

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092518\
 Data File : VW005601.D
 Acq On : 25 Sep 2018 10:35
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 9/26/2018 12:25:49 PM

Quant Time: Sep 25 14:05:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	243050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	352695	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	316279	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	170859	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	131026	45.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.52%	
35) Dibromofluoromethane	7.89	113	115007	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
50) Toluene-d8	10.33	98	478903	53.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.06%	
62) 4-Bromofluorobenzene	12.63	95	174216	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	83711	57.774	ug/l	96
3) Chloromethane	2.22	50	95461	48.859	ug/l	98
4) Vinyl Chloride	2.37	62	125108	53.570	ug/l	98
5) Bromomethane	2.79	94	79902	50.627	ug/l	96
6) Chloroethane	2.93	64	75676	50.499	ug/l	98
7) Trichlorofluoromethane	3.26	101	107894	59.069	ug/l	94
8) Diethyl Ether	3.68	74	56092	47.011	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	123070	53.227	ug/l	99
10) Methyl Iodide	4.27	142	182122	51.218	ug/l	99
11) Tert butyl alcohol	5.23	59	35918	242.886	ug/l #	87
12) 1,1-Dichloroethene	4.03	96	112963	51.032	ug/l	97
13) Acrolein	3.90	56	25242	255.774	ug/l	99
14) Allyl chloride	4.67	41	195228	50.536	ug/l	98
15) Acrylonitrile	5.38	53	120586	227.624	ug/l	98
16) Acetone	4.15	43	130129	290.622	ug/l	95
17) Carbon Disulfide	4.38	76	348791	50.431	ug/l	98
18) Methyl Acetate	4.68	43	60080	44.271	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	172972	50.626	ug/l	98
20) Methylene Chloride	4.92	84	122083	50.973	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	122831	50.662	ug/l	97
22) Diisopropyl ether	6.32	45	377840	50.383	ug/l	99
23) Vinyl Acetate	6.26	43	1060545	247.422	ug/l	99
24) 1,1-Dichloroethane	6.22	63	231097	49.877	ug/l	99
25) 2-Butanone	7.18	43	158074	227.304	ug/l	99
26) 2,2-Dichloropropane	7.17	77	168698	52.153	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	134948	50.464	ug/l	99
28) Bromochloromethane	7.52	49	80802	44.026	ug/l	99
29) Tetrahydrofuran	7.54	42	98269	226.187	ug/l	99
30) Chloroform	7.68	83	235600	49.253	ug/l	100
31) Cyclohexane	7.96	56	220493	49.671	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	218359	51.673	ug/l	99
36) 1,1-Dichloropropene	8.09	75	190539	53.666	ug/l	99
37) Ethyl Acetate	7.26	43	70945	47.483	ug/l	100
38) Carbon Tetrachloride	8.07	117	207097	54.433	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	236506	56.460	ug/l	99
40) Benzene	8.33	78	522269	51.917	ug/l	100
41) Methacrylonitrile	7.49	41	44130	51.904	ug/l	97
42) 1,2-Dichloroethane	8.40	62	157138	48.789	ug/l	99
43) Isopropyl Acetate	8.43	43	140959	47.985	ug/l	100
44) Trichloroethene	9.10	130	137398	53.360	ug/l	95
45) 1,2-Dichloropropane	9.37	63	126065	50.938	ug/l	98
46) Dibromomethane	9.46	93	60873	49.227	ug/l	98
47) Bromodichloromethane	9.65	83	168210	50.639	ug/l	99
48) Methyl methacrylate	9.45	41	68925	49.399	ug/l	95
49) 1,4-Dioxane	9.48	88	19964	1015.467	ug/l #	98
51) 4-Methyl-2-Pentanone	10.22	43	356252	240.785	ug/l	99
52) Toluene	10.40	92	338483	53.926	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	175947	52.836	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	200929	53.853	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	88321	50.317	ug/l	98
56) Ethyl methacrylate	10.65	69	112736	52.028	ug/l	99
57) 1,3-Dichloropropane	10.94	76	156050	50.162	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	247470	251.946	ug/l	99
59) 2-Hexanone	10.98	43	260777	259.456	ug/l	100
60) Dibromochloromethane	11.13	129	111722	52.678	ug/l	99
61) 1,2-Dibromoethane	11.24	107	81993	50.101	ug/l	97
64) Tetrachloroethene	10.87	164	120969	53.890	ug/l	99
65) Chlorobenzene	11.66	112	361683	53.868	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.74	131	130666	54.072	ug/l	99
67) Ethyl Benzene	11.74	91	672639	56.440	ug/l	99
68) m/p-Xylenes	11.85	106	510620	113.406	ug/l	100
69) o-Xylene	12.17	106	238347	56.523	ug/l	100
70) Styrene	12.19	104	396573	55.883	ug/l	99
71) Bromoform	12.35	173	66612	51.931	ug/l #	100
73) Isopropylbenzene	12.47	105	693592	58.538	ug/l	100
74) N-amyl acetate	12.28	43	137141	51.115	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	99337	50.474	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	71127m	48.836	ug/l	
77) Bromobenzene	12.76	156	150197	54.084	ug/l	98
78) n-propylbenzene	12.81	91	829034	57.793	ug/l	99
79) 2-Chlorotoluene	12.90	91	465171	56.049	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	592692	57.527	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	33576	51.923	ug/l	97
82) 4-Chlorotoluene	12.99	91	492179	56.128	ug/l	100
83) tert-Butylbenzene	13.21	119	508943	58.799	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	602691	57.968	ug/l	98
85) sec-Butylbenzene	13.39	105	745168	59.359	ug/l	100
86) p-Isopropyltoluene	13.51	119	665620	59.155	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	309262	54.462	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	306060	54.193	ug/l	99
89) n-Butylbenzene	13.83	91	627917	59.164	ug/l	100
90) Hexachloroethane	14.10	117	113532	55.669	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	270736	54.009	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18180	48.484	ug/l	99

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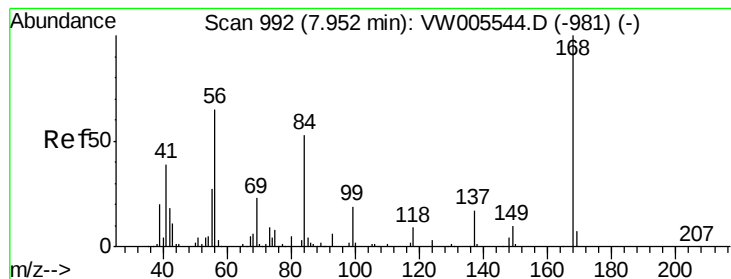
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	199760	55.862	ug/l	100
94) Hexachlorobutadiene	15.25	225	132672	57.269	ug/l	99
95) Naphthalene	15.38	128	332913	55.348	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	172114	54.616	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW005601.D

Acq: 25 Sep 2018 10:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 243050

Ion Ratio Lower Upper

168 100

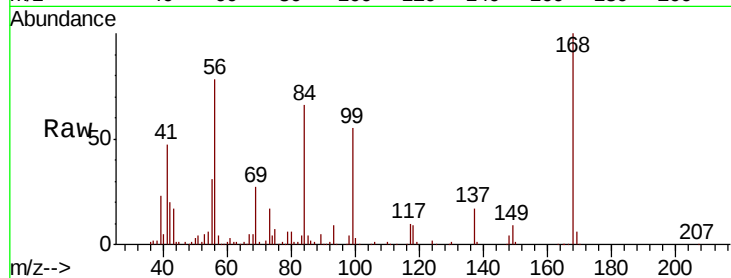
99 55.2 48.4 72.6

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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

120000

100000

80000

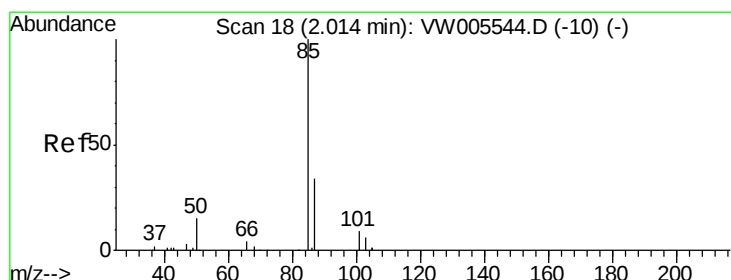
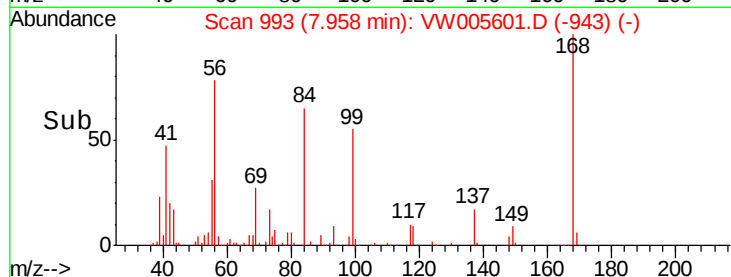
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 57.774 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW005601.D

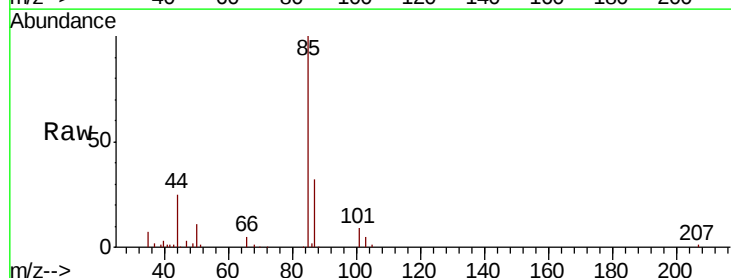
Acq: 25 Sep 2018 10:35

Tgt Ion: 85 Resp: 83711

Ion Ratio Lower Upper

85 100

87 31.7 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

25000

20000

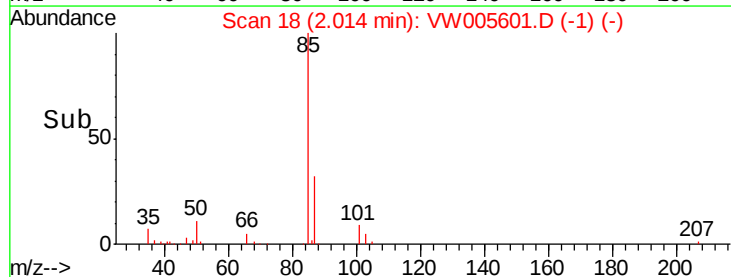
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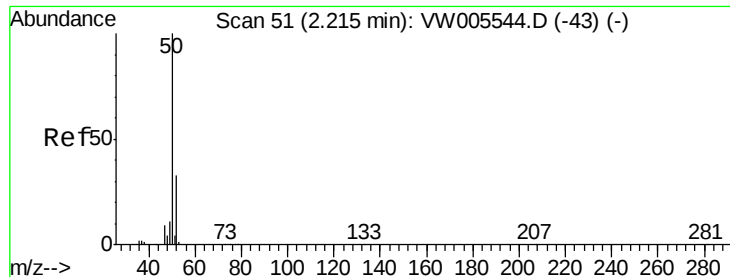
10000

5000

0

Time-->





#3

Chloromethane

Concen: 48.859 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW005601.D

Acq: 25 Sep 2018 10:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 95461

Ion Ratio Lower Upper

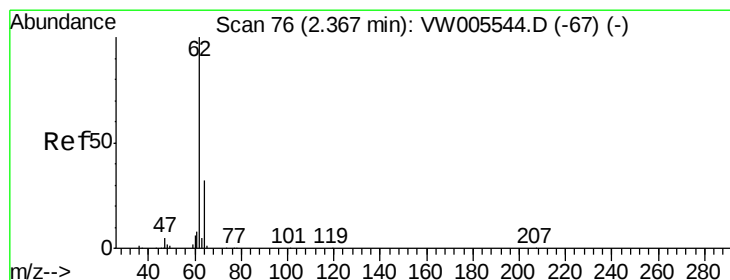
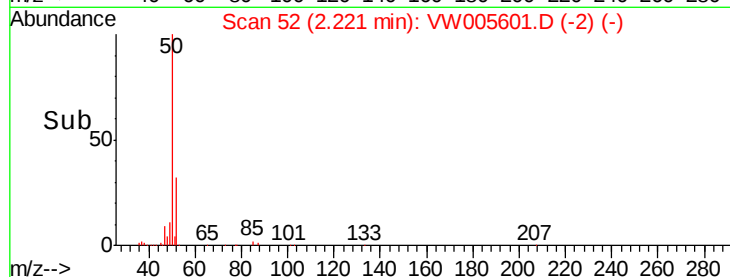
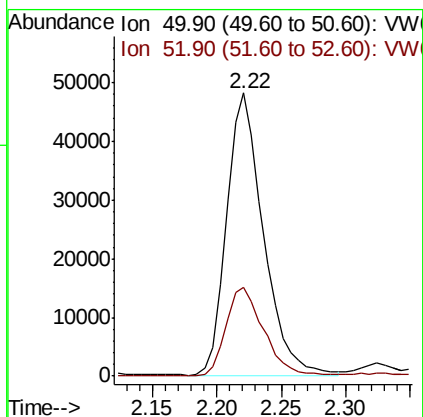
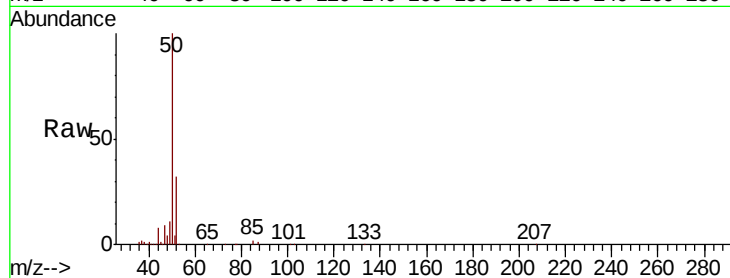
50 100

52 31.7 26.2 39.4

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#4

Vinyl Chloride

Concen: 53.570 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.01 min

Lab File: VW005601.D

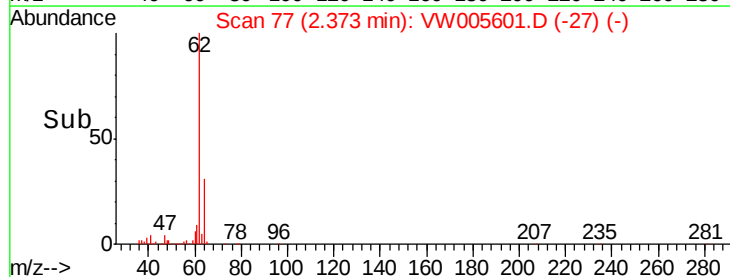
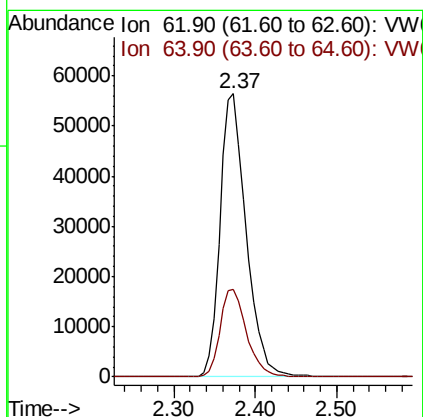
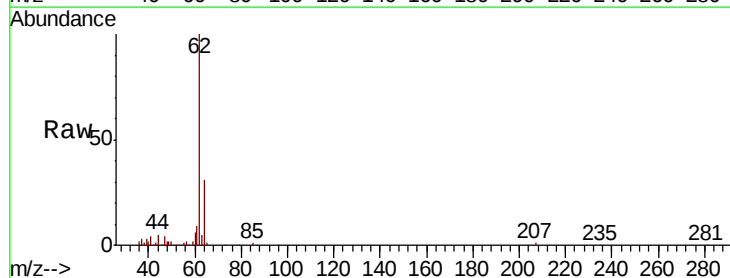
Acq: 25 Sep 2018 10:35

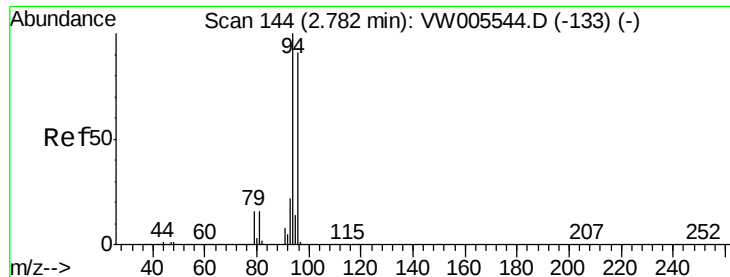
Tgt Ion: 62 Resp: 125108

Ion Ratio Lower Upper

62 100

64 30.8 25.7 38.5





#5

Bromomethane

Concen: 50.627 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.01 min

Lab File: VW005601.D

Acq: 25 Sep 2018 10:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 79902

Ion Ratio Lower Upper

94 100

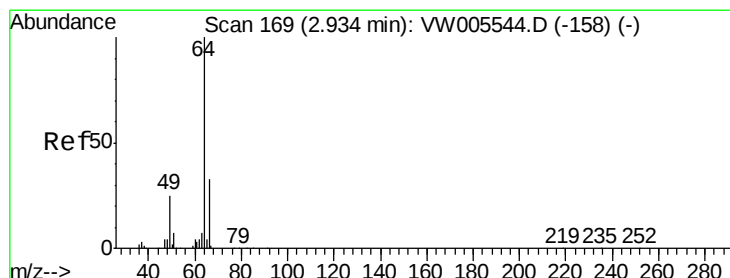
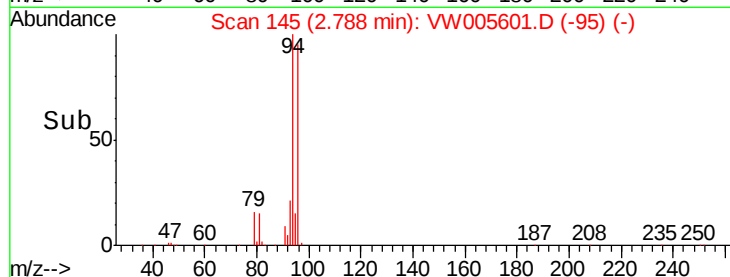
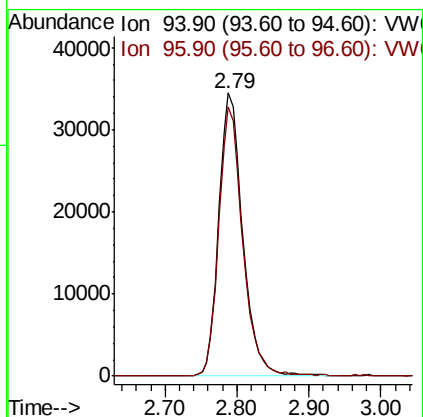
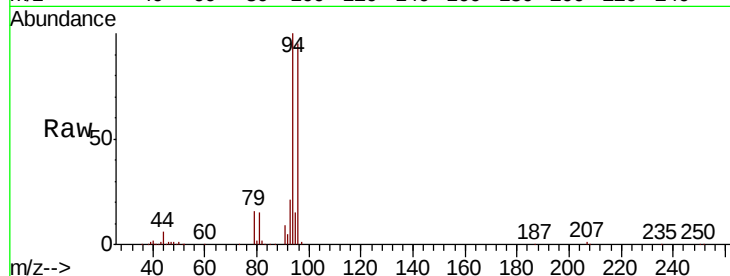
96 95.2 73.1 109.7

Manual Integrations

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#6

Chloroethane

Concen: 50.499 ug/l

RT: 2.93 min Scan# 169

Delta R.T. -0.00 min

Lab File: VW005601.D

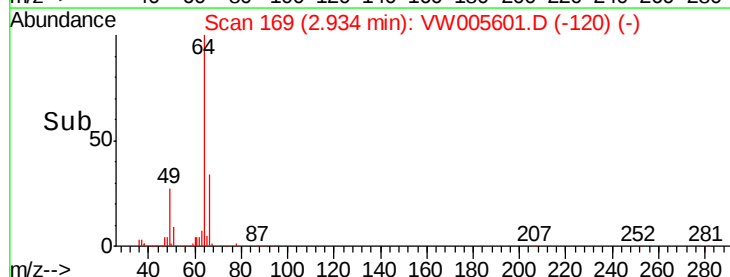
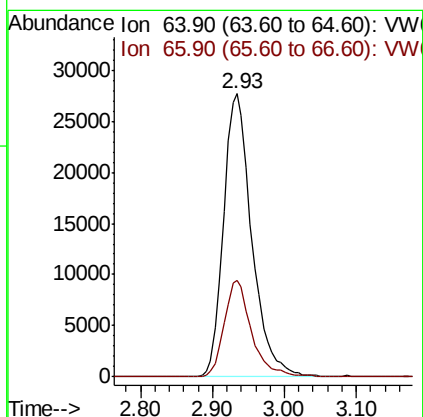
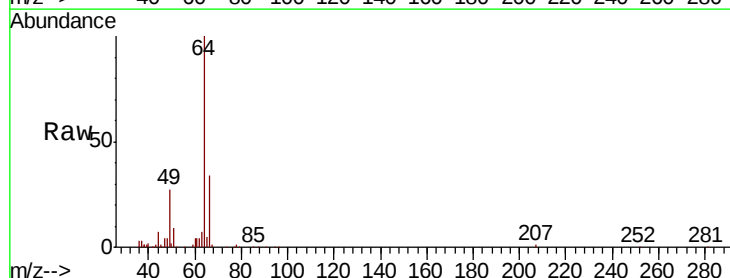
Acq: 25 Sep 2018 10:35

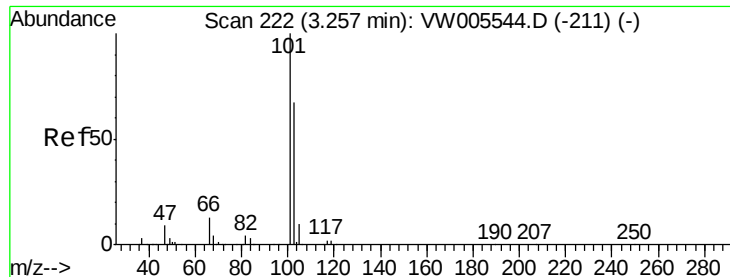
Tgt Ion: 64 Resp: 75676

Ion Ratio Lower Upper

64 100

66 33.8 26.0 39.0





#7

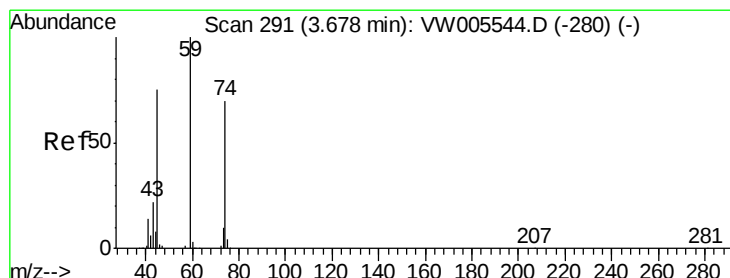
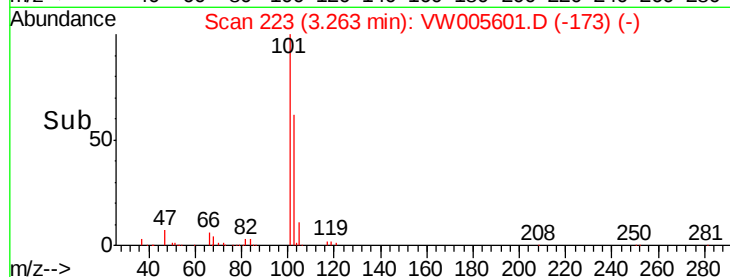
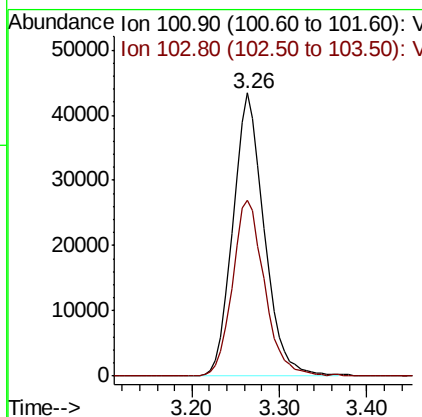
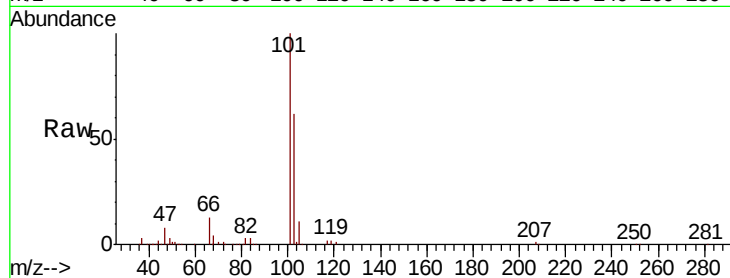
Trichlorofluoromethane
 Concen: 59.069 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VW005601.D
 Acq: 25 Sep 2018 10:35

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 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.1	53.2	79.8

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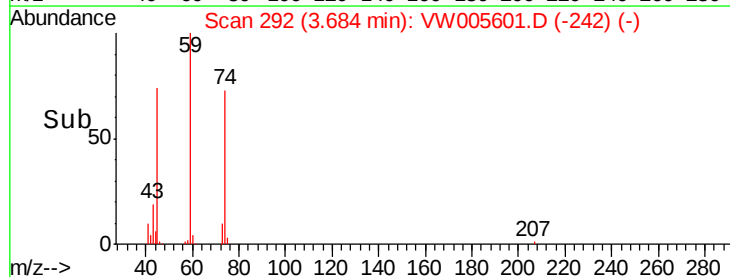
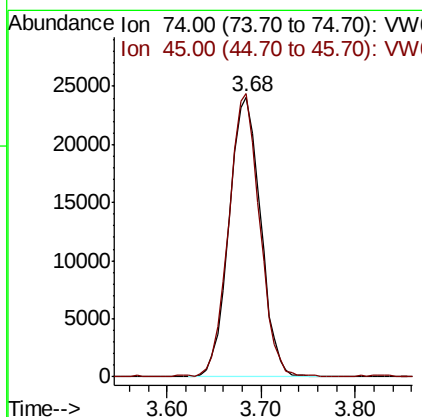
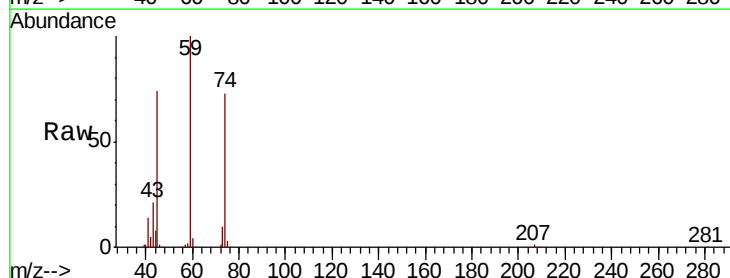
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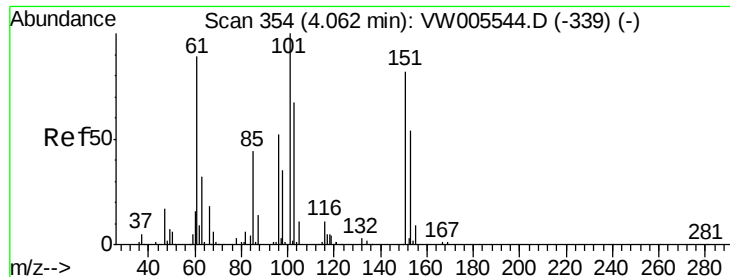


#8

Diethyl Ether
 Concen: 47.011 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.01 min
 Lab File: VW005601.D
 Acq: 25 Sep 2018 10:35

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.2	51.7	155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.227 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW005601.D

Acq: 25 Sep 2018 10:35

Instrument :

MSVOA_W

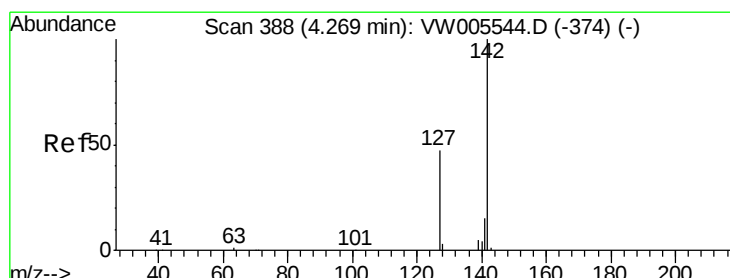
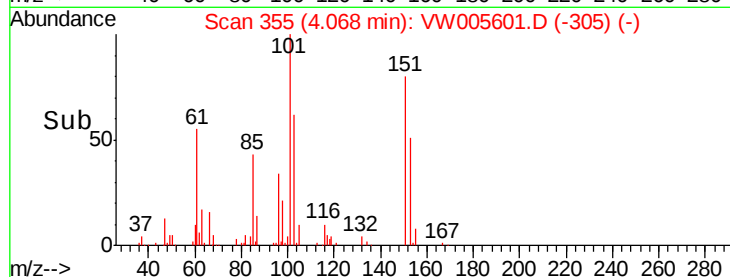
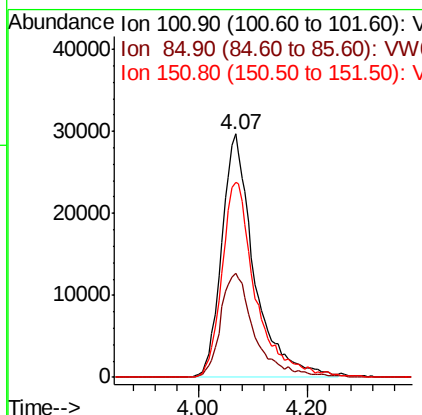
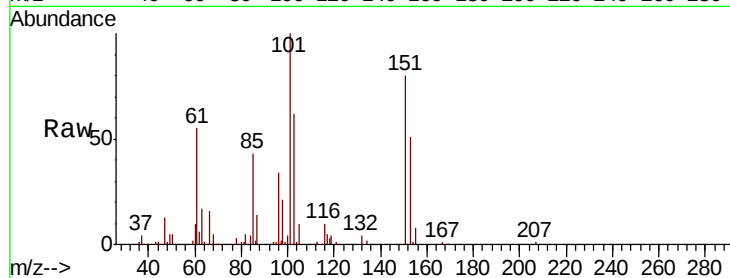
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	123070
Ion Ratio	Lower	Upper	
101	100		
85	45.0	36.4	54.6
151	83.2	65.8	98.6

Manual Integrations
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#10

Methyl Iodide

Concen: 51.218 ug/l

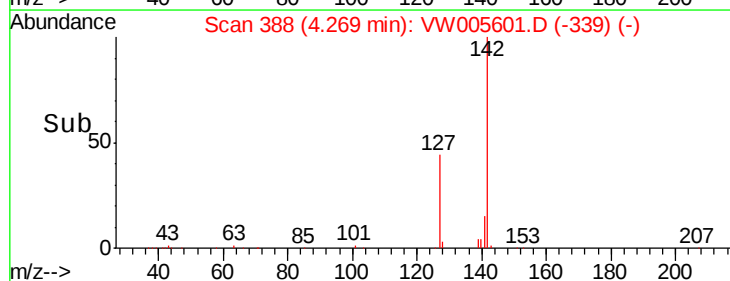
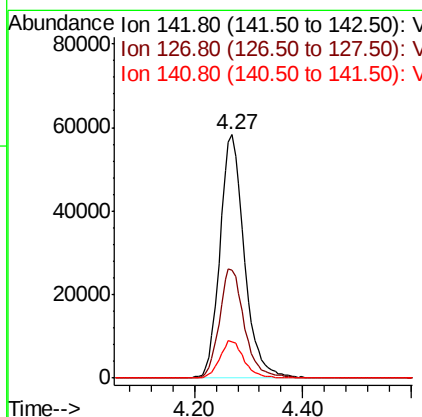
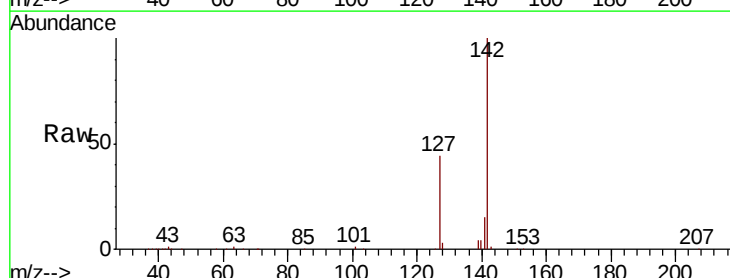
RT: 4.27 min Scan# 388

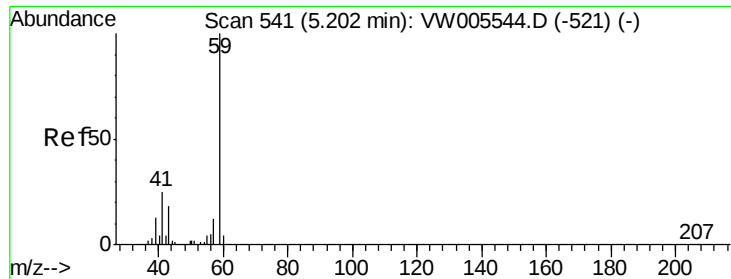
Delta R.T. -0.00 min

Lab File: VW005601.D

Acq: 25 Sep 2018 10:35

Tgt Ion:	142	Resp:	182122
Ion Ratio	Lower	Upper	
142	100		
127	45.7	37.4	56.0
141	15.3	11.9	17.9





