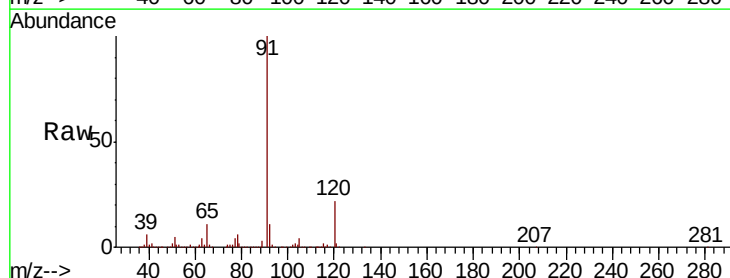
RT: 12.81 min Scan# 1789

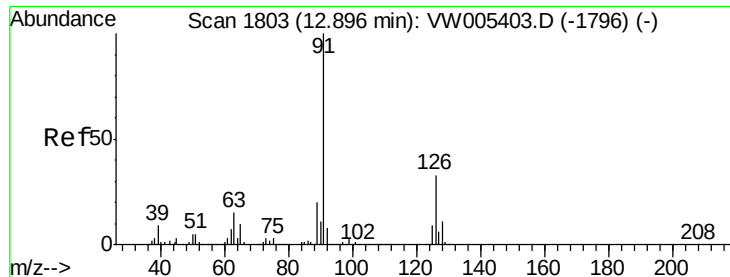
Delta R.T. 0.00 min

Lab File: VW005449.D

Acq: 17 Sep 2018 23:31

Tgt Ion:	91	Resp:	950558
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.3	33.8





#79

2-Chlorotoluene

Concen: 53.59 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW005449.D

Acq: 17 Sep 2018 23:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 556006

Ion Ratio Lower Upper

91 100

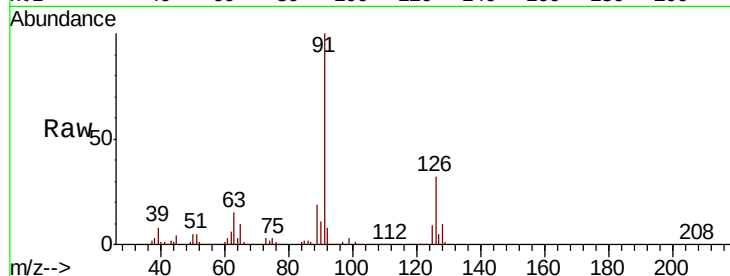
126 32.6 16.4 49.1

Manual Integrations

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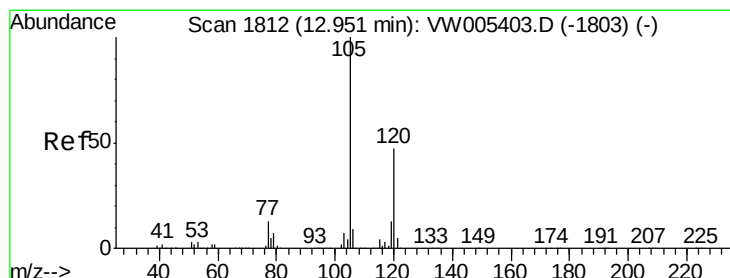
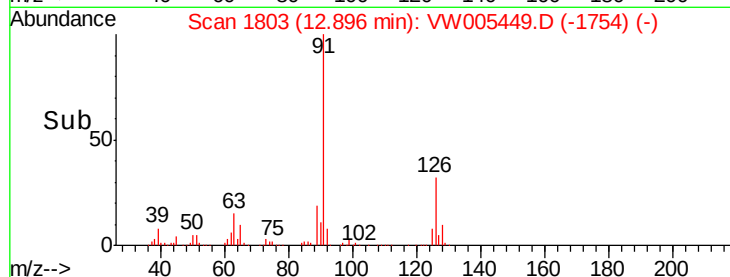
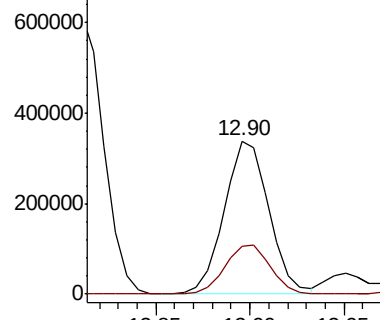
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 53.28 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW005449.D

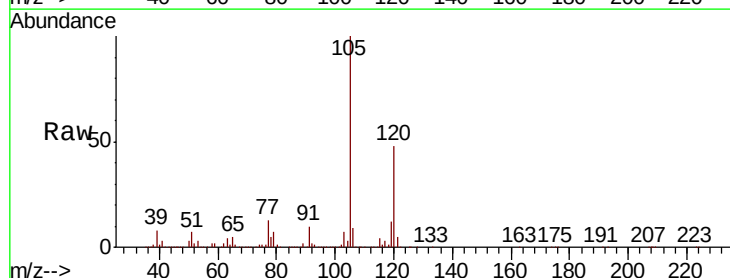
Acq: 17 Sep 2018 23:31

Tgt Ion:105 Resp: 677493

Ion Ratio Lower Upper

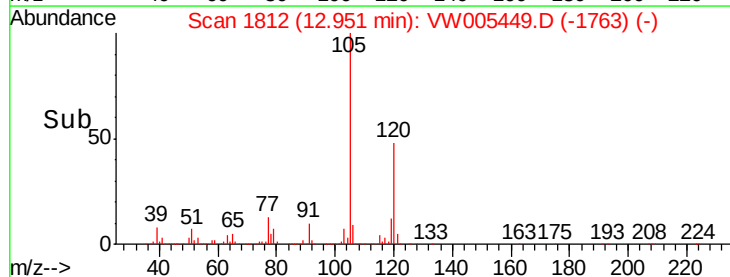
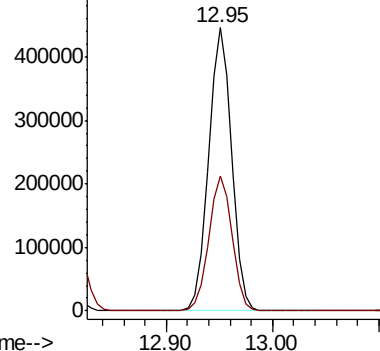
105 100

