

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091818\
 Data File : VW005502.D
 Acq On : 19 Sep 2018 03:14
 Operator : SY/AP
 Sample : VW0918SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

Manual Integrations
 APPROVED

apatel
 9/19/2018 3:44:54 PM

Quant Time: Sep 19 07:01:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	291325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	454516	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	442167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	221743	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	154644	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
35) Dibromofluoromethane	7.89	113	125736	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
50) Toluene-d8	10.33	98	609325	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	
62) 4-Bromofluorobenzene	12.63	95	223819	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	59573	21.63	ug/l	99
3) Chloromethane	2.21	50	86266	25.09	ug/l	99
4) Vinyl Chloride	2.36	62	73881	22.94	ug/l	97
5) Bromomethane	2.76	94	48932	21.80	ug/l	99
6) Chloroethane	2.92	64	41067	21.51	ug/l	100
7) Trichlorofluoromethane	3.26	101	85370	20.00	ug/l	97
8) Diethyl Ether	3.69	74	29859	23.54	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.07	101	54323	21.83	ug/l	96
10) Methyl Iodide	4.28	142	44626	17.01	ug/l	96
11) Tert butyl alcohol	5.18	59	23189	116.96	ug/l	96
12) 1,1-Dichloroethene	4.04	96	50480	22.40	ug/l	97
13) Acrolein	3.90	56	17209	130.17	ug/l	99
14) Allyl chloride	4.68	41	103829	24.76	ug/l	93
15) Acrylonitrile	5.38	53	71833	123.82	ug/l	97
16) Acetone	4.13	43	58034	124.40	ug/l	100
17) Carbon Disulfide	4.39	76	170240	21.44	ug/l	99
18) Methyl Acetate	4.68	43	35319	24.31	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	137402	22.45	ug/l	97
20) Methylene Chloride	4.92	84	83429	24.93	ug/l	88
21) trans-1,2-Dichloroethene	5.43	96	60289	22.40	ug/l	96
22) Diisopropyl ether	6.32	45	212061	25.72	ug/l	99
23) Vinyl Acetate	6.27	43	582797	124.05	ug/l	99
24) 1,1-Dichloroethane	6.23	63	114524	22.89	ug/l	98
25) 2-Butanone	7.18	43	92219	126.77	ug/l	92
26) 2,2-Dichloropropane	7.18	77	88789	19.78	ug/l	97
27) cis-1,2-Dichloroethene	7.18	96	65595	22.40	ug/l	97
28) Bromochloromethane	7.52	49	46402	23.84	ug/l	89
29) Tetrahydrofuran	7.54	42	60794	131.19	ug/l	94
30) Chloroform	7.68	83	113391	21.89	ug/l	99
31) Cyclohexane	7.96	56	114206	23.66	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	99602	20.67	ug/l	98
36) 1,1-Dichloropropene	8.09	75	93449	21.72	ug/l	99
37) Ethyl Acetate	7.26	43	42537	24.32	ug/l	98
38) Carbon Tetrachloride	8.07	117	85930	19.17	ug/l	97

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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	103757	20.76	ug/l	99
40) Benzene	8.33	78	265582	21.31	ug/l	99
41) Methacrylonitrile	7.49	41	26305	24.92	ug/l	96
42) 1,2-Dichloroethane	8.41	62	78916	20.23	ug/l	97
43) Isopropyl Acetate	8.43	43	78421	22.97	ug/l	99
44) Trichloroethene	9.10	130	65653	20.47	ug/l	100
45) 1,2-Dichloropropane	9.38	63	70071	23.54	ug/l	98
46) Dibromomethane	9.46	93	31079	21.22	ug/l	98
47) Bromodichloromethane	9.65	83	84152	21.21	ug/l	98
48) Methyl methacrylate	9.45	41	37532	22.03	ug/l	98
49) 1,4-Dioxane	9.45	88	10970	449.43	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	202386	115.16	ug/l	98
52) Toluene	10.40	92	181616	21.52	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	79939	20.13	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	96793	21.53	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	45829	21.06	ug/l	98
56) Ethyl methacrylate	10.65	69	59257	21.51	ug/l	98
57) 1,3-Dichloropropane	10.94	76	81064	21.58	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	143806	115.41	ug/l	96
59) 2-Hexanone	10.98	43	138269	115.51	ug/l	98
60) Dibromochloromethane	11.13	129	50976	19.46	ug/l	99
61) 1,2-Dibromoethane	11.24	107	40706	20.85	ug/l	99
64) Tetrachloroethene	10.87	164	68621	21.00	ug/l	98
65) Chlorobenzene	11.66	112	193414	20.61	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	57980	19.33	ug/l	97
67) Ethyl Benzene	11.74	91	348351	21.11	ug/l	98
68) m/p-Xylenes	11.85	106	267820	42.17	ug/l	100
69) o-Xylene	12.17	106	123118	20.82	ug/l	99
70) Styrene	12.19	104	203437	20.84	ug/l	99
71) Bromoform	12.35	173	29377	18.51	ug/l #	100
73) Isopropylbenzene	12.47	105	340900	21.91	ug/l	100
74) N-amyl acetate	12.28	43	74088	22.60	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	50997	22.47	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	44677m	24.50	ug/l	
77) Bromobenzene	12.76	156	77408	21.05	ug/l	95
78) n-propylbenzene	12.81	91	417999	22.26	ug/l	99
79) 2-Chlorotoluene	12.90	91	244854	22.11	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	290853	21.43	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	13899	19.77	ug/l	94
82) 4-Chlorotoluene	13.00	91	258694	22.12	ug/l	98
83) tert-Butylbenzene	13.21	119	248521	22.04	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	294236	21.35	ug/l	99
85) sec-Butylbenzene	13.39	105	355911	21.85	ug/l	99
86) p-Isopropyltoluene	13.51	119	307452	21.10	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	155998	20.91	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	154616	21.05	ug/l	99
89) n-Butylbenzene	13.83	91	290599	21.42	ug/l	99
90) Hexachloroethane	14.10	117	51194	20.51	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	135198	20.74	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8791	20.17	ug/l	96

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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	86932	19.99	ug/l	99
94) Hexachlorobutadiene	15.25	225	56771	19.99	ug/l	99
95) Naphthalene	15.38	128	142350	19.64	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	75027	19.76	ug/l	99

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

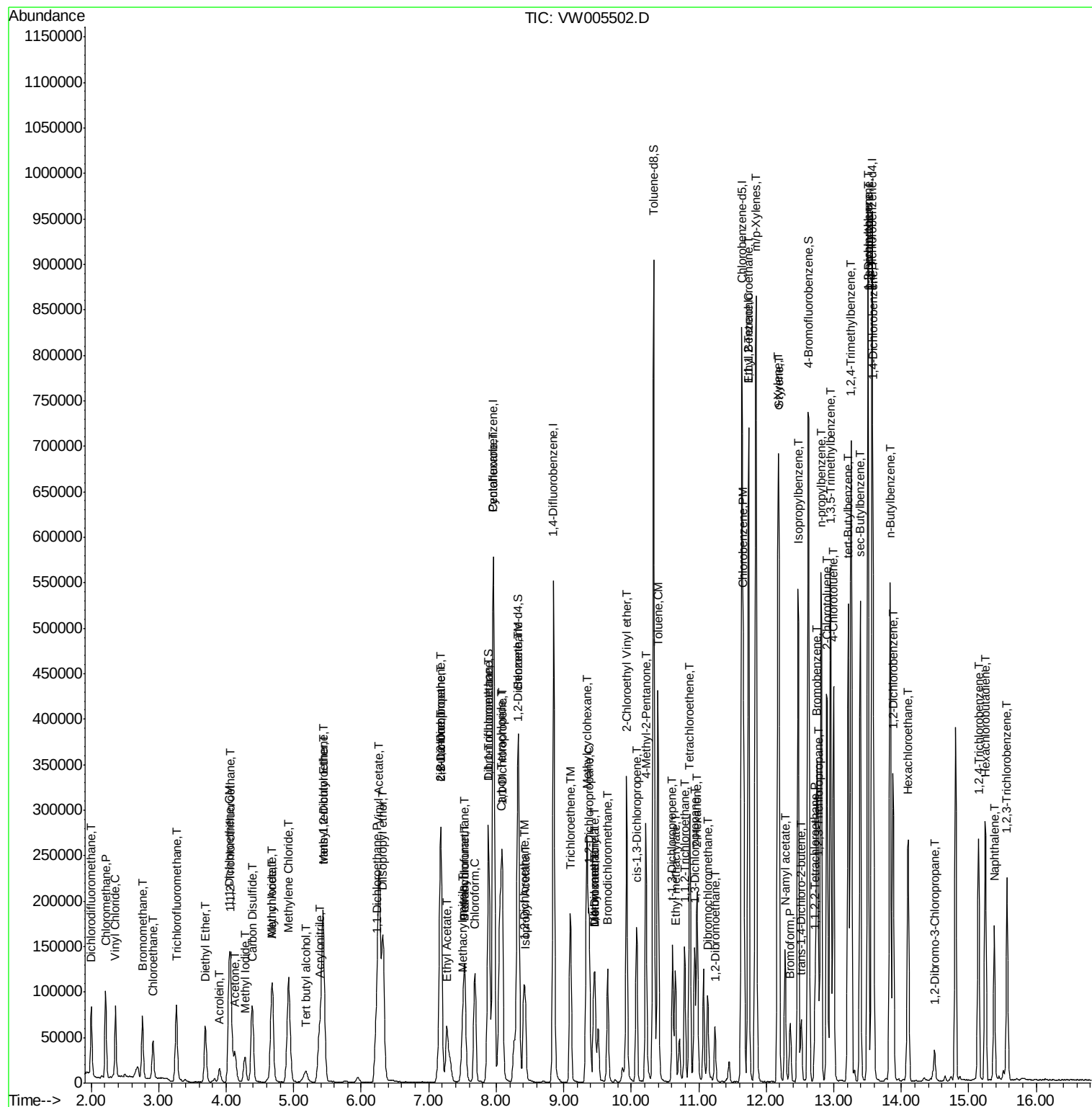
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091818\
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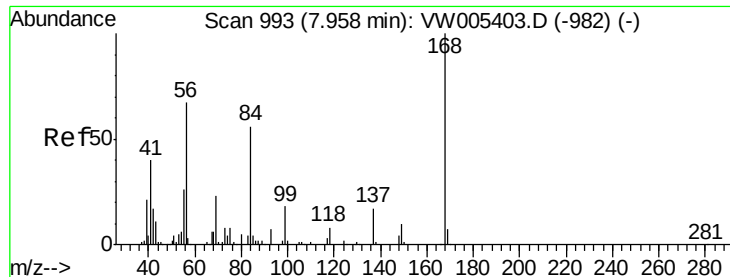
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

Tot Ion:168 Resp: 291325

Ion Ratio Lower Upper

168 100

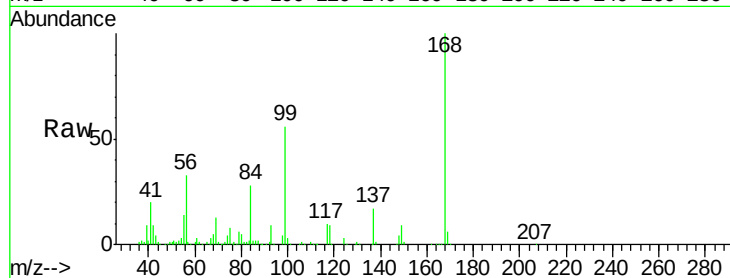
99 56.0 45.0 67.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

150000

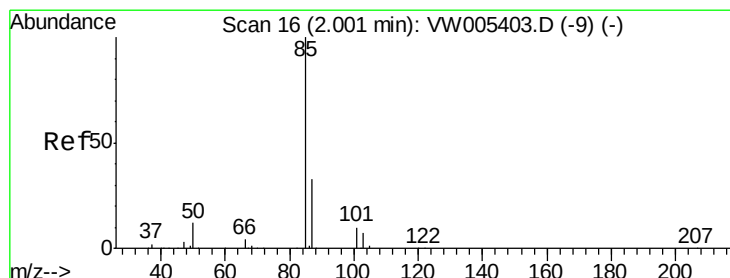
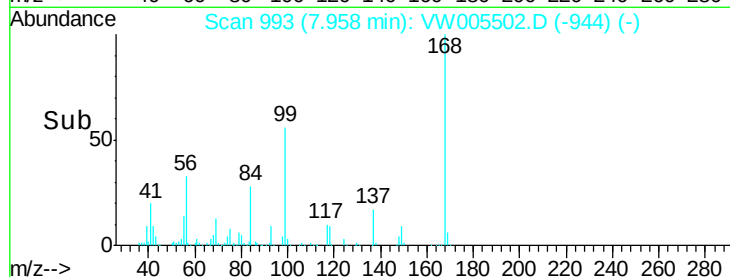
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50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 21.63 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW005502.D

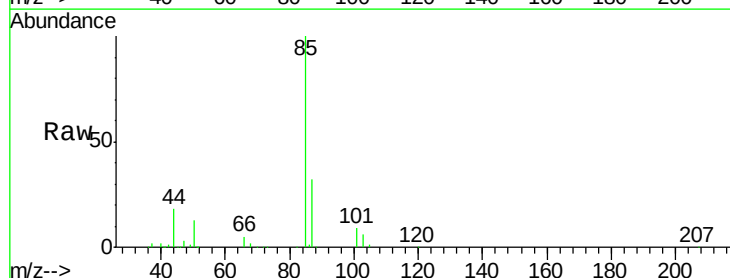
Acq: 19 Sep 2018 03:14

Tgt Ion: 85 Resp: 59573

Ion Ratio Lower Upper

85 100

87 32.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

50000

40000

30000

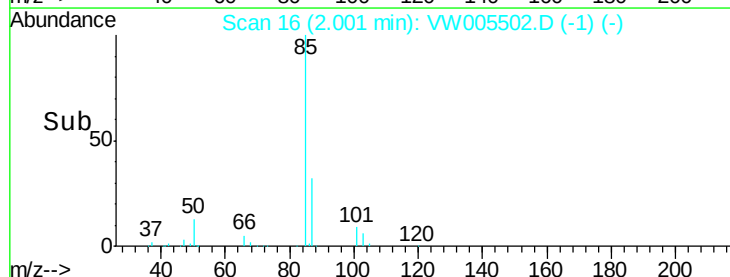
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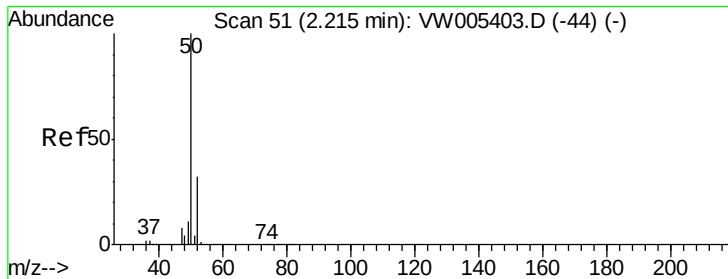
10000

0

1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 25.09 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