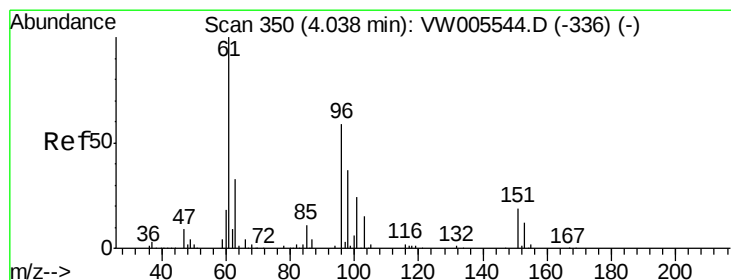
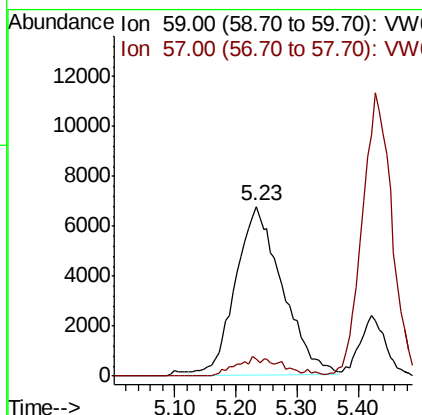
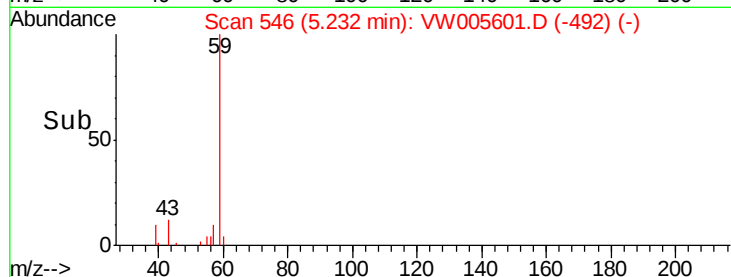
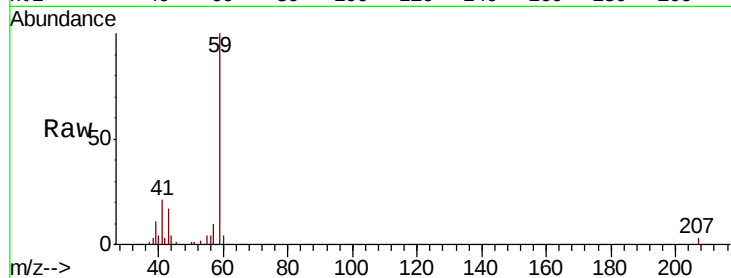
#11
Tert butyl alcohol
Concen: 242.886 ug/l
RT: 5.23 min Scan# 546
Delta R.T. 0.03 min
Lab File: VW005601.D
Acq: 25 Sep 2018 10:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 35918
Ion Ratio Lower Upper
59 100
57 5.6 8.3 12.5#

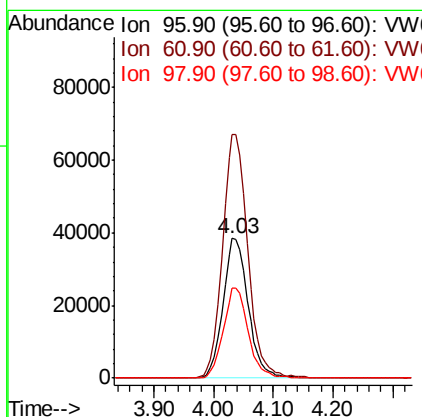
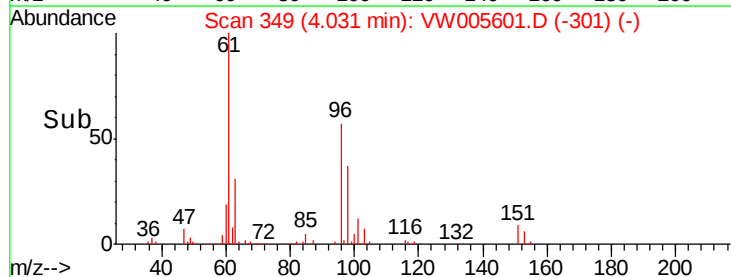
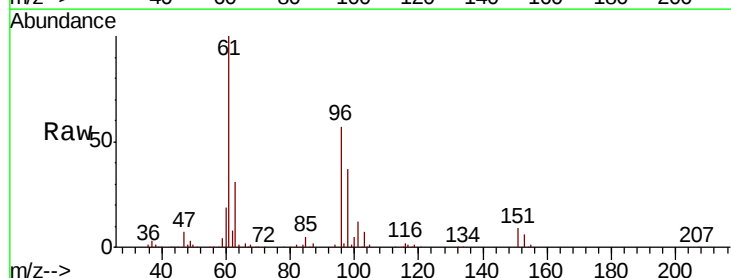
Manual Integrations
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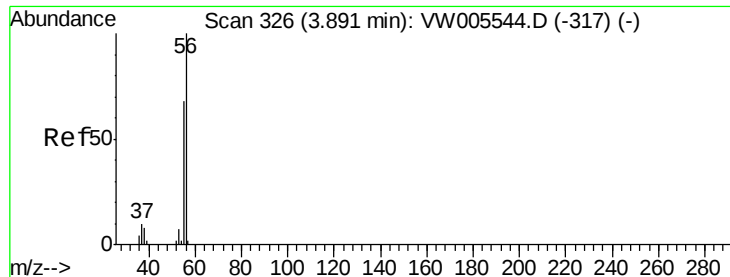
apatel
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#12
1,1-Dichloroethene
Concen: 51.032 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW005601.D
Acq: 25 Sep 2018 10:35

Tgt Ion: 96 Resp: 112963
Ion Ratio Lower Upper
96 100
61 174.1 135.0 202.6
98 64.4 50.6 76.0





#13

Acrolein

Concen: 255.774 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW005601.D

Acq: 25 Sep 2018 10:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 25242

Ion Ratio Lower Upper

56 100

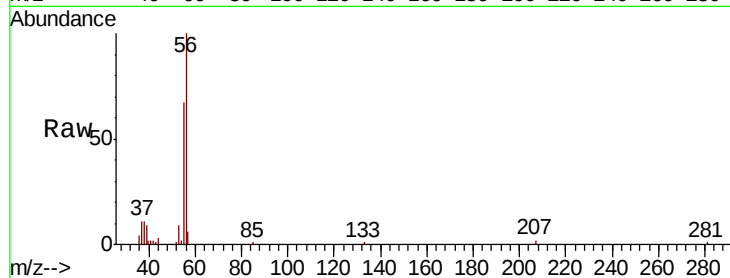
55 71.1 57.8 86.8

Manual Integrations

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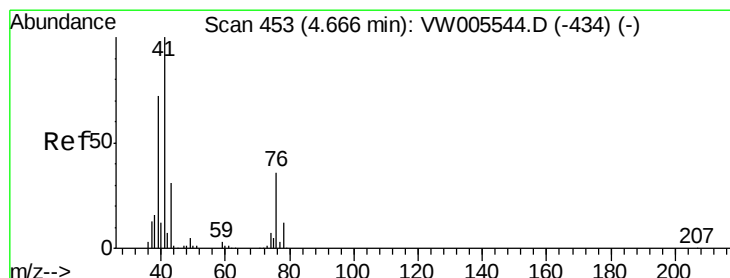
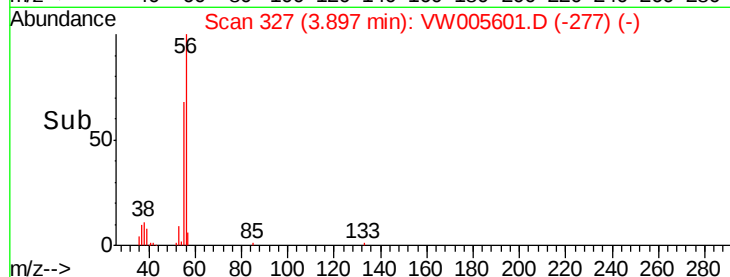
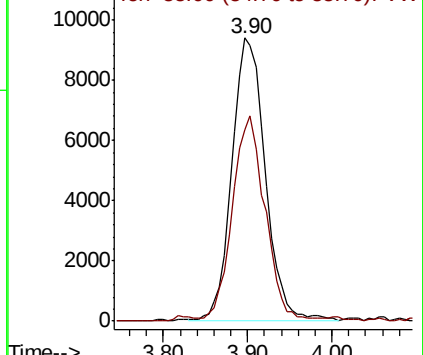
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 50.536 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW005601.D

Acq: 25 Sep 2018 10:35

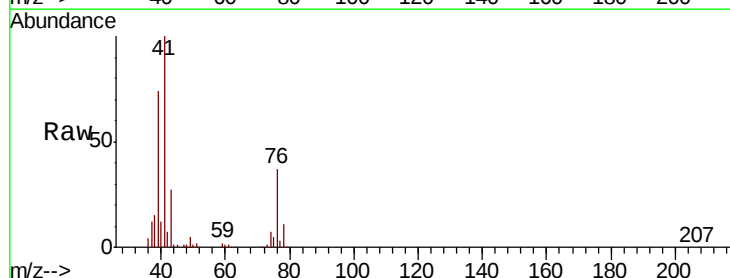
Tgt Ion: 41 Resp: 195228

Ion Ratio Lower Upper

41 100

39 73.1 59.6 89.4

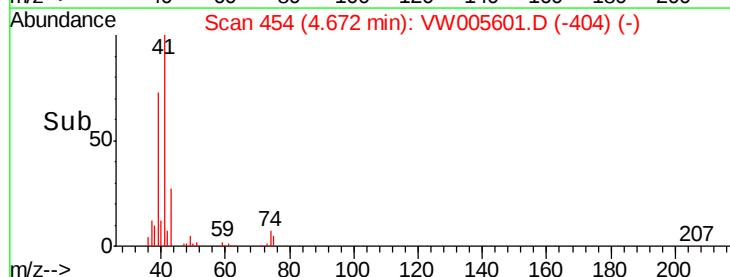
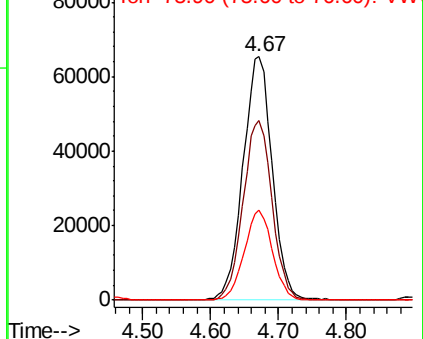
76 35.7 27.7 41.5

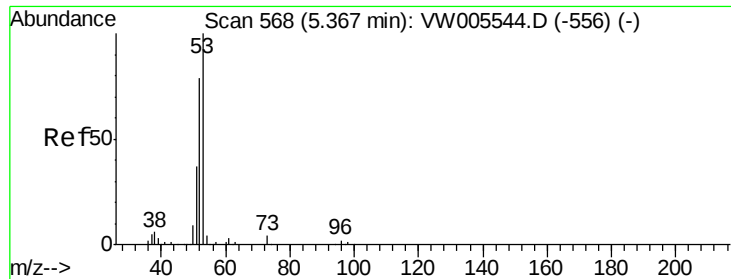


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 227.624 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW005601.D

Acq: 25 Sep 2018 10:35

Instrument :

MSVOA_W

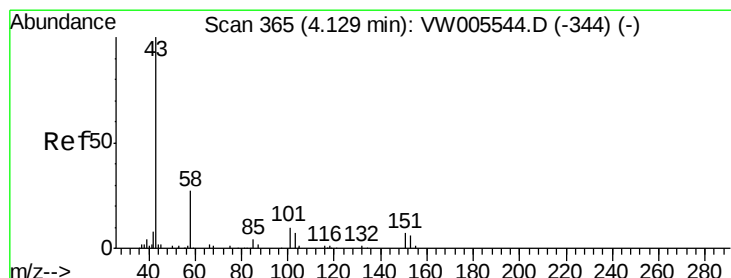
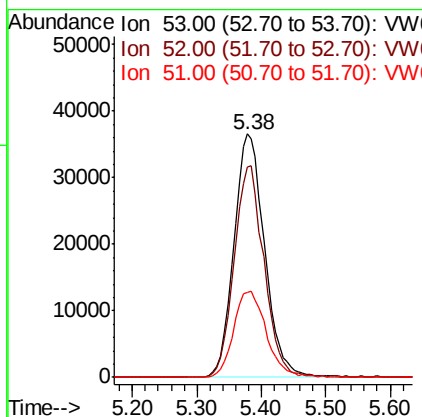
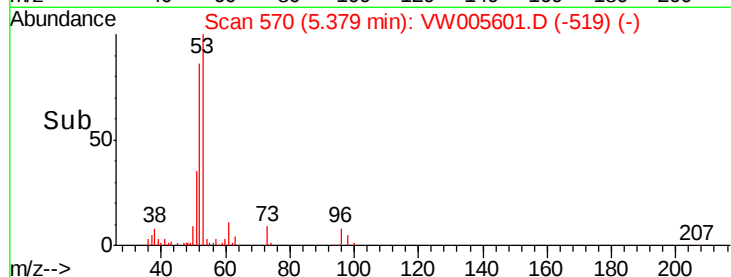
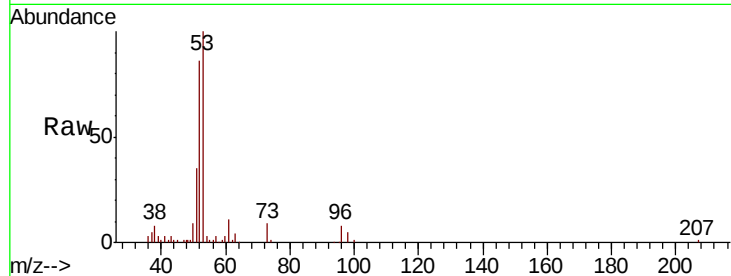
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	120586
Ion Ratio		Lower	Upper
53	100		
52	84.7	66.5	99.7
51	37.5	30.6	46.0

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#16

Acetone

Concen: 290.622 ug/l

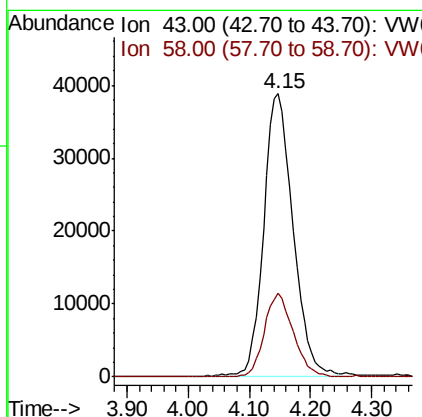
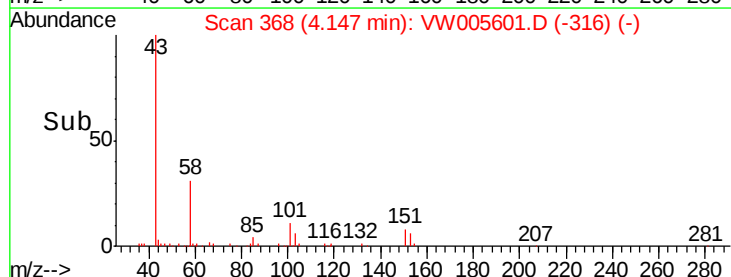
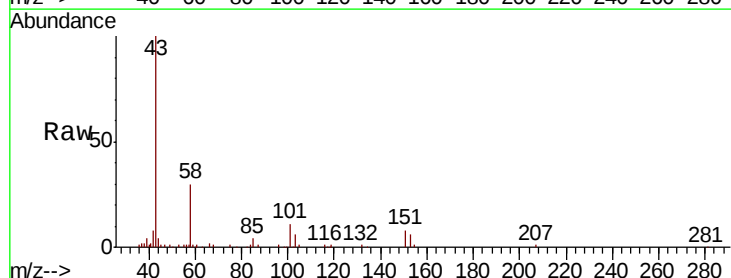
RT: 4.15 min Scan# 368

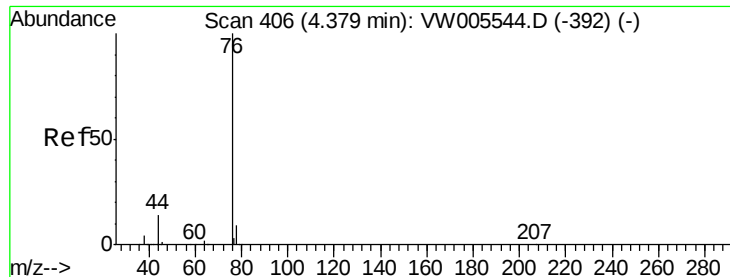
Delta R.T. 0.02 min

Lab File: VW005601.D

Acq: 25 Sep 2018 10:35

Tgt Ion:	43	Resp:	130129
Ion Ratio		Lower	Upper
43	100		
58	29.7	21.8	32.8





#17

Carbon Disulfide

Concen: 50.431 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW005601.D

Acq: 25 Sep 2018 10:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 348791

Ion Ratio Lower Upper

76 100

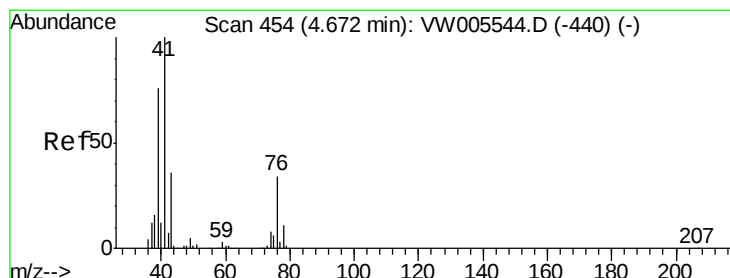
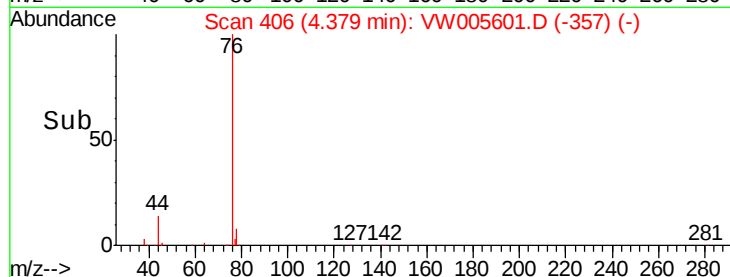
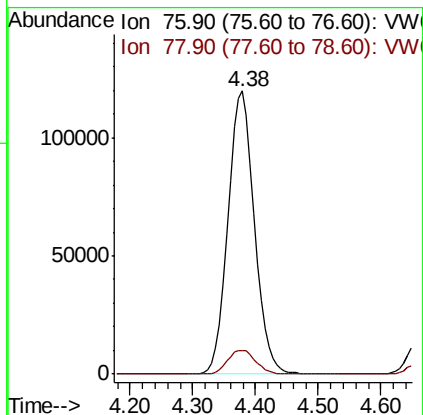
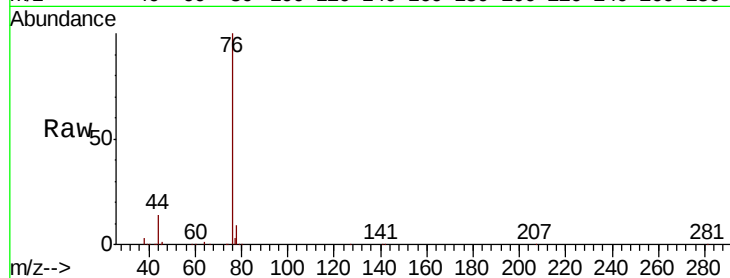
78 8.5 7.4 11.0

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#18

Methyl Acetate

Concen: 44.271 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW005601.D

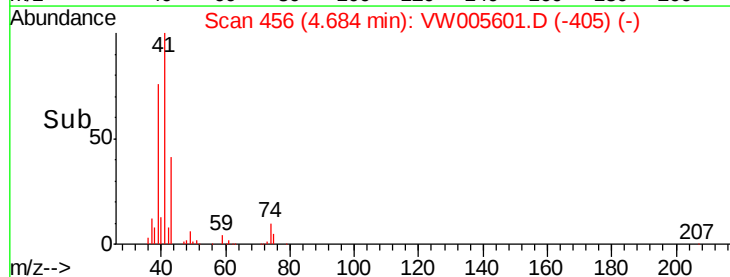
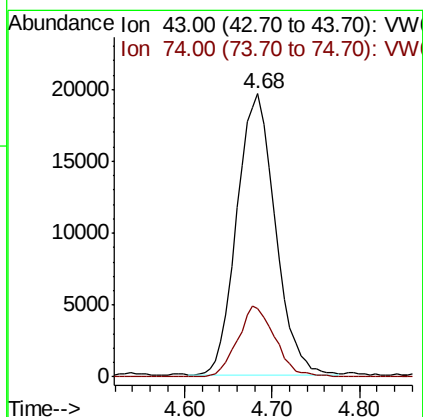
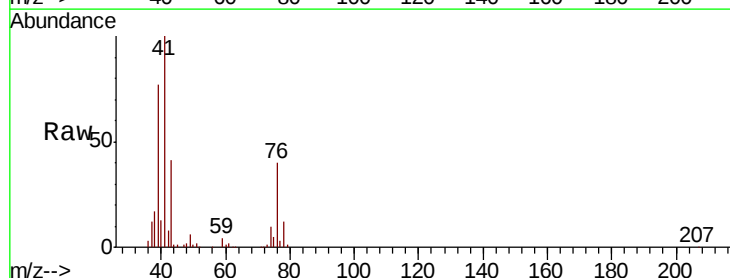
Acq: 25 Sep 2018 10:35

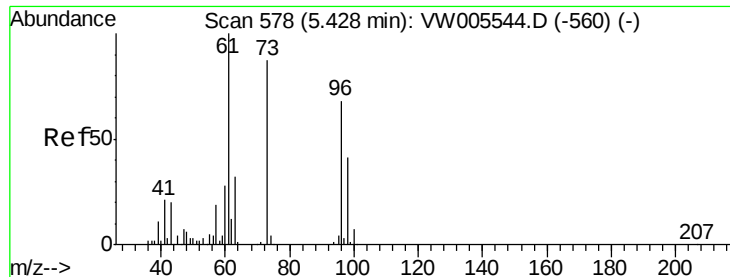
Tgt Ion: 43 Resp: 60080

Ion Ratio Lower Upper

43 100

74 24.3 19.2 28.8





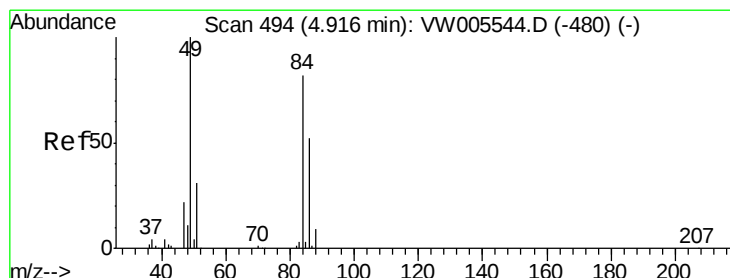
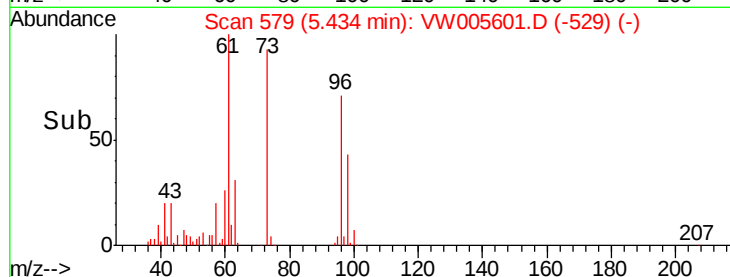
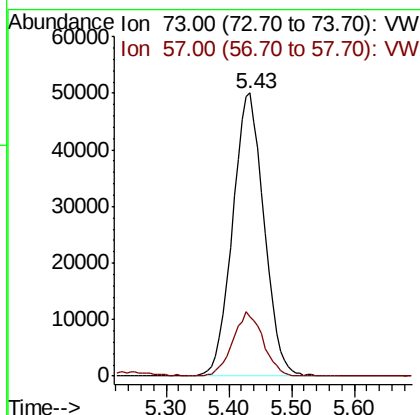
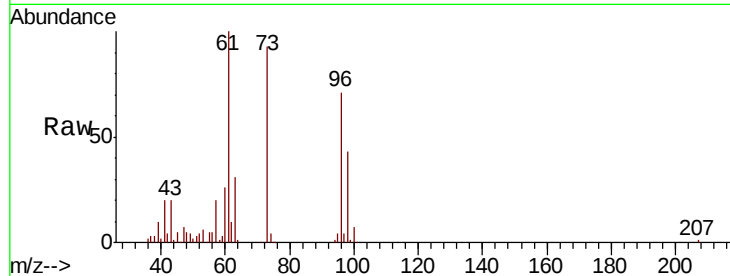
#19
Methyl tert-butyl Ether
Concen: 50.626 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW005601.D
Acq: 25 Sep 2018 10:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 172972
Ion Ratio Lower Upper
73 100
57 21.2 17.6 26.4

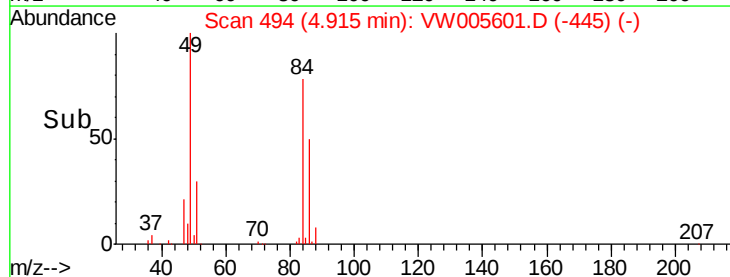
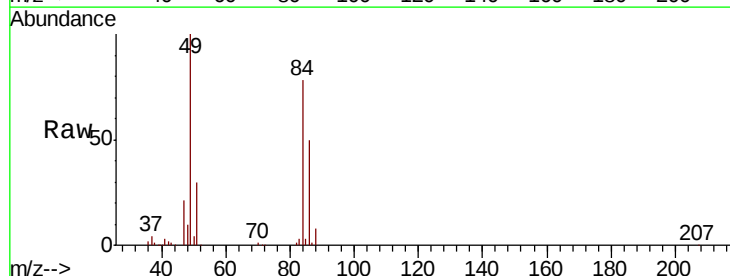
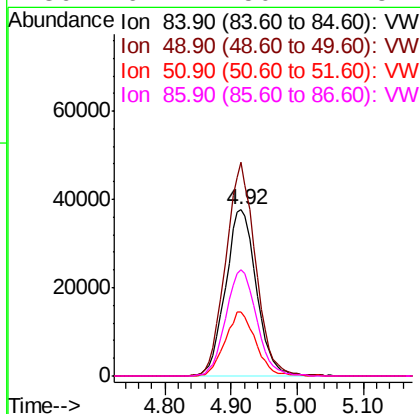
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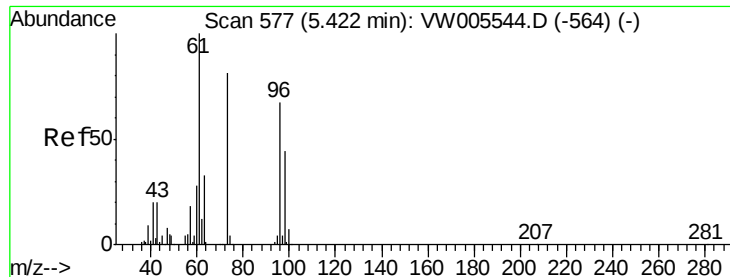
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#20
Methylene Chloride
Concen: 50.973 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW005601.D
Acq: 25 Sep 2018 10:35

Tgt Ion: 84 Resp: 122083
Ion Ratio Lower Upper
84 100
49 128.7 97.0 145.6
51 38.4 30.2 45.2
86 64.2 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 50.662 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW005601.D

Acq: 25 Sep 2018 10:35

Instrument :

MSVOA_W

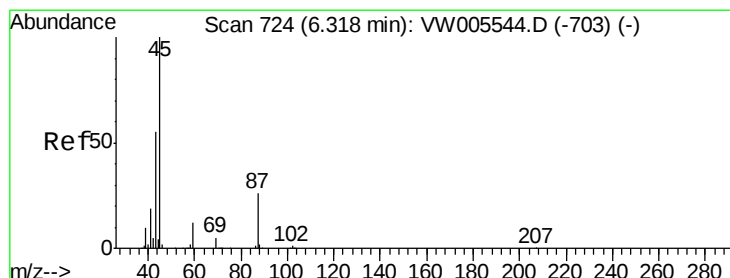
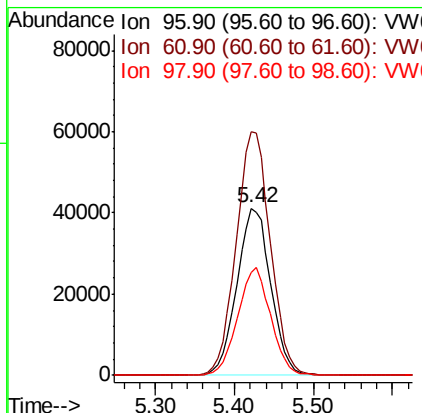
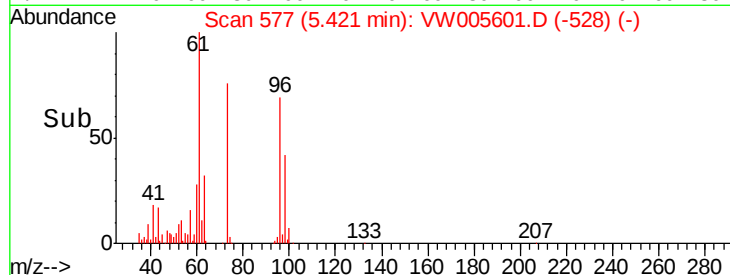
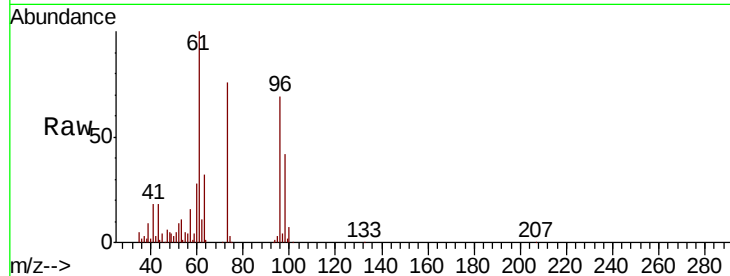
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	122831
Ion Ratio	Lower	Upper	
96	100		
61	145.6	118.9	178.3
98	61.7	52.1	78.1

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#22

Diisopropyl ether

Concen: 50.383 ug/l

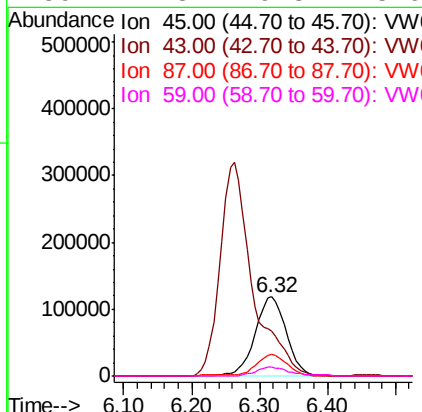
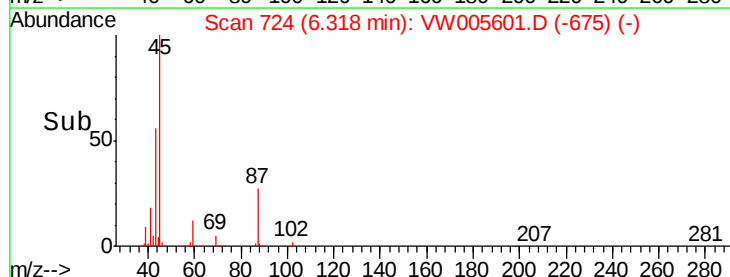
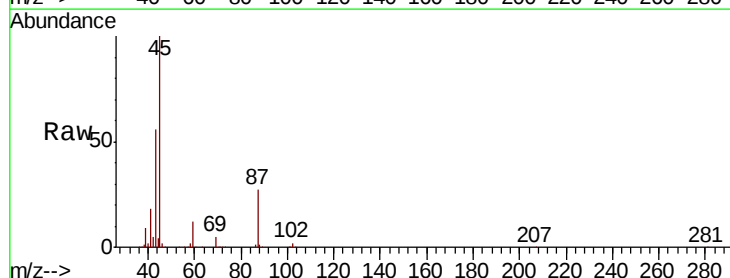
RT: 6.32 min Scan# 724