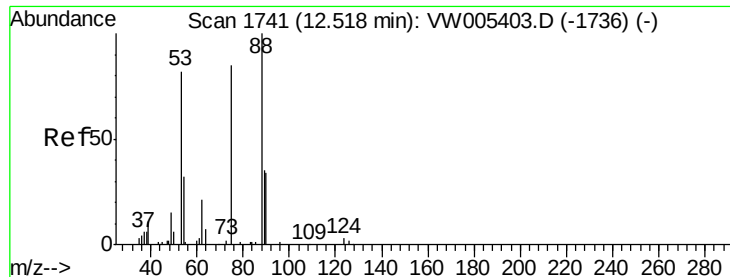
120 48.1 23.5 70.5



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: 54.62 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW005449.D

Acq: 17 Sep 2018 23:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 35970

Ion Ratio Lower Upper

75 100

53 98.8 83.2 124.8

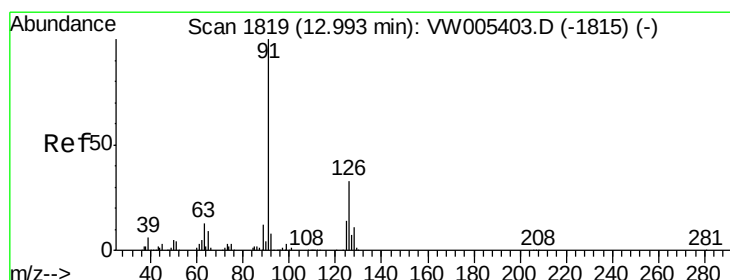
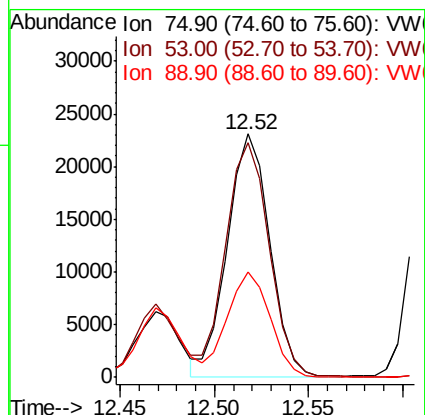
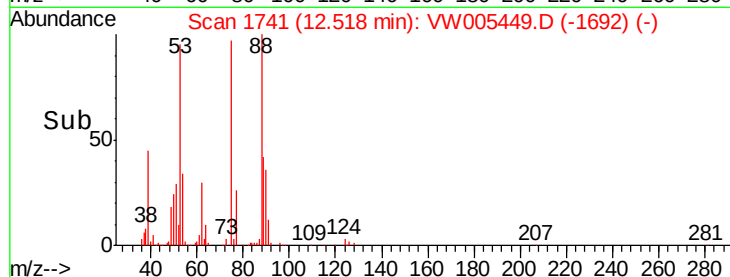
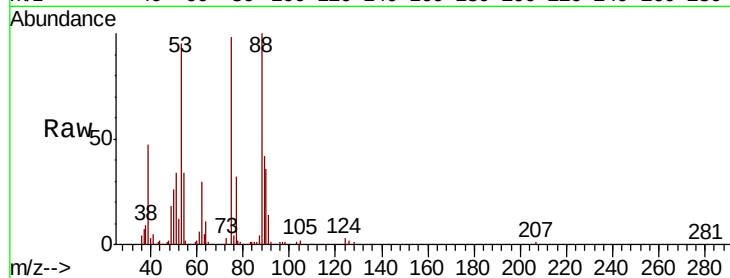
89 43.5 36.6 54.8

Manual Integrations

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#82

4-Chlorotoluene

Concen: 52.63 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW005449.D

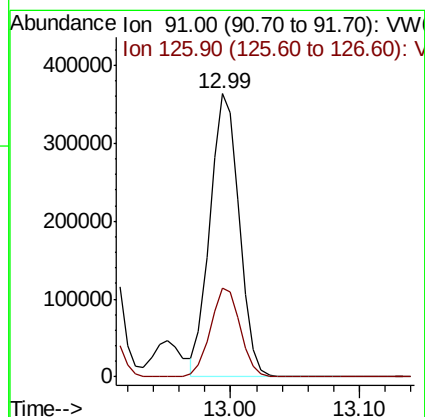
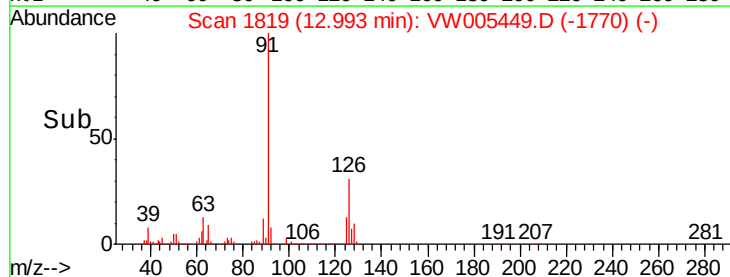
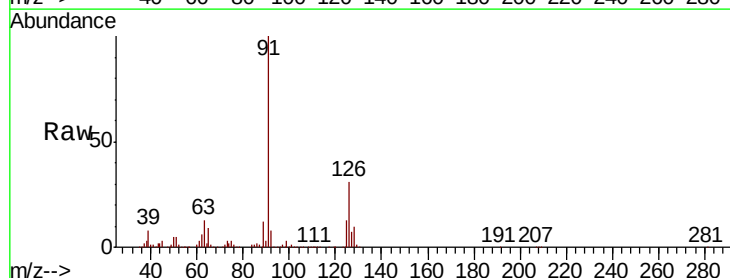
Acq: 17 Sep 2018 23:31