Tot Ion: 50 Resp: 86266

Ion Ratio Lower Upper

50 100

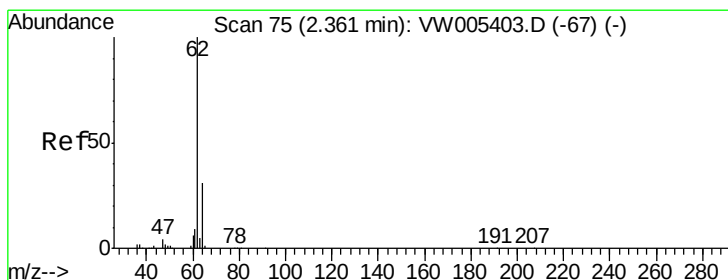
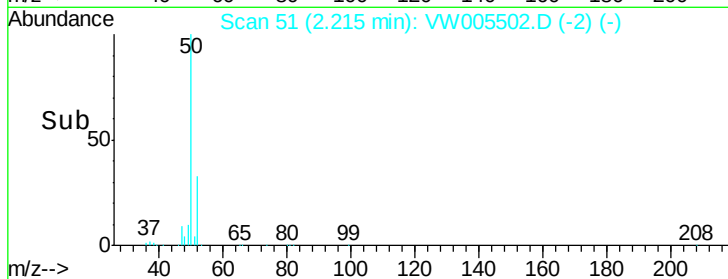
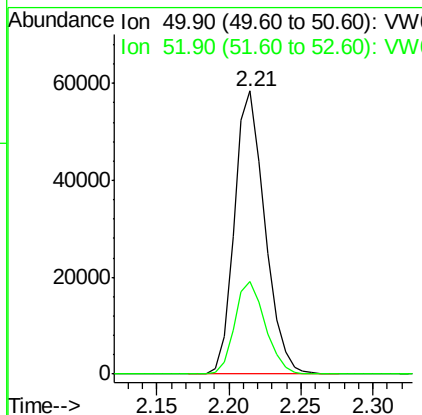
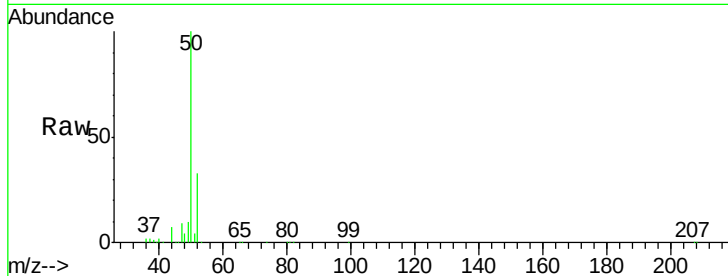
52 32.6 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 22.94 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW005502.D

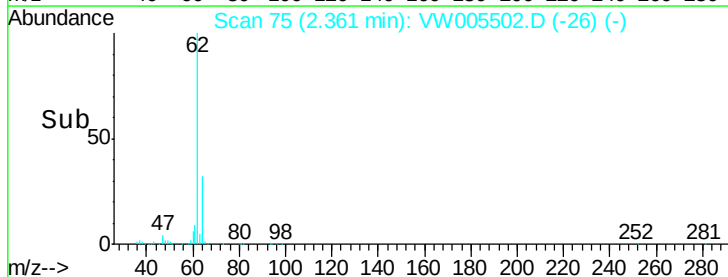
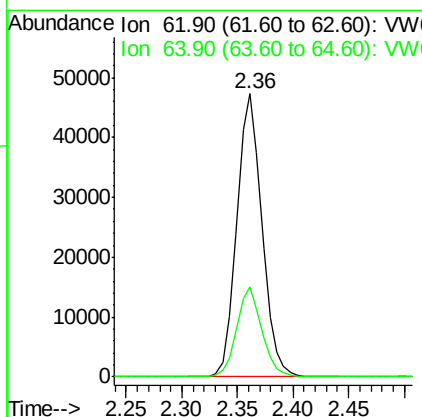
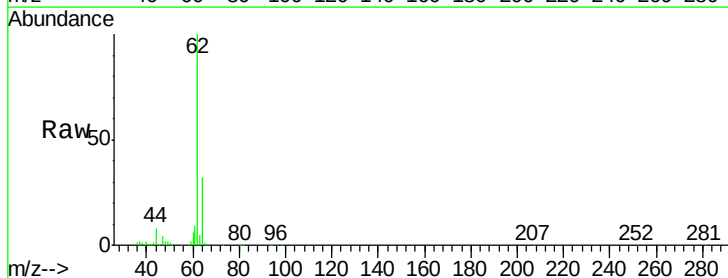
Acq: 19 Sep 2018 03:14

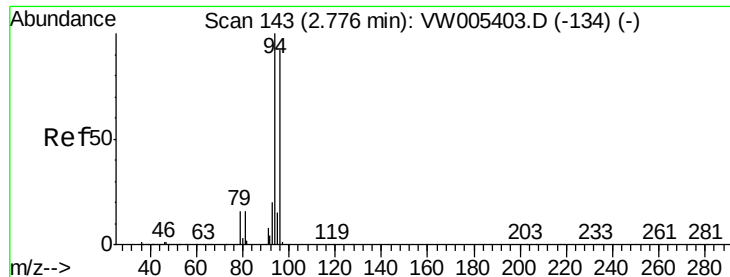
Tgt Ion: 62 Resp: 73881

Ion Ratio Lower Upper

62 100

64 32.0 24.5 36.7





#5

Bromomethane

Concen: 21.80 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.02 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 48932

Ion Ratio Lower Upper

94 100

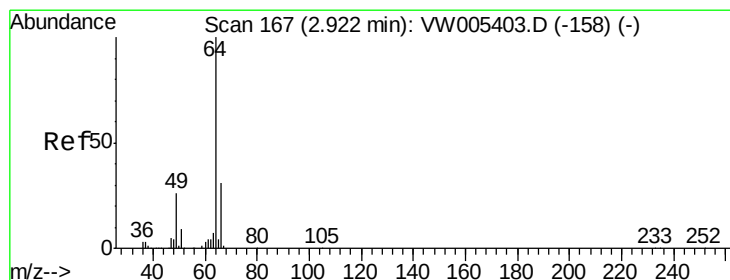
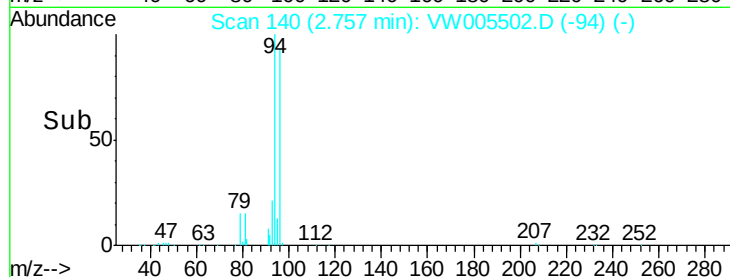
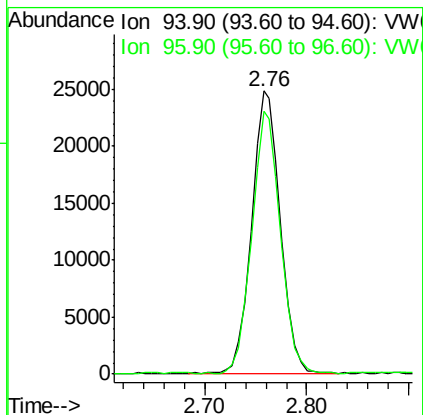
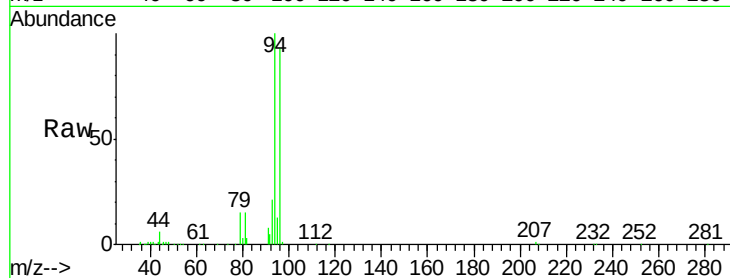
96 92.7 73.7 110.5

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#6

Chloroethane

Concen: 21.51 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW005502.D

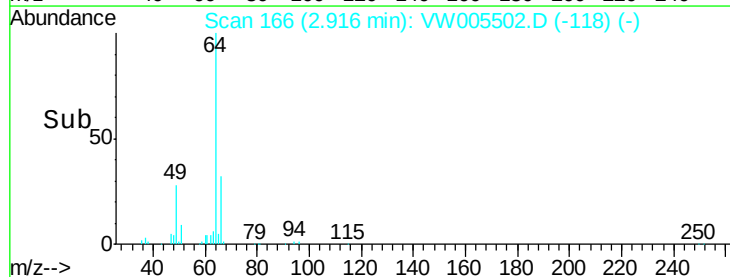
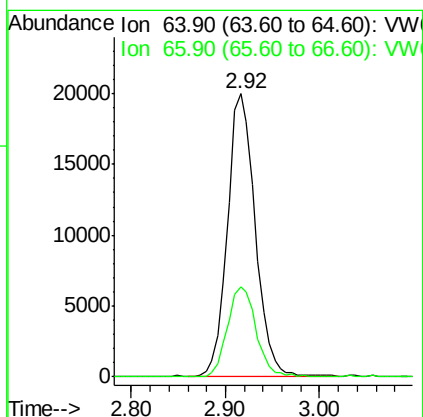
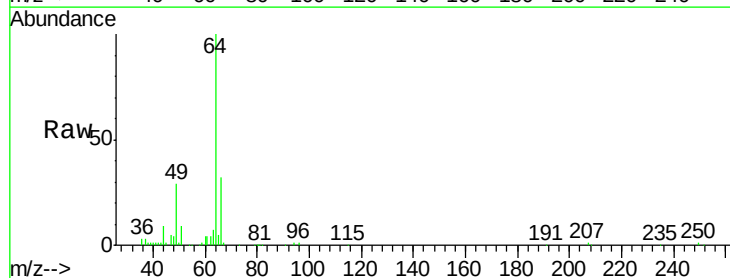
Acq: 19 Sep 2018 03:14

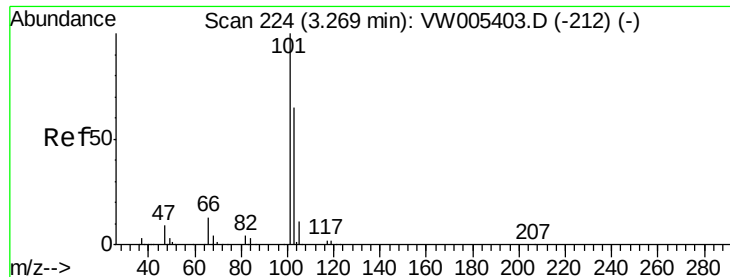
Tgt Ion: 64 Resp: 41067

Ion Ratio Lower Upper

64 100

66 31.8 25.2 37.8





#7

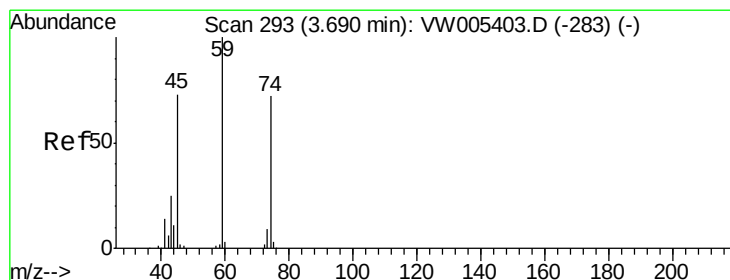
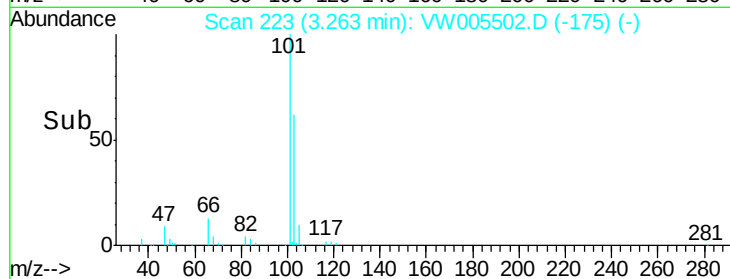
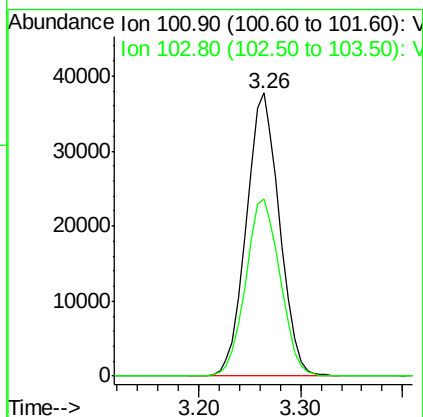
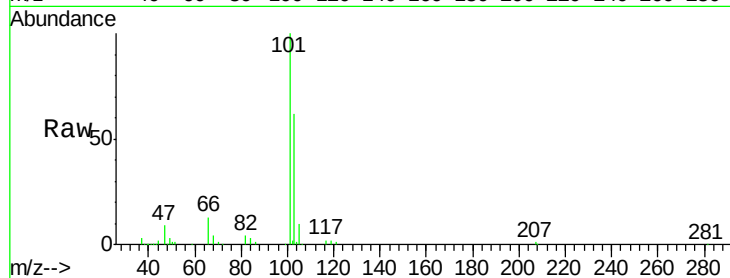
Trichlorofluoromethane
Concen: 20.00 ug/l
RT: 3.26 min Scan# 223
Delta R.T. -0.01 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.4	51.7	77.5

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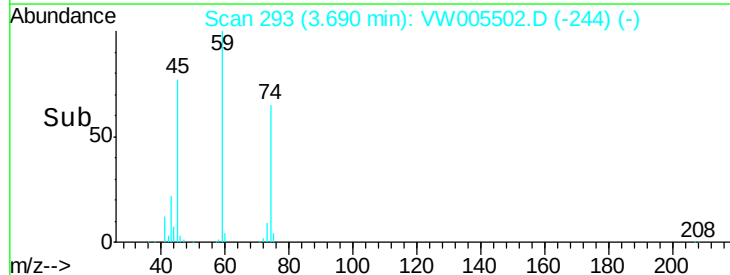
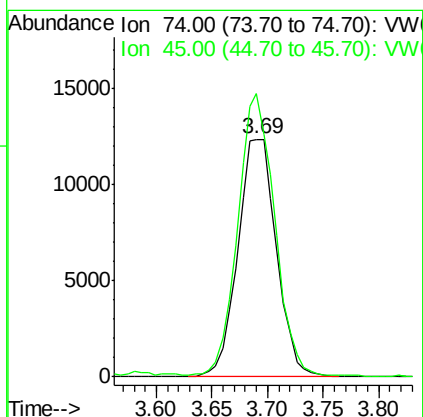
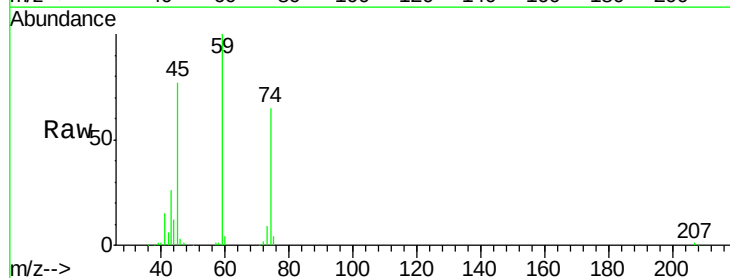
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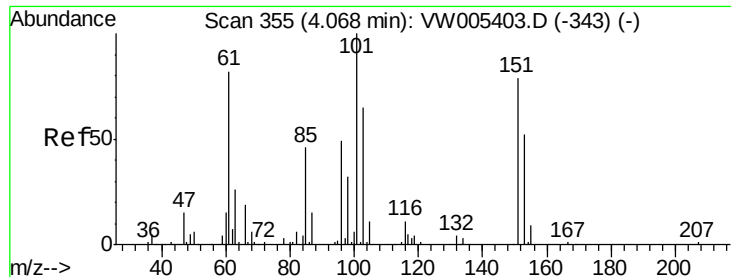