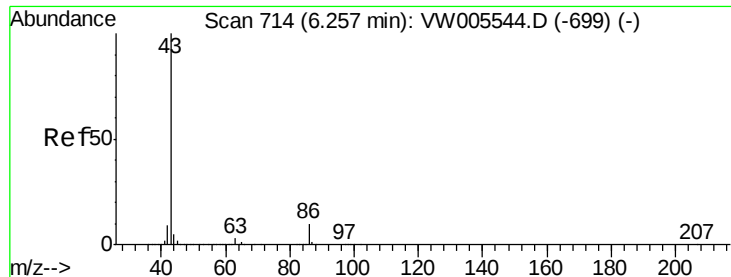
Delta R.T. -0.00 min

Lab File: VW005601.D

Acq: 25 Sep 2018 10:35

Tgt Ion:	45	Resp:	377840
Ion Ratio	Lower	Upper	
45	100		
43	55.7	44.2	66.4
87	27.2	21.4	32.2
59	11.3	9.3	13.9





#23

Vinyl Acetate

Concen: 247.422 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.01 min

Lab File: VW005601.D

Acq: 25 Sep 2018 10:35

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 1060545

Ion Ratio Lower Upper

43 100

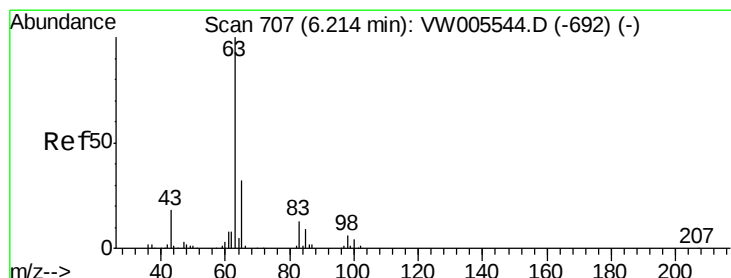
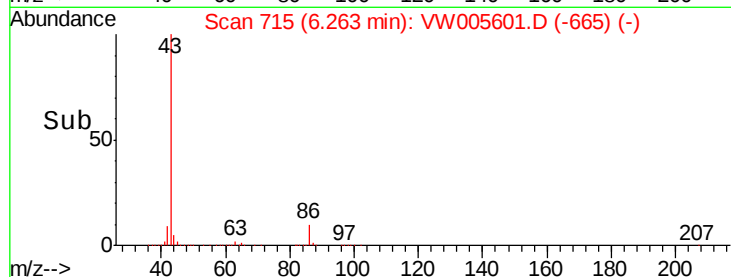
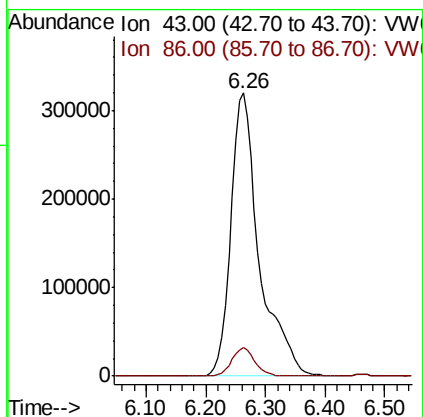
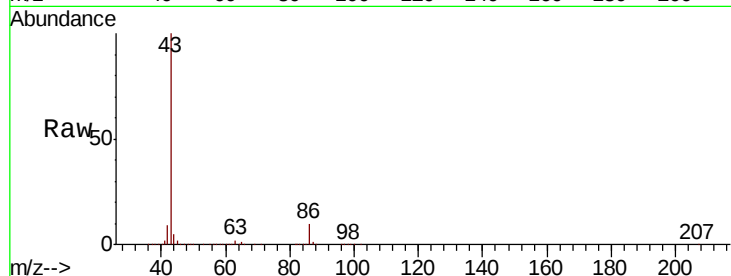
86 9.9 7.7 11.5

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#24

1,1-Dichloroethane

Concen: 49.877 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW005601.D

Acq: 25 Sep 2018 10:35

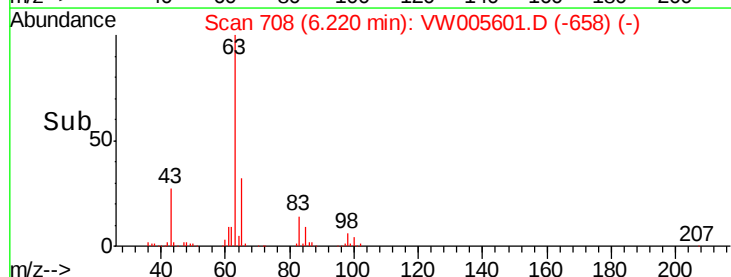
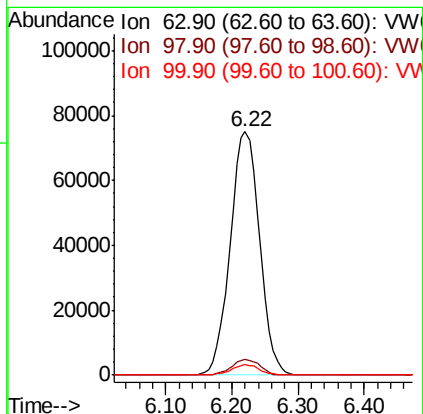
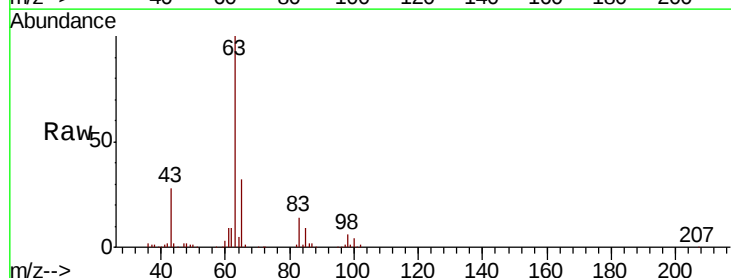
Tgt Ion: 63 Resp: 231097

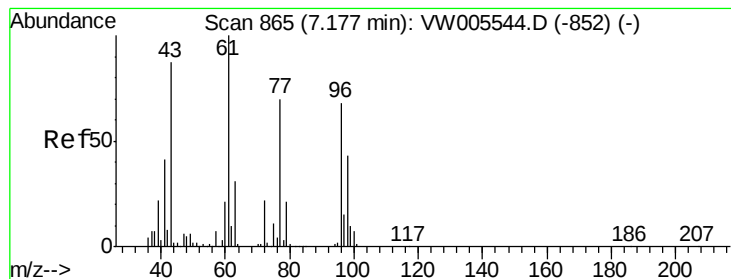
Ion Ratio Lower Upper

63 100

98 6.4 2.9 8.8

100 4.2 2.1 6.2





#25

2-Butanone

Concen: 227.304 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW005601.D

Acq: 25 Sep 2018 10:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 158074

Ion Ratio Lower Upper

43 100

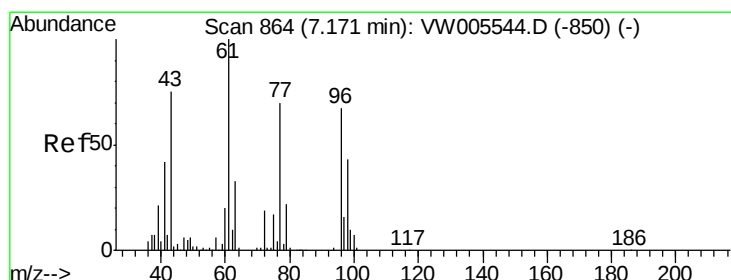
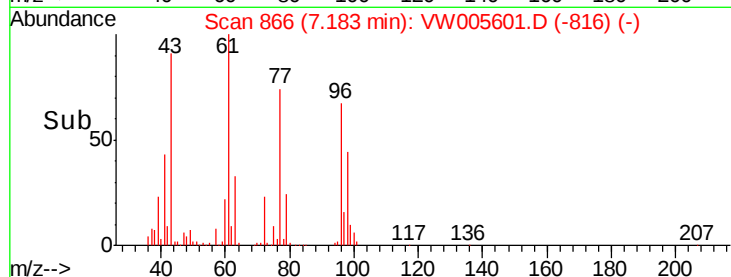
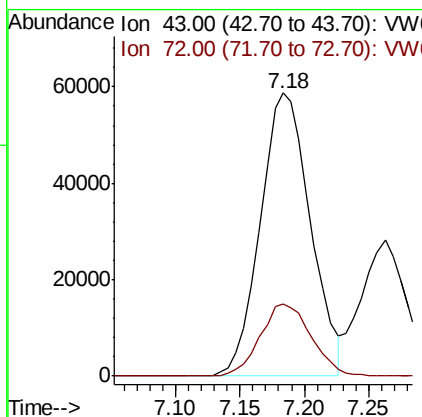
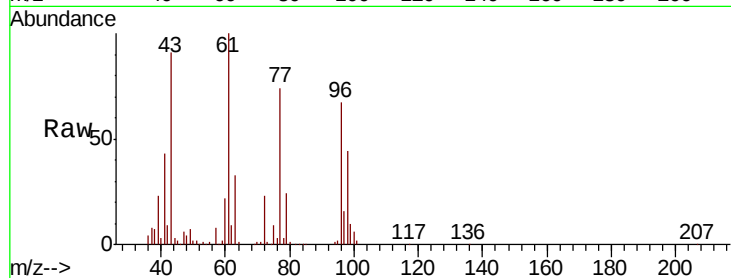
72 25.5 19.9 29.9

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#26

2,2-Dichloropropane

Concen: 52.153 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW005601.D

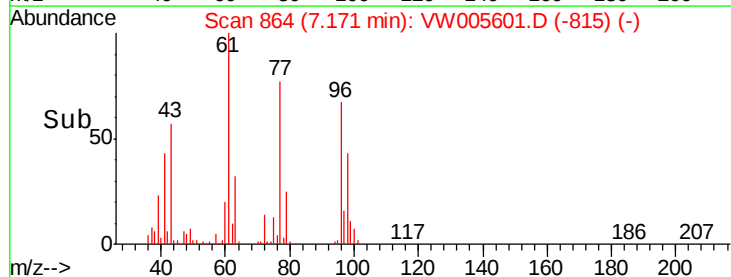
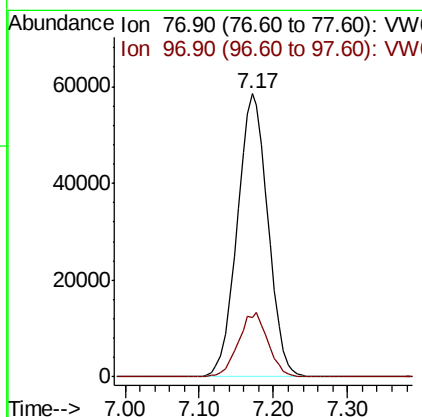
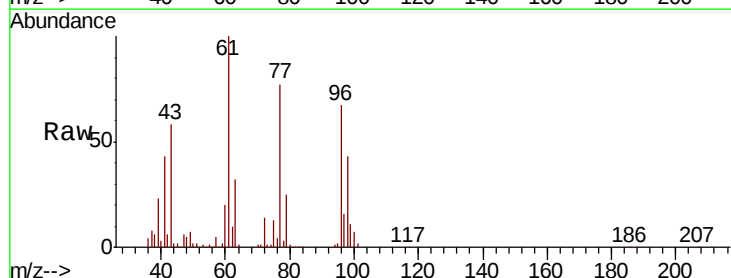
Acq: 25 Sep 2018 10:35

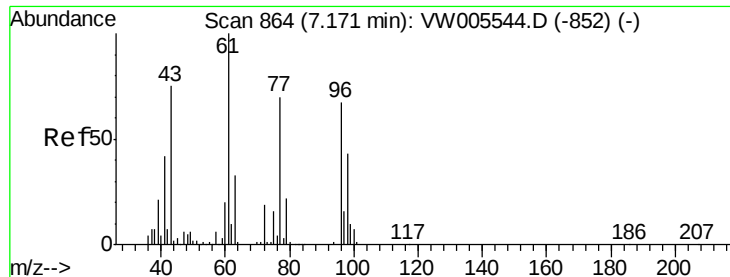
Tgt Ion: 77 Resp: 168698

Ion Ratio Lower Upper

77 100

97 21.9 11.0 33.0





#27

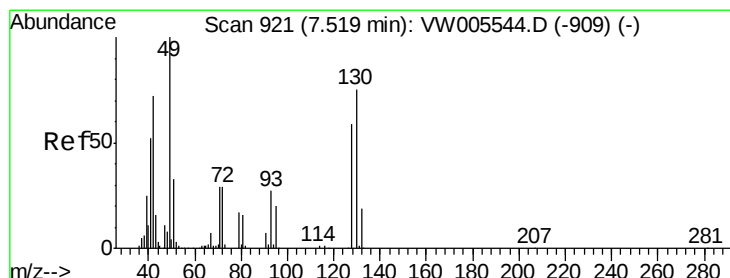
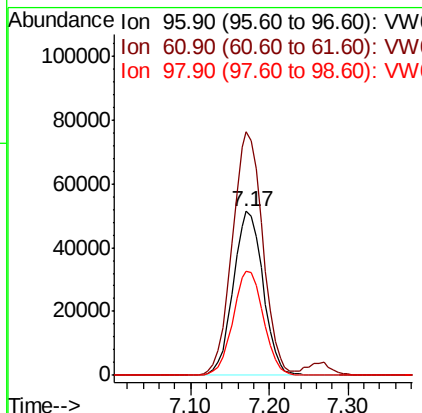
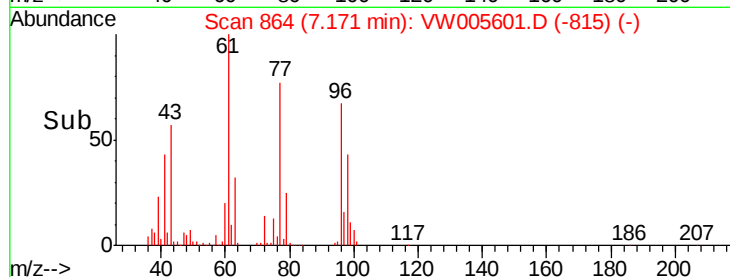
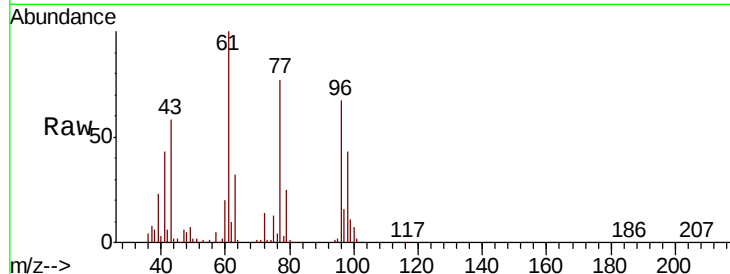
cis-1,2-Dichloroethene
 Concen: 50.464 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW005601.D
 Acq: 25 Sep 2018 10:35

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	151.9	0.0	303.4	
98	64.8	0.0	127.2	

Manual Integrations
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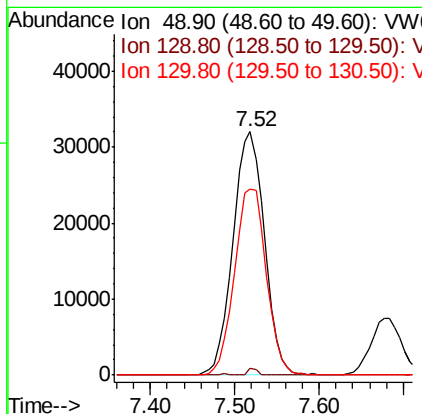
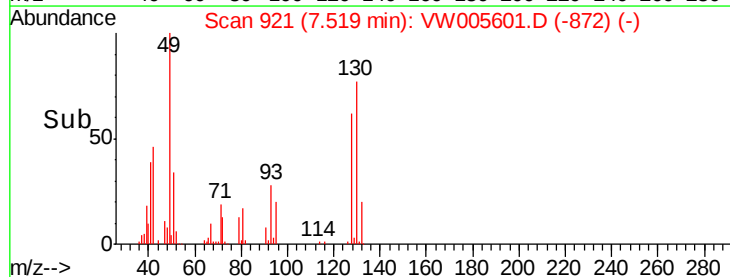
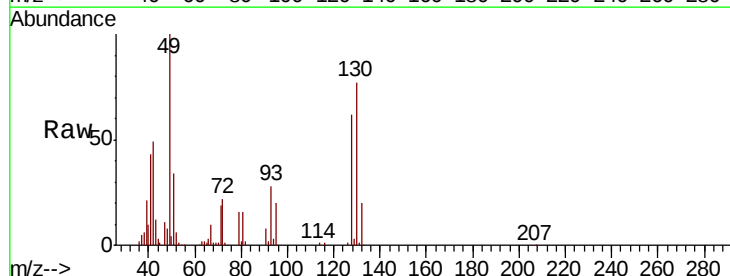
apatel
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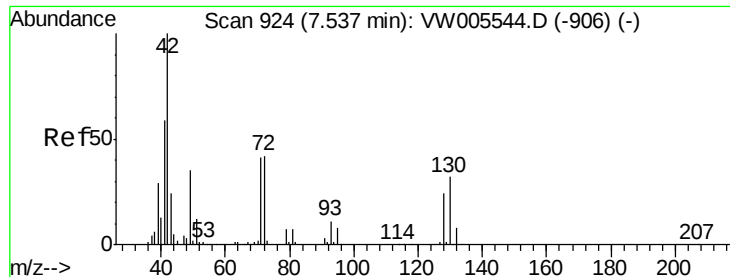


#28

Bromochloromethane
 Concen: 44.026 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VW005601.D
 Acq: 25 Sep 2018 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	0.7	0.0	1.4	
130	77.3	61.3	91.9	





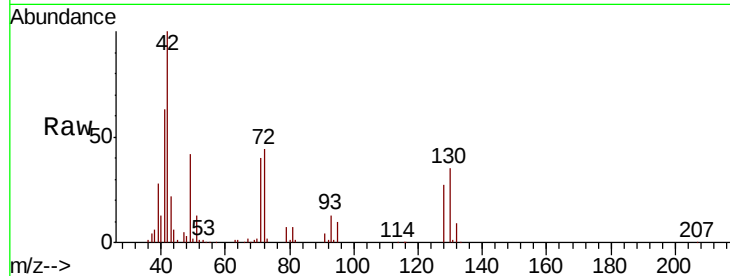
#29
Tetrahydrofuran
Concen: 226.187 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005601.D
Acq: 25 Sep 2018 10:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.4	33.6	50.4
71	40.3	31.8	47.6

Manual Integrations
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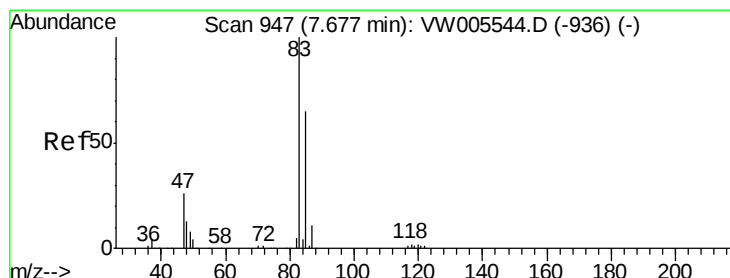
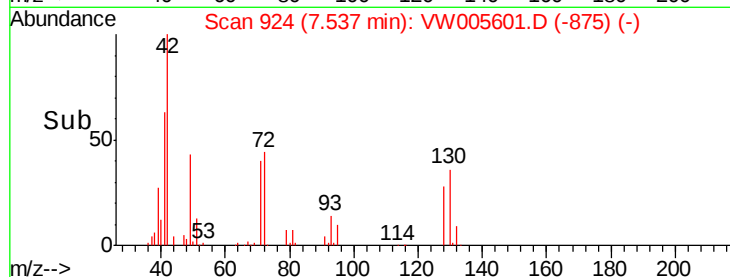
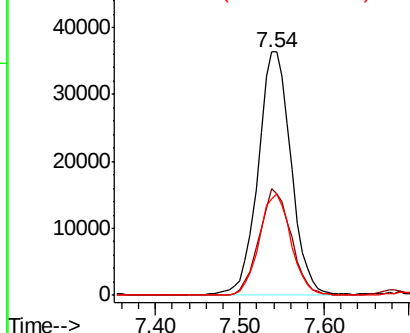


Abundance

Ion 42.00 (41.70 to 42.70): VW

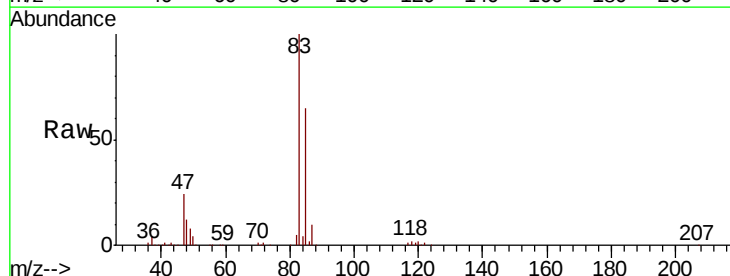
Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#30
Chloroform
Concen: 49.253 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW005601.D
Acq: 25 Sep 2018 10:35

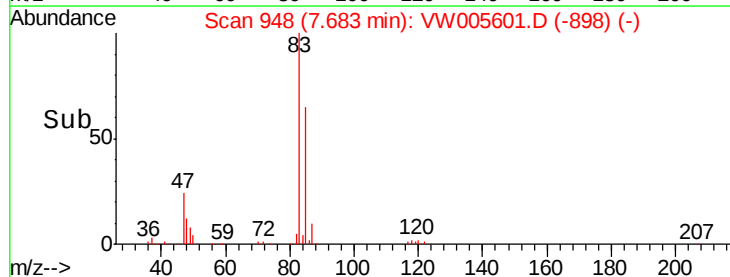
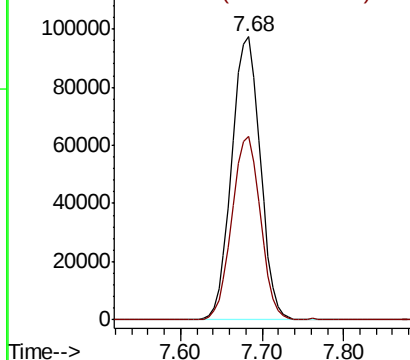
Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.8	77.6

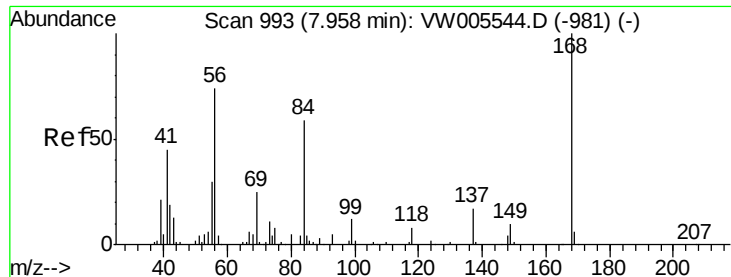


Abundance

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW





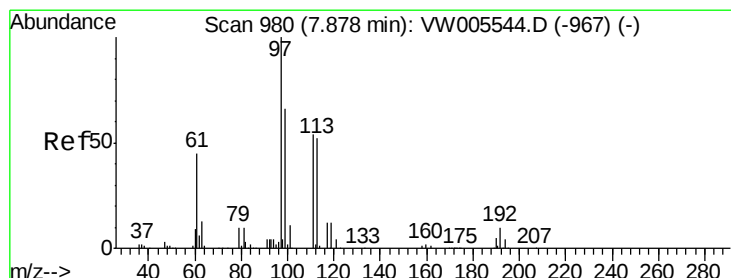
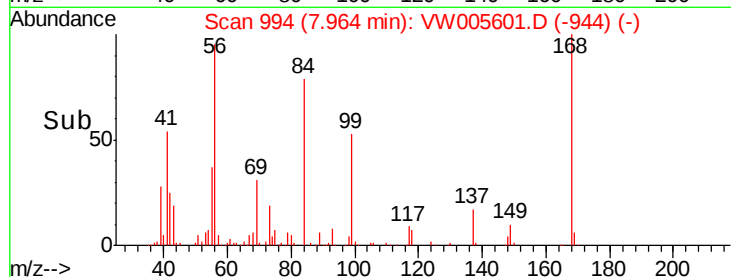
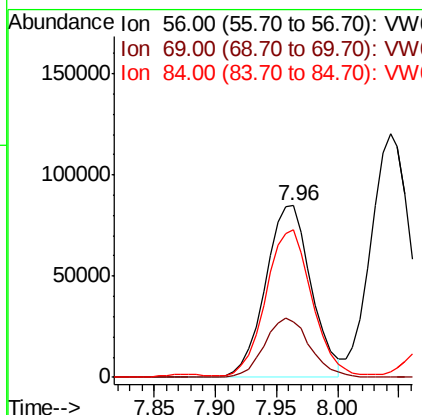
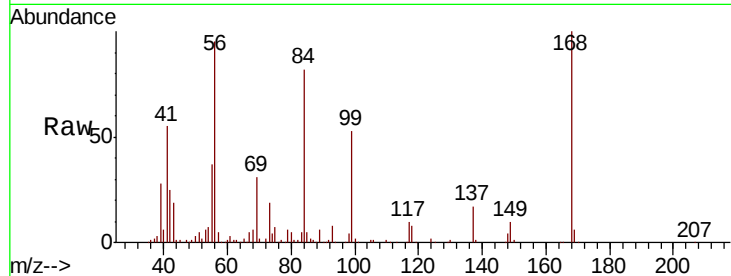
#31
Cyclohexane
Concen: 49.671 ug/l
RT: 7.96 min Scan# 994
Delta R.T. 0.01 min
Lab File: VW005601.D
Acq: 25 Sep 2018 10:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
56	100	220493		
69	32.5		27.0	40.4
84	84.6		64.2	96.4

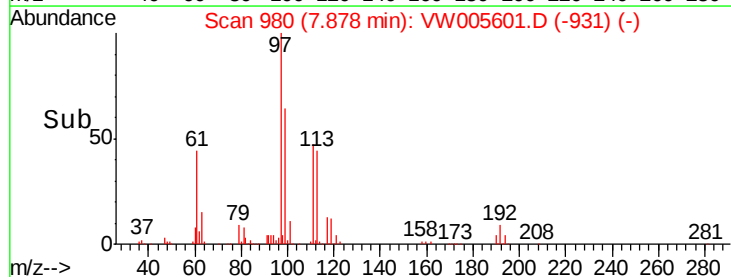
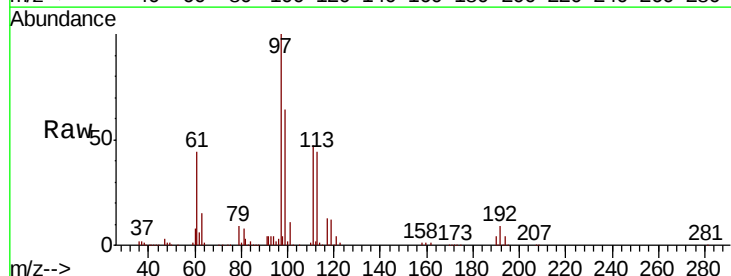
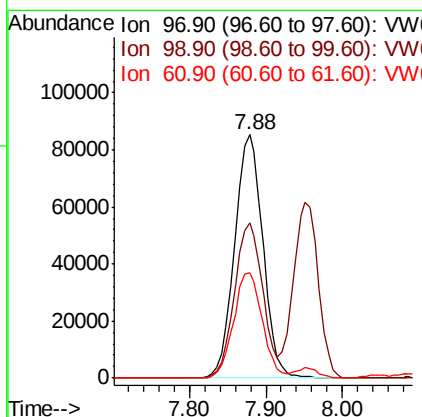
Manual Integrations
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#32
1,1,1-Trichloroethane
Concen: 51.673 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005601.D
Acq: 25 Sep 2018 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	218359		
99	63.7		51.0	76.6
61	44.0		36.2	54.2





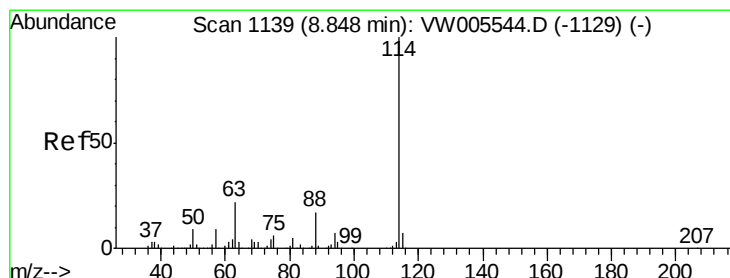
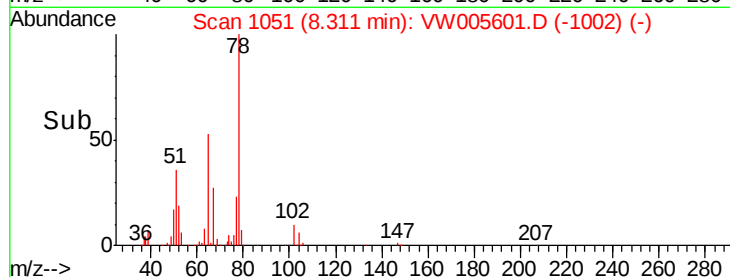
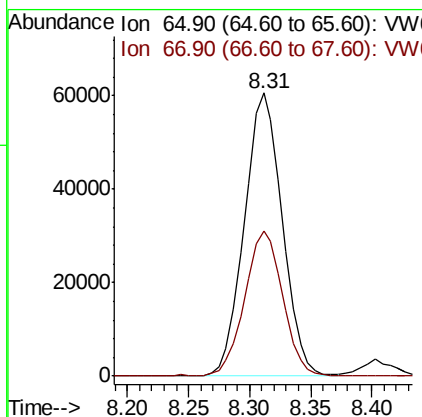
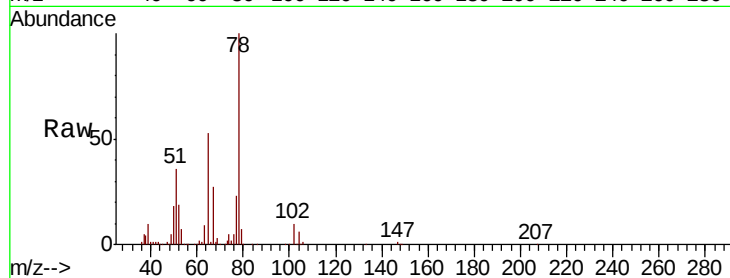
#33
 1,2-Dichloroethane-d4
 Concen: 45.760 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005601.D
 Acq: 25 Sep 2018 10:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.2	0.0	100.6	

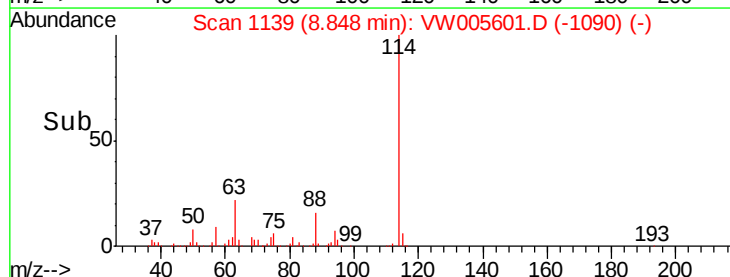
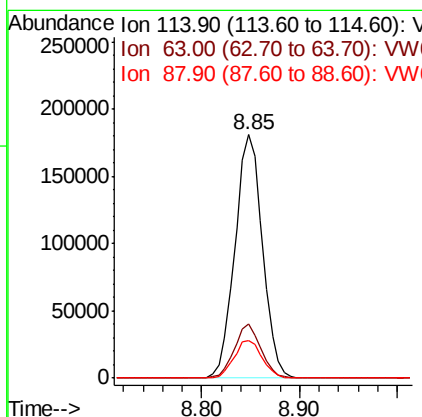
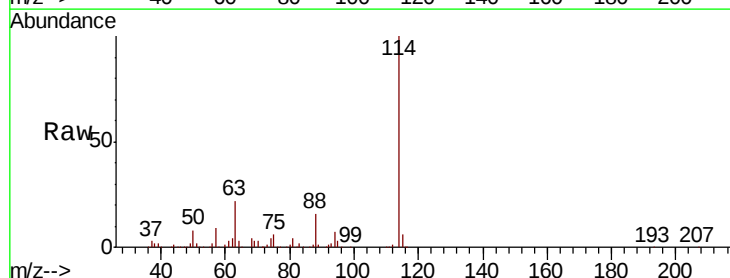
Manual Integrations
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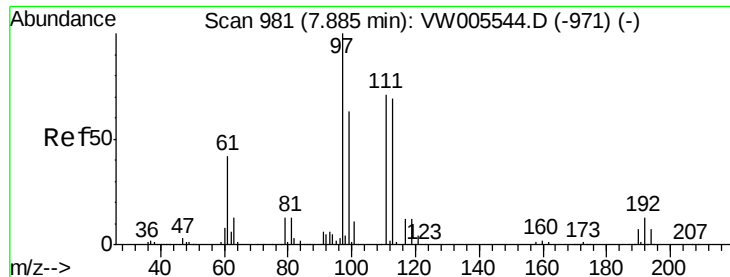
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005601.D
 Acq: 25 Sep 2018 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.2	0.0	43.0	
88	15.6	0.0	33.0	