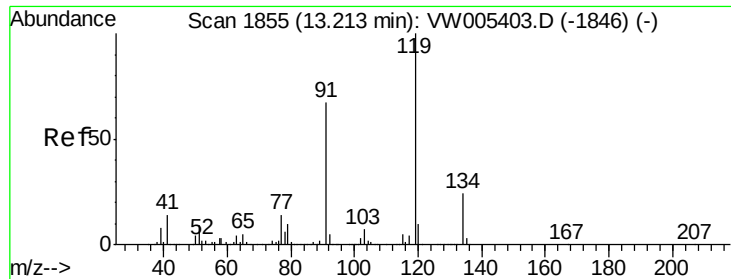
Tgt Ion: 91 Resp: 576474

Ion Ratio Lower Upper

91 100

126 32.2 16.4 49.1





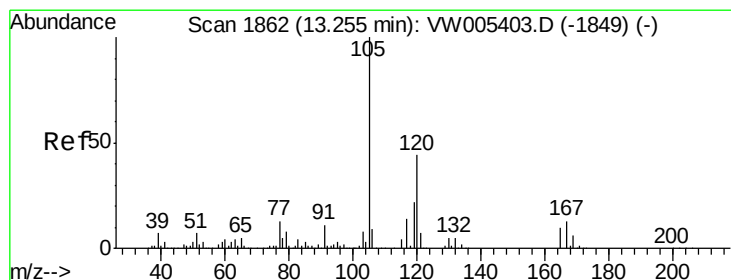
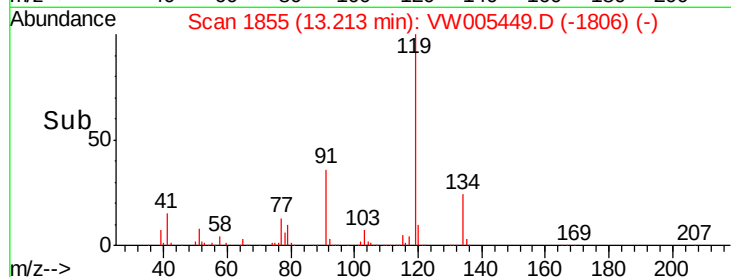
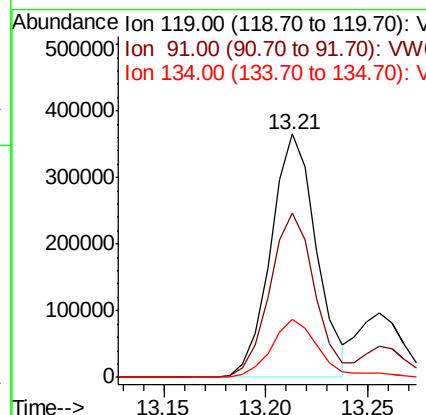
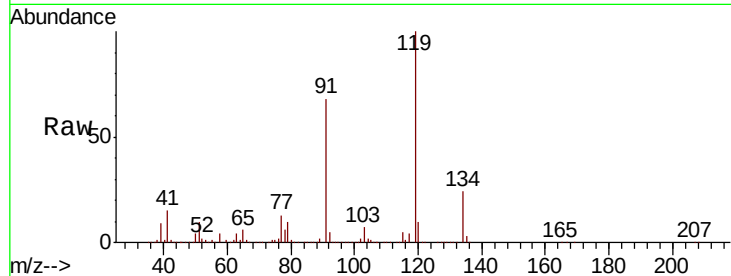
#83
 tert-Butylbenzene
 Concen: 54.01 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW005449.D
 Acq: 17 Sep 2018 23:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.8	34.4	103.2
134	25.1	12.7	38.0

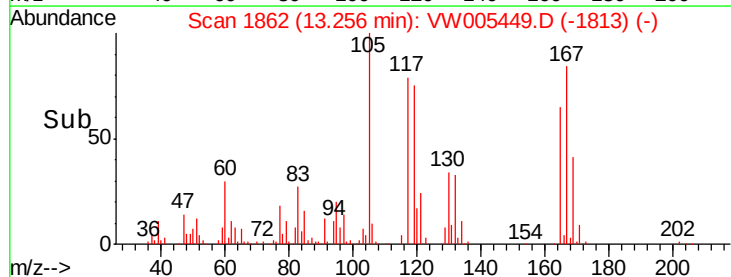
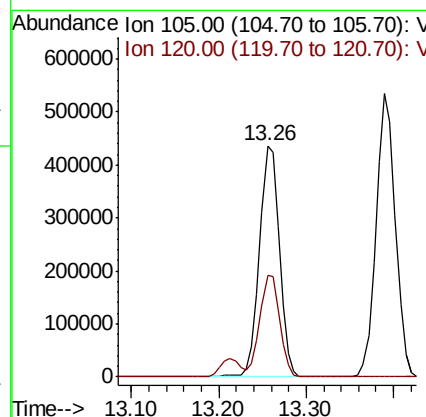
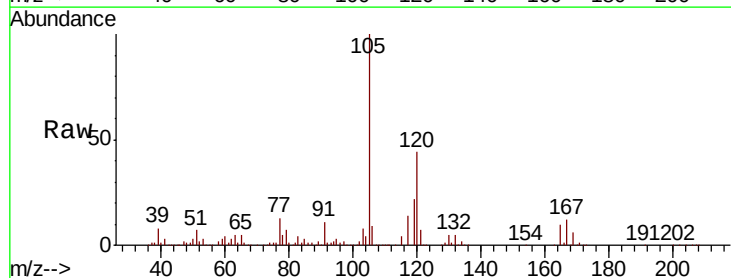
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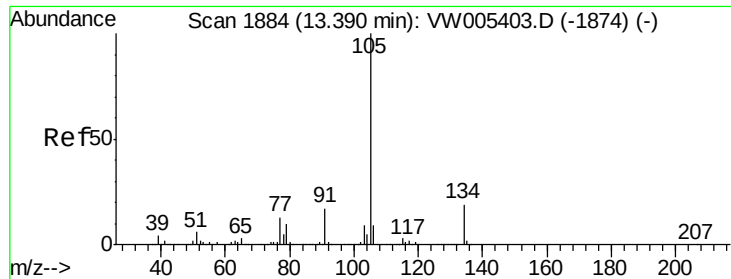
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.52 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW005449.D
 Acq: 17 Sep 2018 23:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.7	21.8	65.3