#8

Diethyl Ether
Concen: 23.54 ug/l
RT: 3.69 min Scan# 293
Delta R.T. 0.00 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	112.5	53.1	159.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.83 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

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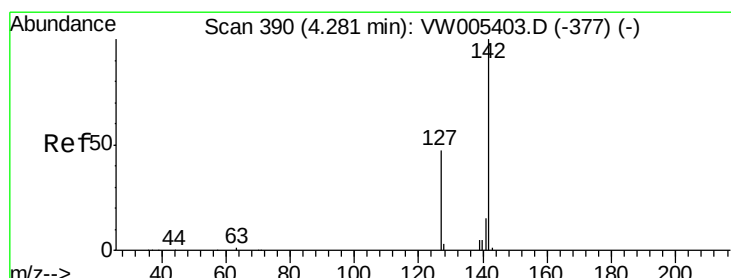
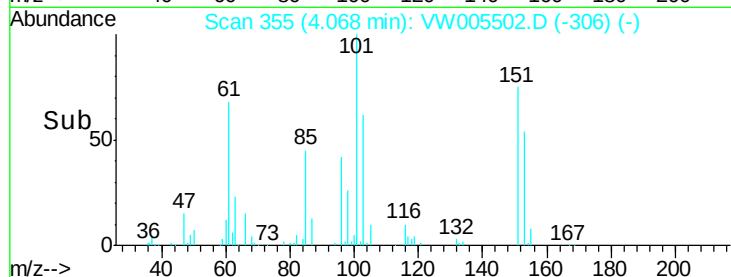
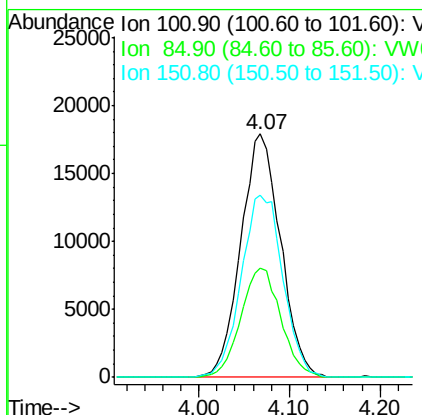
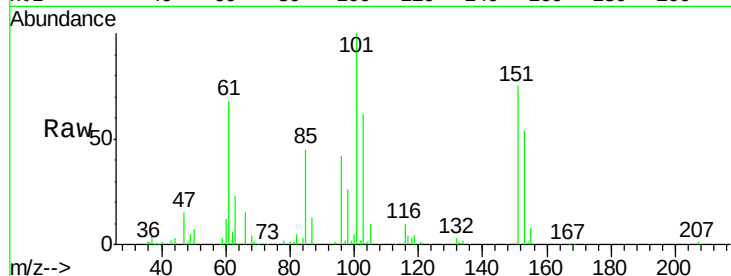
ClientSampleId :

VW0918SBS02

Tot Ion:	101	Resp:	54323
Ion Ratio	Lower	Upper	
101	100		
85	45.0	36.6	54.8
151	78.5	66.3	99.5

Manual Integrations
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#10

Methyl Iodide

Concen: 17.01 ug/l

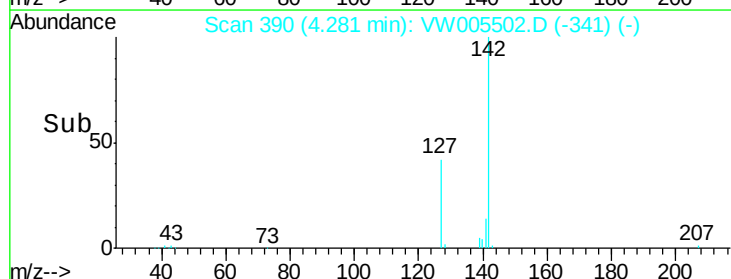
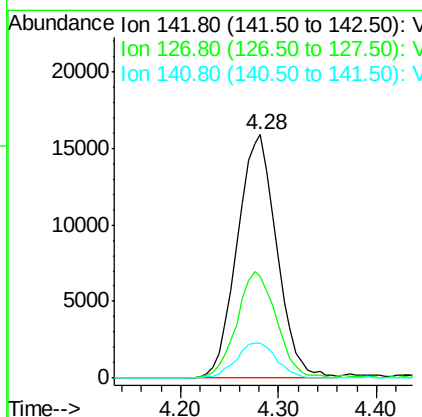
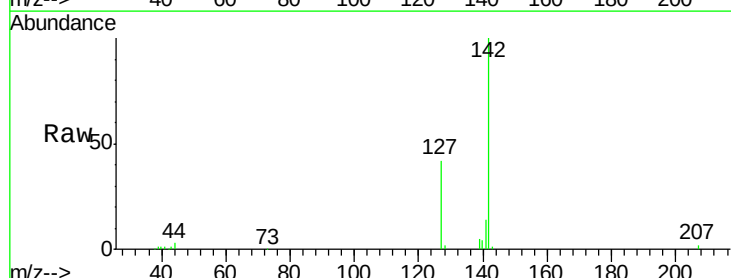
RT: 4.28 min Scan# 390

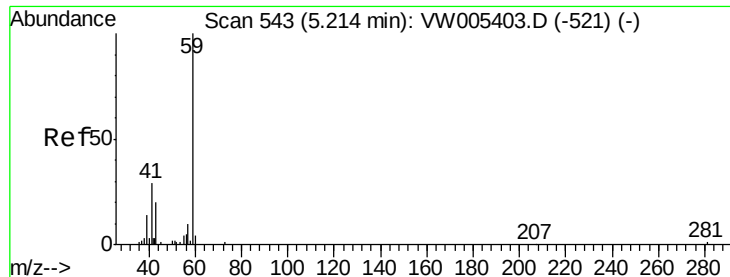
Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Tgt Ion:	142	Resp:	44626
Ion Ratio	Lower	Upper	
142	100		
127	43.8	37.5	56.3
141	15.0	12.4	18.6





#11

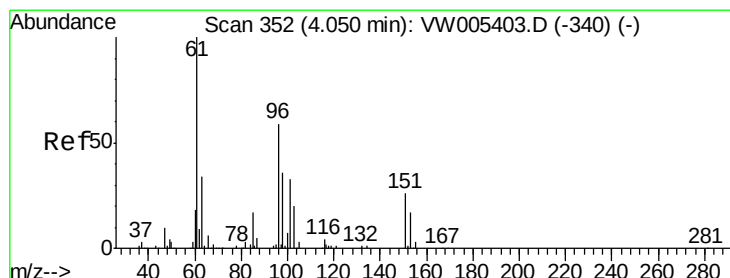
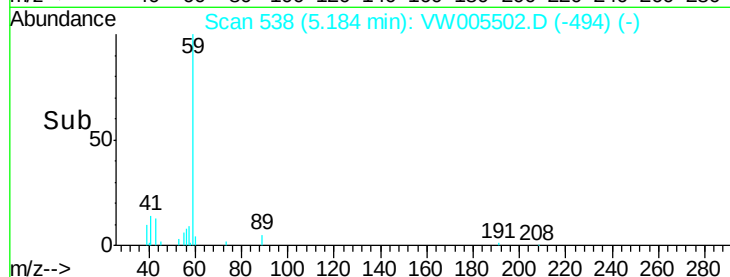
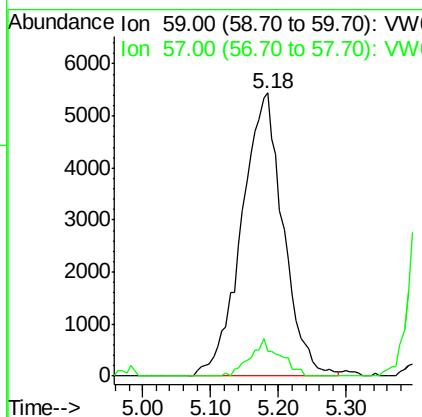
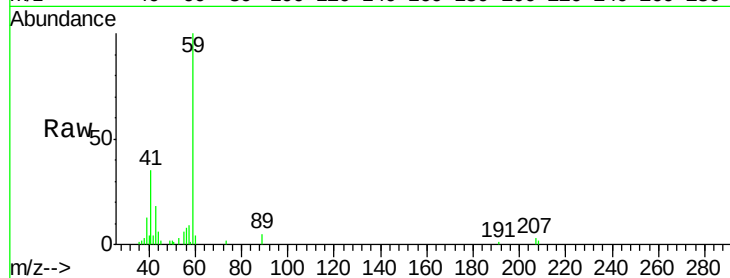
Tert butyl alcohol
Concen: 116.96 ug/l
RT: 5.18 min Scan# 538
Delta R.T. -0.03 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.3	8.6	13.0

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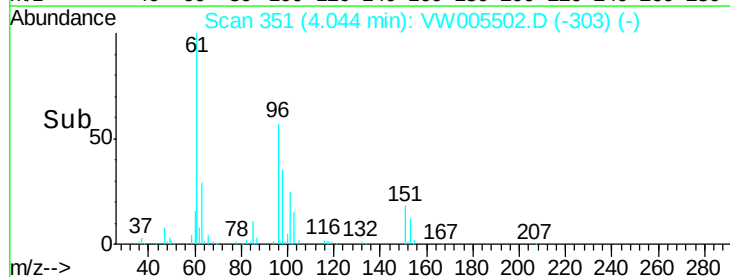
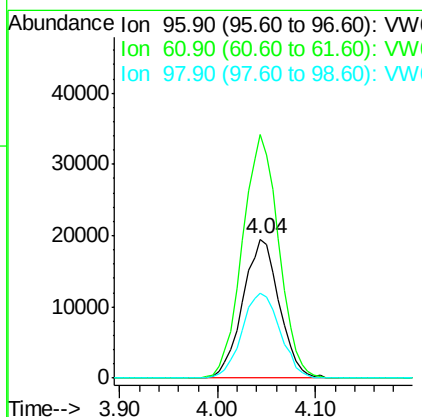
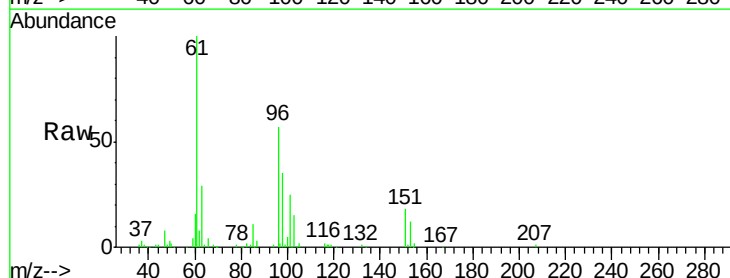
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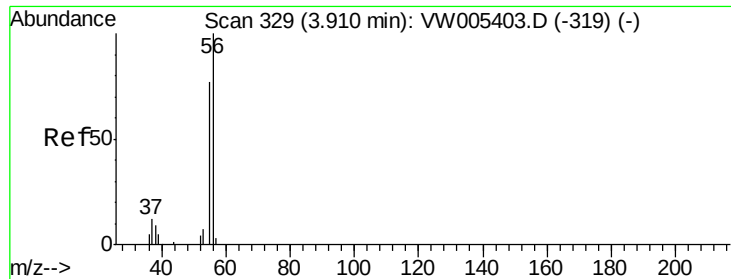


#12

1,1-Dichloroethene
Concen: 22.40 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.01 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	175.3	135.7	203.5
98	61.5	48.6	73.0





#13

Acrolein

Concen: 130.17 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.01 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

Tot Ion: 56 Resp: 17209

Ion Ratio Lower Upper

56 100

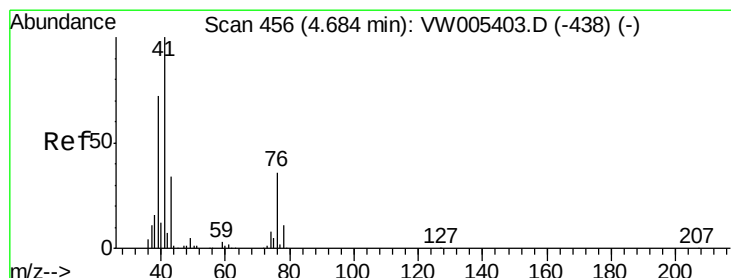
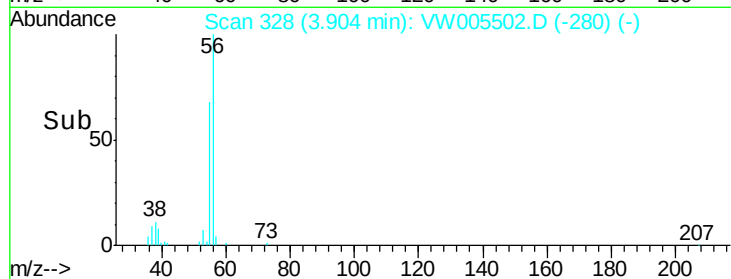
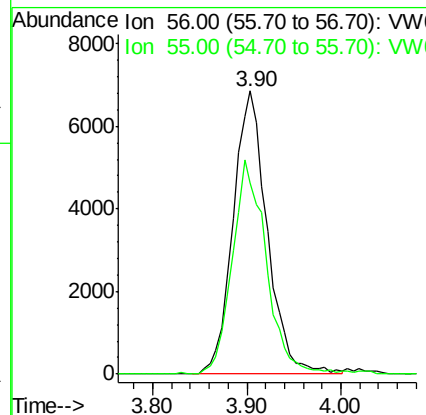
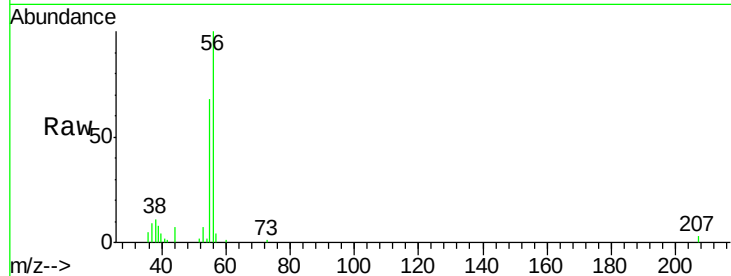
55 75.3 59.8 89.8