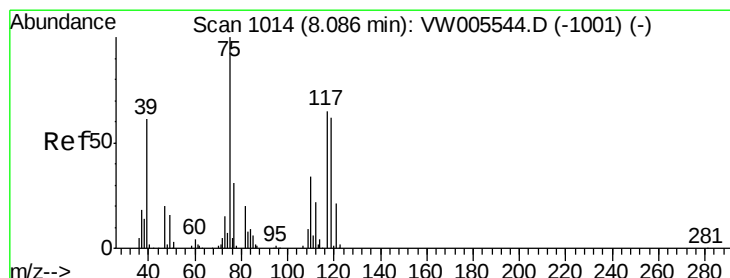
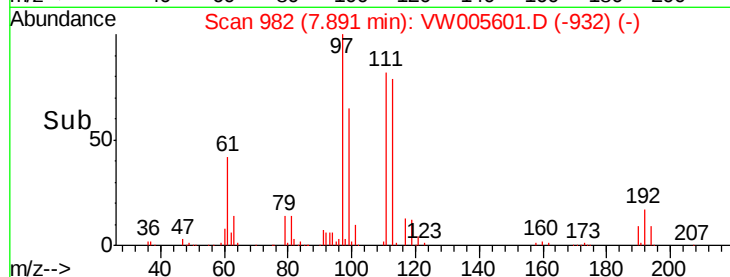
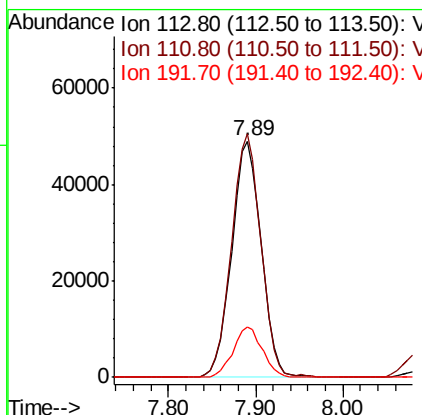
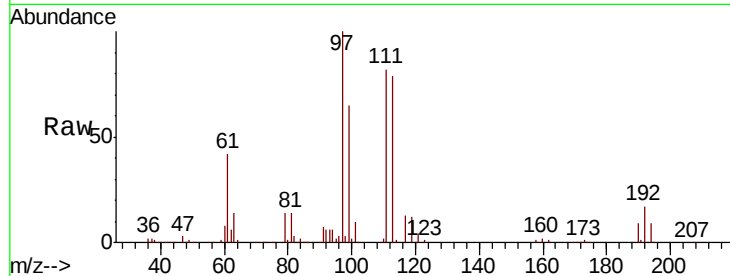
#35
 Dibromofluoromethane
 Concen: 51.853 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005601.D
 Acq: 25 Sep 2018 10:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	115007		
111	102.6	82.6	123.8	
192	21.2	17.0	25.4	

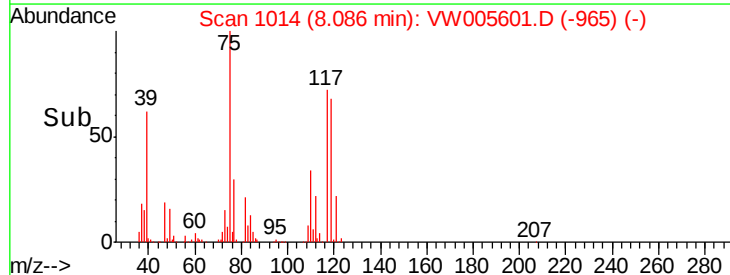
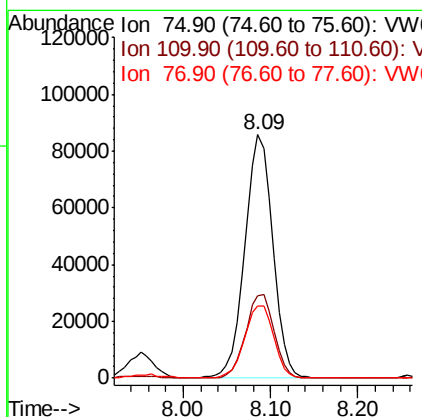
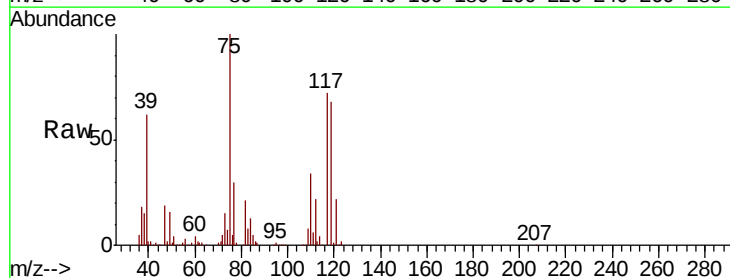
Manual Integrations
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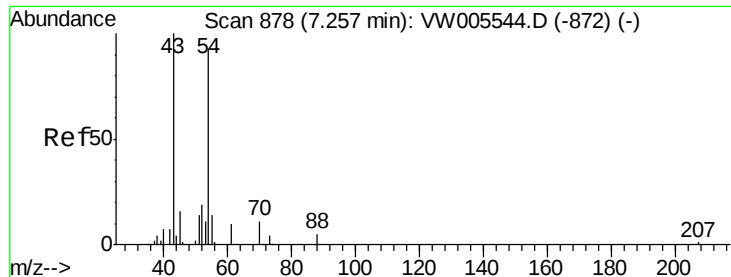
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#36
 1,1-Dichloropropene
 Concen: 53.666 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW005601.D
 Acq: 25 Sep 2018 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	190539		
110	35.0	17.0	50.9	
77	31.2	24.8	37.2	





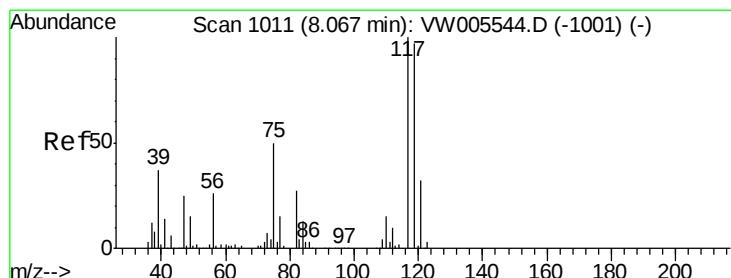
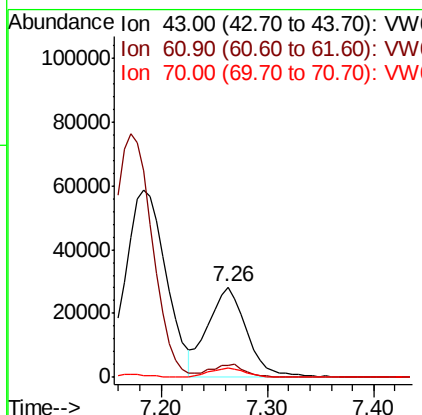
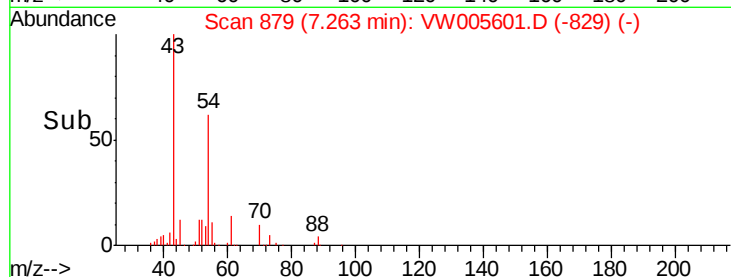
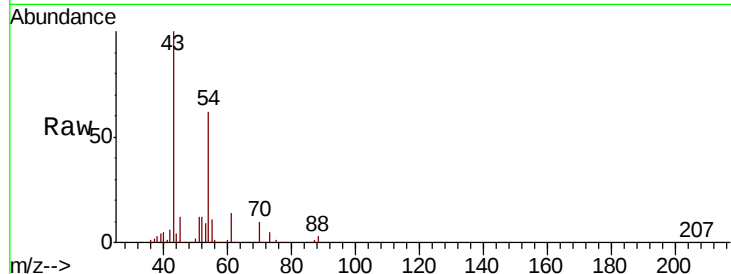
#37
Ethyl Acetate
Concen: 47.483 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW005601.D
Acq: 25 Sep 2018 10:35

Instrument :
MSVOA_W
ClientSampleID :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.4	15.6
70	10.0	8.2	12.2

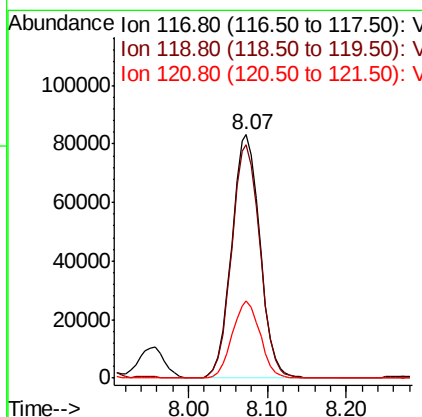
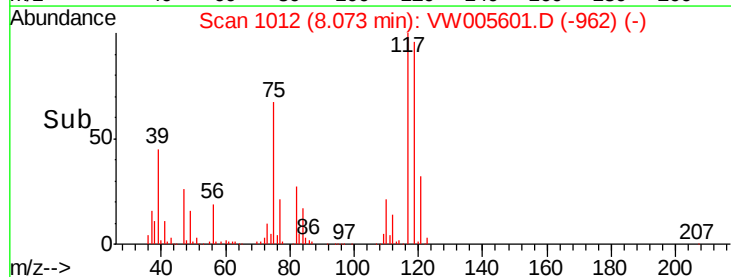
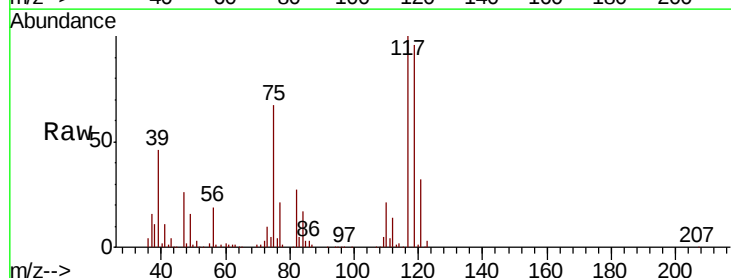
Manual Integrations
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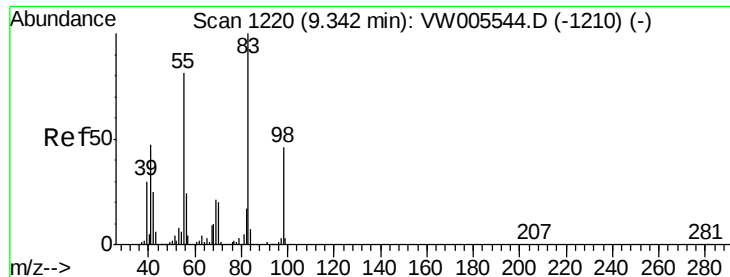
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#38
Carbon Tetrachloride
Concen: 54.433 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW005601.D
Acq: 25 Sep 2018 10:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.6	116.4
121	31.5	25.7	38.5





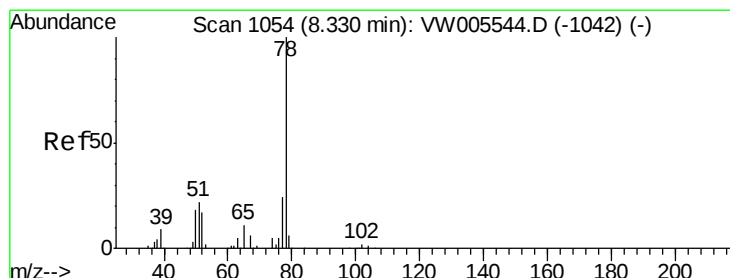
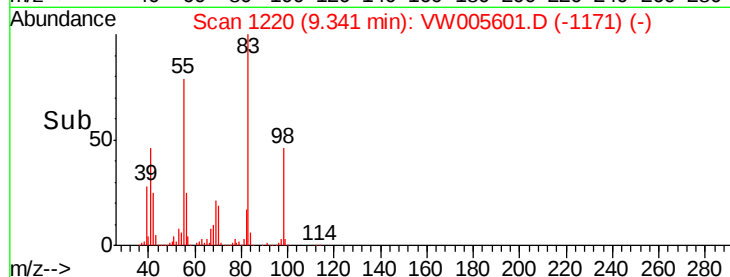
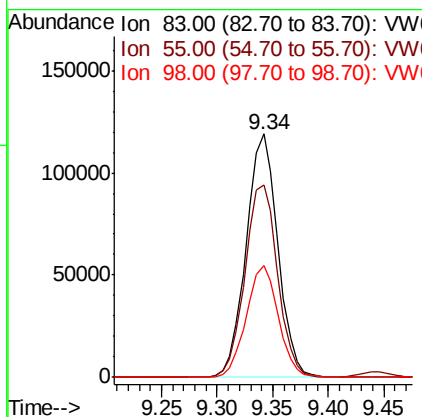
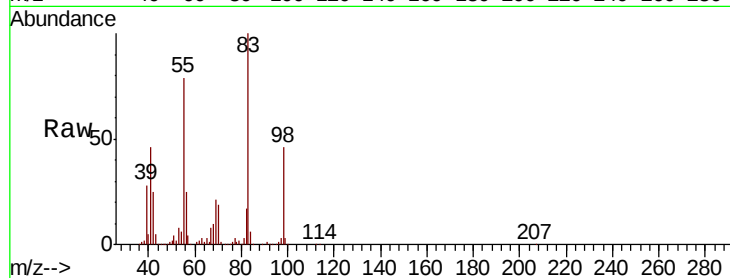
#39
Methvlcvclohexane
Concen: 56.460 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005601.D
Acq: 25 Sep 2018 10:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.0	64.6	97.0
98	46.0	37.0	55.6

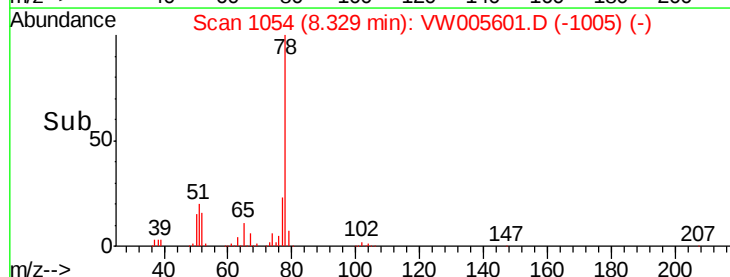
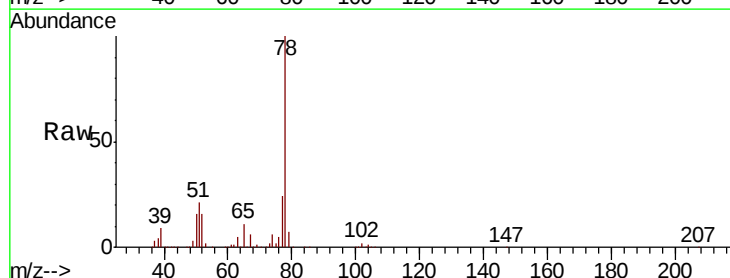
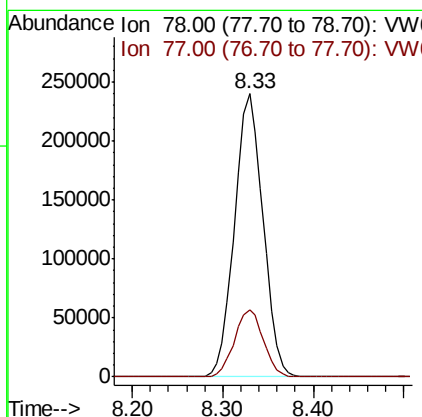
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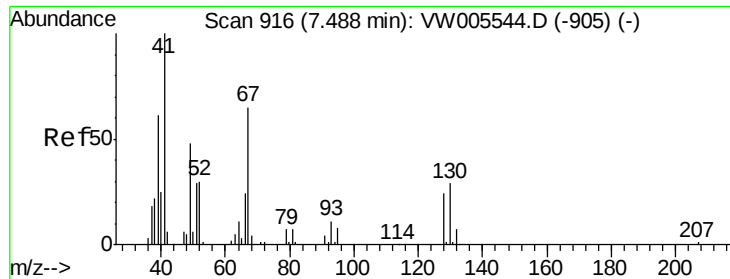
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#40
Benzene
Concen: 51.917 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005601.D
Acq: 25 Sep 2018 10:35

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.4





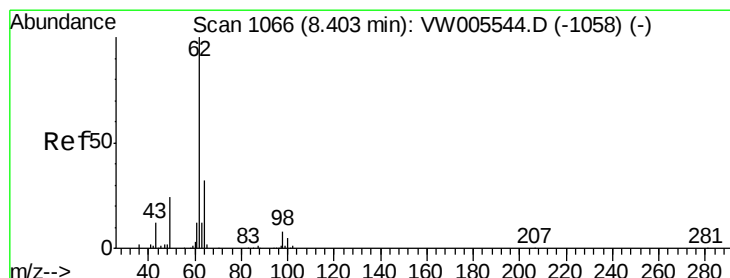
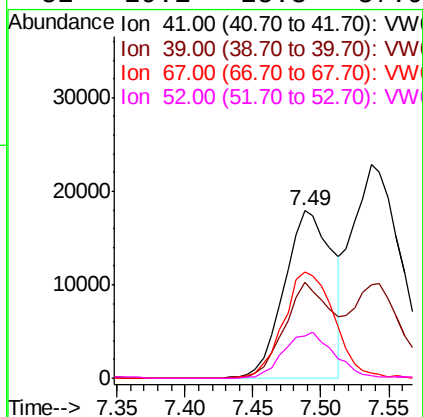
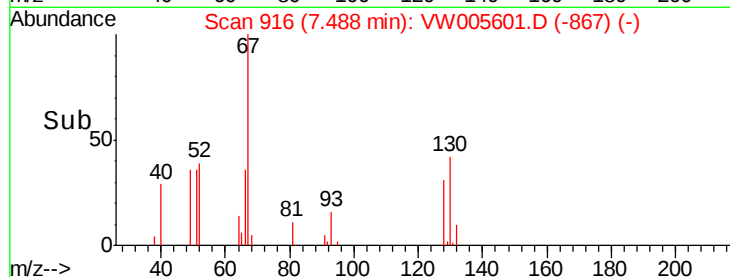
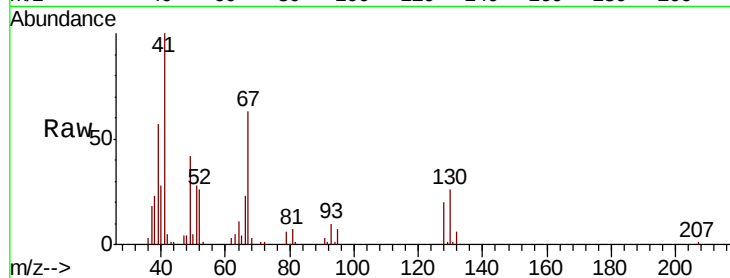
#41
Methacrylonitrile
Concen: 51.904 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW005601.D
Acq: 25 Sep 2018 10:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		44130		
39	54.6	45.4	68.2		
67	67.0	55.2	82.8		
52	29.1	25.3	37.9		

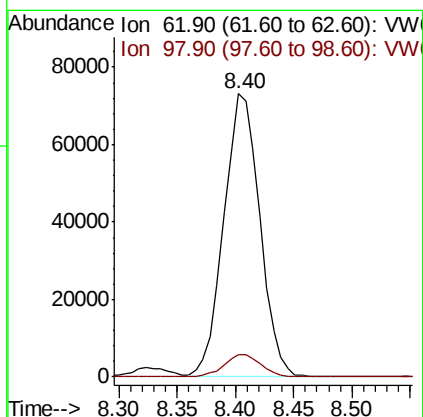
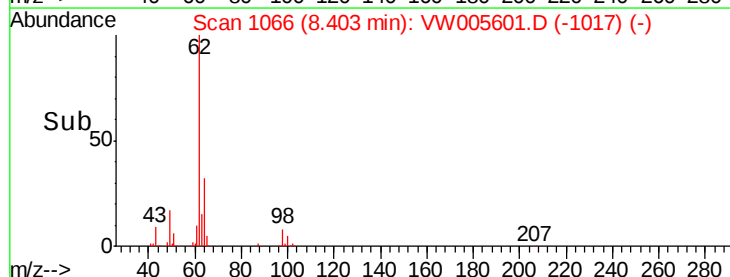
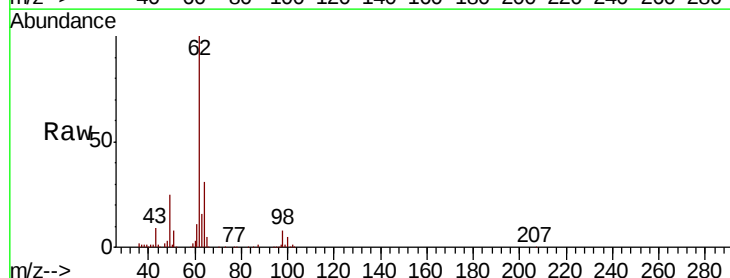
Manual Integrations
APPROVED

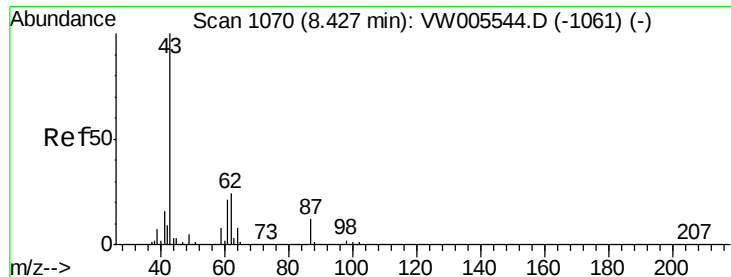
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#42
1,2-Dichloroethane
Concen: 48.789 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW005601.D
Acq: 25 Sep 2018 10:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		157138		
98	8.1	0.0	15.6		





#43

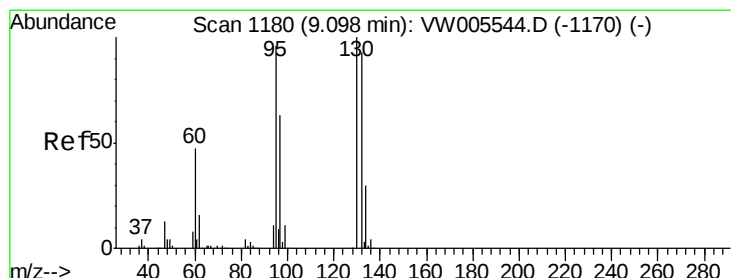
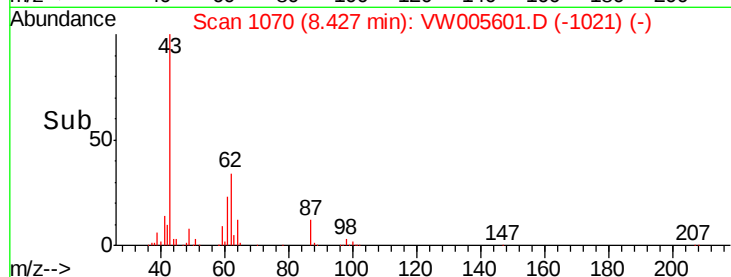
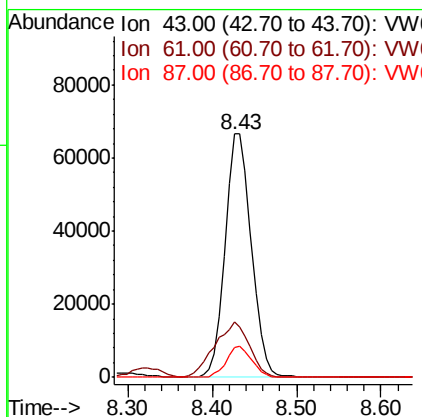
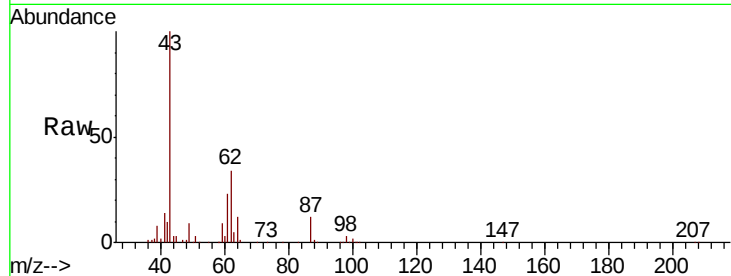
Isopropyl Acetate
 Concen: 47.985 ug/l
 RT: 8.43 min Scan# 1070
 Delta R.T. -0.00 min
 Lab File: VW005601.D
 Acq: 25 Sep 2018 10:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.1	24.1	36.1
87	12.4	9.8	14.8

Manual Integrations
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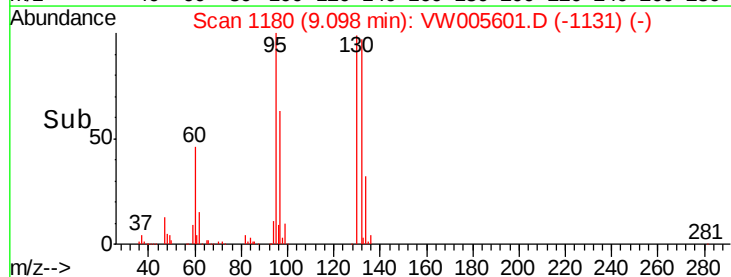
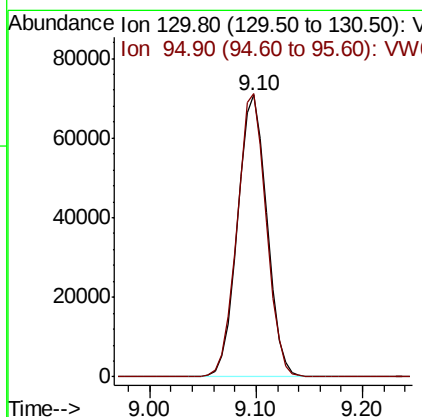
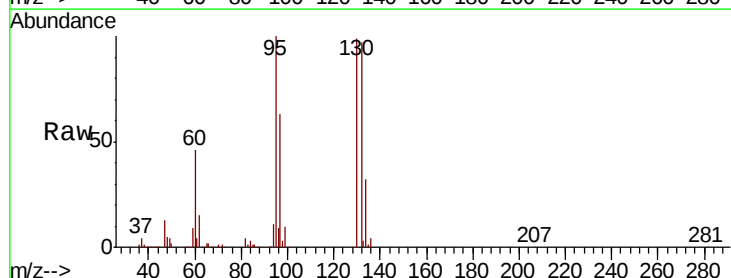
apatel
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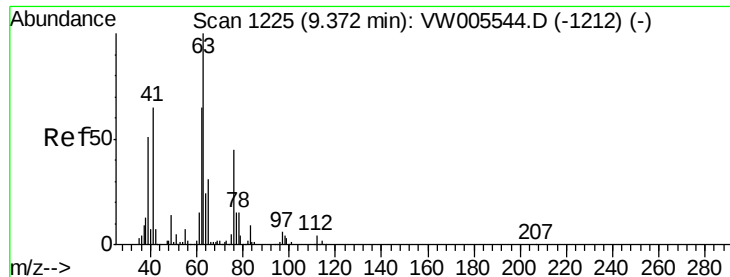


#44

Trichloroethene
 Concen: 53.360 ug/l
 RT: 9.10 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VW005601.D
 Acq: 25 Sep 2018 10:35

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.6	0.0	191.2





#45

1,2-Dichloropropane

Concen: 50.938 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW005601.D

Acq: 25 Sep 2018 10:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 126065

Ion Ratio Lower Upper

63 100

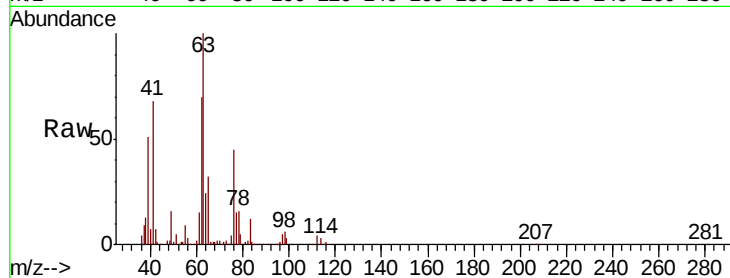
65 32.1 24.7 37.1

Manual Integrations

APPROVED

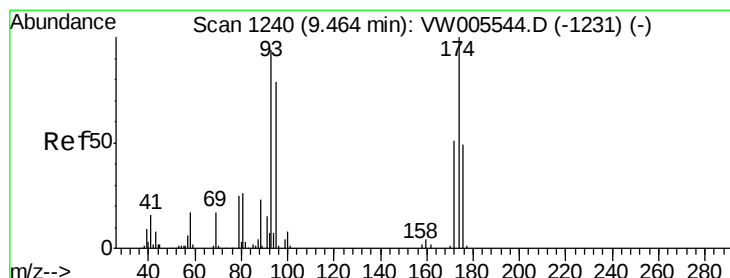
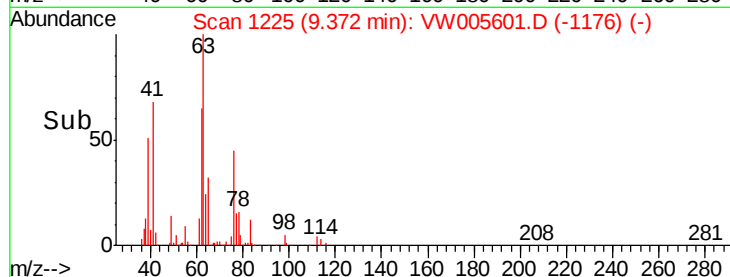
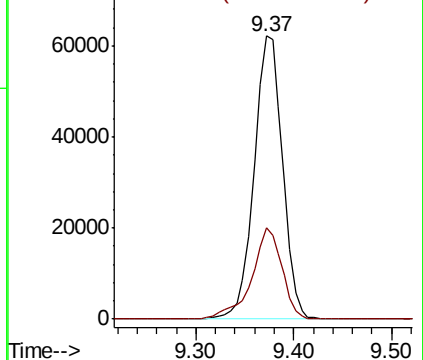
apatel

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Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 49.227 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW005601.D

Acq: 25 Sep 2018 10:35

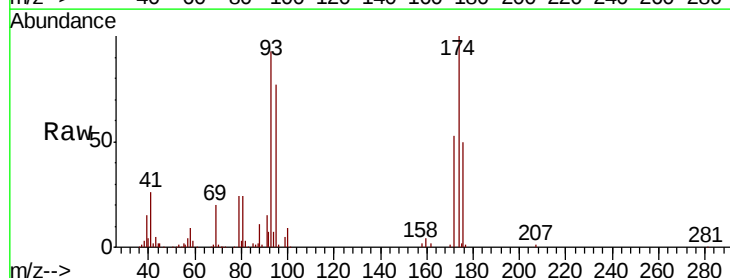
Tgt Ion: 93 Resp: 60873

Ion Ratio Lower Upper

93 100

95 83.8 65.8 98.8

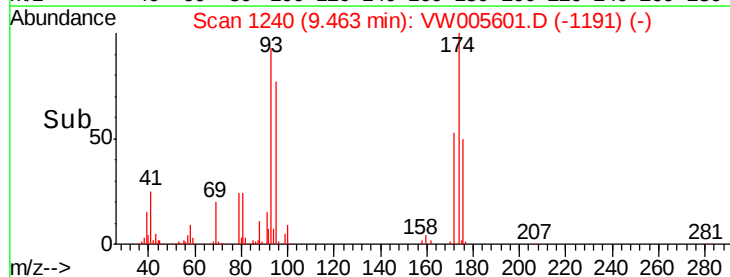
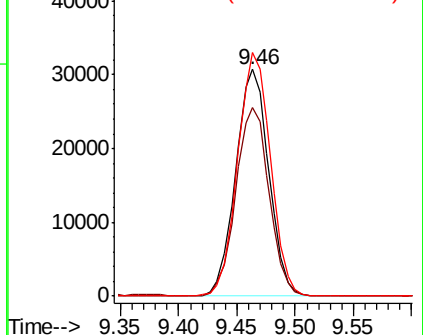
174 106.8 84.0 126.0