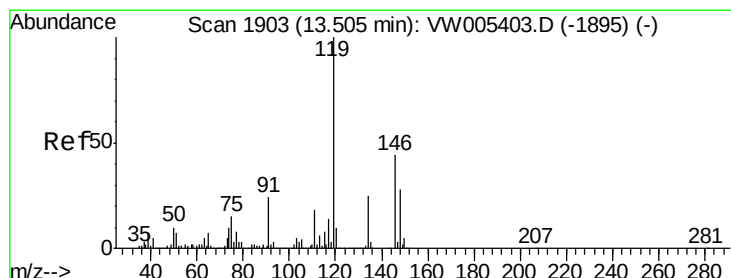
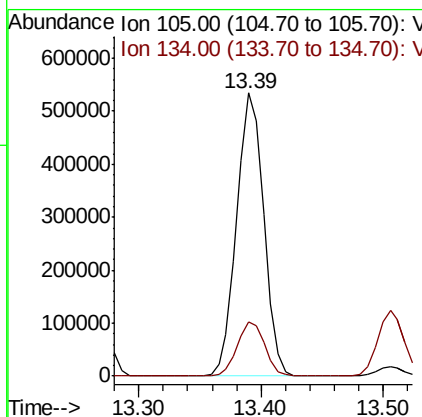
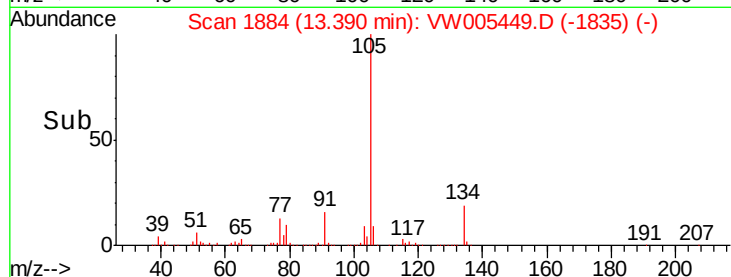
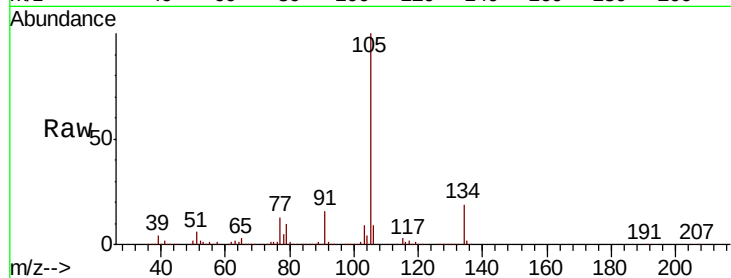
#85
 sec-Butylbenzene
 Concen: 53.67 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW005449.D
 Acq: 17 Sep 2018 23:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
105	100	818975		
134	19.5	9.8	29.5	

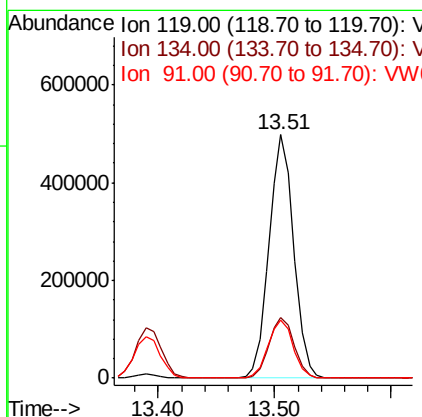
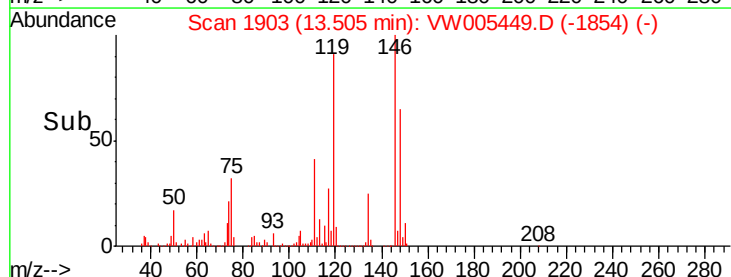
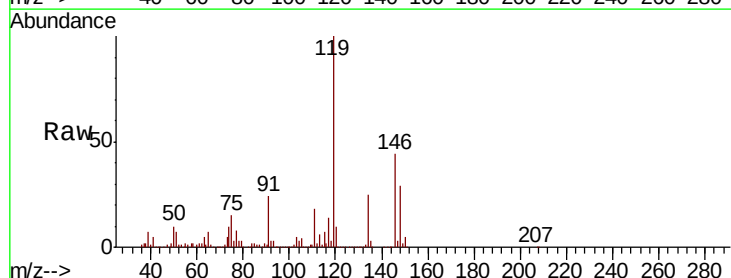
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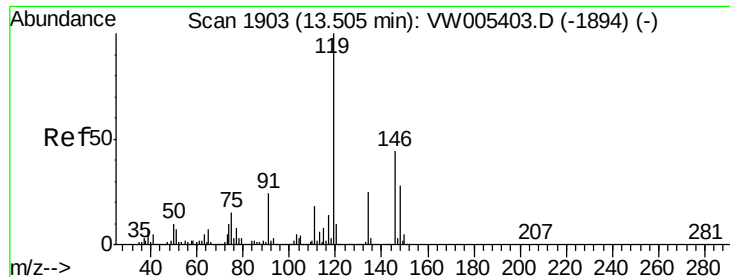
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#86
 p-Isopropyltoluene
 Concen: 53.77 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005449.D
 Acq: 17 Sep 2018 23:31

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	733724		
134	25.3	12.6	37.8	
91	24.2	12.0	36.0	