Manual Integrations

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#14

Allyl chloride

Concen: 24.76 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

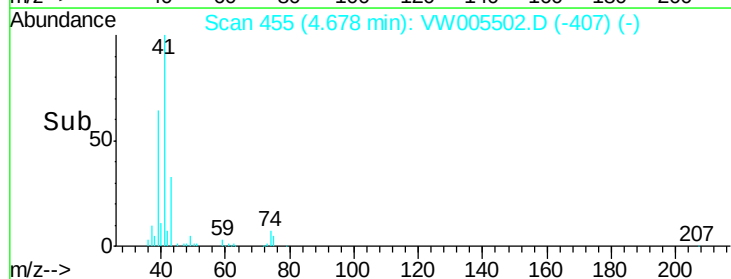
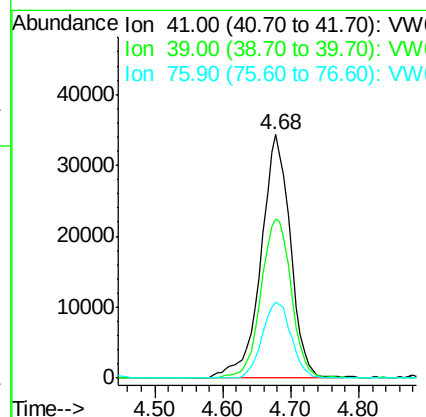
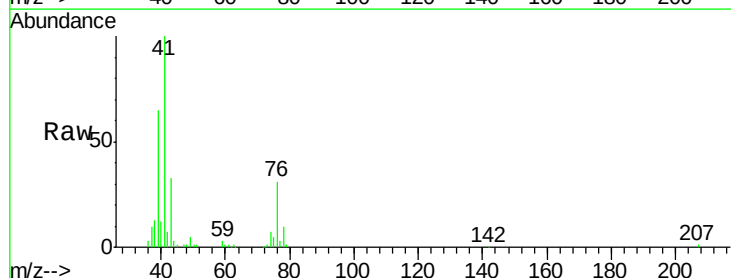
Tgt Ion: 41 Resp: 103829

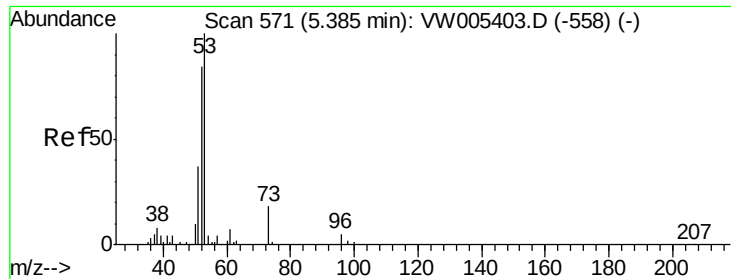
Ion Ratio Lower Upper

41 100

39 67.0 58.6 88.0

76 30.7 27.4 41.0





#15

Acrylonitrile

Concen: 123.82 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.01 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

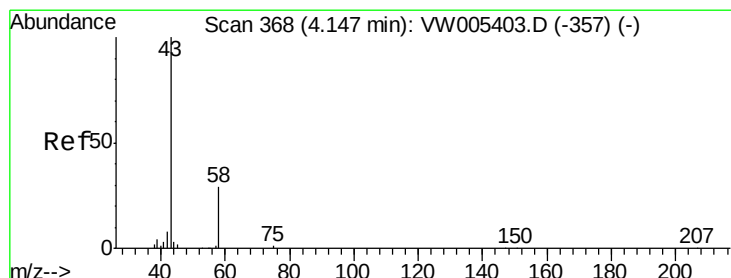
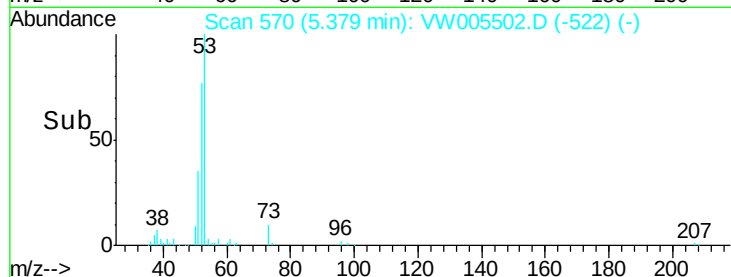
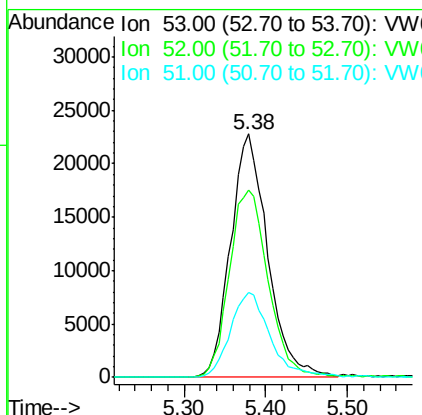
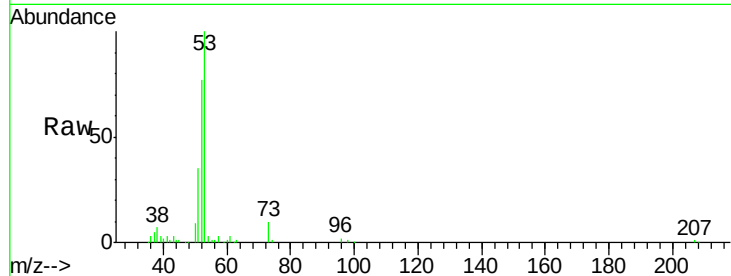
ClientSampleId :

VW0918SBS02

Tot Ion:	53	Resp:	71833
Ion Ratio	Lower	Upper	
53	100		
52	80.4	66.6	99.8
51	37.1	31.1	46.7

Manual Integrations
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#16

Acetone

Concen: 124.40 ug/l

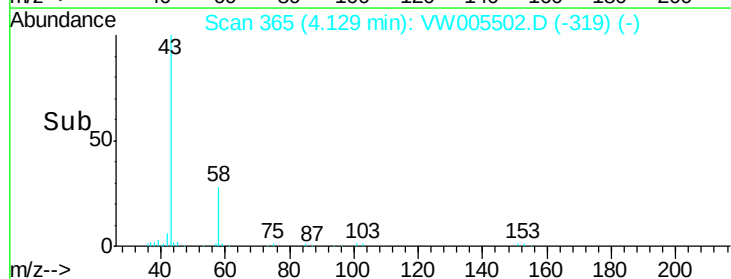
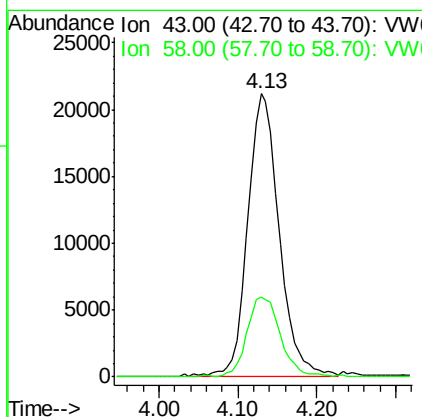
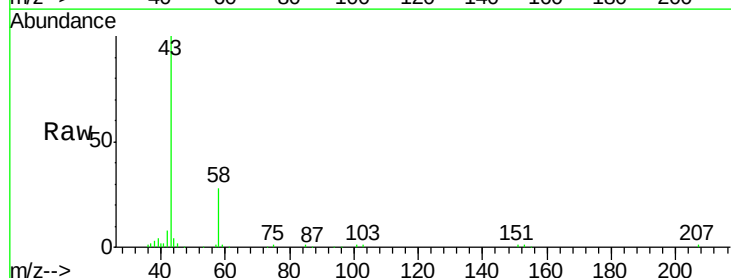
RT: 4.13 min Scan# 365

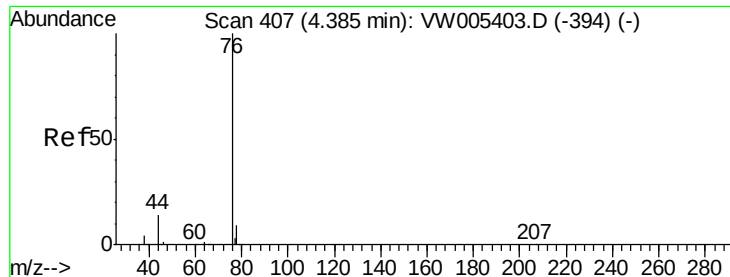
Delta R.T. -0.02 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Tgt Ion:	43	Resp:	58034
Ion Ratio	Lower	Upper	
43	100		
58	28.3	22.8	34.2





#17

Carbon Disulfide

Concen: 21.44 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

Tot Ion: 76 Resp: 170240

Ion Ratio Lower Upper

76 100

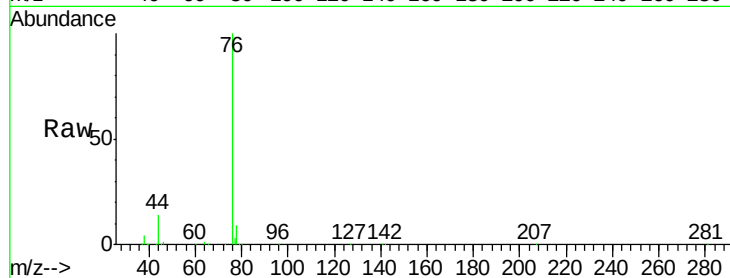
78 9.4 7.4 11.0

Manual Integrations

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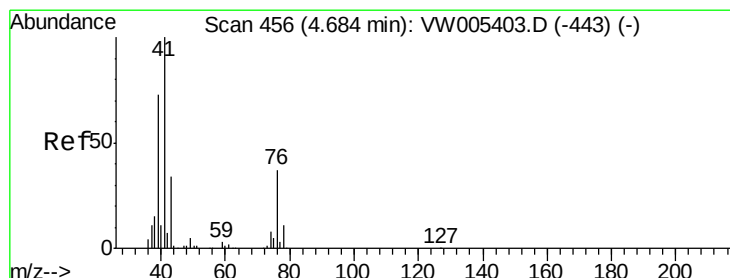
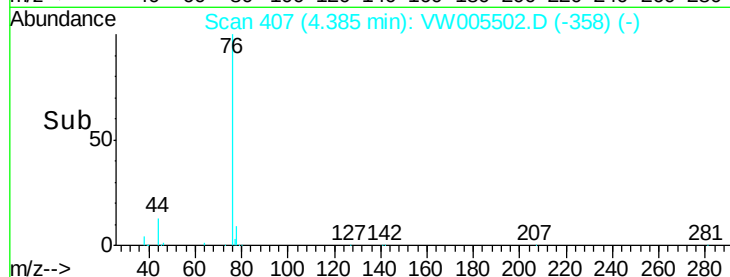
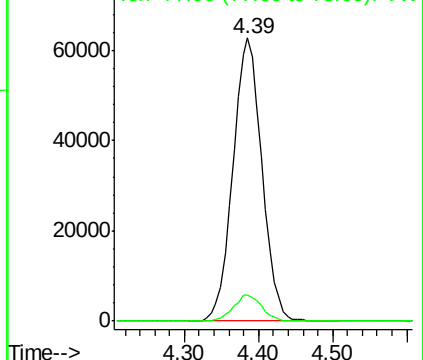
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 24.31 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW005502.D

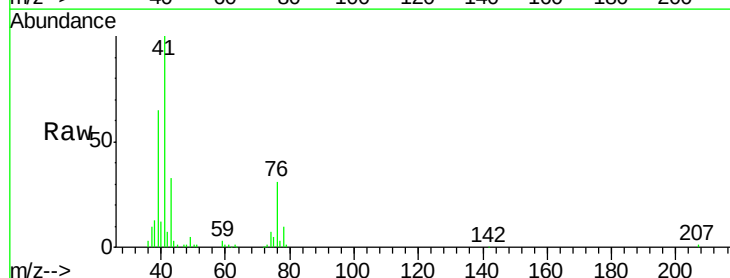
Acq: 19 Sep 2018 03:14

Tgt Ion: 43 Resp: 35319

Ion Ratio Lower Upper

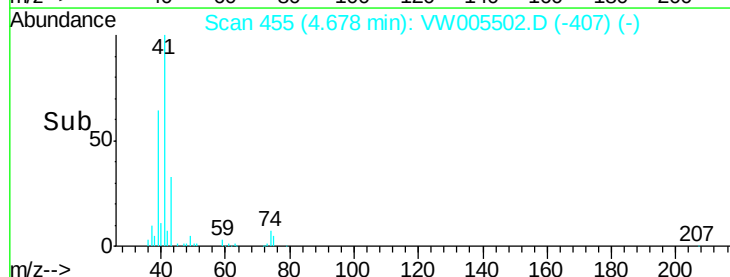
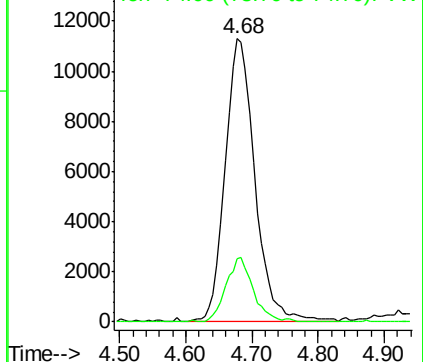
43 100

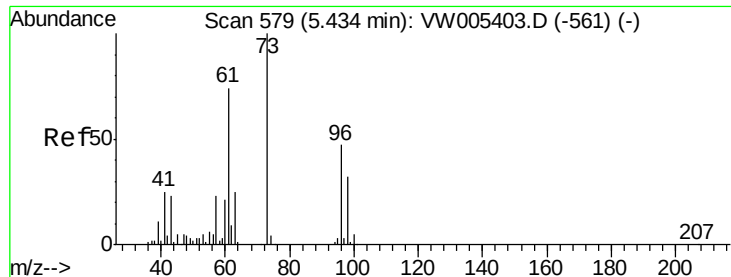
74 20.8 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