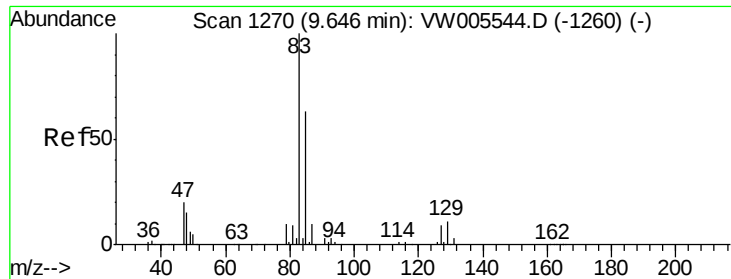


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





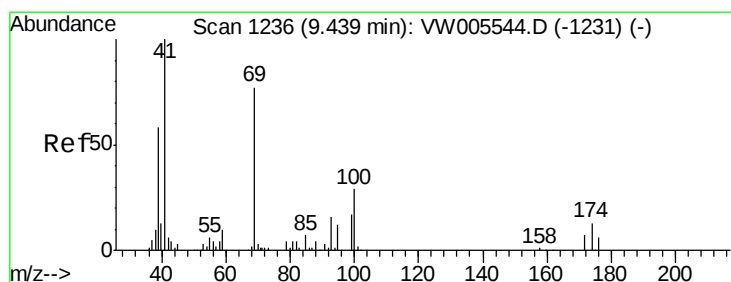
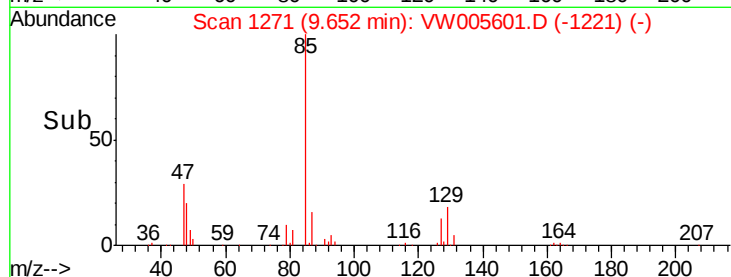
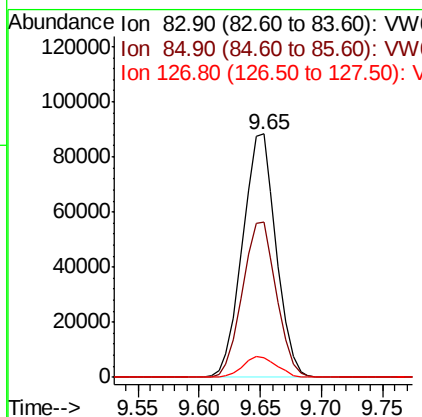
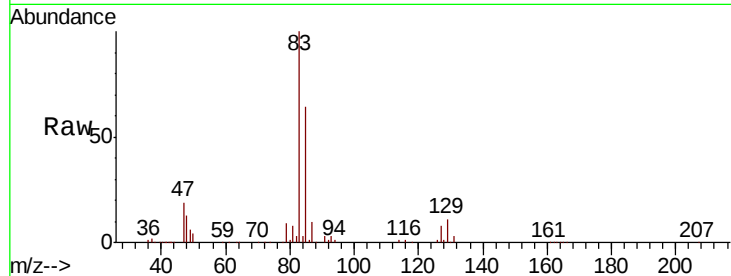
#47
Bromodichloromethane
Concen: 50.639 ug/l
RT: 9.65 min Scan# 1271
Delta R.T. 0.01 min
Lab File: VW005601.D
Acq: 25 Sep 2018 10:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	168210		
85	63.7	50.5	75.7	
127	8.1	7.0	10.6	

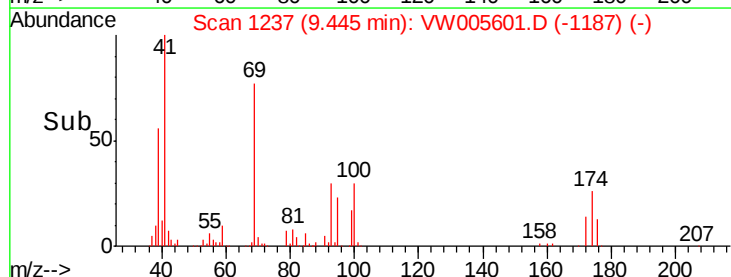
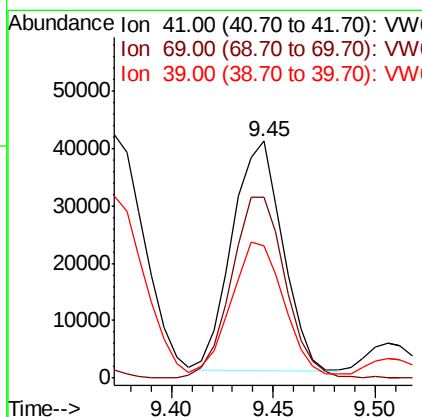
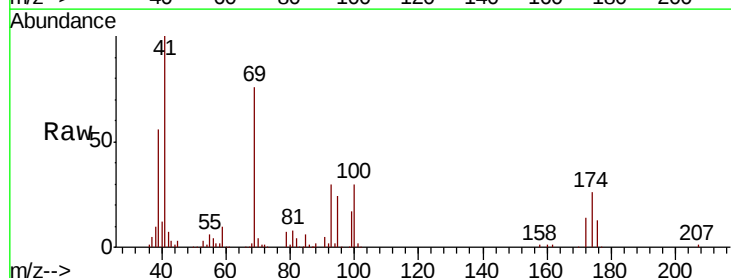
Manual Integrations
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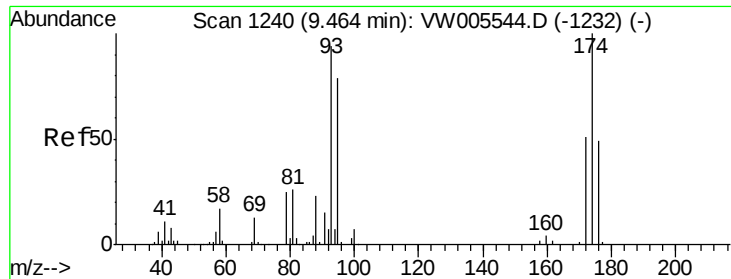
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#48
Methyl methacrylate
Concen: 49.399 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VW005601.D
Acq: 25 Sep 2018 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	68925		
69	84.6	64.7	97.1	
39	59.0	50.5	75.7	





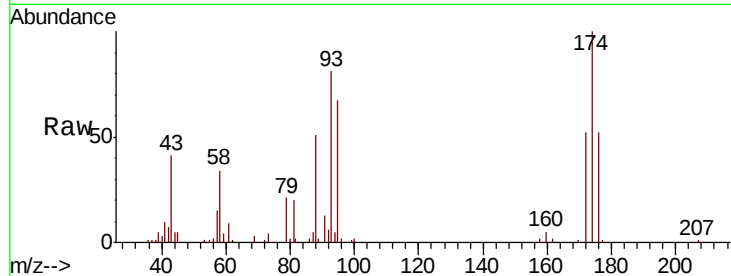
#49
1,4-Dioxane
Concen: 1015.467 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. 0.02 min
Lab File: VW005601.D
Acq: 25 Sep 2018 10:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
88	100	19964		
43	0.0	0.0	0.0	0.0
58	74.6	61.2	91.8	

Manual Integrations
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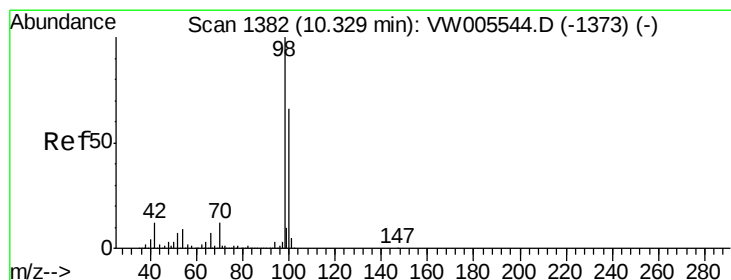
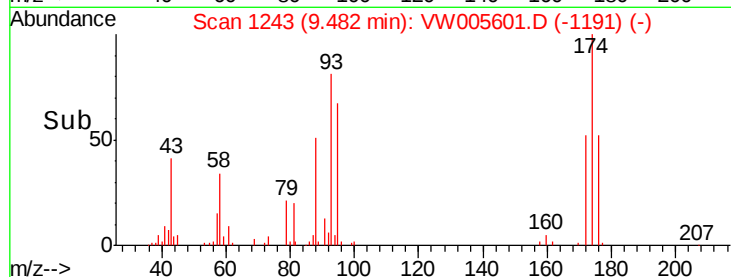
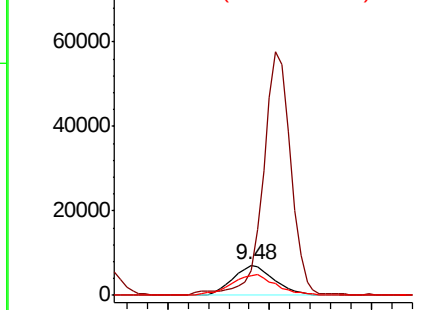


Abundance

Ion 88.00 (87.70 to 88.70): VW

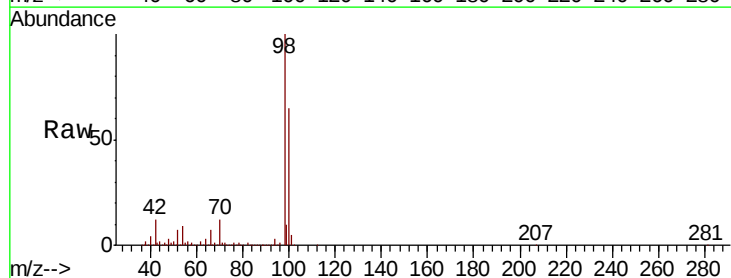
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 53.028 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005601.D
Acq: 25 Sep 2018 10:35

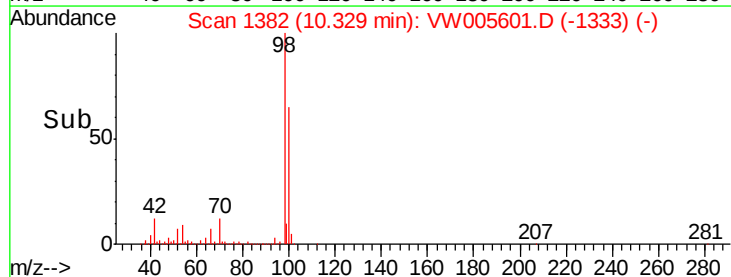
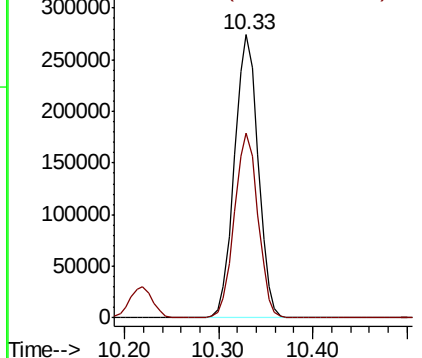
Tgt Ion	Ratio	Resp	Lower	Upper
98	100	478903		
100	64.9	51.6	77.4	

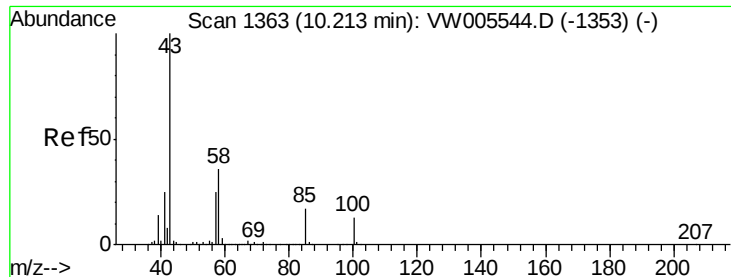


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 240.785 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VW005601.D

Acq: 25 Sep 2018 10:35

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 356252

Ion Ratio Lower Upper

43 100

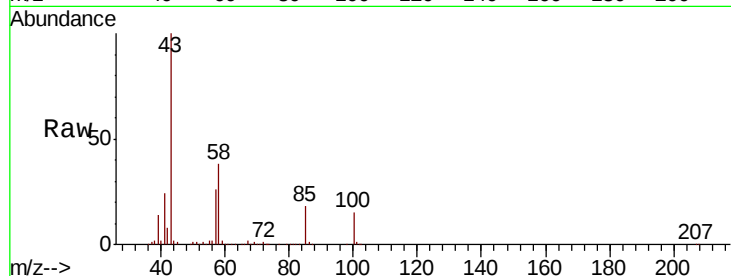
58 37.8 30.0 45.0

Manual Integrations

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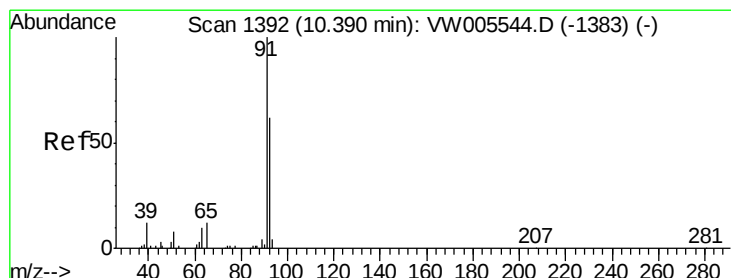
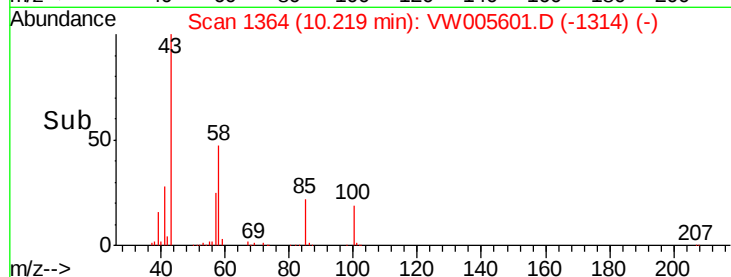
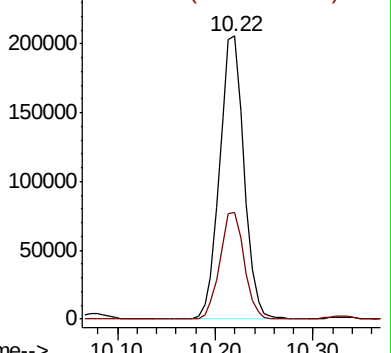
apatel

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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: 53.926 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW005601.D

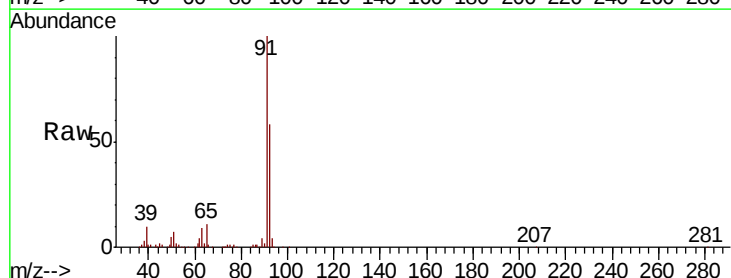
Acq: 25 Sep 2018 10:35

Tgt Ion: 92 Resp: 338483

Ion Ratio Lower Upper

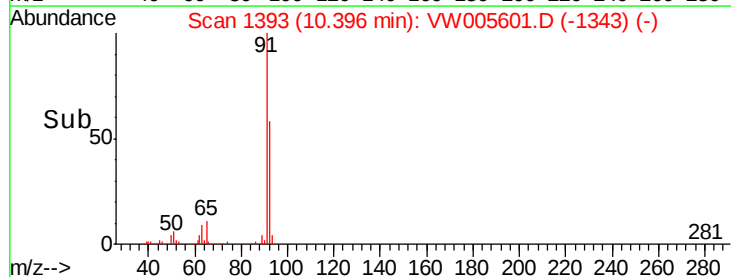
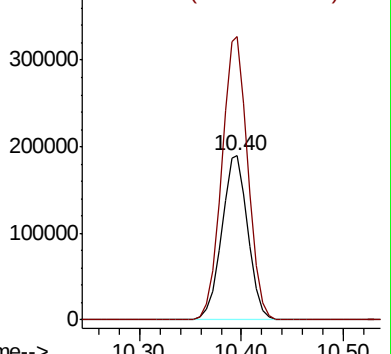
92 100

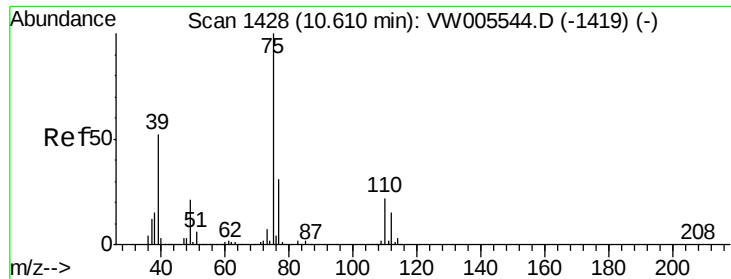
91 171.9 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





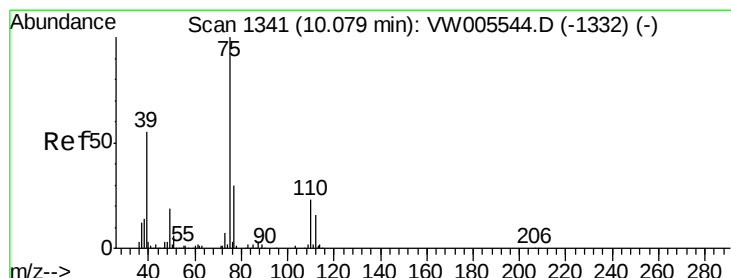
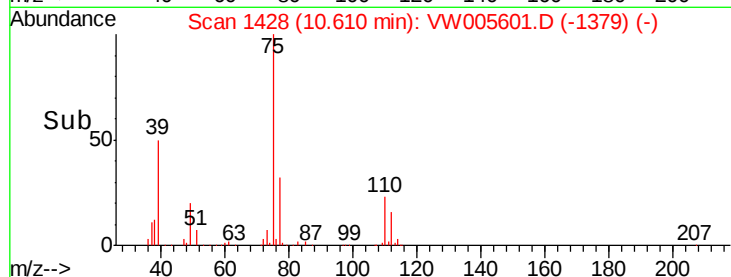
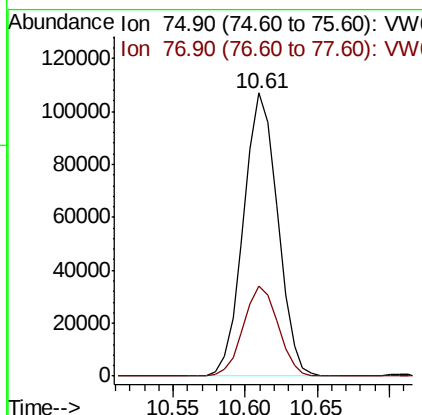
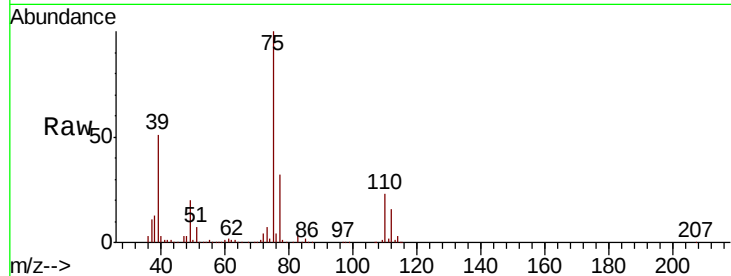
#53
t-1,3-Dichloropropene
Concen: 52.836 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW005601.D
Acq: 25 Sep 2018 10:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 175947
Ion Ratio Lower Upper
75 100
77 31.7 24.6 37.0

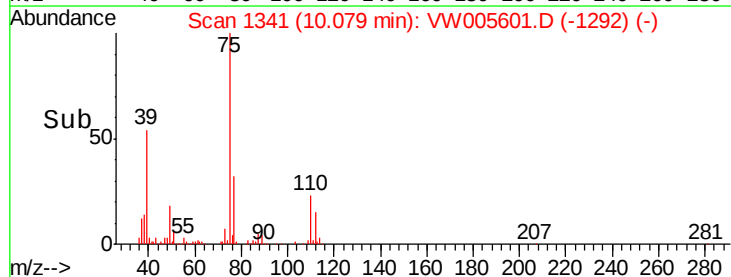
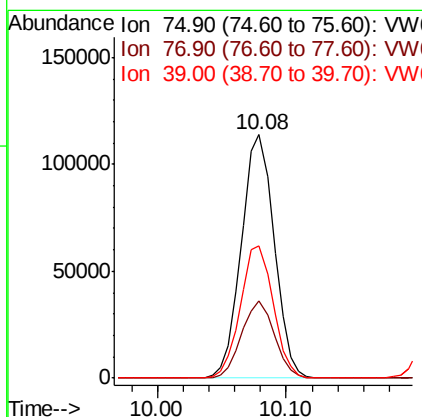
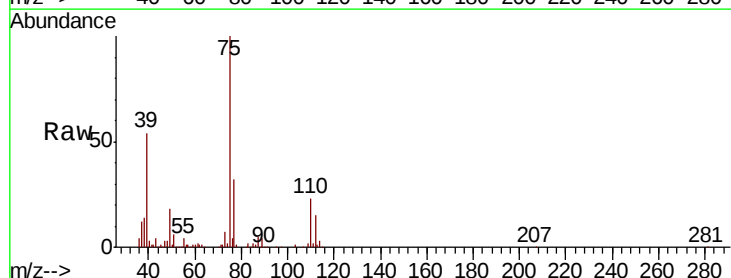
Manual Integrations
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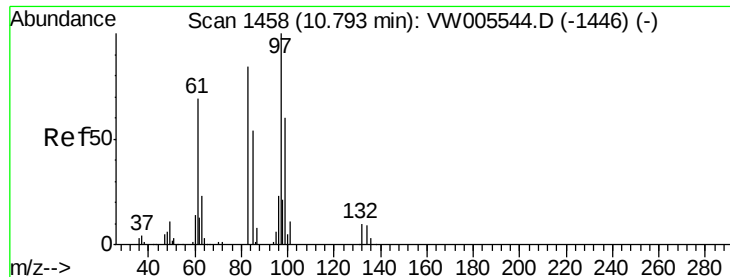
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#54
cis-1,3-Dichloropropene
Concen: 53.853 ug/l
RT: 10.08 min Scan# 1341
Delta R.T. -0.00 min
Lab File: VW005601.D
Acq: 25 Sep 2018 10:35

Tgt Ion: 75 Resp: 200929
Ion Ratio Lower Upper
75 100
77 31.6 24.3 36.5
39 54.2 43.7 65.5





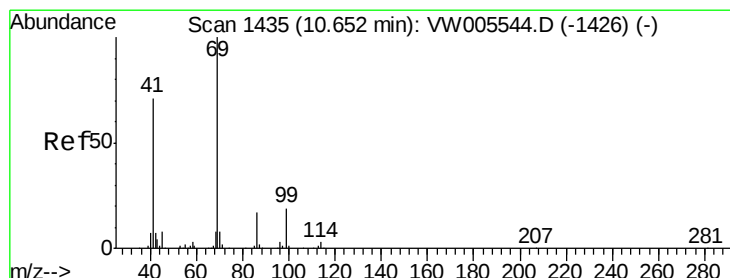
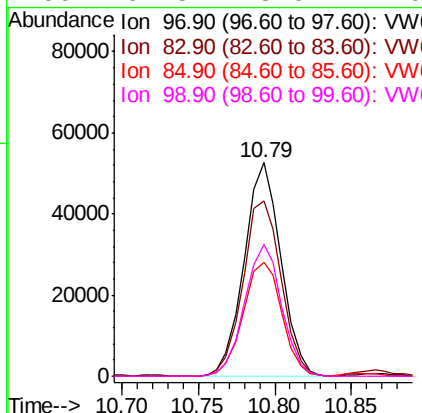
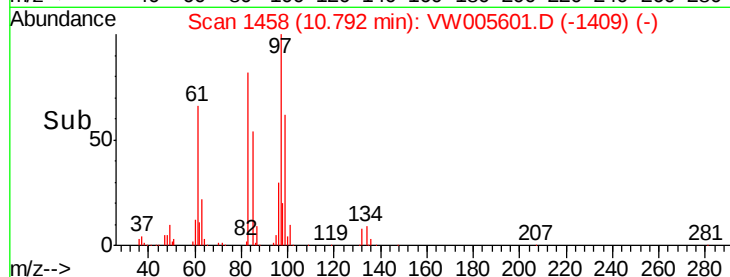
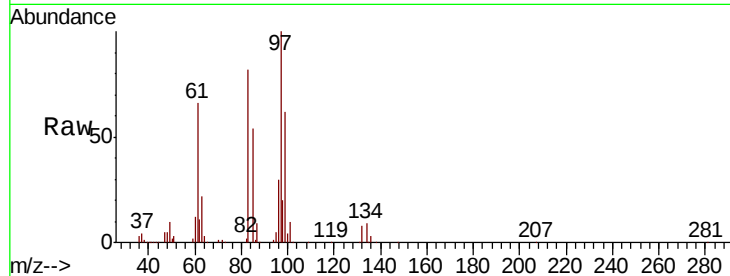
#55
 1,1,2-Trichloroethane
 Concen: 50.317 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005601.D
 Acq: 25 Sep 2018 10:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	88321
Ion	Ratio	Lower	Upper
97	100		
83	82.2	67.4	101.2
85	53.5	43.3	64.9
99	61.8	48.0	72.0

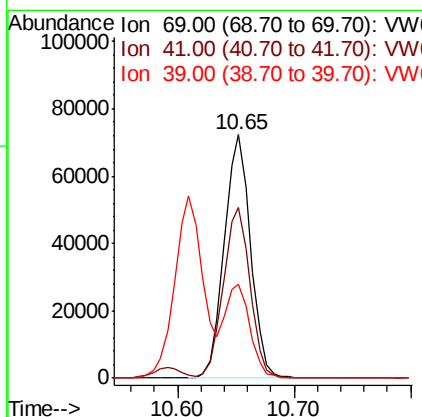
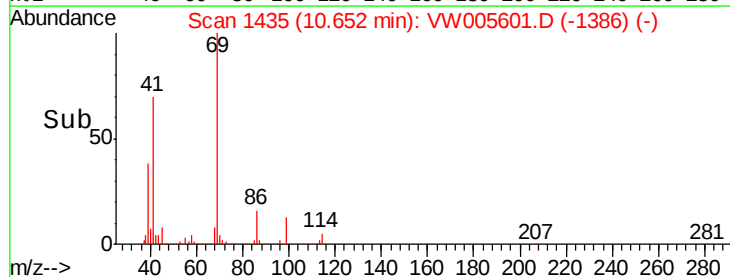
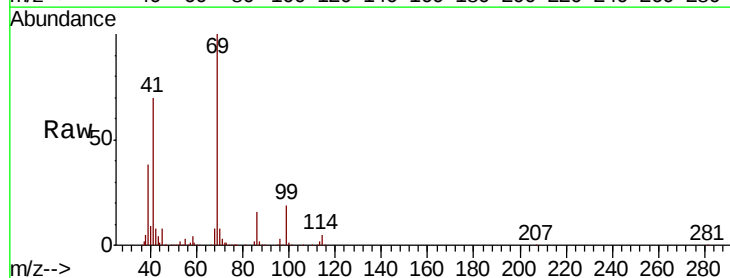
Manual Integrations
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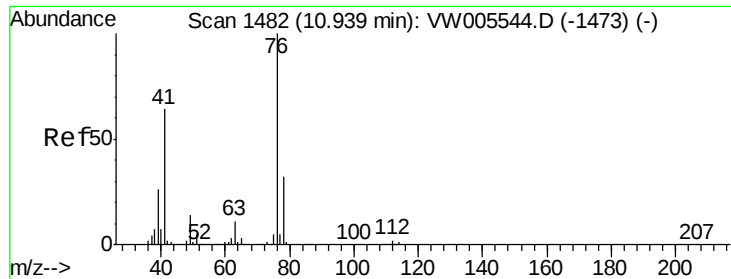
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#56
 Ethyl methacrylate
 Concen: 52.028 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005601.D
 Acq: 25 Sep 2018 10:35

Tgt Ion:	69	Resp:	112736
Ion	Ratio	Lower	Upper
69	100		
41	70.9	57.3	85.9
39	36.0	29.2	43.8





#57

1,3-Dichloropropane

Concen: 50.162 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW005601.D

Acq: 25 Sep 2018 10:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 156050

Ion Ratio Lower Upper

76 100

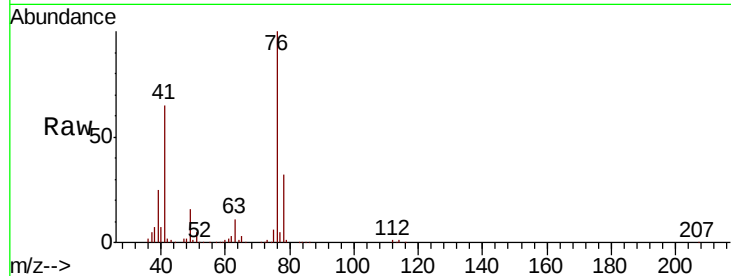
78 31.9 25.6 38.4

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

10.94

80000

60000

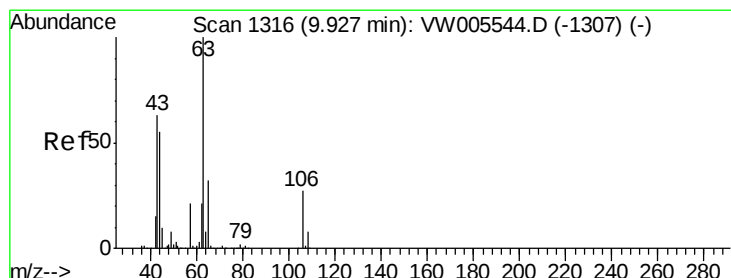
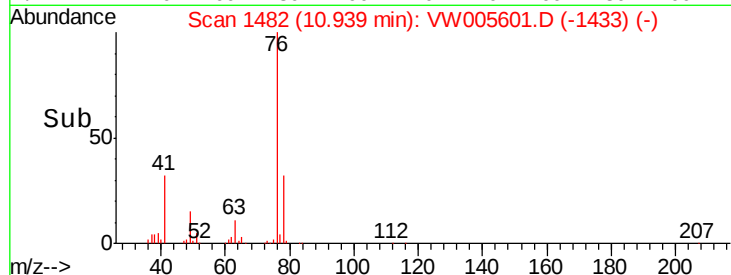
40000

20000

0

10.90 11.00

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 251.946 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VW005601.D

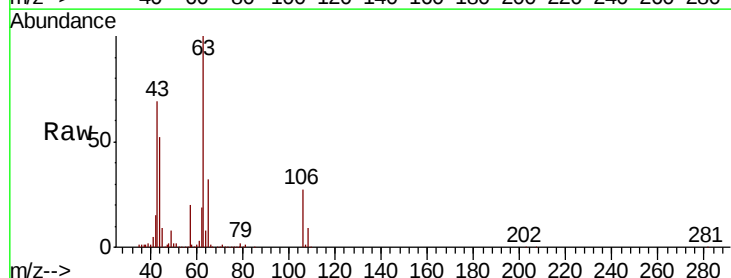
Acq: 25 Sep 2018 10:35

Tgt Ion: 63 Resp: 247470

Ion Ratio Lower Upper

63 100

106 27.6 21.6 32.4



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

9.93

150000

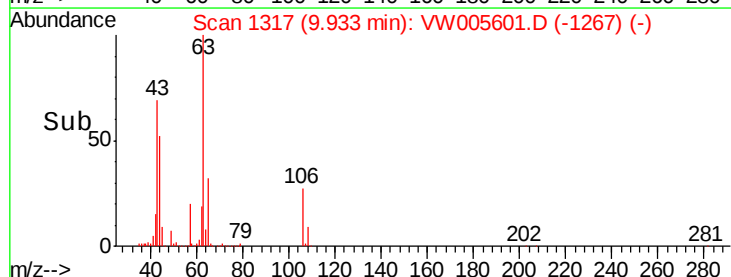
100000

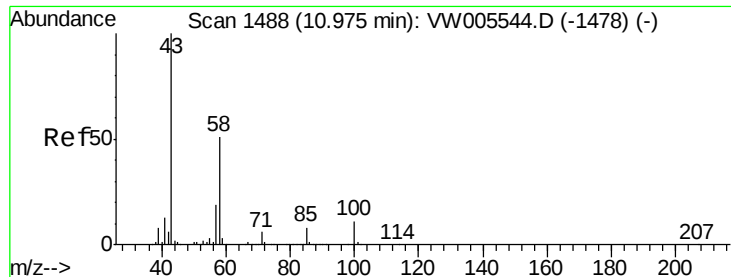
50000

0

9.80 9.90 10.00

Time-->





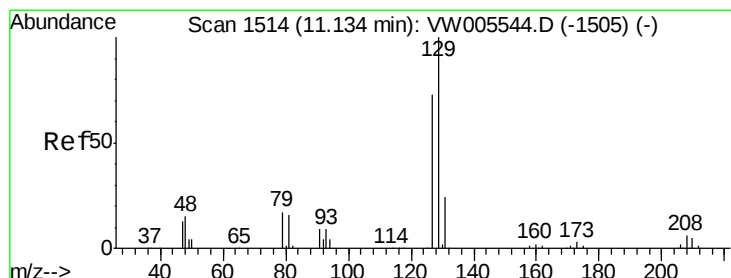
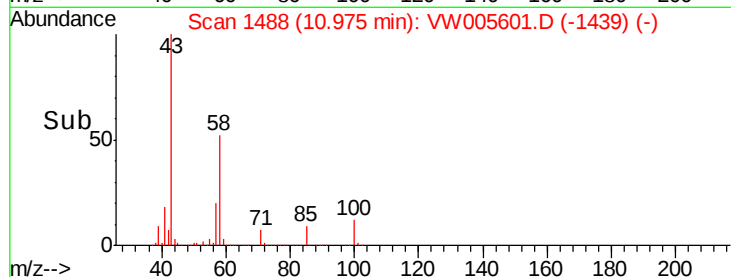
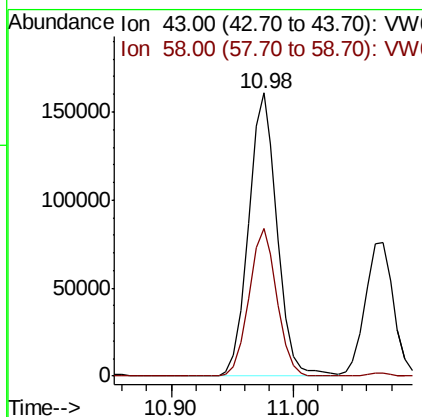
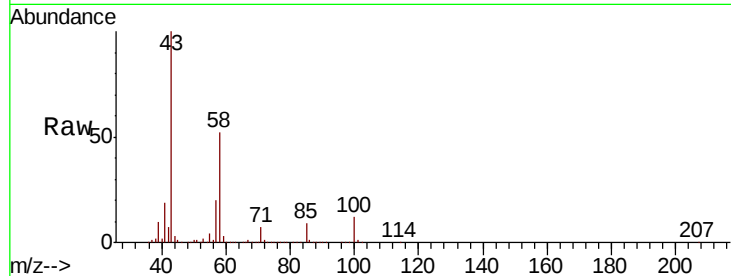
#59
2-Hexanone
Concen: 259.456 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005601.D
Acq: 25 Sep 2018 10:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	260777
Ion Ratio	43	100	
Lower	58	50.9	25.3
Upper			75.9