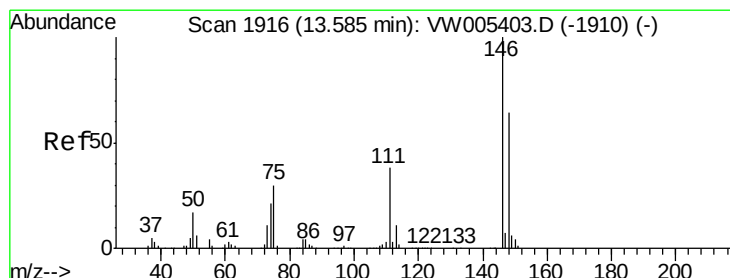
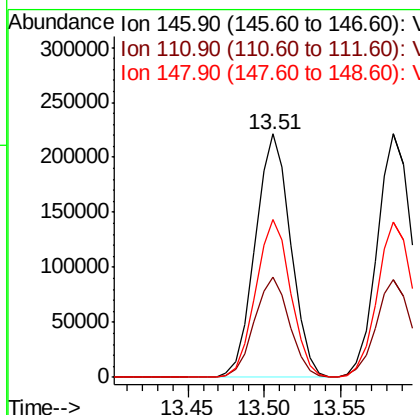
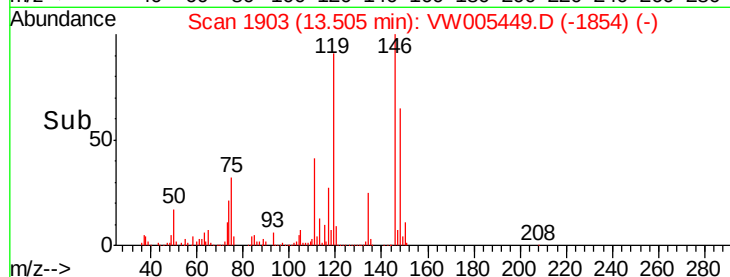
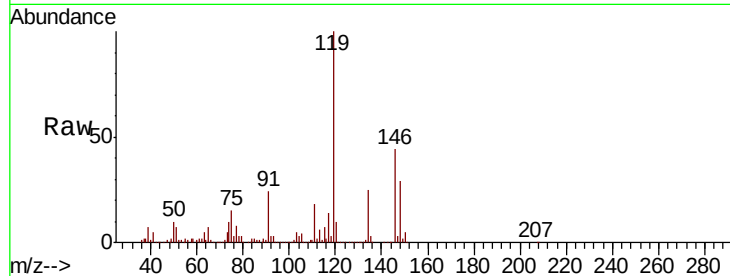
#87
 1,3-Dichlorobenzene
 Concen: 51.09 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005449.D
 Acq: 17 Sep 2018 23:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	356959		
111	40.5	20.4	61.2	
148	64.2	32.0	96.0	

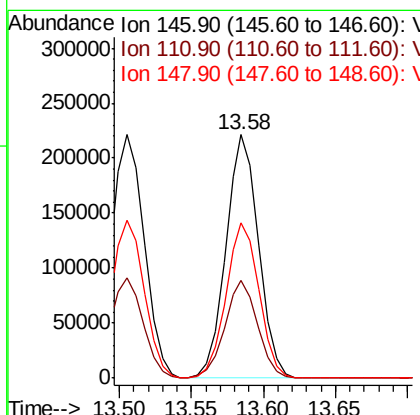
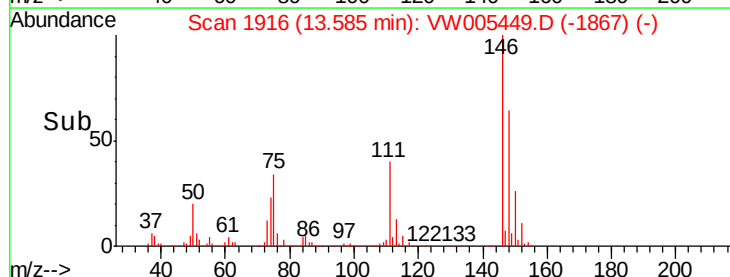
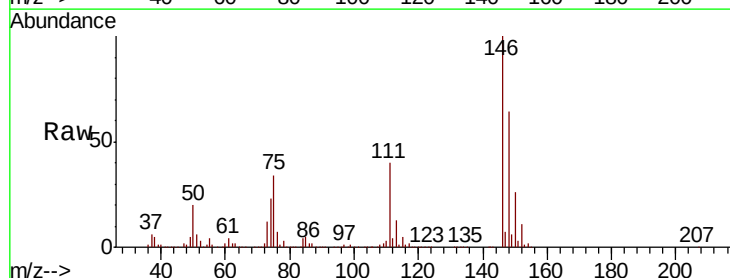
Manual Integrations
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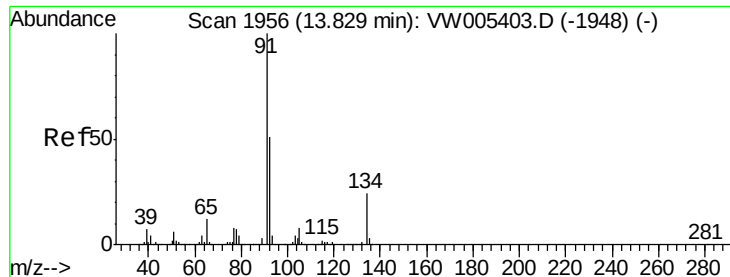
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 50.91 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW005449.D
 Acq: 17 Sep 2018 23:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	350319		
111	40.0	19.6	58.8	
148	64.4	31.8	95.4	





#89

n-Butylbenzene

Concen: 55.04 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW005449.D

Acq: 17 Sep 2018 23:31

Instrument :

MSVOA_W

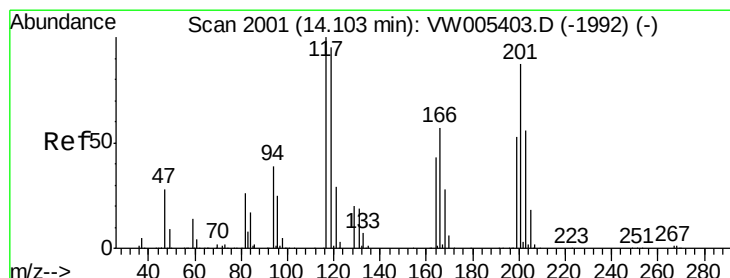
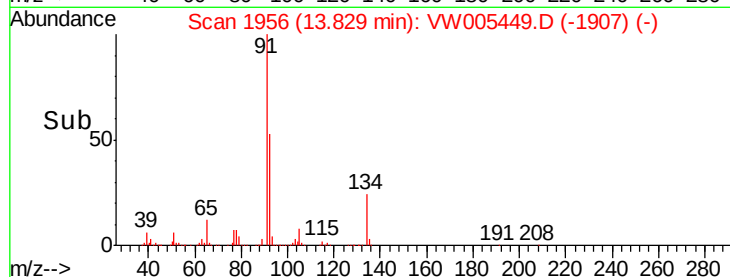
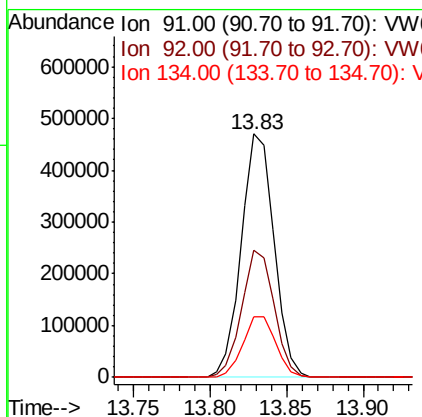
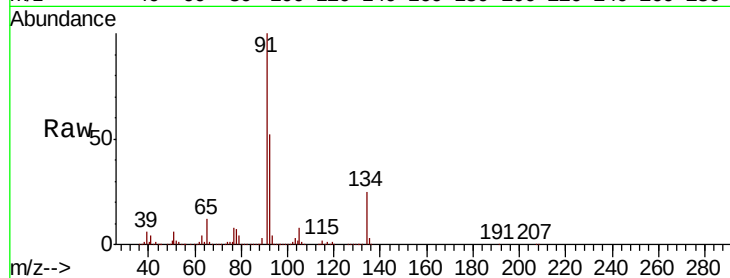
ClientSampleId :