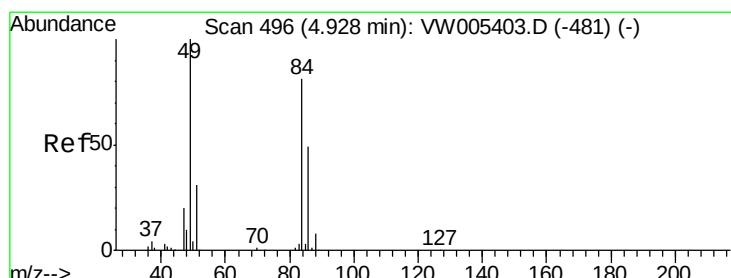
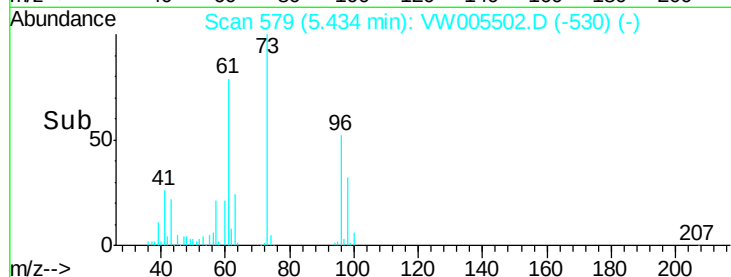
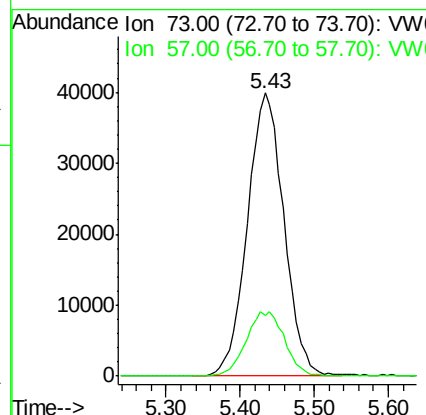
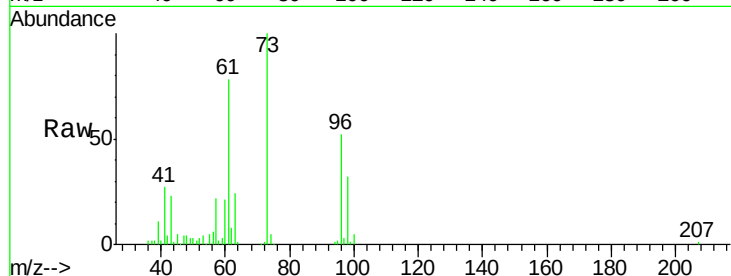
#19
Methyl tert-butyl Ether
Concen: 22.45 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tot Ion: 73 Resp: 137402
Ion Ratio Lower Upper
73 100
57 21.6 18.6 28.0

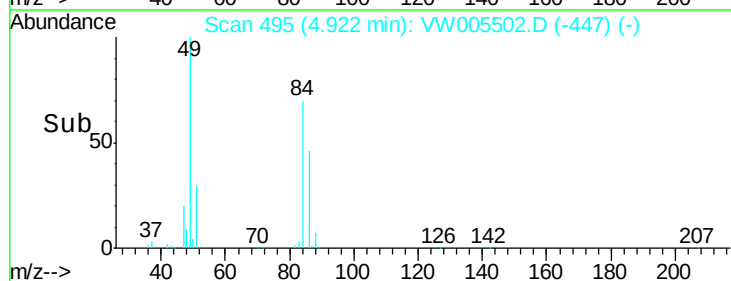
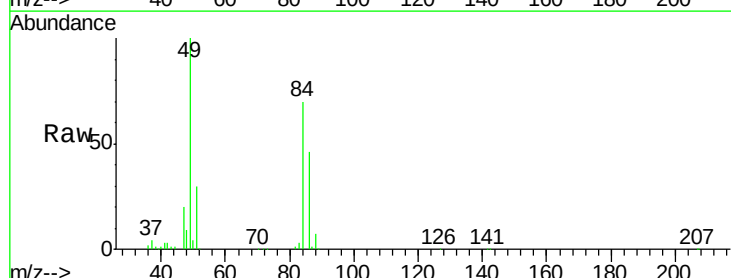
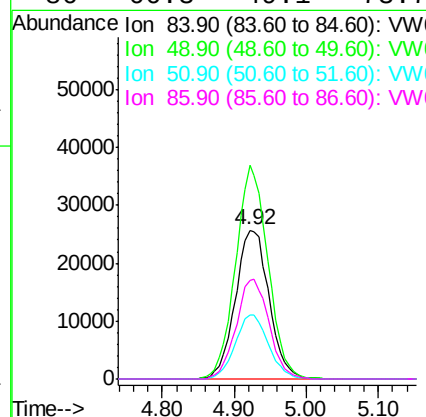
Manual Integrations
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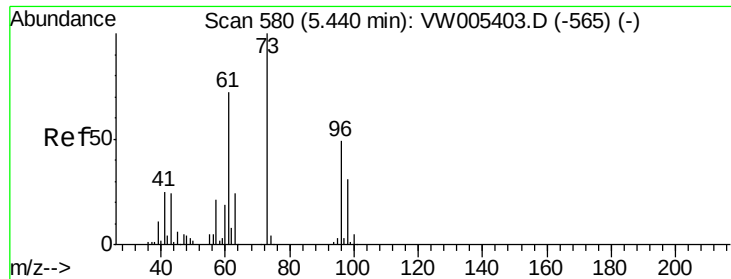
apatel
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#20
Methylene Chloride
Concen: 24.93 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.01 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

Tgt Ion: 84 Resp: 83429
Ion Ratio Lower Upper
84 100
49 143.8 99.3 148.9
51 42.7 31.1 46.7
86 66.3 49.1 73.7





#21

trans-1,2-Dichloroethene

Concen: 22.40 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.01 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

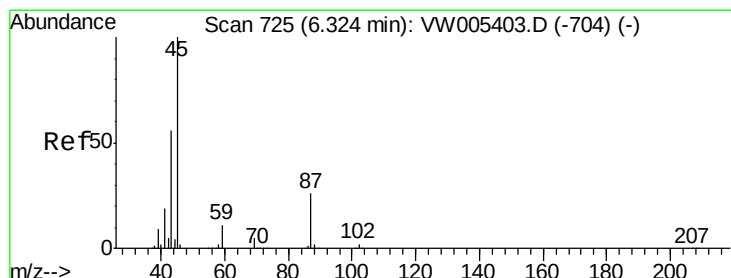
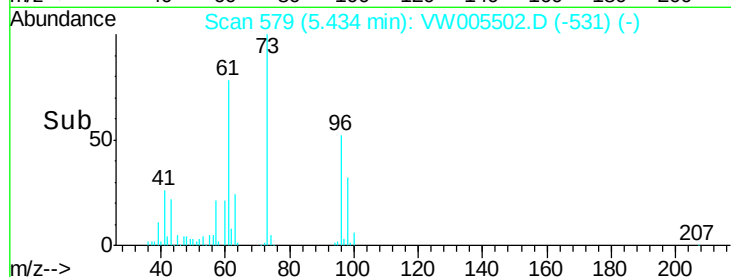
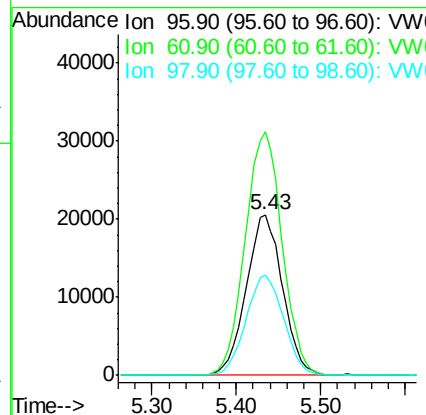
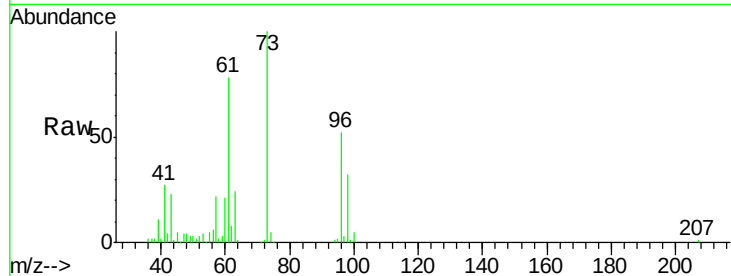
ClientSampleId :

VW0918SBS02

Tot Ion:	96	Resp:	60289
Ion	Ratio	Lower	Upper
96	100		
61	151.4	116.7	175.1
98	62.0	51.0	76.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 25.72 ug/l

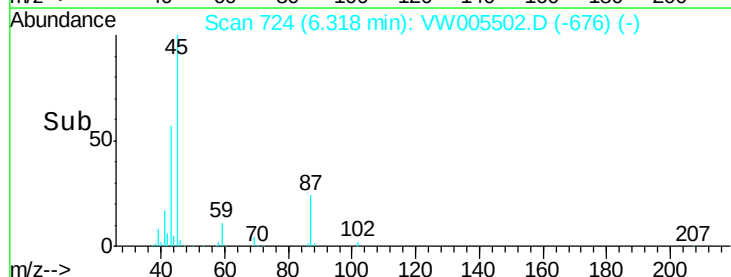
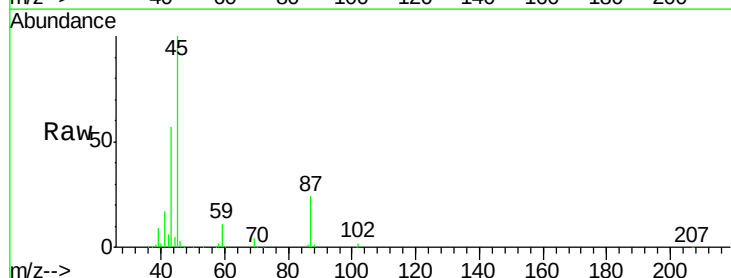
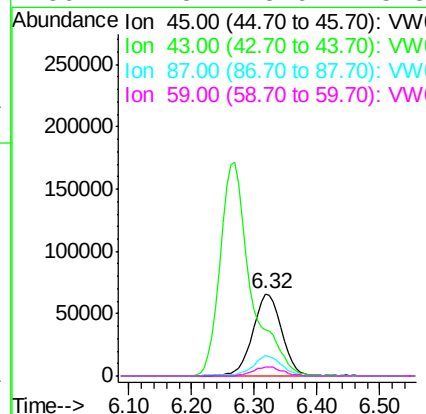
RT: 6.32 min Scan# 724

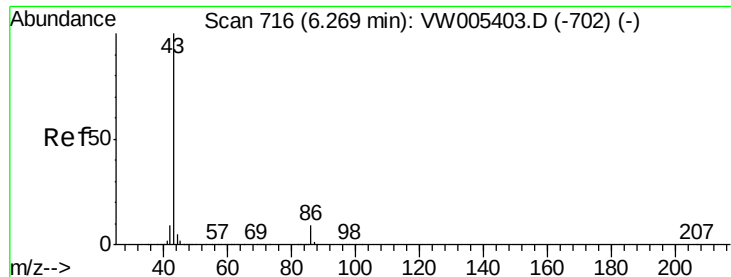
Delta R.T. -0.01 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Tgt Ion:	45	Resp:	212061
Ion	Ratio	Lower	Upper
45	100		
43	56.2	44.6	67.0
87	24.0	20.6	31.0
59	11.3	8.9	13.3





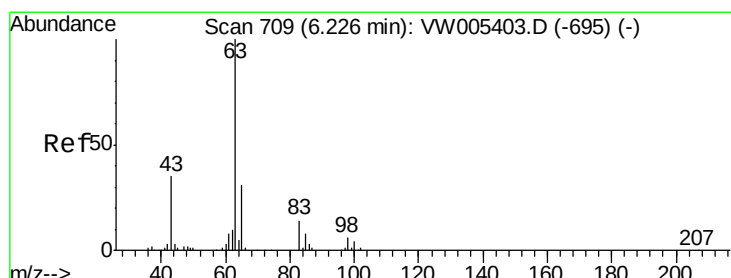
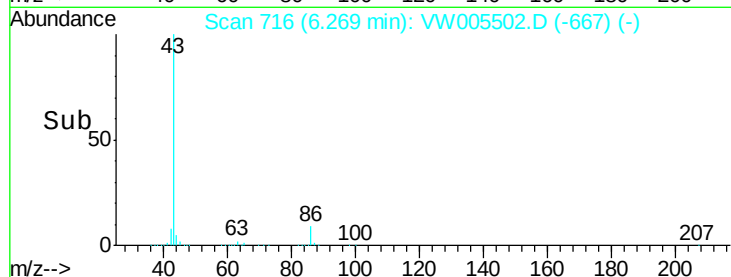
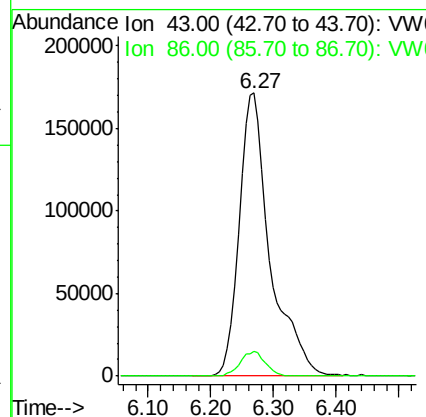
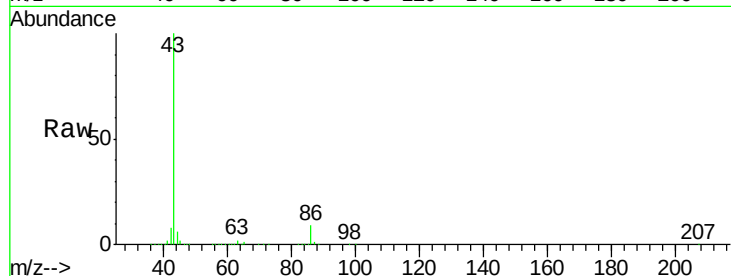
#23
 Vinyl Acetate
 Concen: 124.05 ug/l
 RT: 6.27 min Scan# 716
 Delta R.T. 0.00 min
 Lab File: VW005502.D
 Acq: 19 Sep 2018 03:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
86	8.9	7.5	11.3

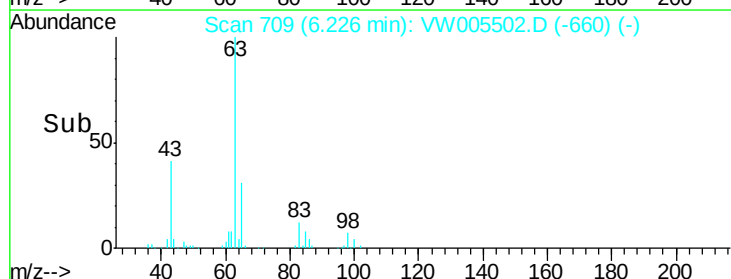
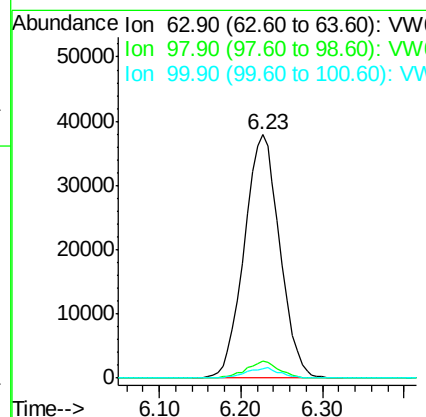
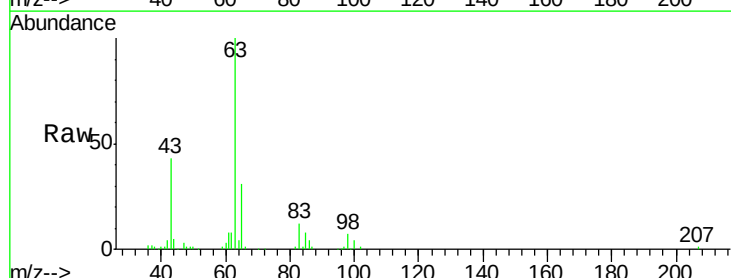
Manual Integrations
 APPROVED