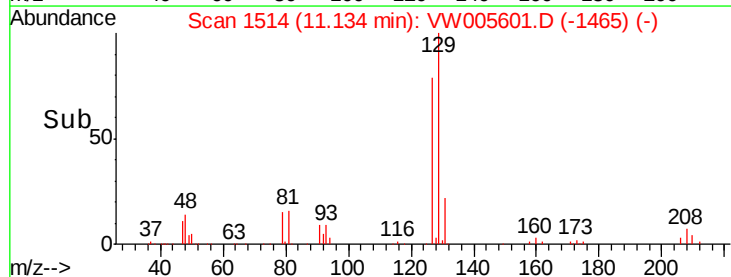
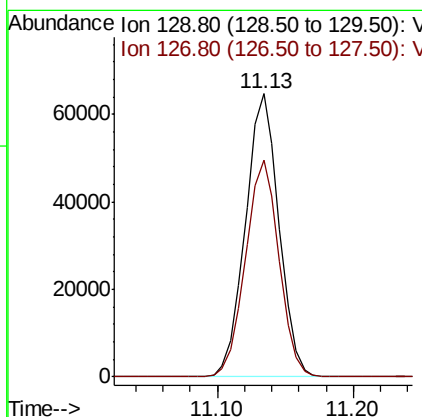
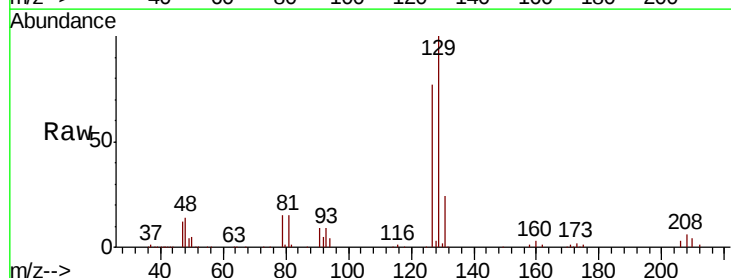
Manual Integrations
APPROVED

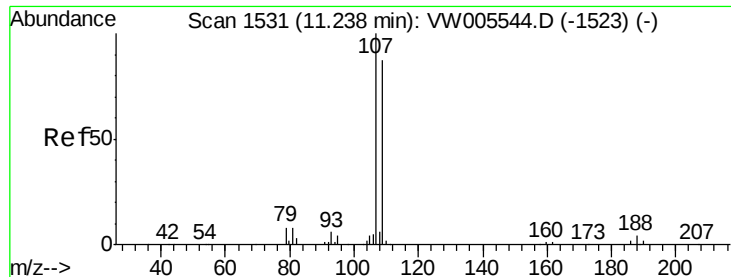
apatel
9/26/2018 12:25:49 PM



#60
Dibromochloromethane
Concen: 52.678 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005601.D
Acq: 25 Sep 2018 10:35

Tgt Ion	129	Resp	111722
Ion Ratio	129	100	
Lower	127	76.5	38.5
Upper			115.5





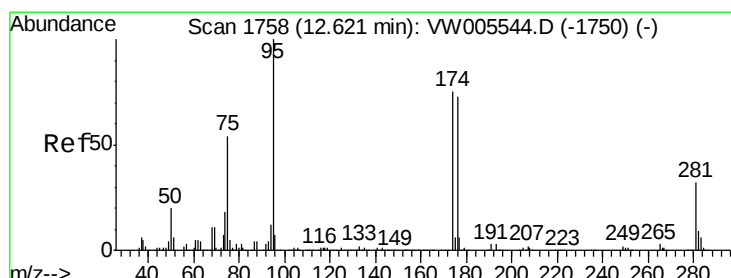
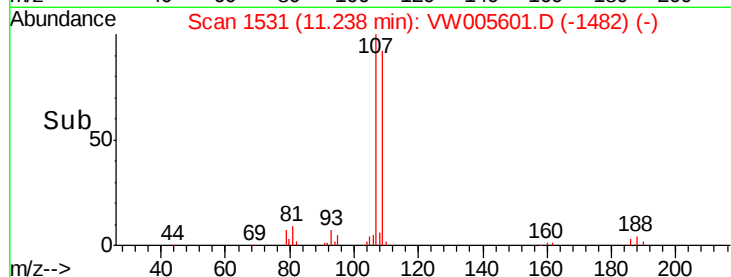
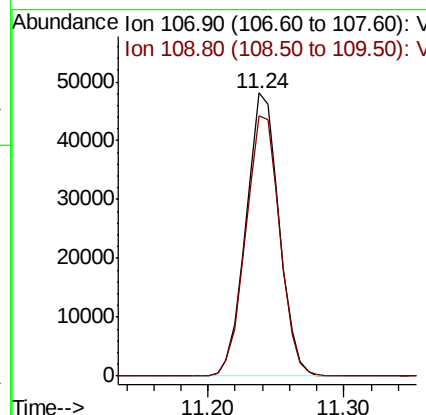
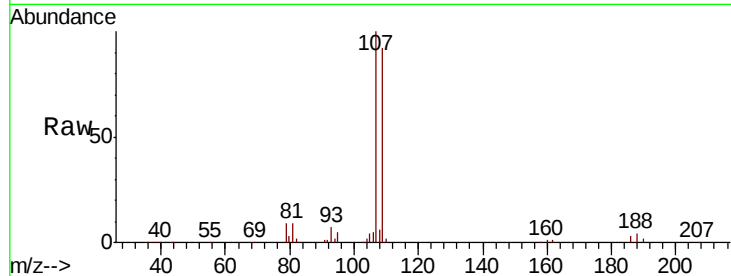
#61
 1,2-Dibromoethane
 Concen: 50.101 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005601.D
 Acq: 25 Sep 2018 10:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.8	73.4	110.0

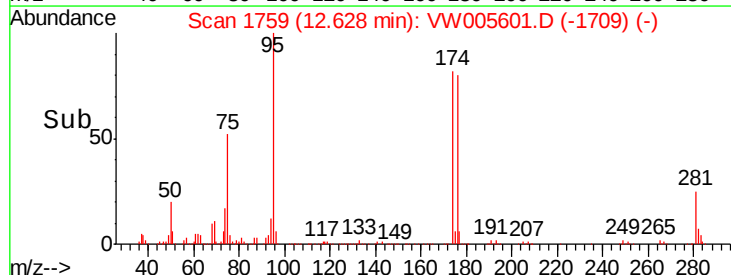
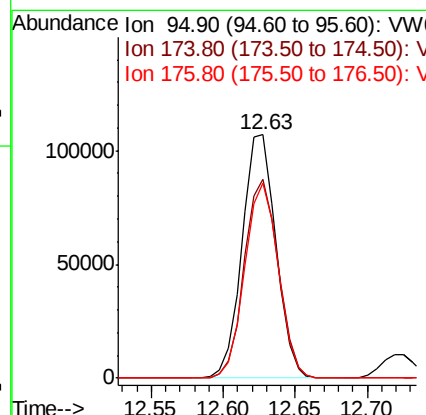
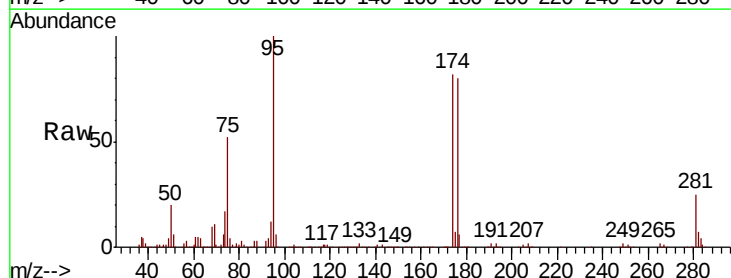
Manual Integrations
 APPROVED

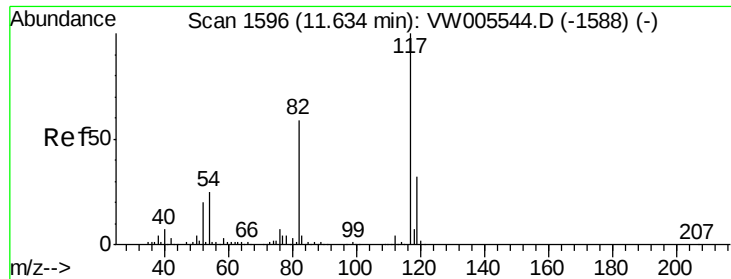
apatel
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#62
 4-Bromofluorobenzene
 Concen: 52.134 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. 0.01 min
 Lab File: VW005601.D
 Acq: 25 Sep 2018 10:35

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.8	0.0	163.8
176	79.4	0.0	158.0





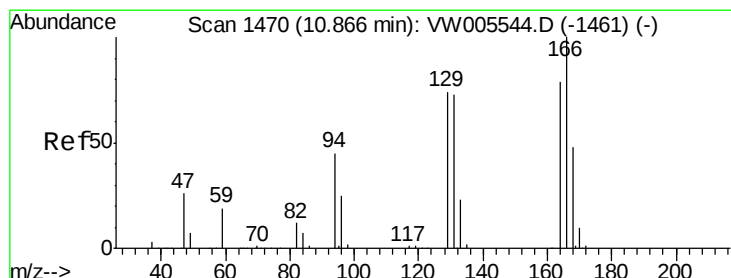
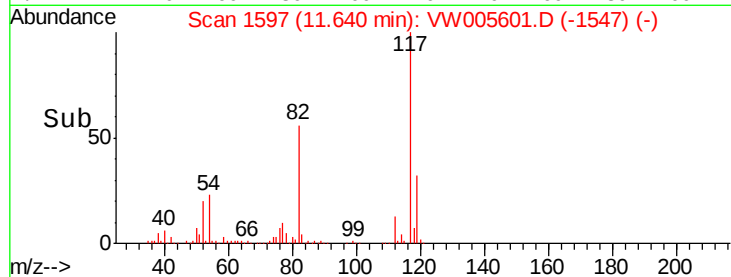
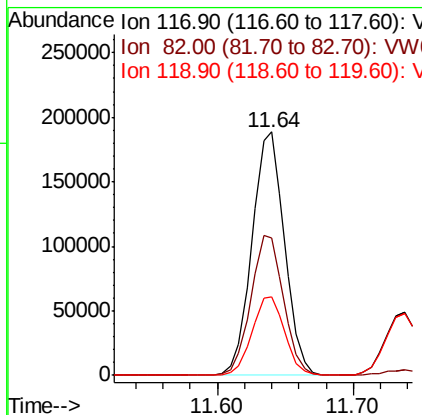
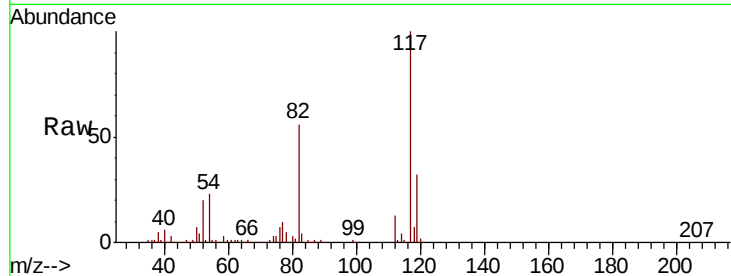
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW005601.D
Acq: 25 Sep 2018 10:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	316279		
82	56.2	46.9	70.3	
119	32.3	25.7	38.5	

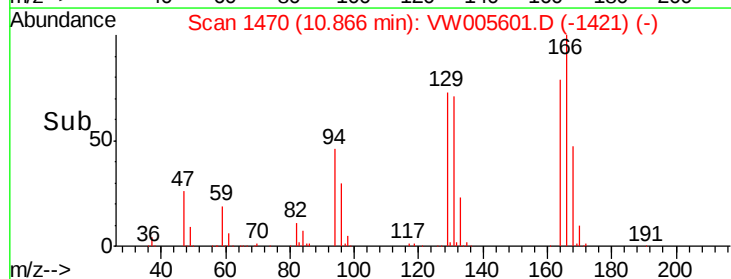
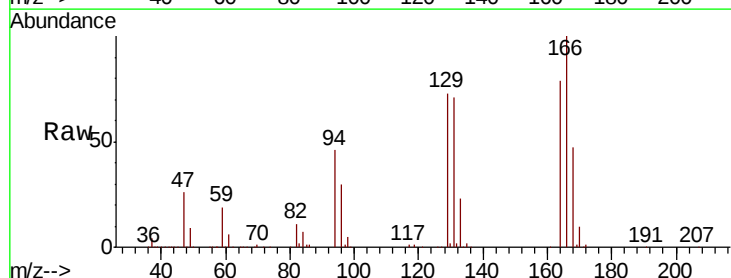
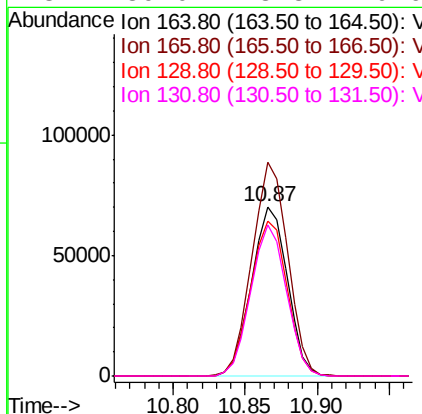
Manual Integrations
APPROVED

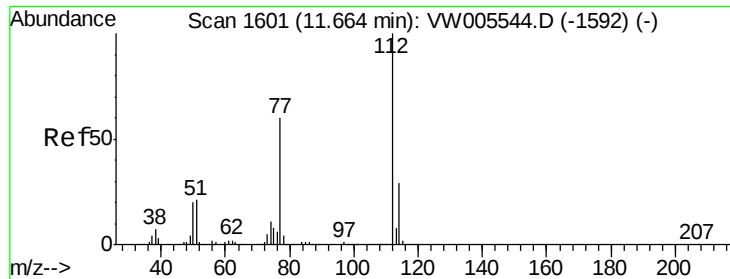
apatel
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#64
Tetrachloroethene
Concen: 53.890 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005601.D
Acq: 25 Sep 2018 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	120969		
166	126.3	101.1	151.7	
129	91.7	74.4	111.6	
131	89.0	73.8	110.6	





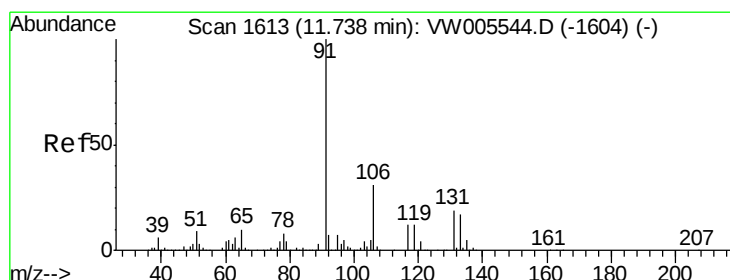
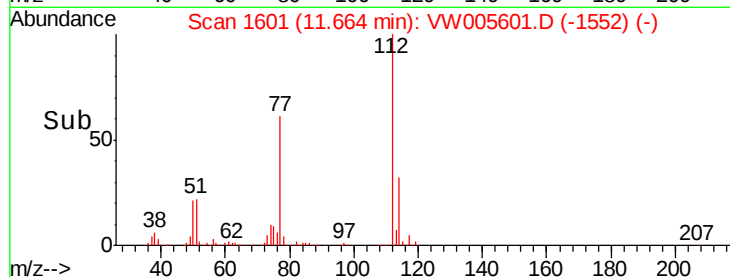
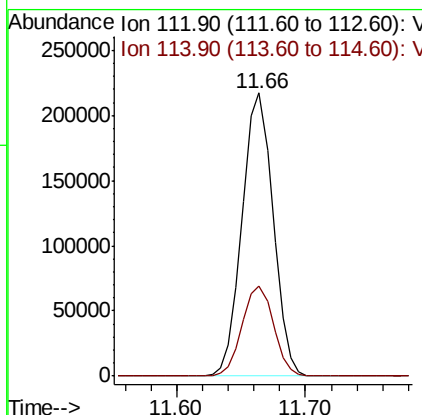
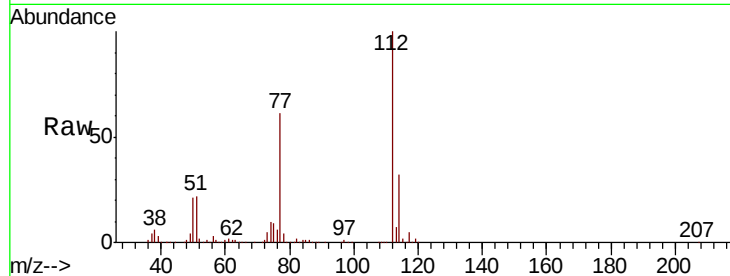
#65
Chlorobenzene
Concen: 53.868 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005601.D
Acq: 25 Sep 2018 10:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.9	34.3

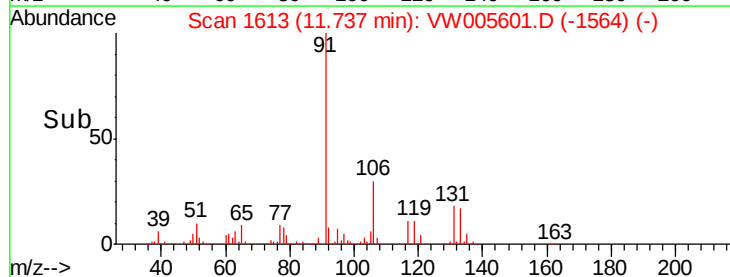
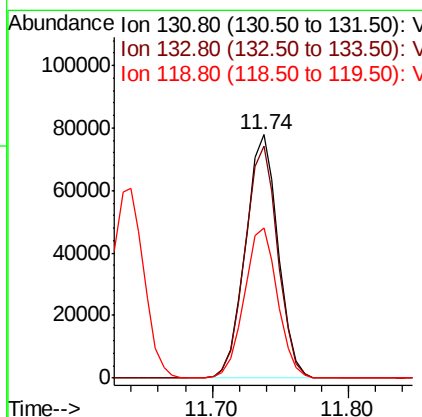
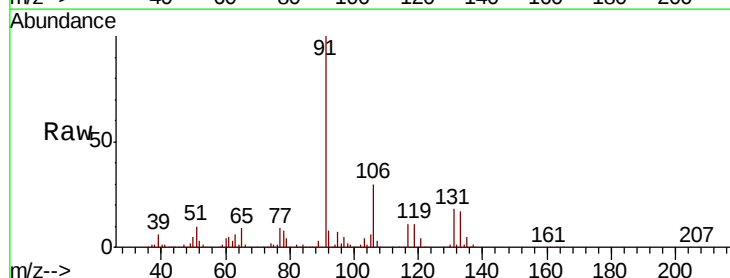
Manual Integrations
APPROVED

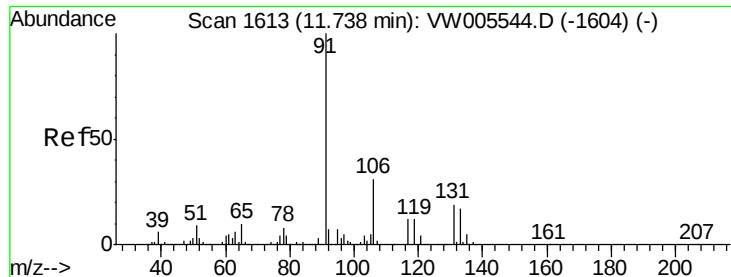
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.072 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005601.D
Acq: 25 Sep 2018 10:35

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.7	47.2	141.6
119	62.7	31.1	93.2





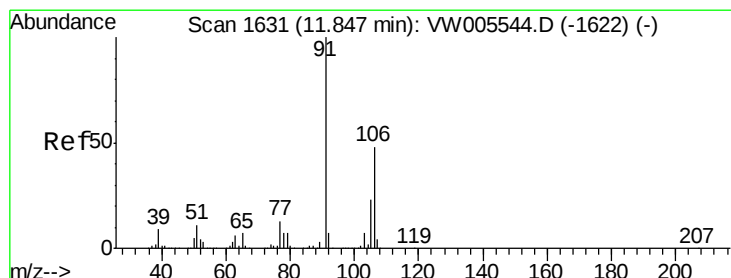
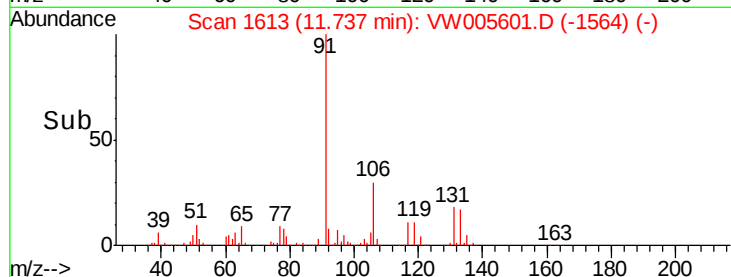
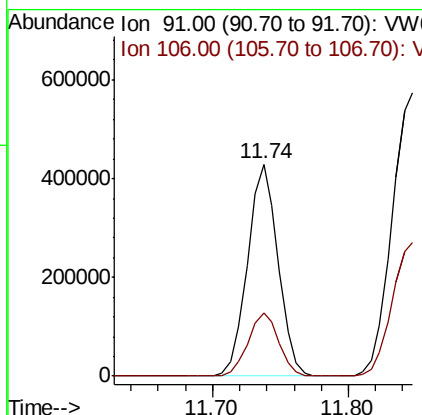
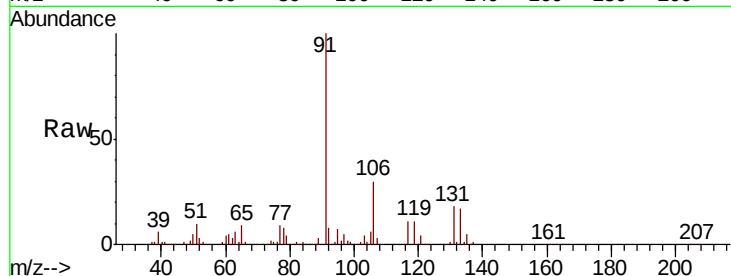
#67
Ethyl Benzene
Concen: 56.440 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005601.D
Acq: 25 Sep 2018 10:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.0	24.4	36.6

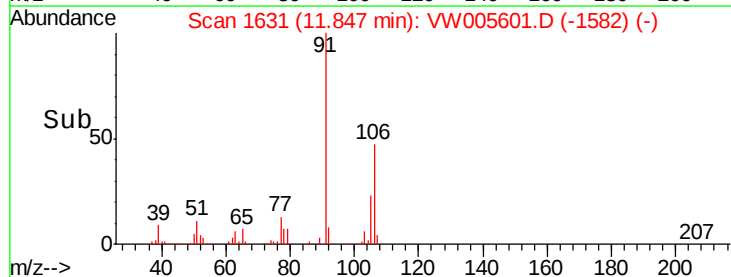
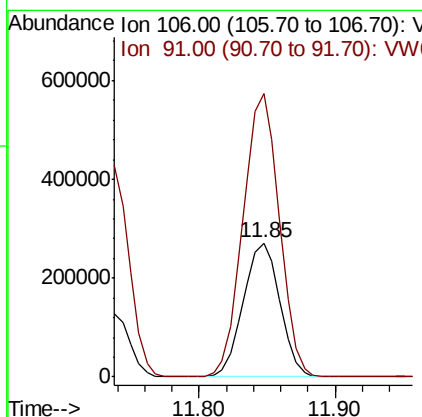
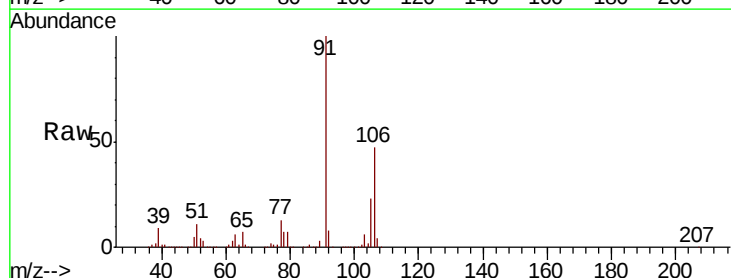
Manual Integrations
APPROVED

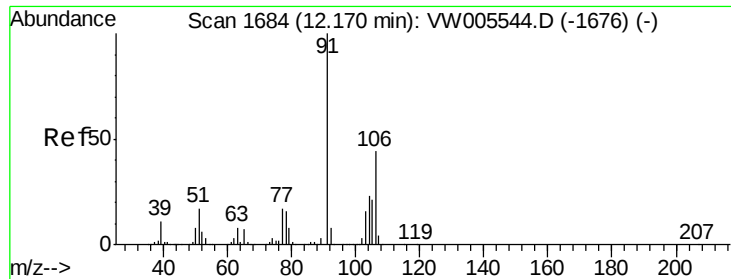
apatel
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#68
m/p-Xylenes
Concen: 113.406 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005601.D
Acq: 25 Sep 2018 10:35

Tgt Ion	Ratio	Lower	Upper
106	100		
91	209.9	167.8	251.8





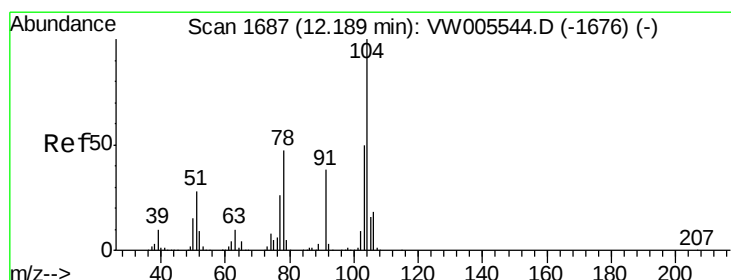
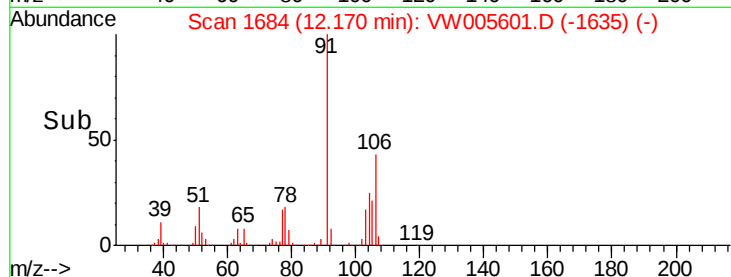
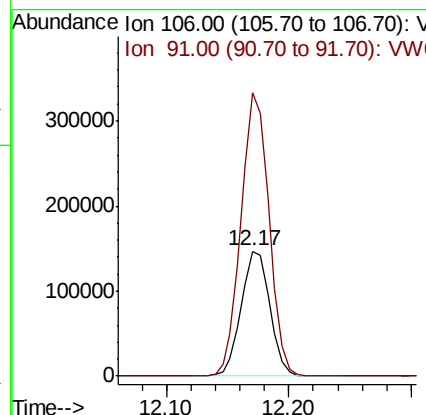
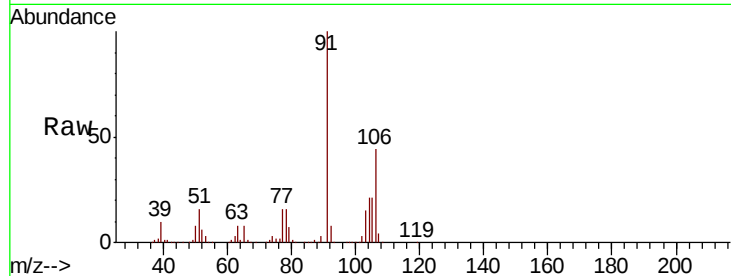
#69
o-Xylene
Concen: 56.523 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005601.D
Acq: 25 Sep 2018 10:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	221.5	111.0	333.0

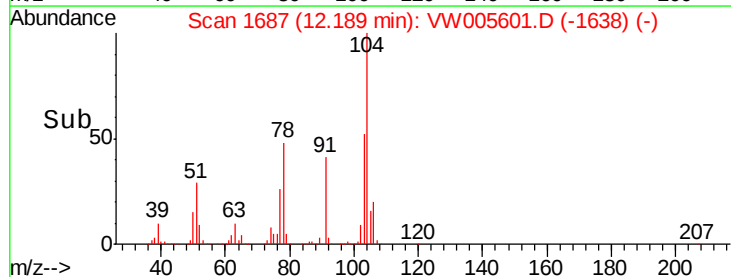
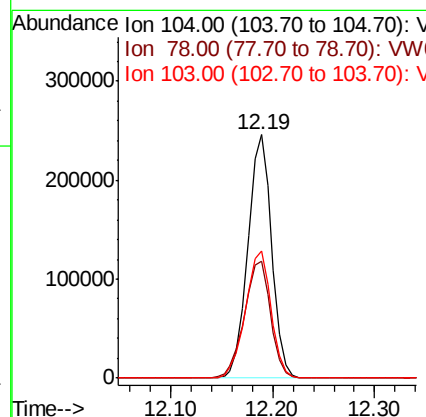
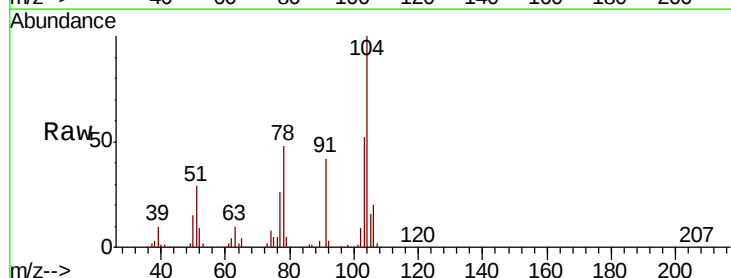
Manual Integrations
APPROVED

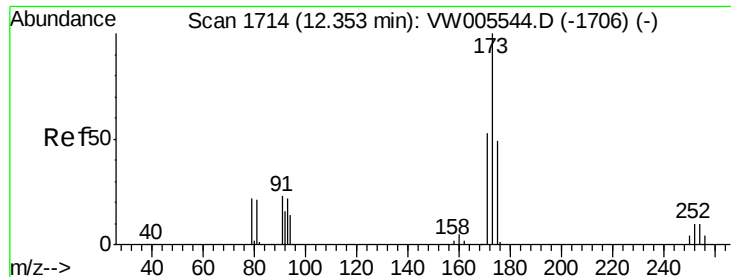
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#70
Styrene
Concen: 55.883 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005601.D
Acq: 25 Sep 2018 10:35

Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.1	42.2	63.4
103	56.2	44.6	66.8





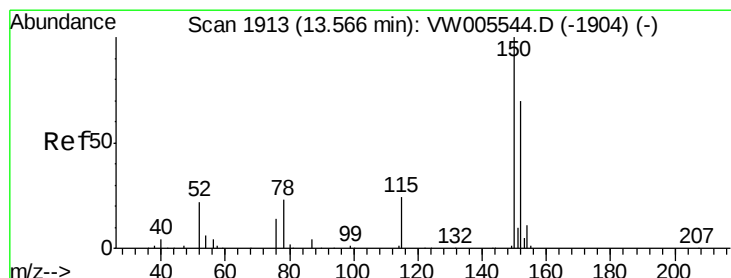
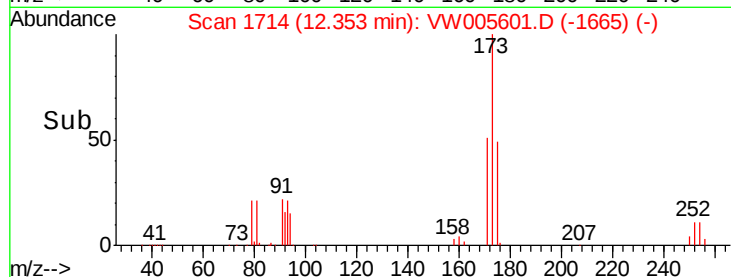
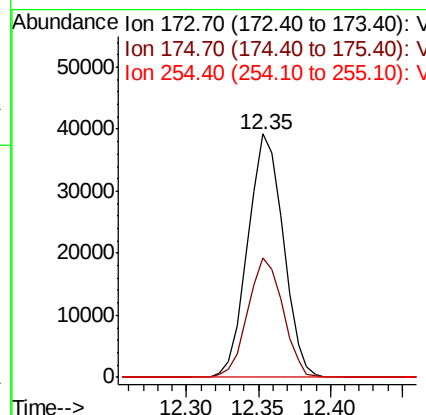
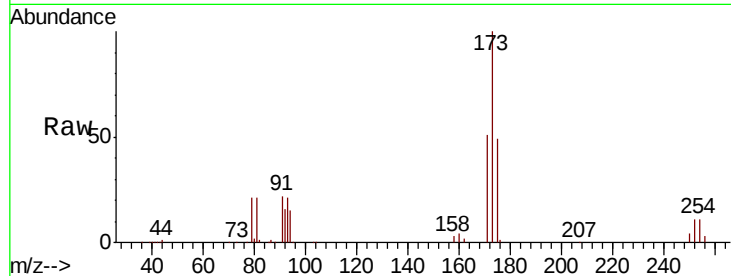
#71
Bromoform
Concen: 51.931 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW005601.D
Acq: 25 Sep 2018 10:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.3	72.9
254	0.0	0.1	0.1#