VSTDCCC050

Tot Ion:	91	Resp:	699472
Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.2	78.6
134	25.2	12.7	38.1

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#90

Hexachloroethane

Concen: 51.87 ug/l

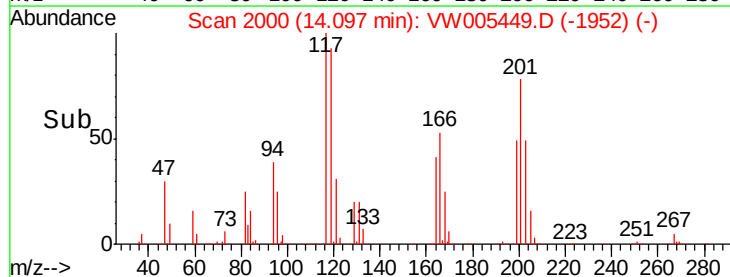
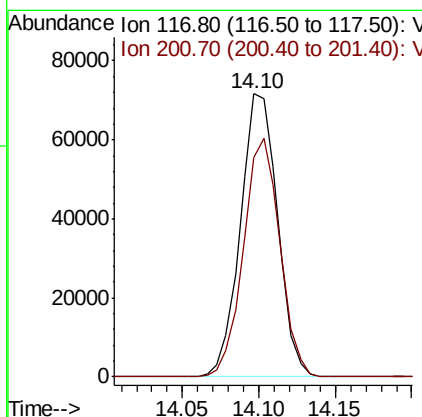
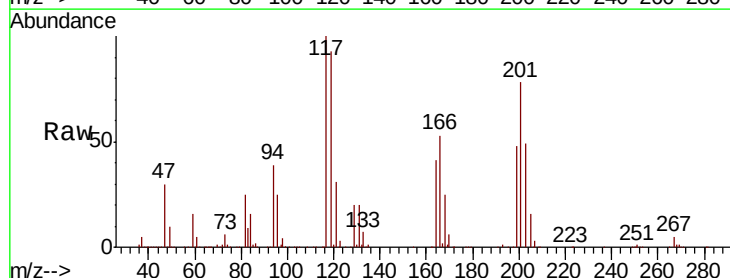
RT: 14.10 min Scan# 2000

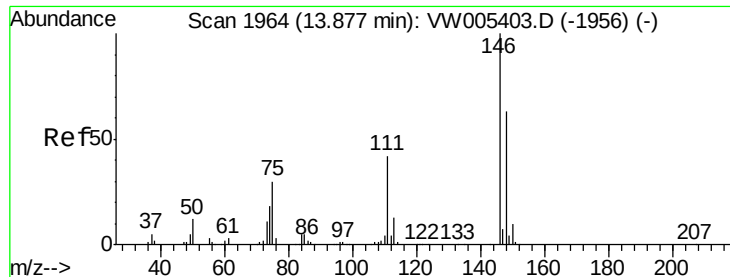
Delta R.T. -0.01 min

Lab File: VW005449.D

Acq: 17 Sep 2018 23:31

Tgt Ion:	117	Resp:	121274
Ion	Ratio	Lower	Upper
117	100		
201	82.5	42.5	127.5





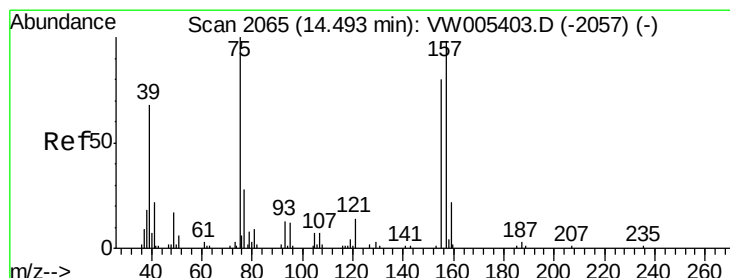
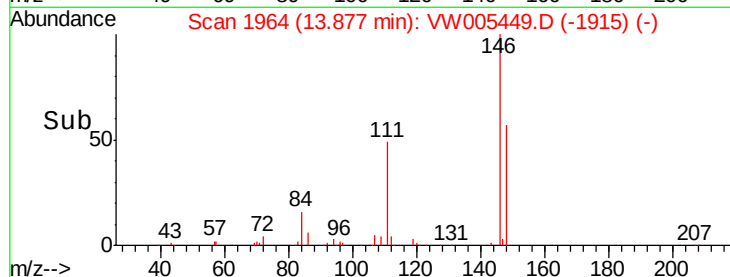
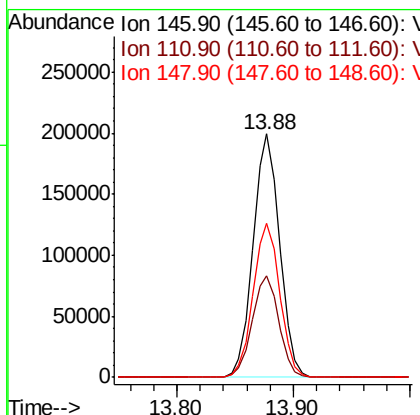
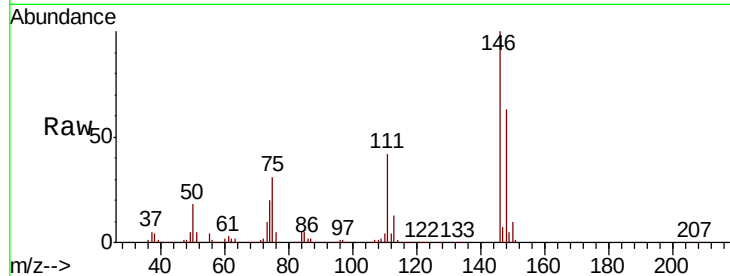
#91
 1,2-Dichlorobenzene
 Concen: 51.82 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005449.D
 Acq: 17 Sep 2018 23:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.0	63.0
148	63.6	31.9	95.9