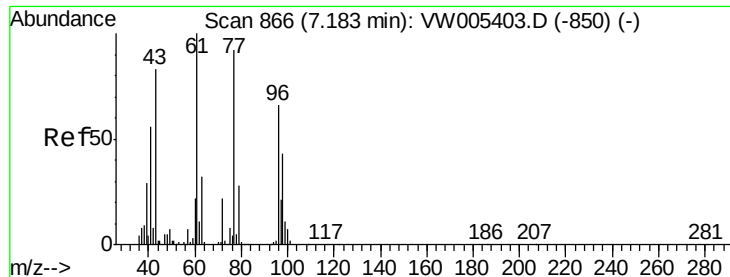
apatel
 9/19/2018 3:44:54 PM



#24
 1,1-Dichloroethane
 Concen: 22.89 ug/l
 RT: 6.23 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: VW005502.D
 Acq: 19 Sep 2018 03:14

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.8	2.9	8.8
100	3.9	2.3	6.8





#25

2-Butanone

Concen: 126.77 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

Tot Ion: 43 Resp: 92219

Ion Ratio Lower Upper

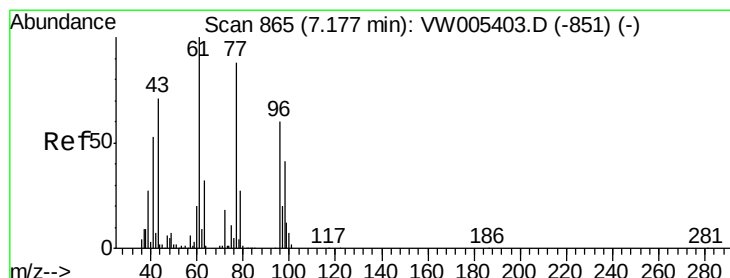
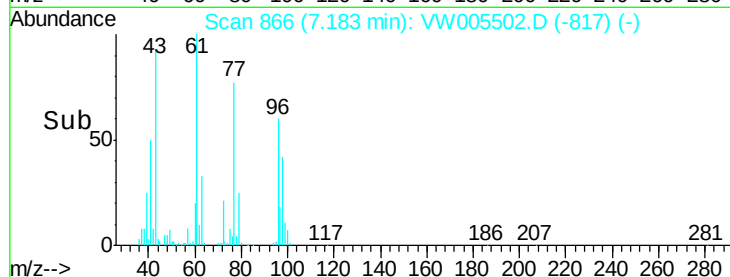
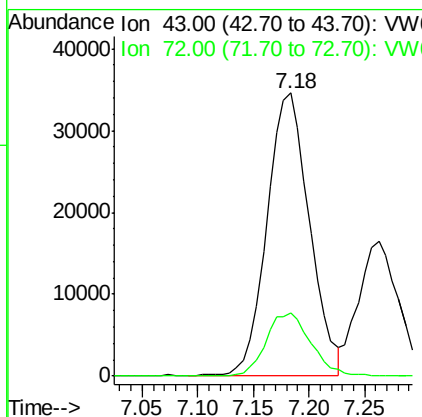
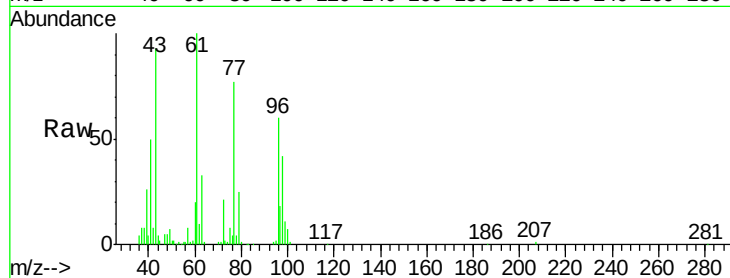
43 100

72 22.3 21.1 31.7

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 19.78 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW005502.D

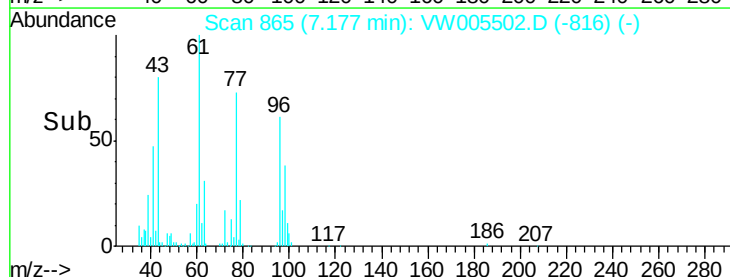
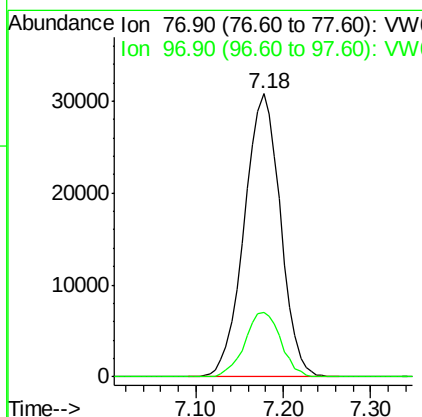
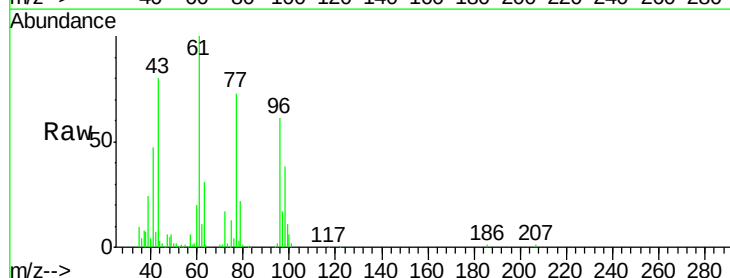
Acq: 19 Sep 2018 03:14

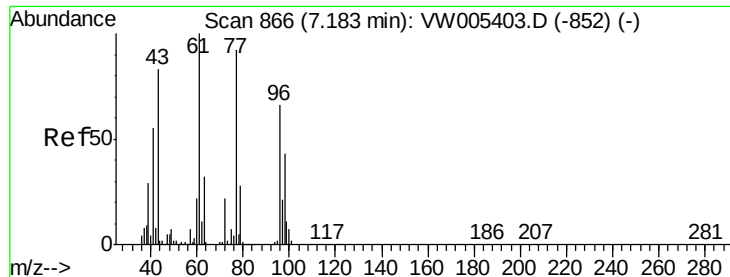
Tgt Ion: 77 Resp: 88789

Ion Ratio Lower Upper

77 100

97 22.6 10.7 32.1





#27

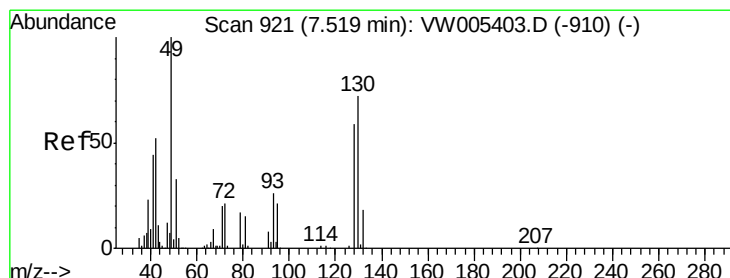
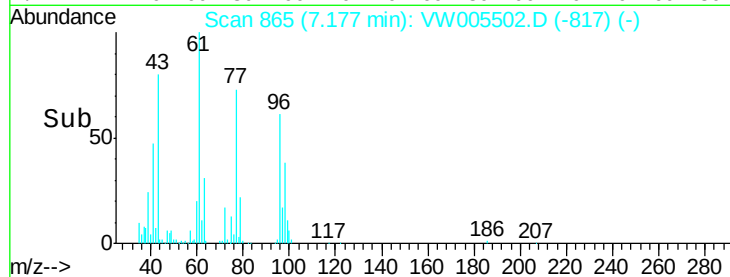
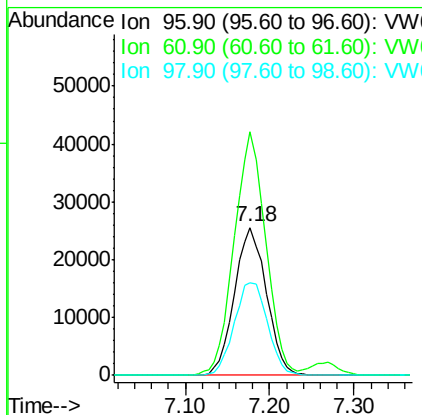
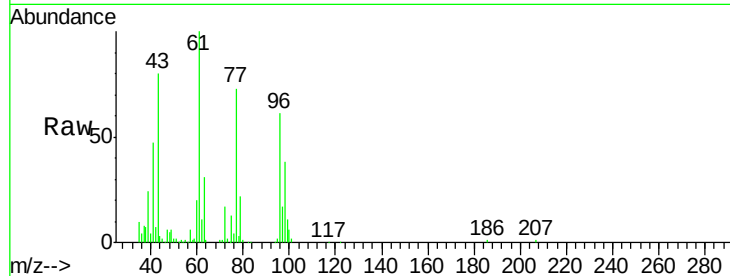
cis-1,2-Dichloroethene
 Concen: 22.40 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: VW005502.D
 Acq: 19 Sep 2018 03:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	162.5	0.0	316.0
98	65.1	0.0	130.8

Manual Integrations
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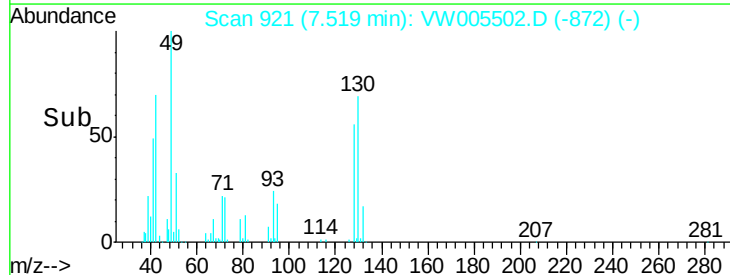
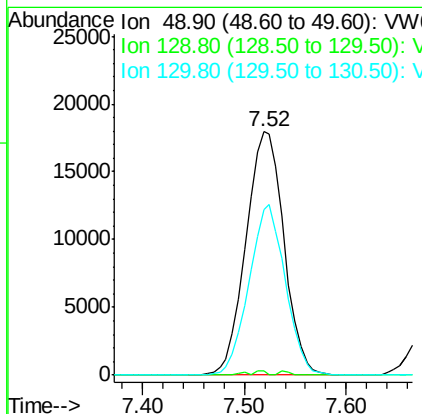
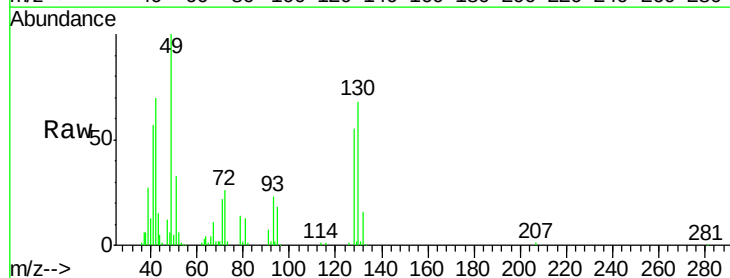
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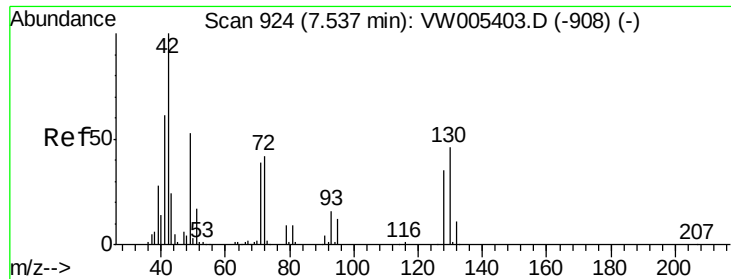


#28

Bromochloromethane
 Concen: 23.84 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VW005502.D
 Acq: 19 Sep 2018 03:14

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	1.0
130	67.0	61.4	92.2





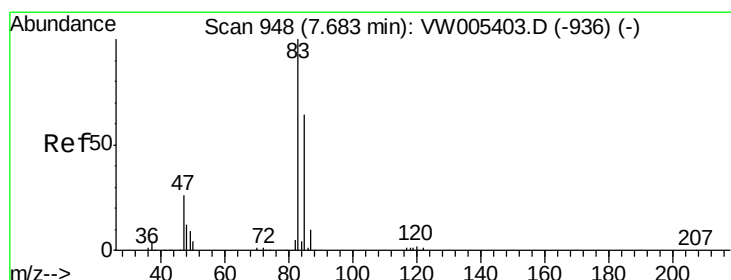
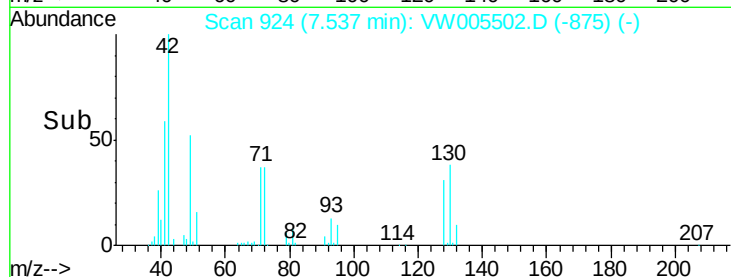
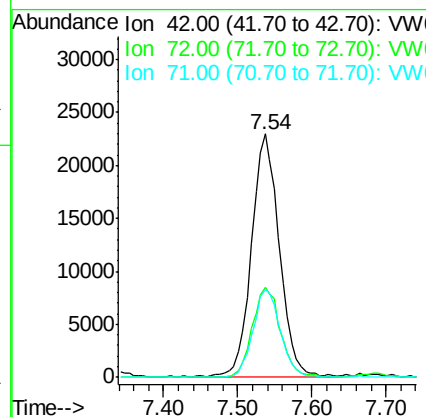
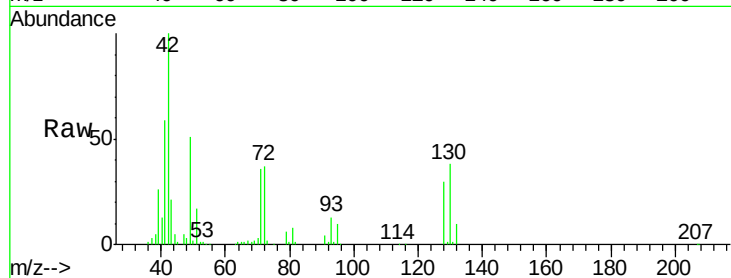
#29
Tetrahydrofuran
Concen: 131.19 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.0	33.2	49.8
71	35.4	31.0	46.6