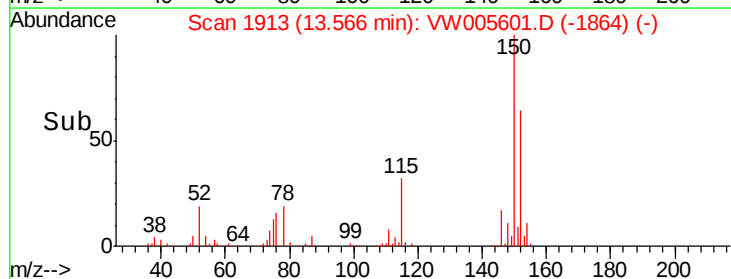
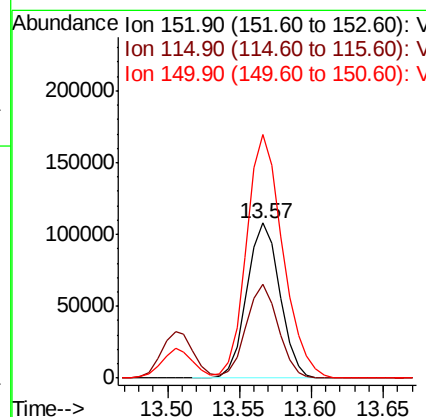
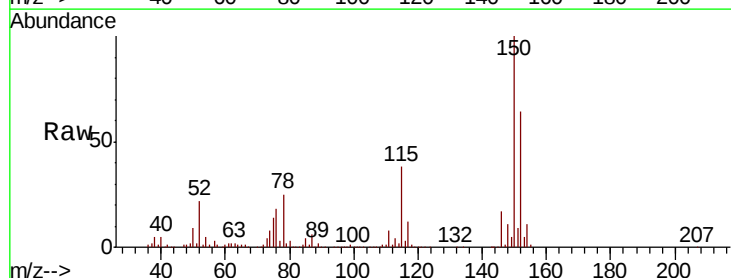
Manual Integrations
APPROVED

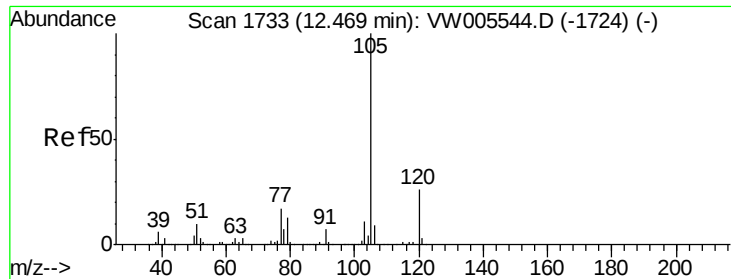
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005601.D
Acq: 25 Sep 2018 10:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.7	30.0	90.0
150	172.9	0.0	348.6





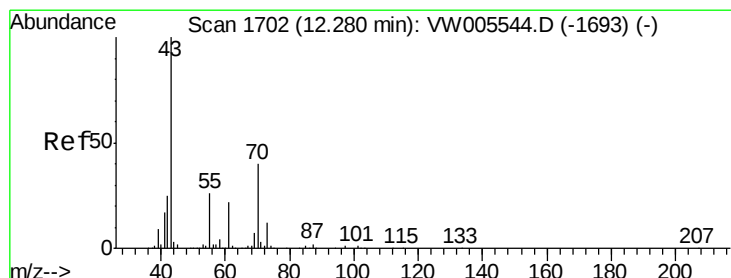
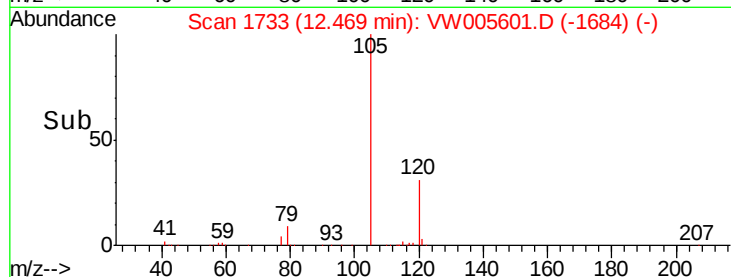
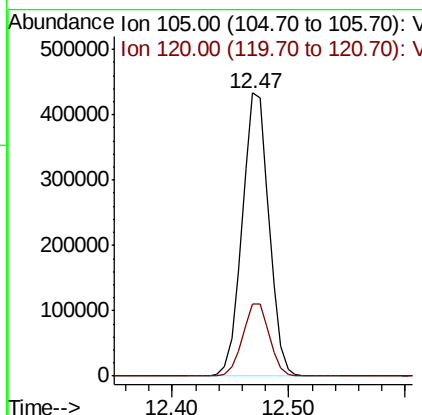
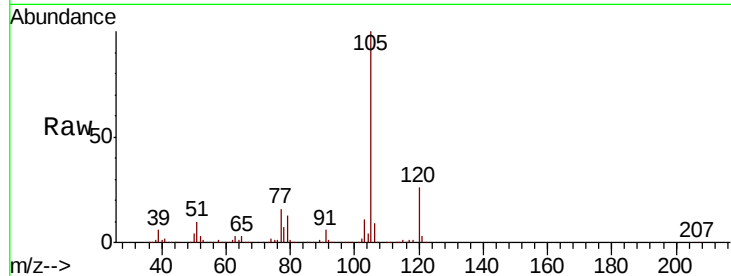
#73
Isopropylbenzene
Concen: 58.538 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW005601.D
Acq: 25 Sep 2018 10:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.7	12.9	38.7

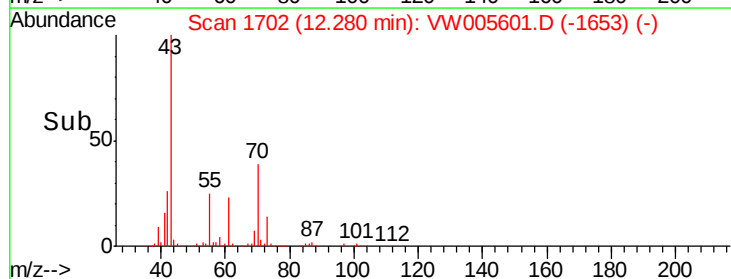
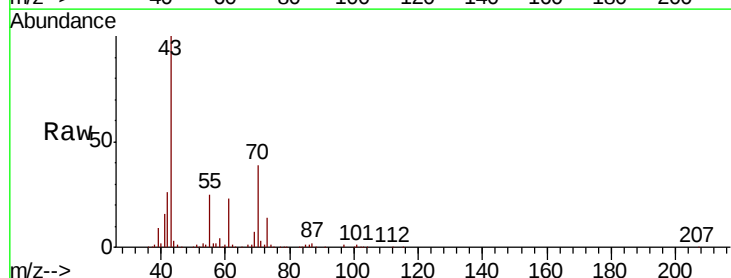
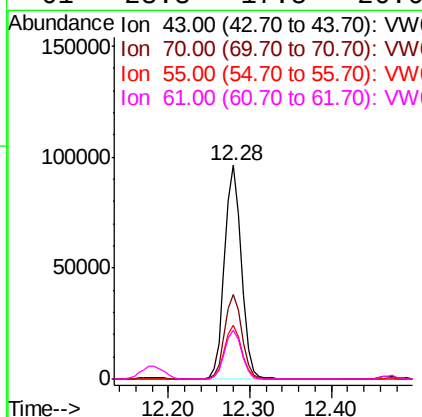
Manual Integrations
APPROVED

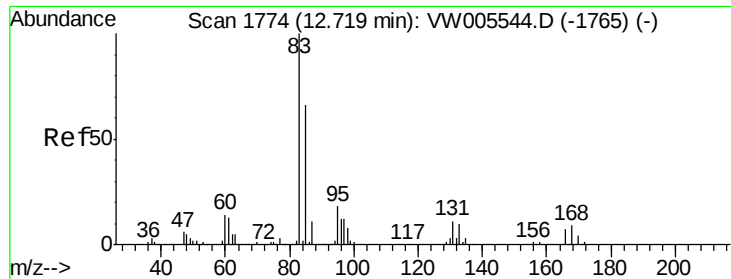
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#74
N-ethyl acetate
Concen: 51.115 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. -0.00 min
Lab File: VW005601.D
Acq: 25 Sep 2018 10:35

Tgt Ion	Ratio	Lower	Upper
43	100		
70	40.2	31.4	47.0
55	25.7	20.9	31.3
61	23.3	17.8	26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 50.474 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005601.D

Acq: 25 Sep 2018 10:35

Instrument :

MSVOA_W

ClientSampled :

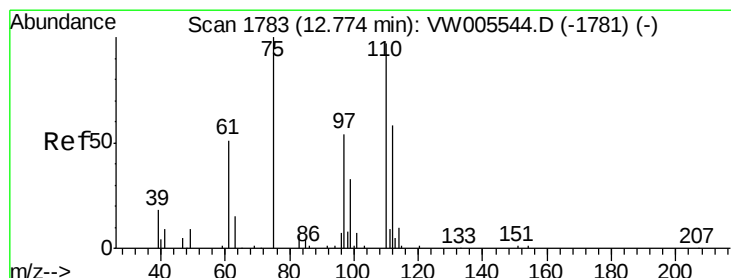
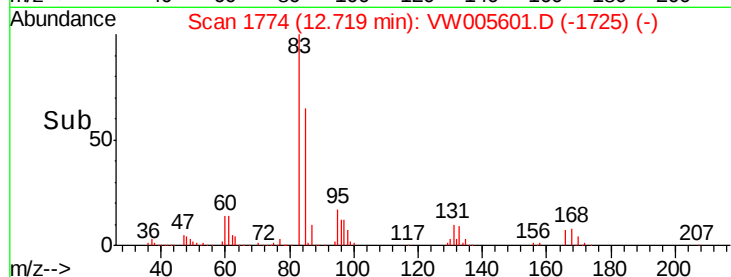
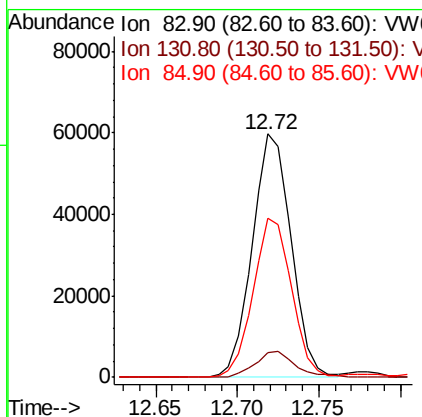
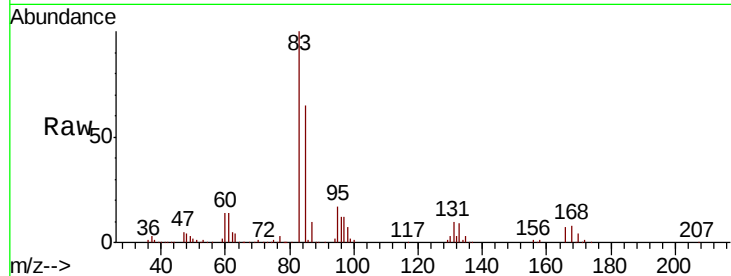
VSTDCCC050

Tot Ion:	83	Resp:	99337
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.5	16.7
85	64.5	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 48.836 ug/l m

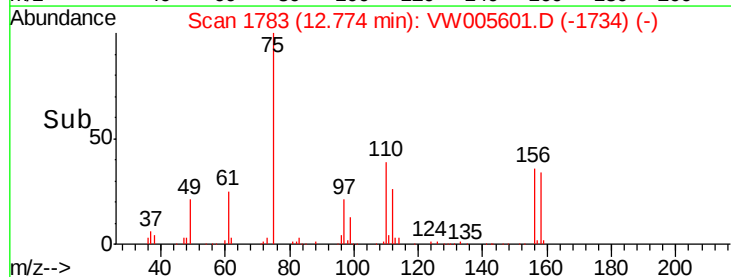
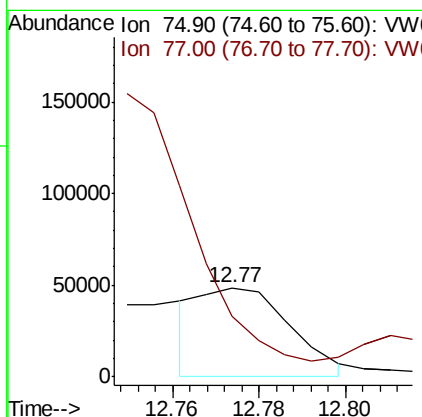
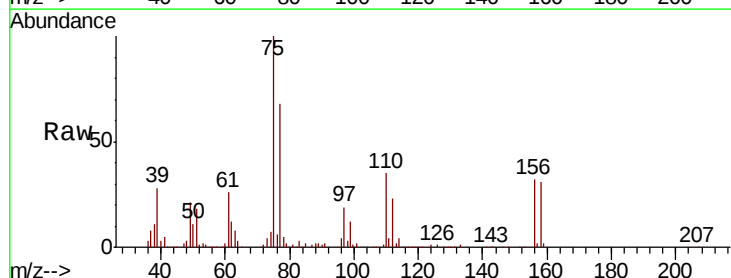
RT: 12.77 min Scan# 1783

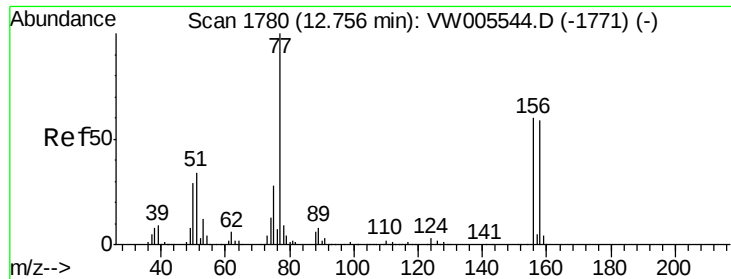
Delta R.T. -0.00 min

Lab File: VW005601.D

Acq: 25 Sep 2018 10:35

Tgt Ion:	75	Resp:	71127
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 54.084 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005601.D

Acq: 25 Sep 2018 10:35

Instrument :

MSVOA_W

ClientSampled :

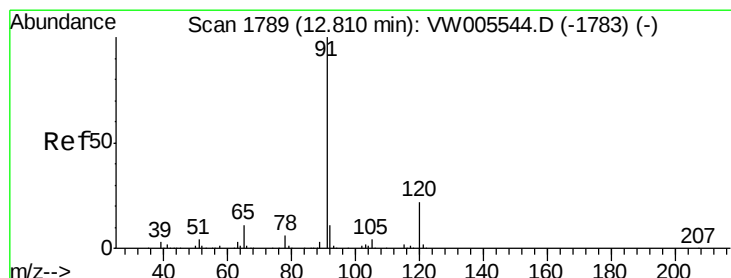
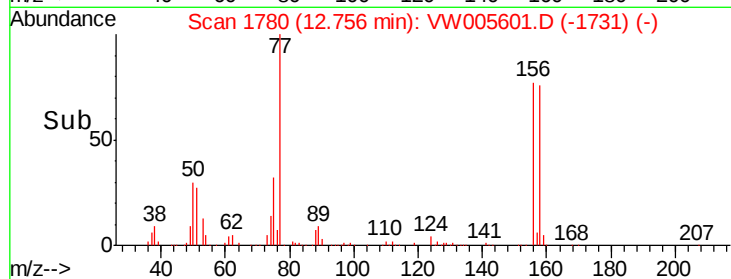
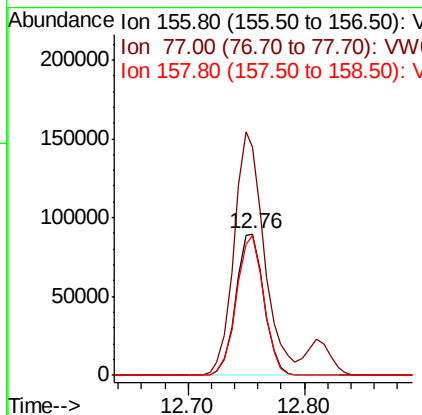
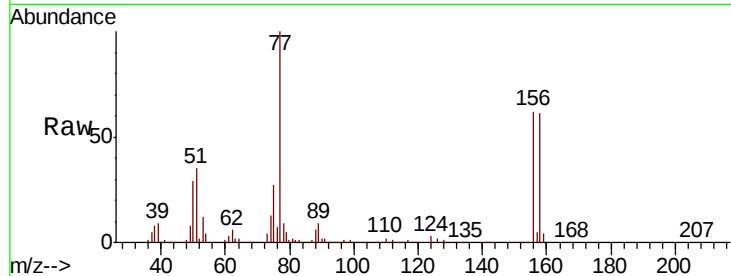
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	184.7	94.7	284.1
158	96.7	48.0	144.2

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#78

n-propylbenzene

Concen: 57.793 ug/l

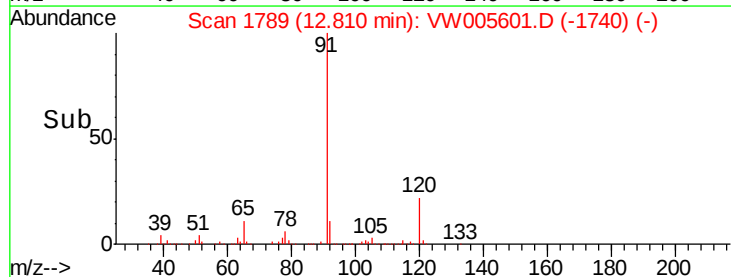
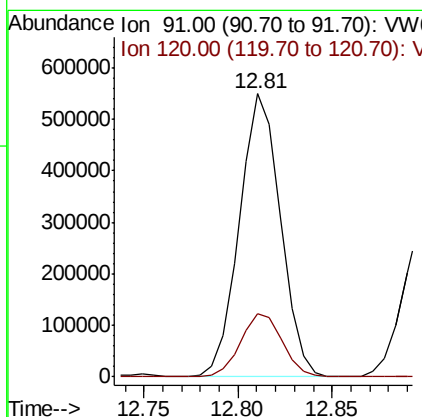
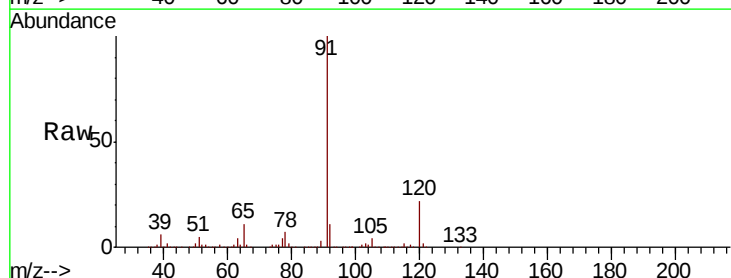
RT: 12.81 min Scan# 1789

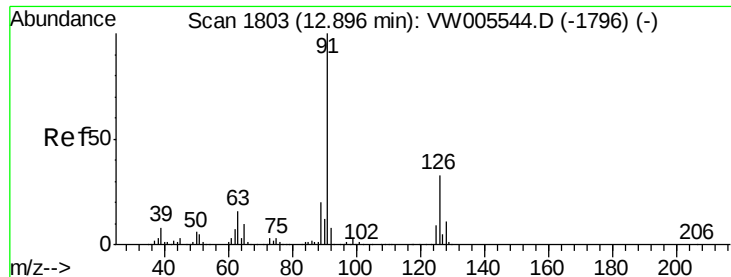
Delta R.T. -0.00 min

Lab File: VW005601.D

Acq: 25 Sep 2018 10:35

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.2	33.5





#79

2-Chlorotoluene

Concen: 56.049 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005601.D

Acq: 25 Sep 2018 10:35

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 465171

Ion Ratio Lower Upper

91 100

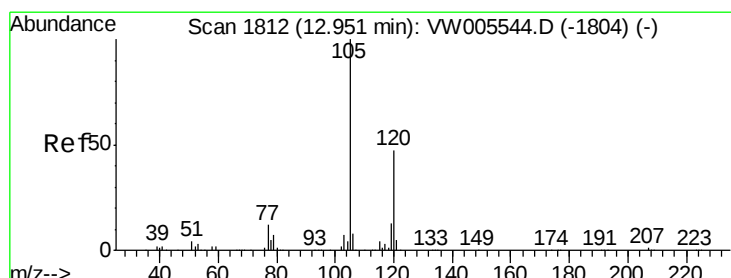
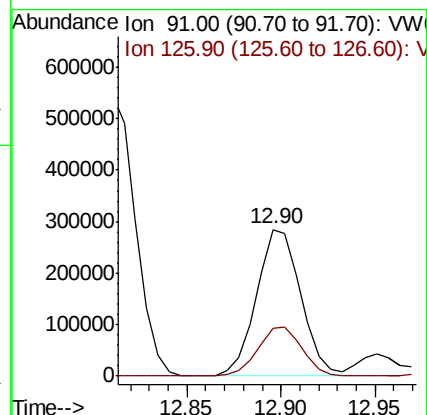
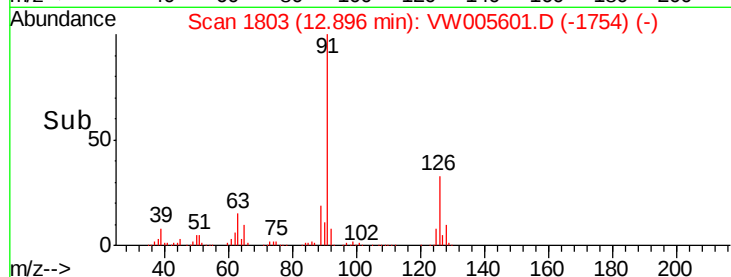
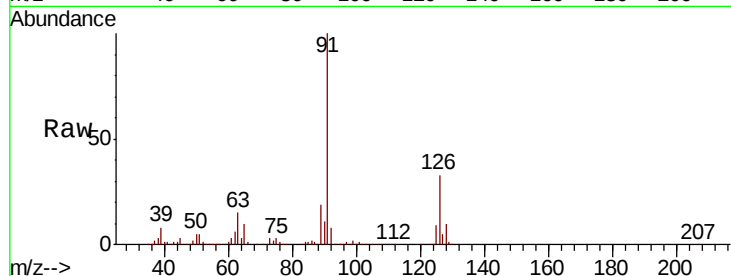
126 33.1 16.4 49.1

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#80

1,3,5-Trimethylbenzene

Concen: 57.527 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005601.D

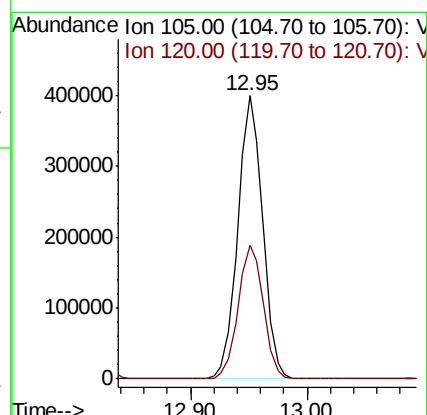
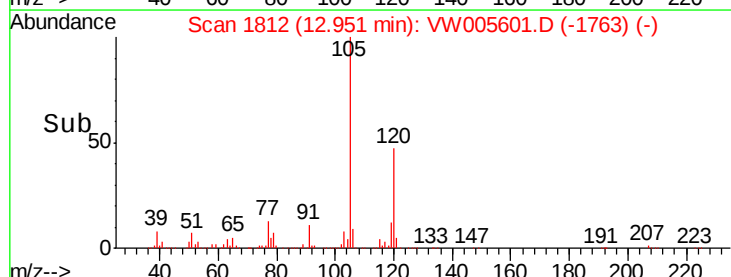
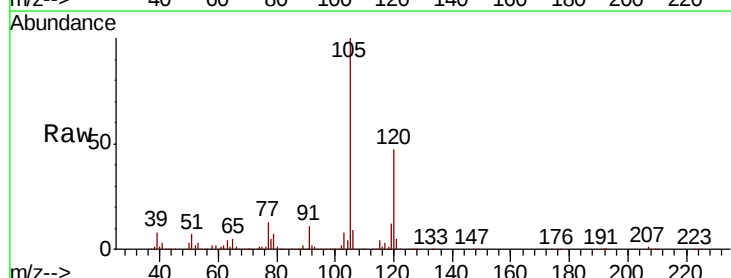
Acq: 25 Sep 2018 10:35

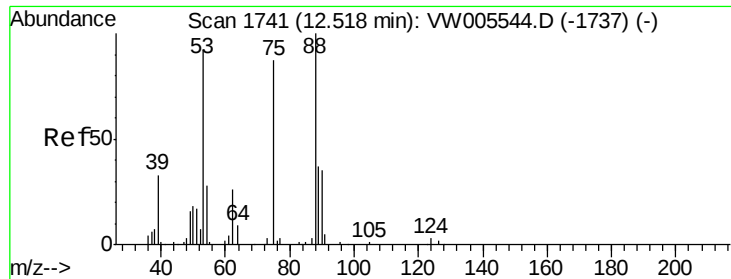
Tgt Ion:105 Resp: 592692

Ion Ratio Lower Upper

105 100

120 48.0 23.6 70.8





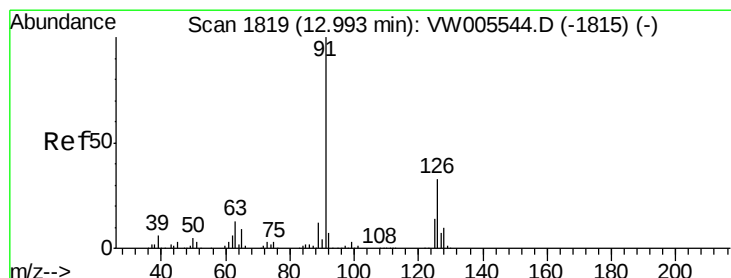
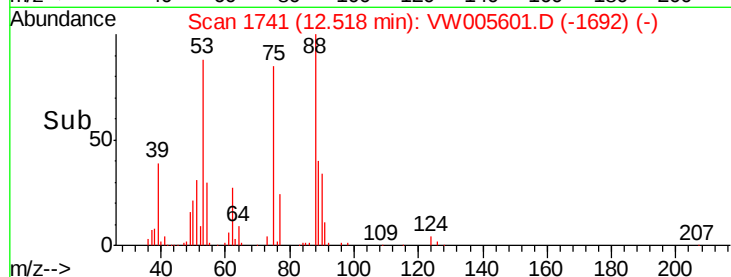
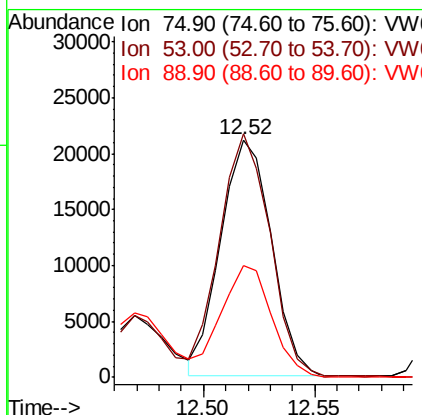
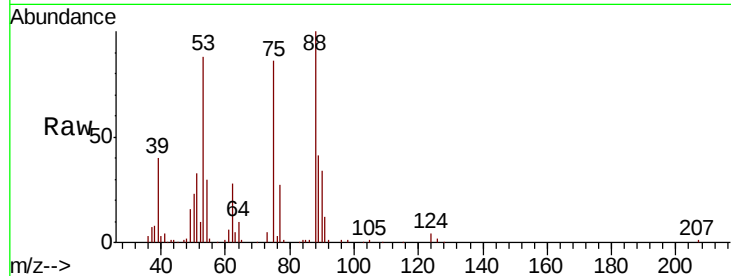
#81
trans-1,4-Dichloro-2-butene
Concen: 51.923 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005601.D
Acq: 25 Sep 2018 10:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.0	85.8	128.6
89	47.6	37.3	55.9

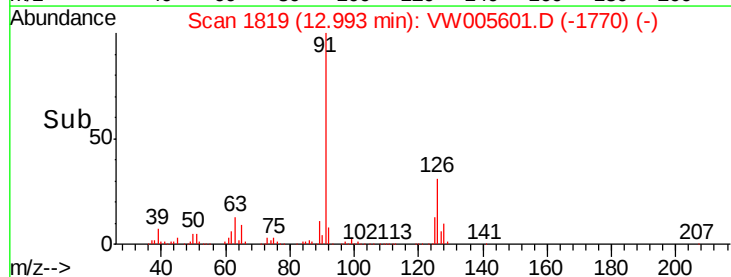
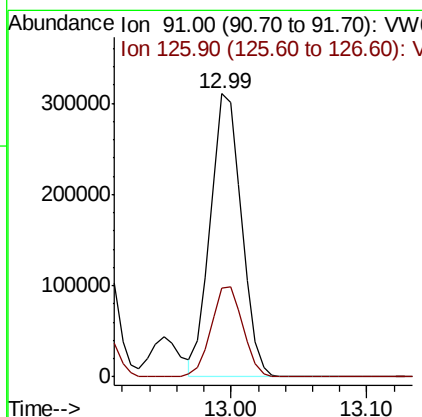
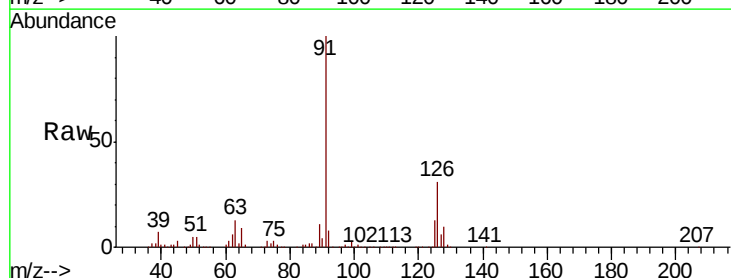
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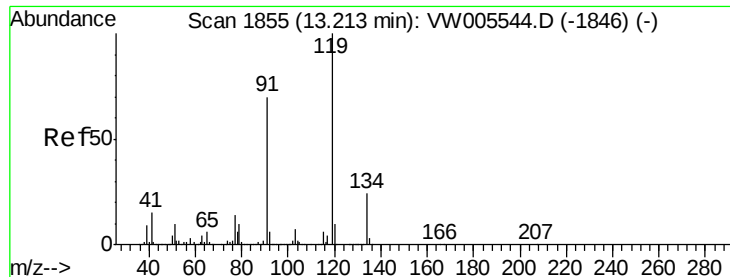
apatel
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#82
4-Chlorotoluene
Concen: 56.128 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005601.D
Acq: 25 Sep 2018 10:35

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.4	49.4





#83

tert-Butylbenzene

Concen: 58.799 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005601.D

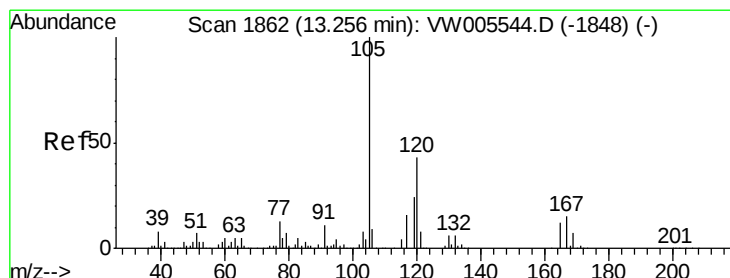
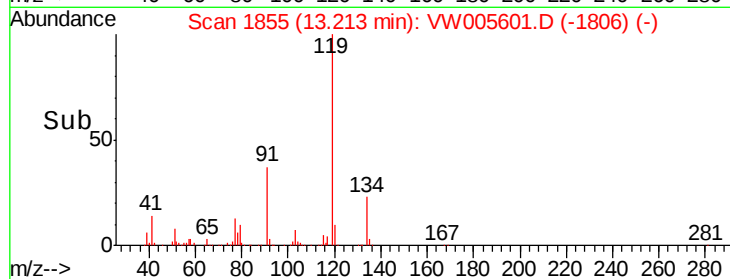
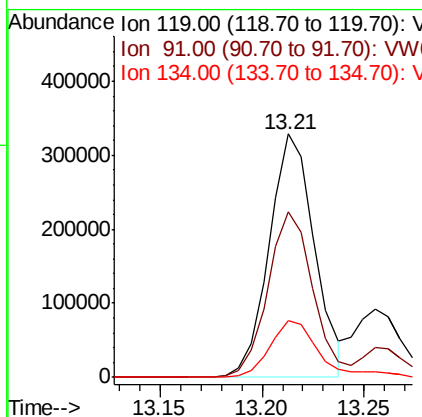
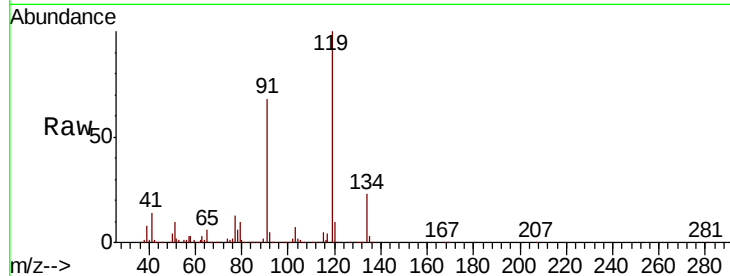
Acq: 25 Sep 2018 10:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.2	34.6	103.8
134	25.6	12.6	37.6