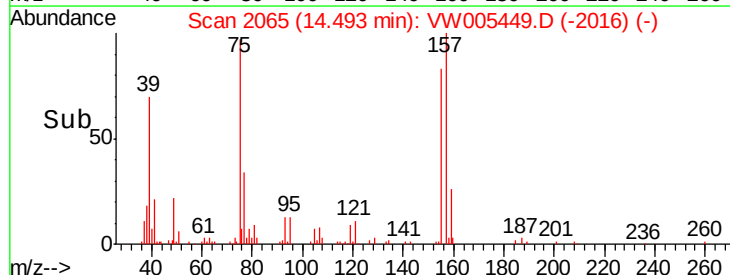
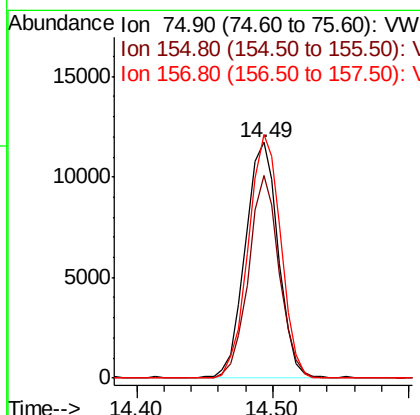
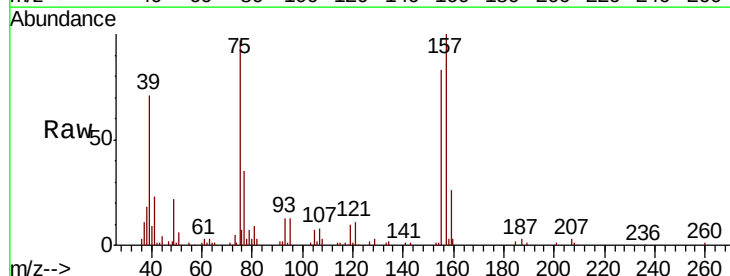
Manual Integrations
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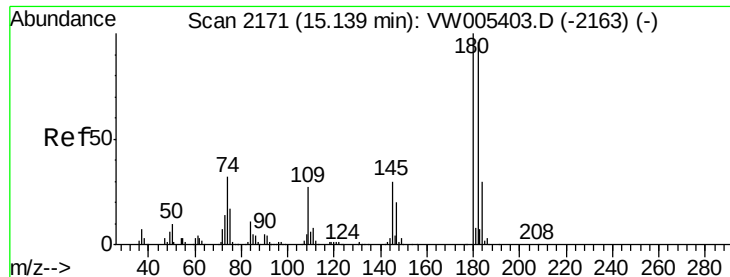
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.80 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW005449.D
 Acq: 17 Sep 2018 23:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.1	39.0	117.0
157	101.6	49.9	149.6





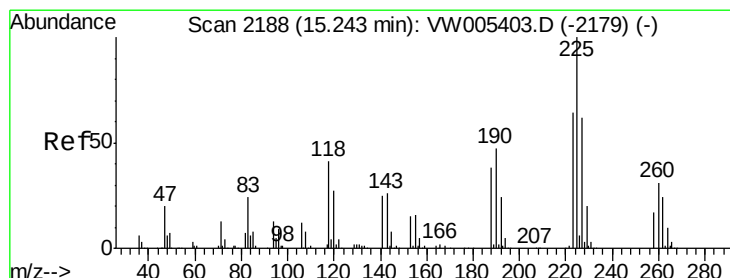
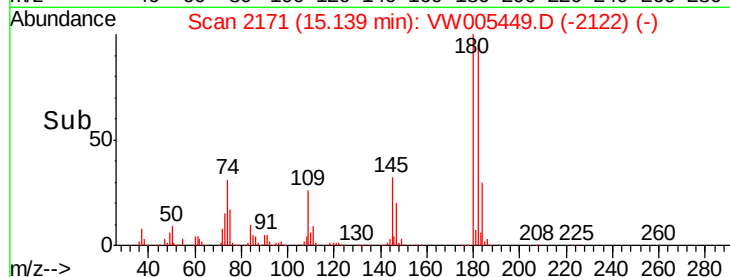
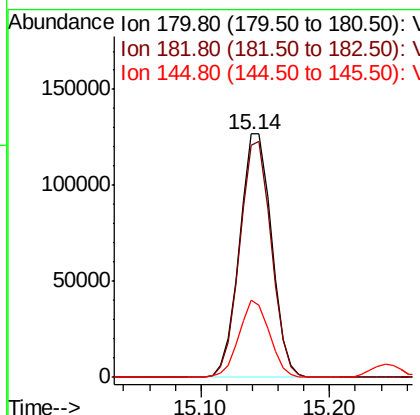
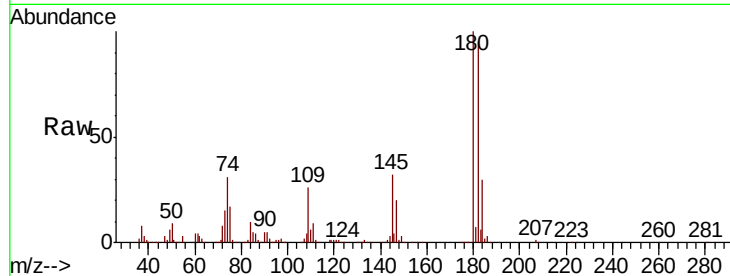
#93
 1,2,4-Trichlorobenzene
 Concen: 53.53 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW005449.D
 Acq: 17 Sep 2018 23:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	218081		
182	95.2	47.3	141.9	
145	30.2	14.8	44.3	