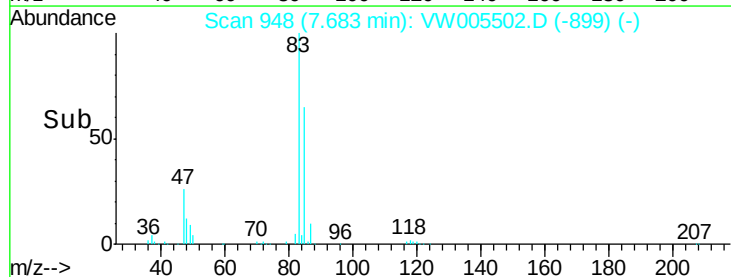
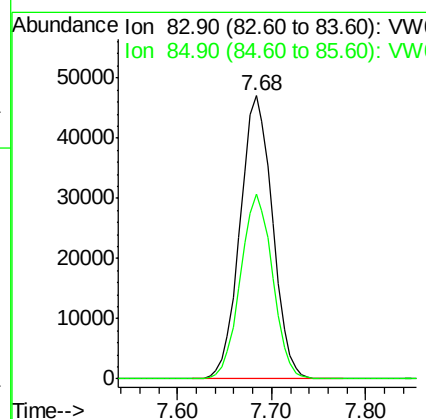
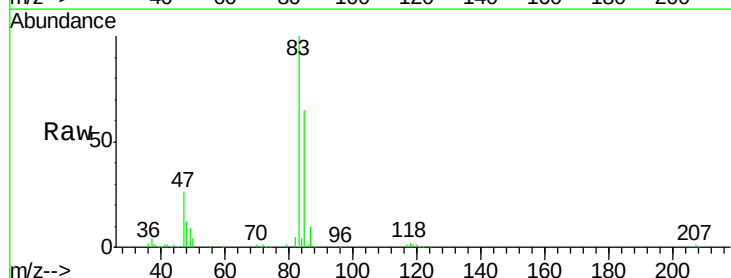
Manual Integrations
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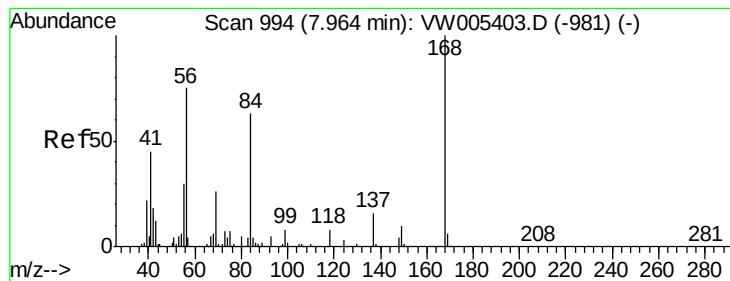
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#30
Chloroform
Concen: 21.89 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.00 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.5	77.3





#31

Cyclohexane

Concen: 23.66 ug/l

RT: 7.96 min Scan# 994

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

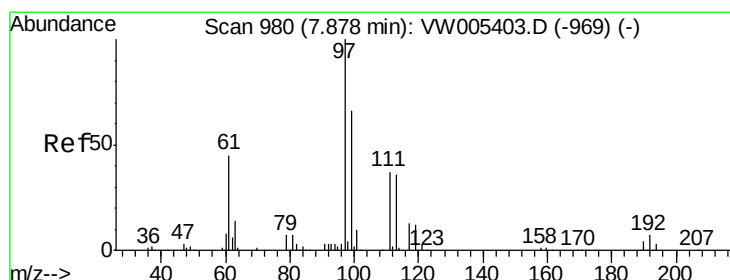
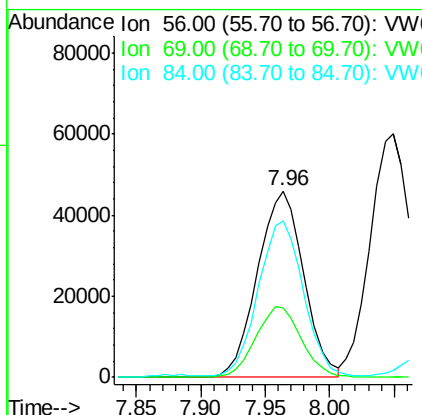
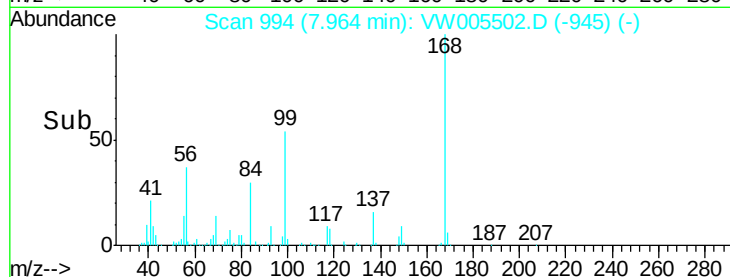
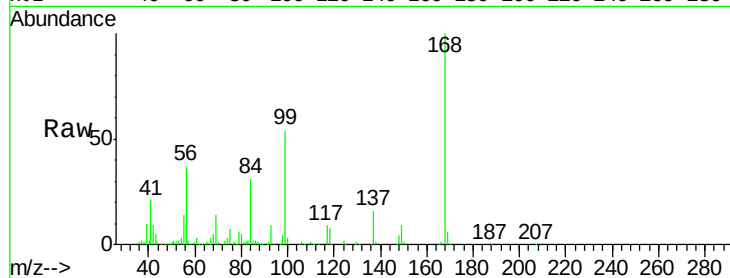
ClientSampleId :

VW0918SBS02

Tot Ion:	56	Resp:	114206
Ion	Ratio	Lower	Upper
56	100		
69	37.5	27.2	40.8
84	83.0	66.7	100.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.67 ug/l

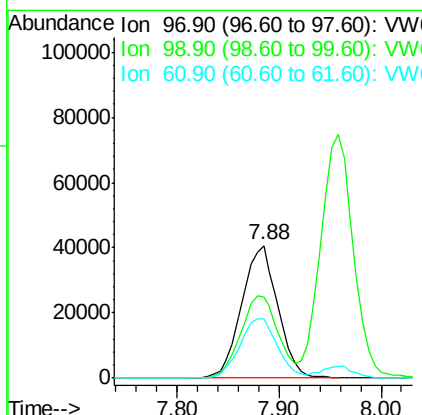
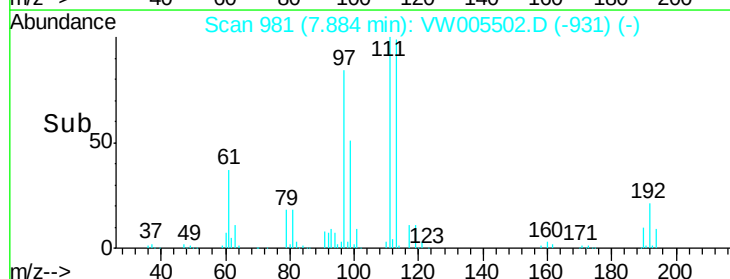
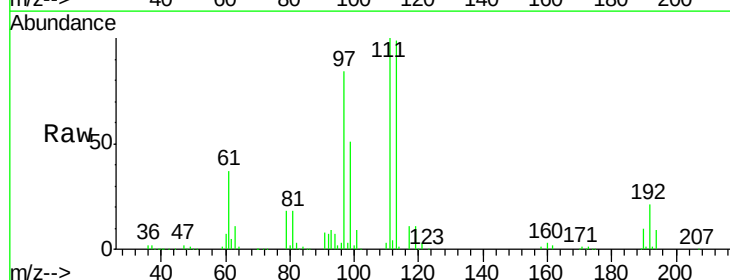
RT: 7.88 min Scan# 981

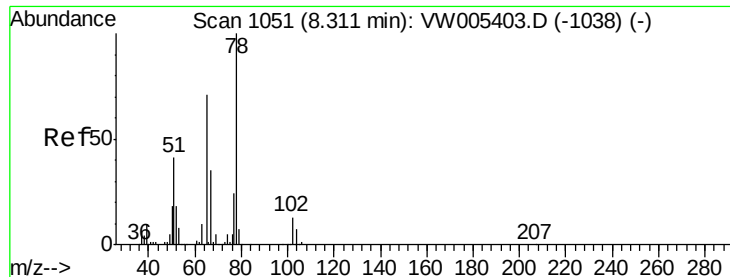
Delta R.T. 0.01 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Tgt Ion:	97	Resp:	99602
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.5	77.3
61	46.9	35.8	53.6





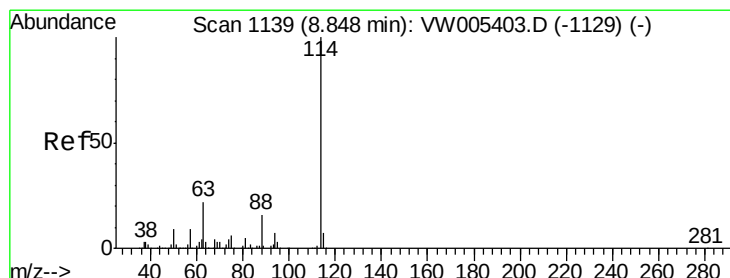
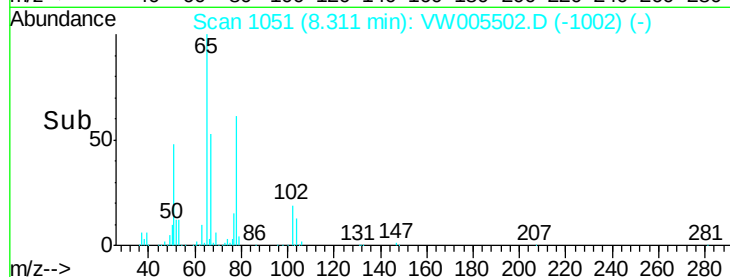
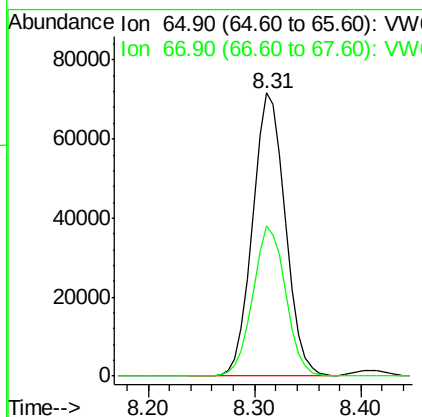
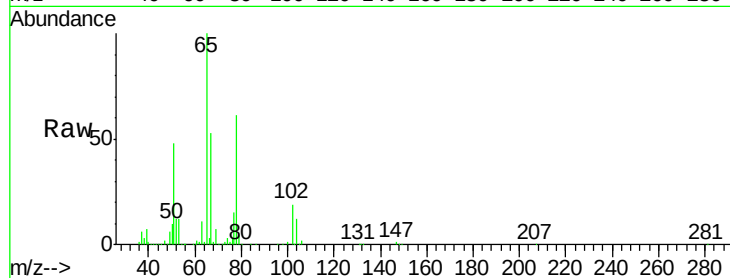
#33
 1,2-Dichloroethane-d4
 Concen: 51.14 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005502.D
 Acq: 19 Sep 2018 03:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.1	0.0	100.6	

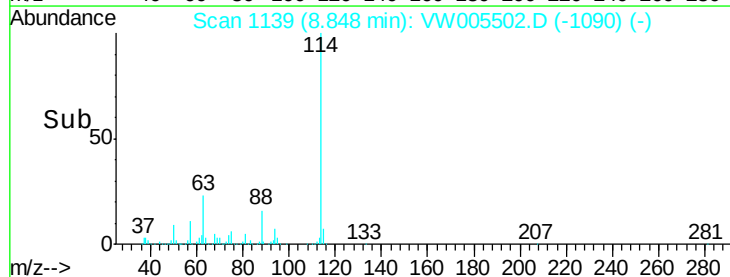
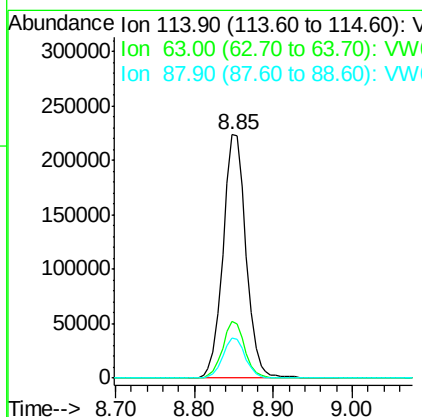
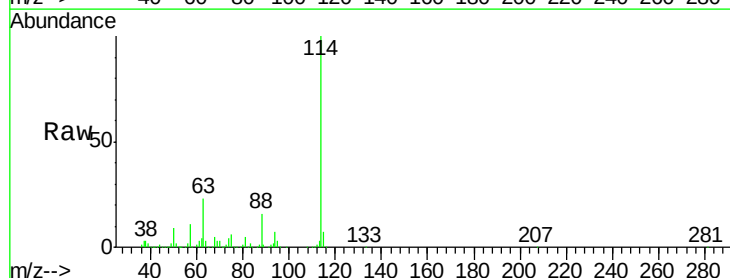
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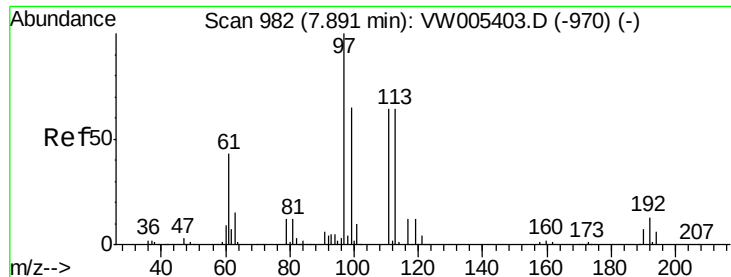
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005502.D
 Acq: 19 Sep 2018 03:14

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	23.4	0.0	43.4	
88	16.3	0.0	31.8	