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#84

1,2,4-Trimethylbenzene

Concen: 57.968 ug/l

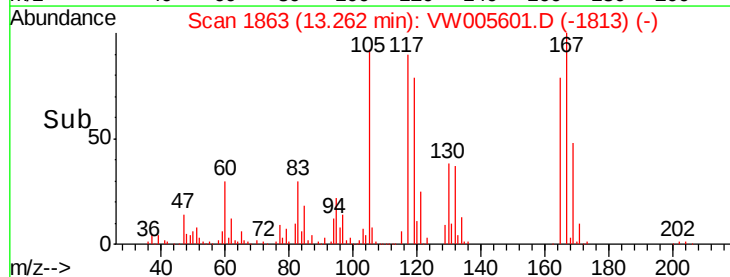
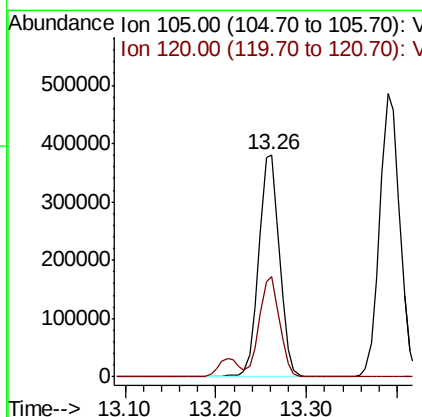
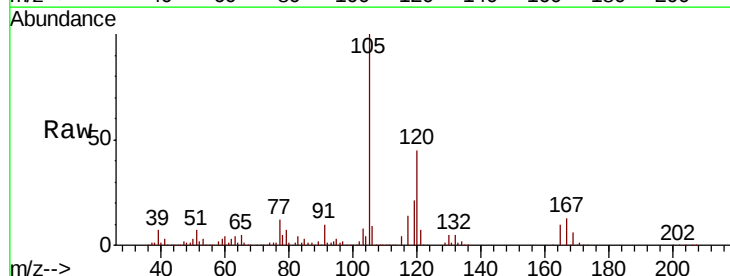
RT: 13.26 min Scan# 1863

Delta R.T. 0.01 min

Lab File: VW005601.D

Acq: 25 Sep 2018 10:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	21.5	64.5





#85

sec-Butylbenzene

Concen: 59.359 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005601.D

Acq: 25 Sep 2018 10:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 745168

Ion Ratio Lower Upper

105 100

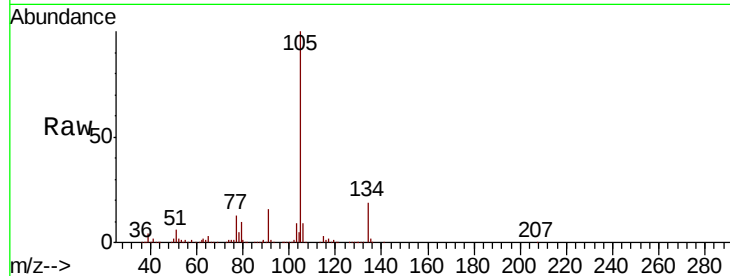
134 19.9 9.8 29.5

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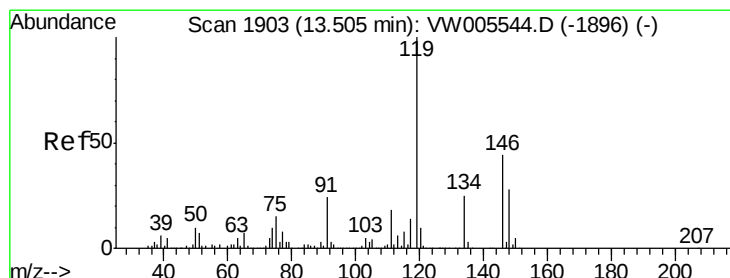
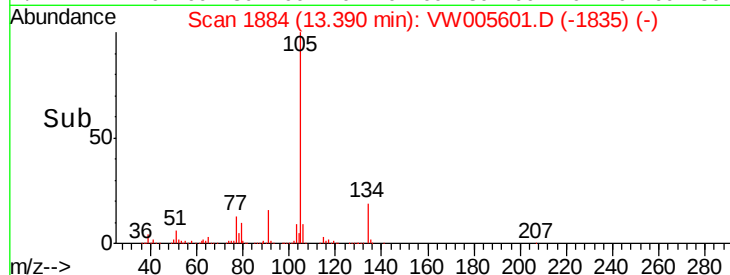
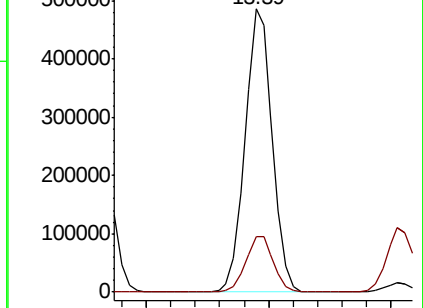
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 59.155 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005601.D

Acq: 25 Sep 2018 10:35

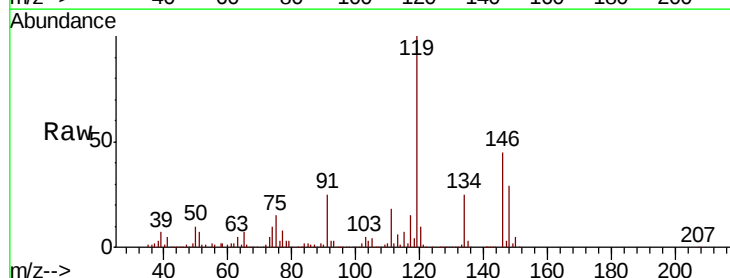
Tgt Ion:119 Resp: 665620

Ion Ratio Lower Upper

119 100

134 25.3 12.7 38.1

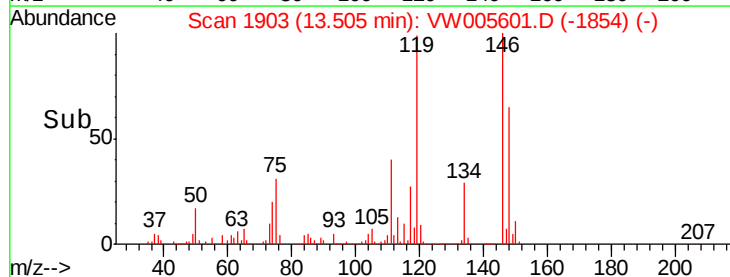
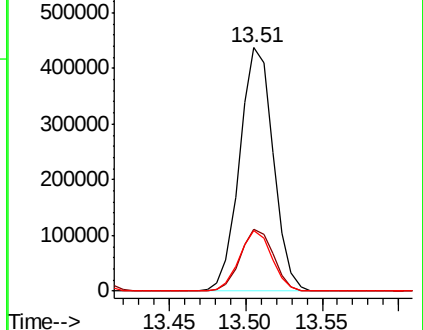
91 24.2 12.2 36.4

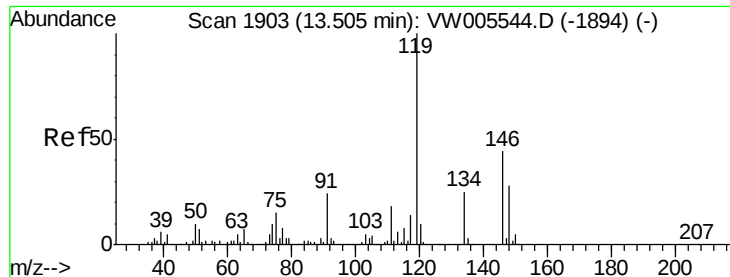


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 54.462 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005601.D

Acq: 25 Sep 2018 10:35

Instrument :

MSVOA_W

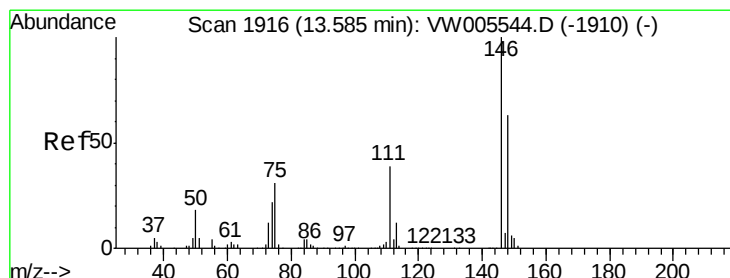
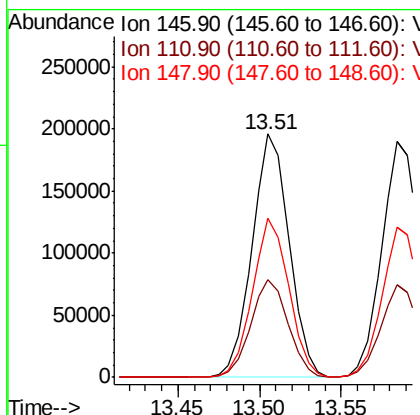
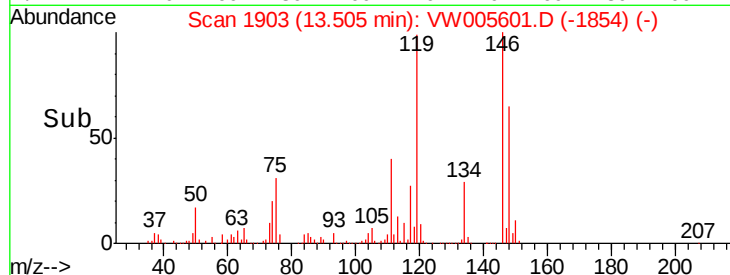
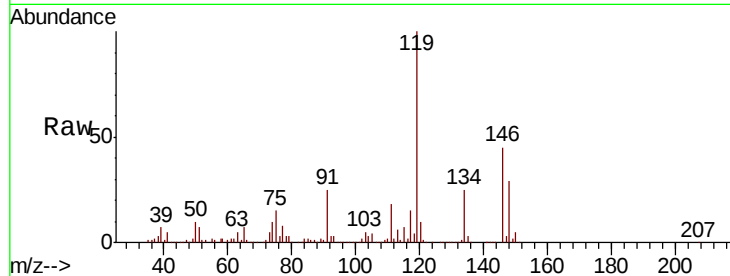
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	309262
Ion Ratio	Lower	Upper	
146	100		
111	40.2	20.3	60.9
148	64.2	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 54.193 ug/l

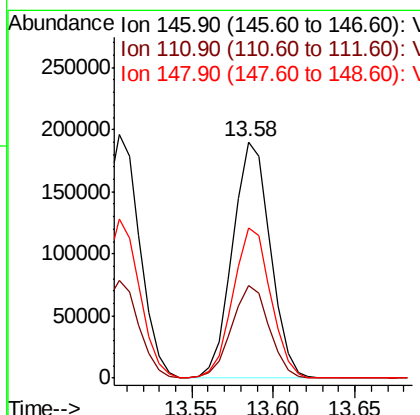
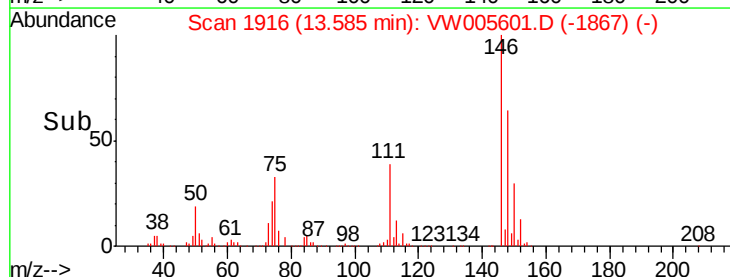
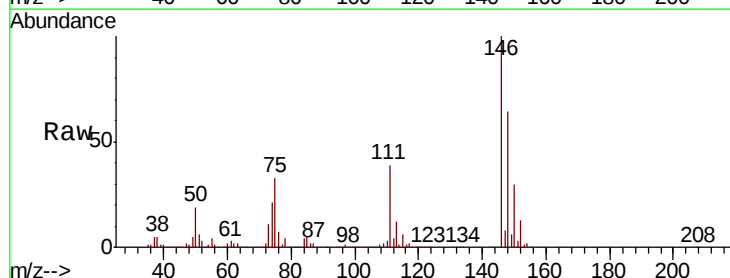
RT: 13.58 min Scan# 1916

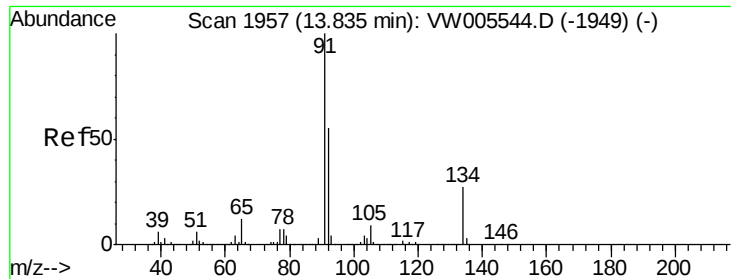
Delta R.T. -0.00 min

Lab File: VW005601.D

Acq: 25 Sep 2018 10:35

Tgt Ion:	146	Resp:	306060
Ion Ratio	Lower	Upper	
146	100		
111	39.3	19.9	59.7
148	63.8	32.1	96.3





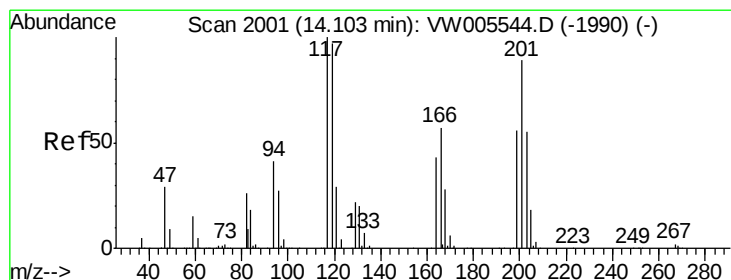
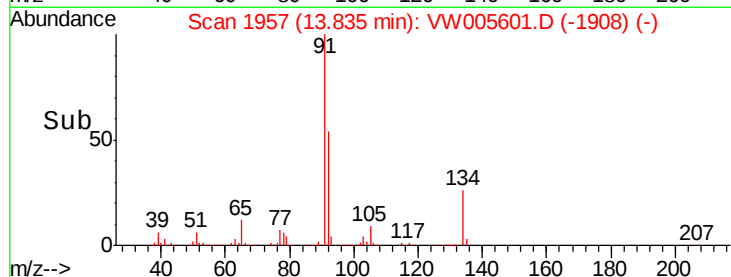
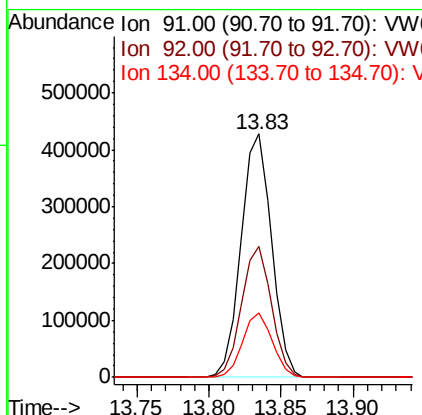
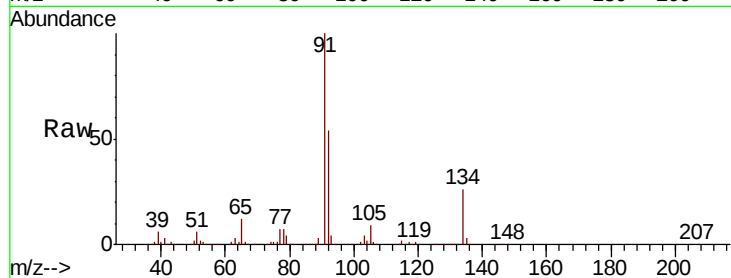
#89
n-Butylbenzene
Concen: 59.164 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. -0.00 min
Lab File: VW005601.D
Acq: 25 Sep 2018 10:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.5	79.5
134	25.8	12.9	38.7

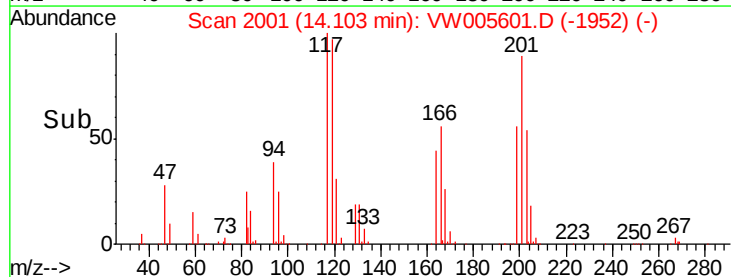
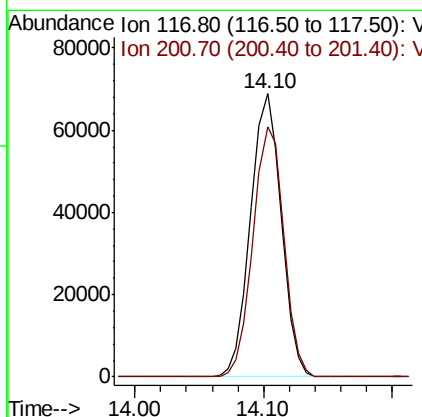
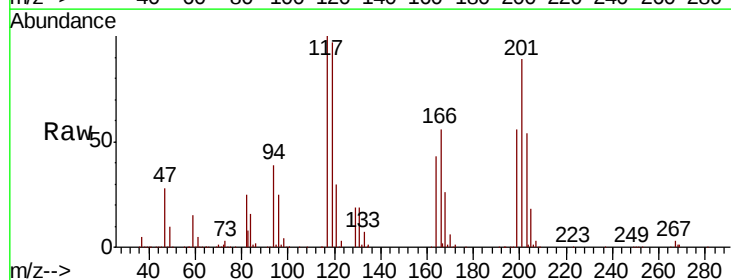
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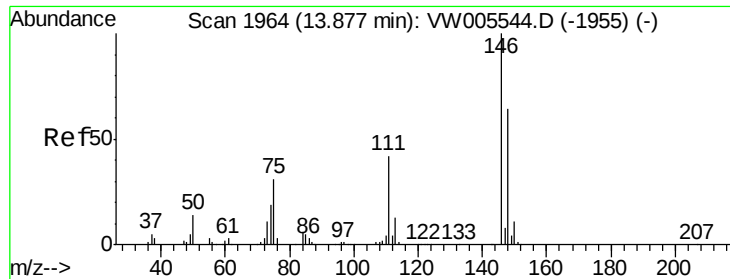
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#90
Hexachloroethane
Concen: 55.669 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. -0.00 min
Lab File: VW005601.D
Acq: 25 Sep 2018 10:35

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.5	42.8	128.3





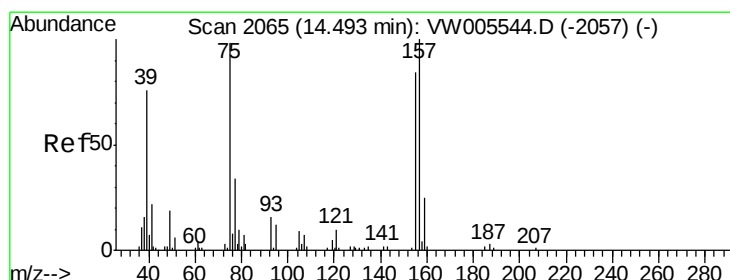
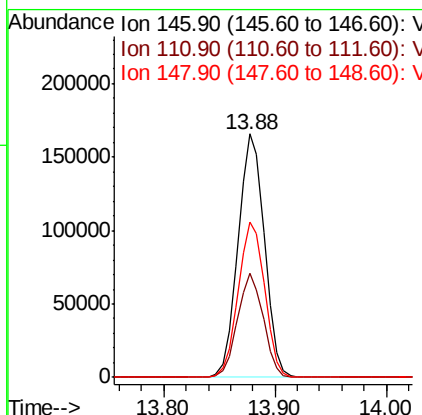
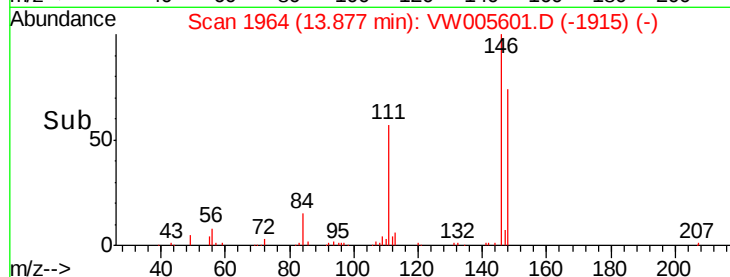
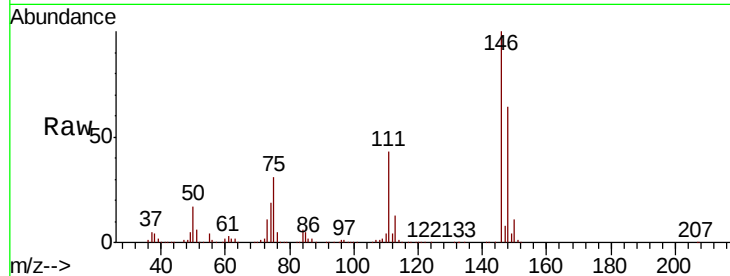
#91
 1,2-Dichlorobenzene
 Concen: 54.009 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005601.D
 Acq: 25 Sep 2018 10:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.3	63.9
148	64.1	32.0	96.2

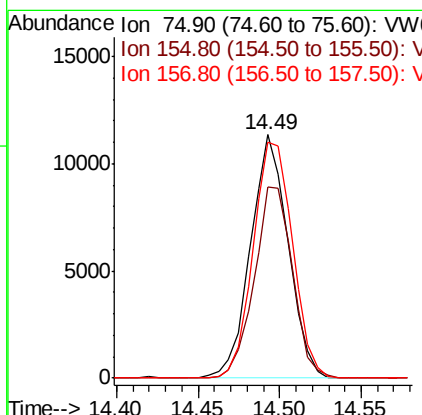
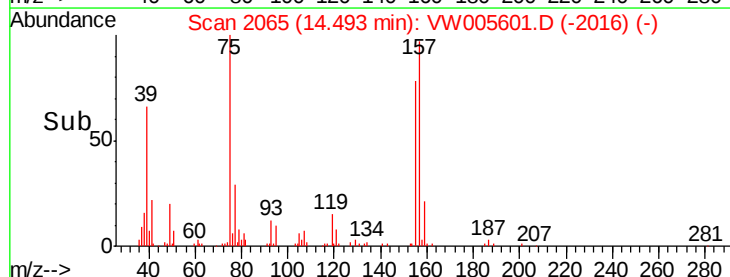
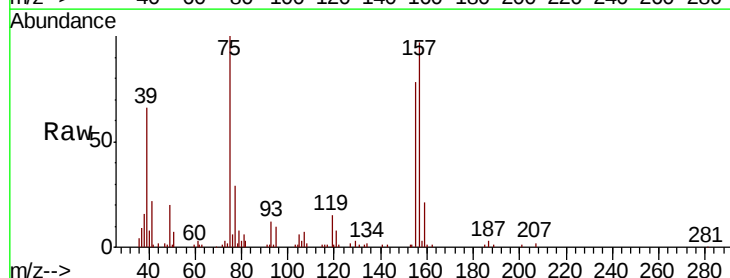
Manual Integrations
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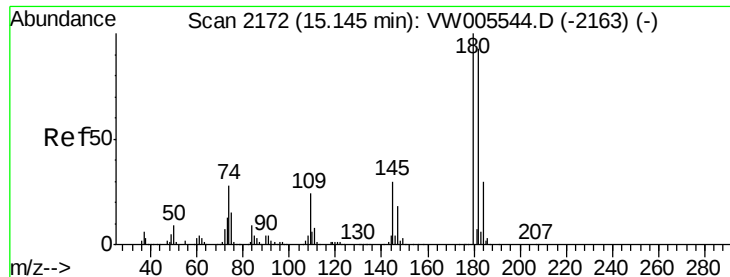
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.484 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005601.D
 Acq: 25 Sep 2018 10:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.9	39.1	117.5
157	101.7	50.8	152.4





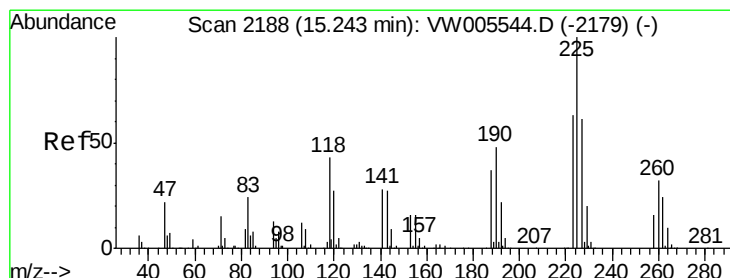
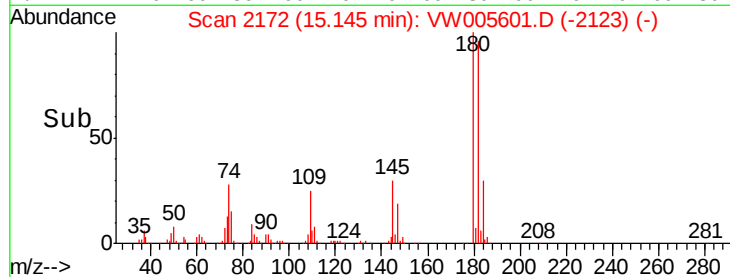
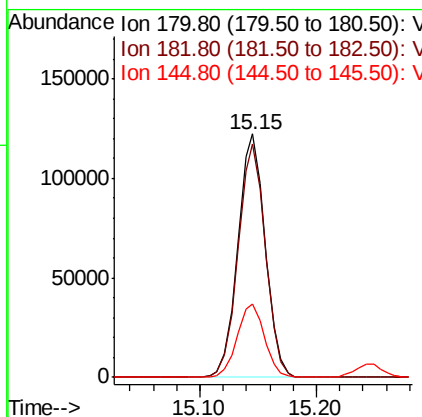
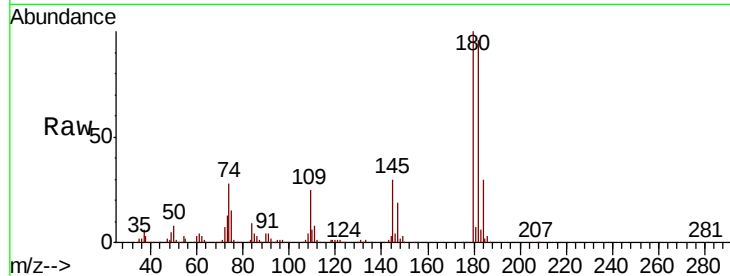
#93
 1,2,4-Trichlorobenzene
 Concen: 55.862 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW005601.D
 Acq: 25 Sep 2018 10:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	199760		
182	95.5	47.7	143.1	
145	30.3	15.0	45.1	

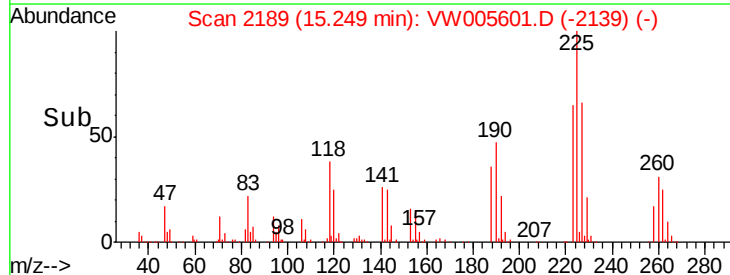
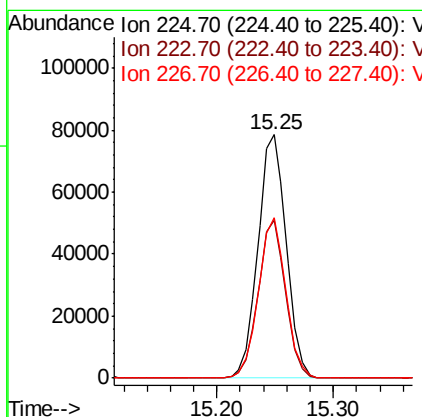
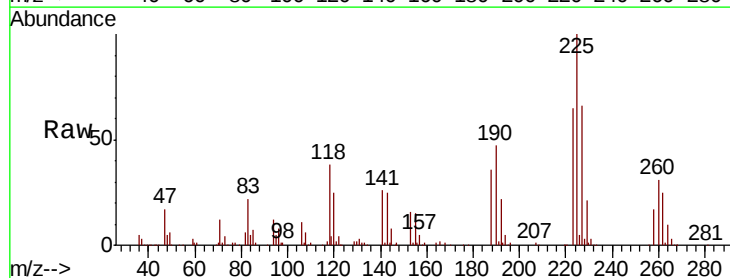
Manual Integrations
 APPROVED

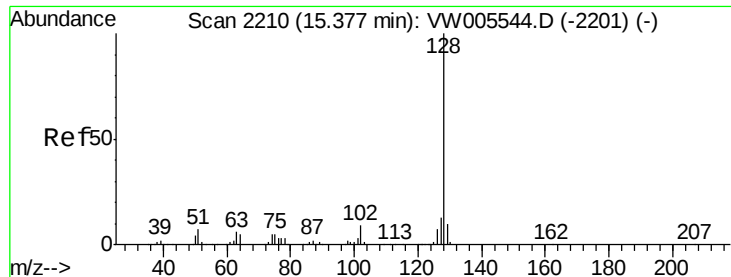
apatel
 9/26/2018 12:25:49 PM



#94
 Hexachlorobutadiene
 Concen: 57.269 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW005601.D
 Acq: 25 Sep 2018 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	132672		
223	62.7	31.1	93.3	
227	63.8	31.8	95.3	





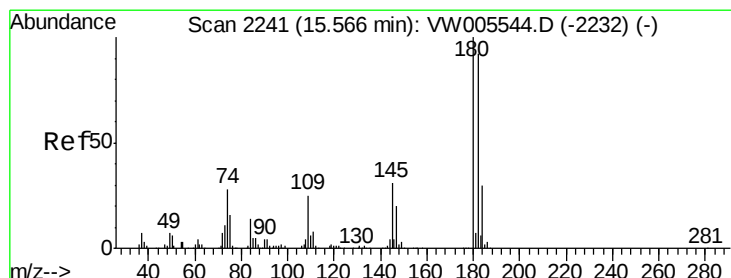
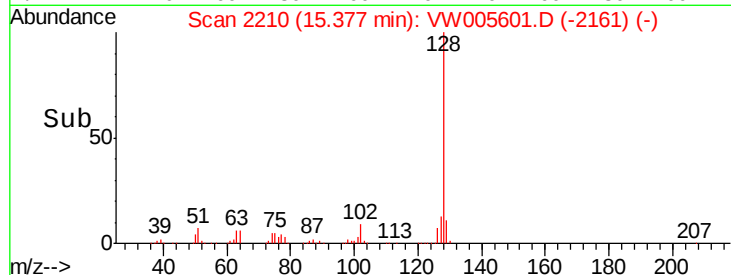
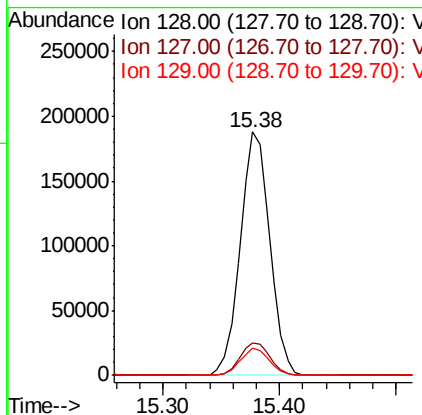
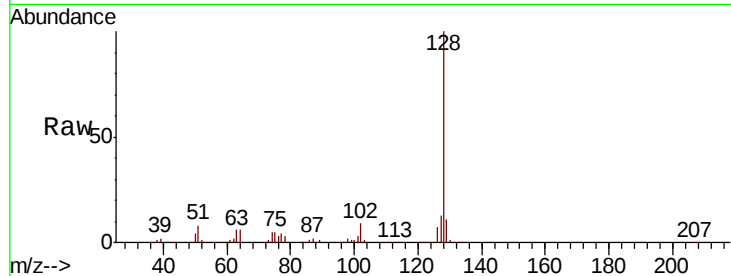
#95
Naphthalene
Concen: 55.348 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005601.D
Acq: 25 Sep 2018 10:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	332913		
127	13.5	10.9	16.3	
129	10.9	8.6	13.0	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 54.616 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005601.D
Acq: 25 Sep 2018 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	172114		
182	95.5	47.3	141.9	
145	31.9	16.0	47.9	