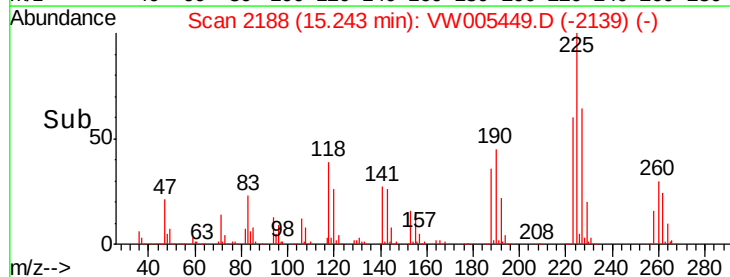
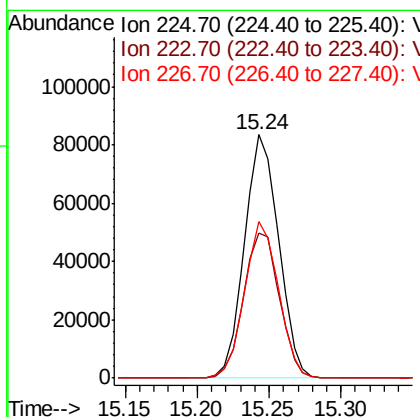
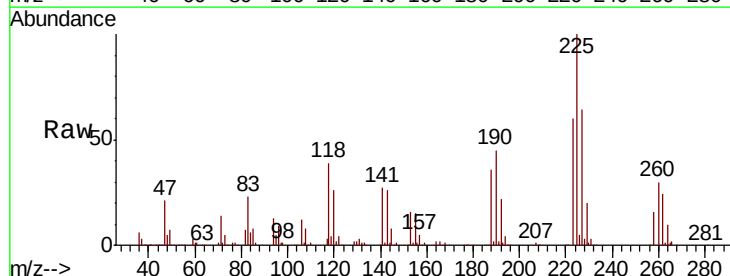
Manual Integrations
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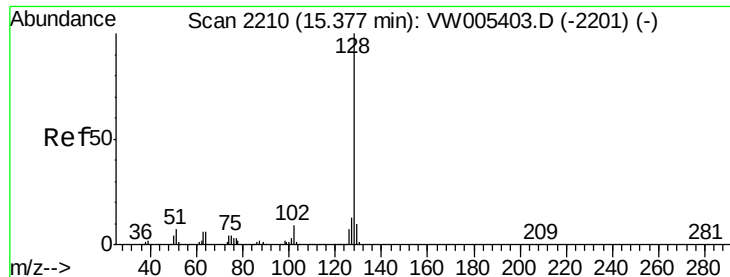
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#94
 Hexachlorobutadiene
 Concen: 51.46 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW005449.D
 Acq: 17 Sep 2018 23:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	136923		
223	62.5	31.2	93.6	
227	63.8	31.6	95.0	





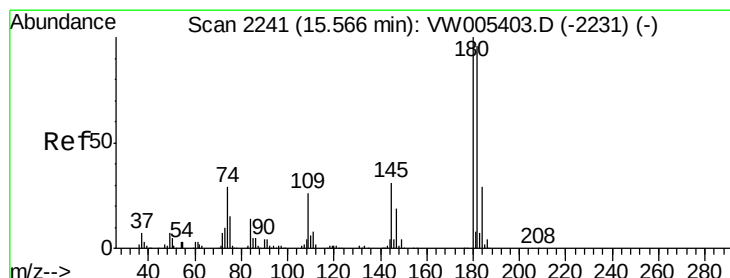
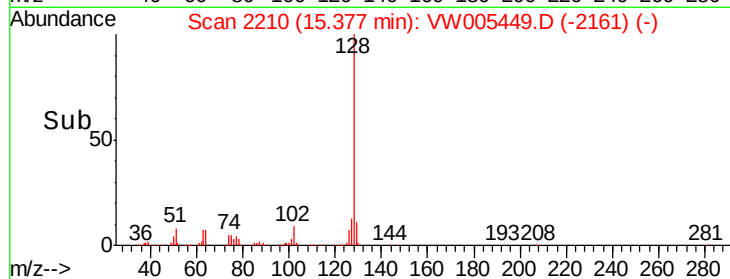
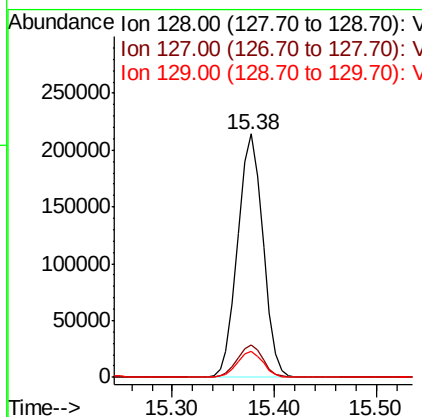
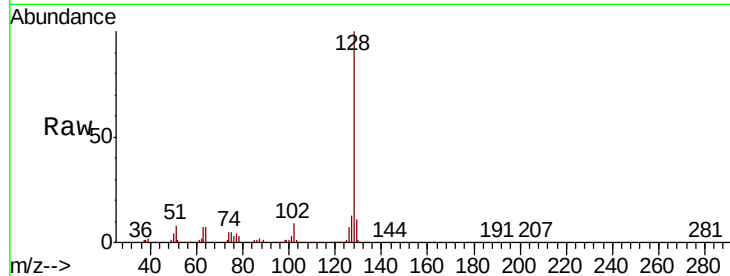
#95
Naphthalene
Concen: 54.27 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005449.D
Acq: 17 Sep 2018 23:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	11.0	16.4
129	10.9	8.7	13.1

Manual Integrations
APPROVED

apatel
9/18/2018 2:43:38 PM



#96
1,2,3-Trichlorobenzene
Concen: 52.45 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005449.D
Acq: 17 Sep 2018 23:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.1	144.4
145	32.4	15.9	47.7