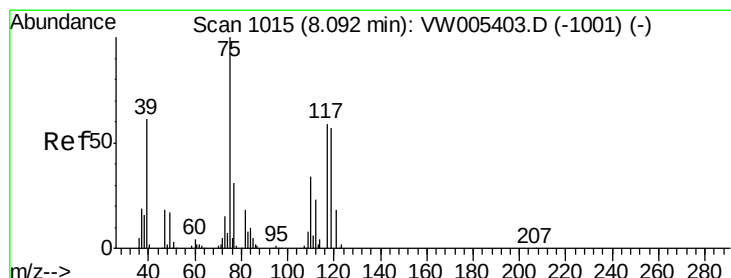
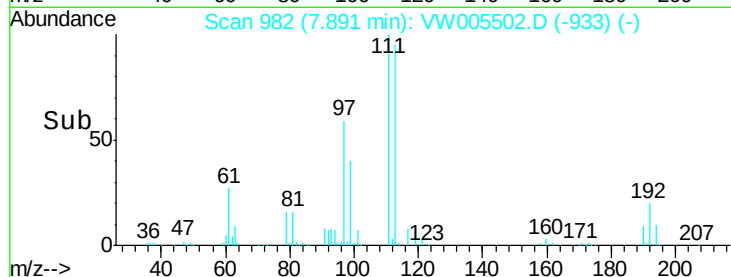
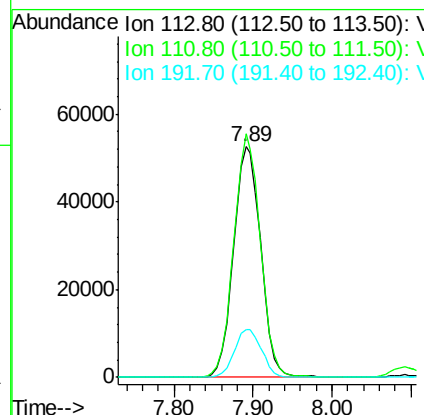
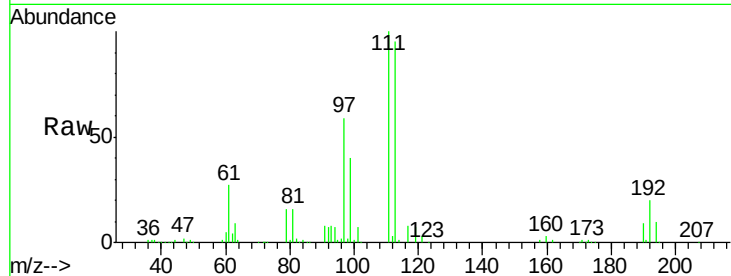
#35
 Dibromofluoromethane
 Concen: 49.34 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005502.D
 Acq: 19 Sep 2018 03:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	125736		
111	103.3	82.3	123.5	
192	20.7	16.5	24.7	

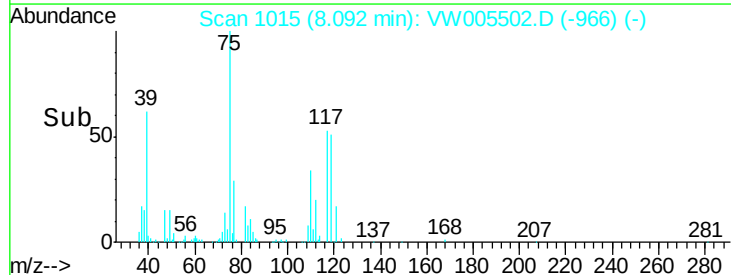
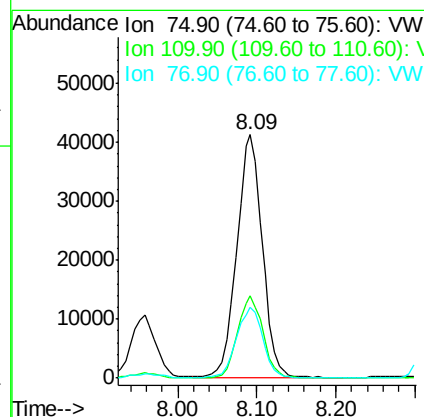
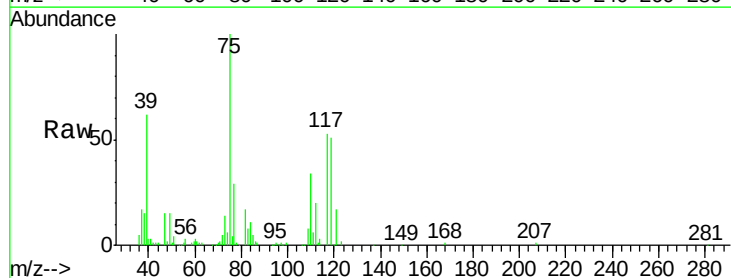
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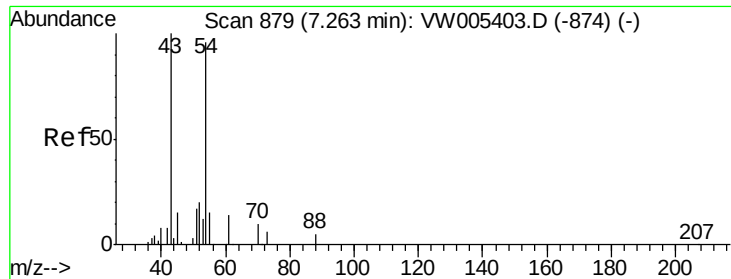
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#36
 1,1-Dichloropropene
 Concen: 21.72 ug/l
 RT: 8.09 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VW005502.D
 Acq: 19 Sep 2018 03:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	93449		
110	33.1	16.8	50.4	
77	30.1	24.2	36.4	





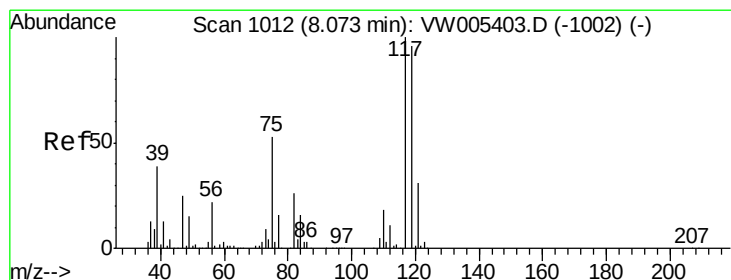
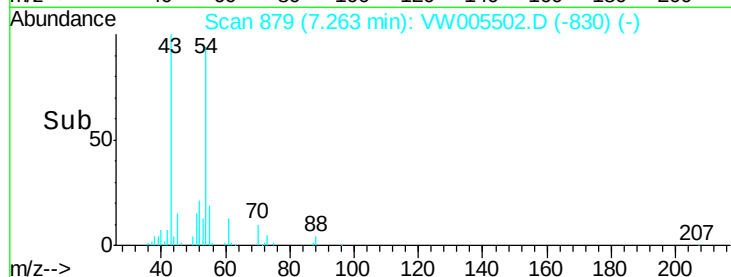
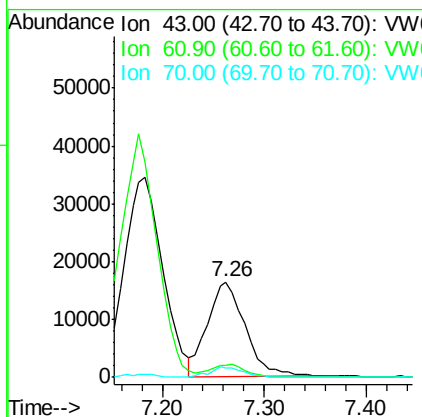
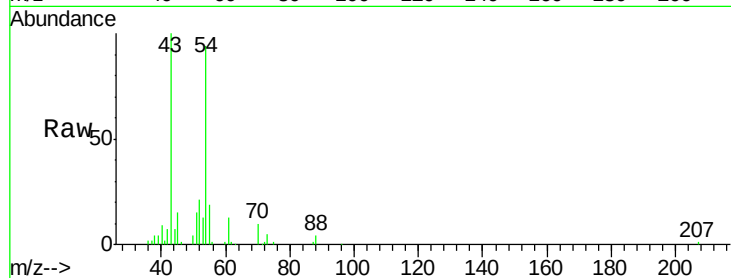
#37
Ethyl Acetate
Concen: 24.32 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	11.3	16.9
70	9.6	8.2	12.4

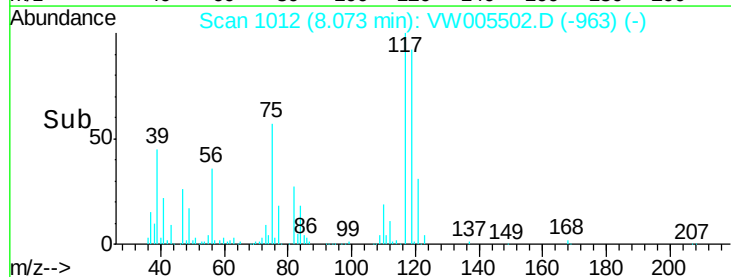
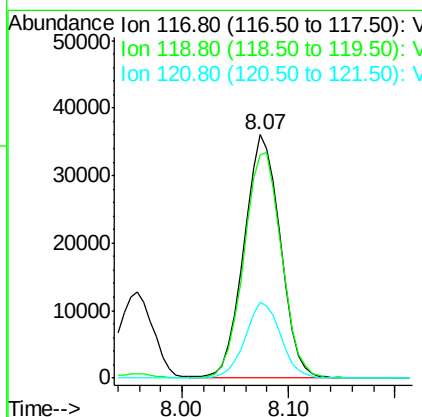
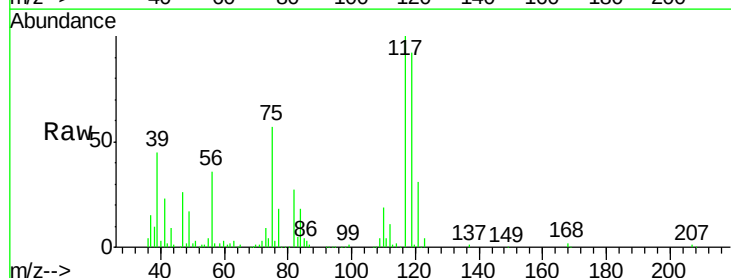
Manual Integrations
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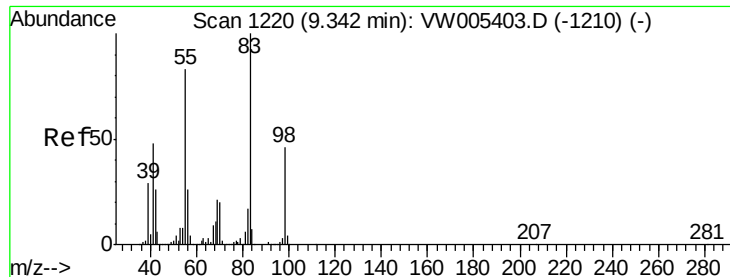
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#38
Carbon Tetrachloride
Concen: 19.17 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.1	76.8	115.2
121	31.4	24.7	37.1





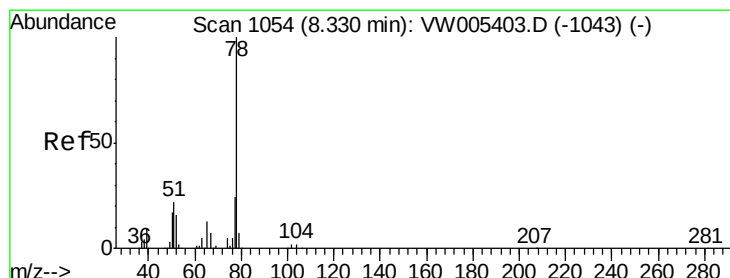
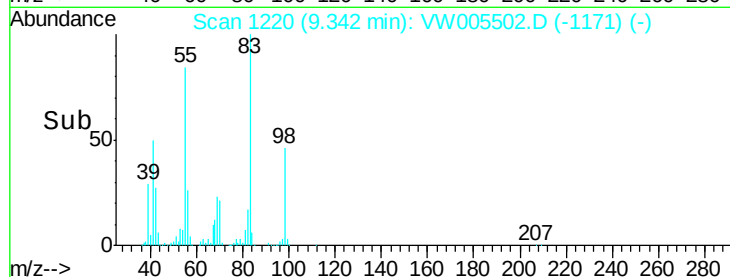
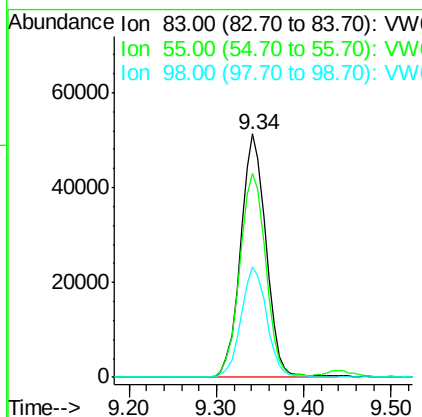
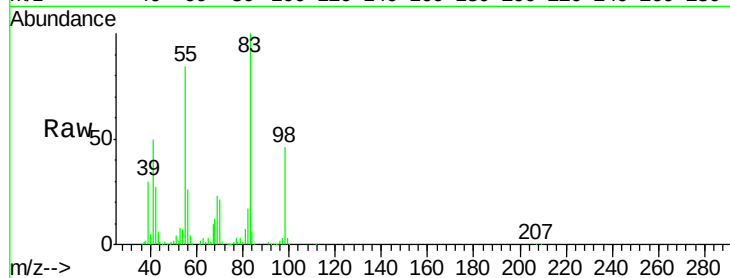
#39
Methylvlcyclohexane
Concen: 20.76 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	83.7	66.1	99.1	
98	45.6	36.7	55.1	

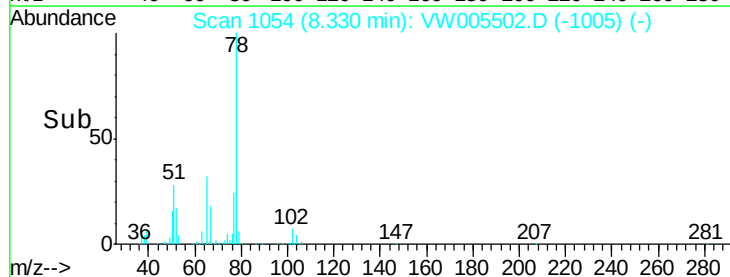
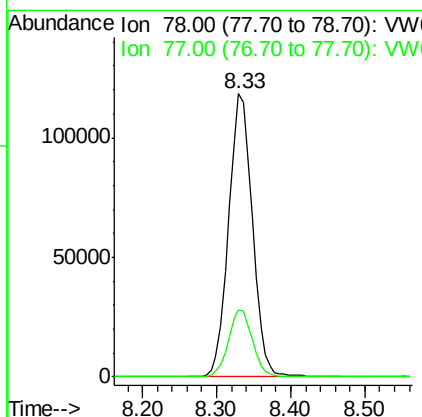
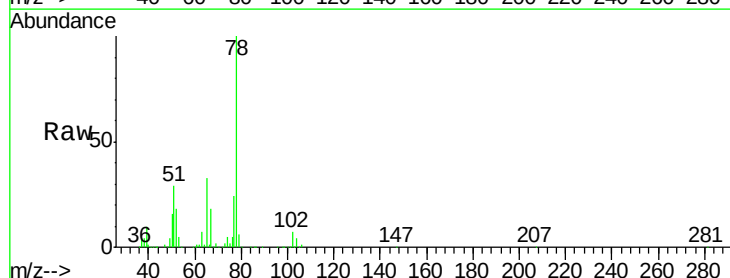
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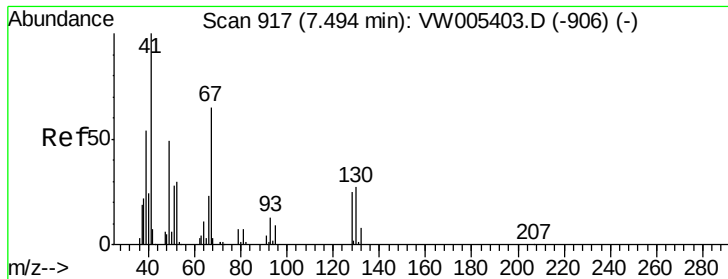
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#40
Benzene
Concen: 21.31 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.8	19.3	28.9	





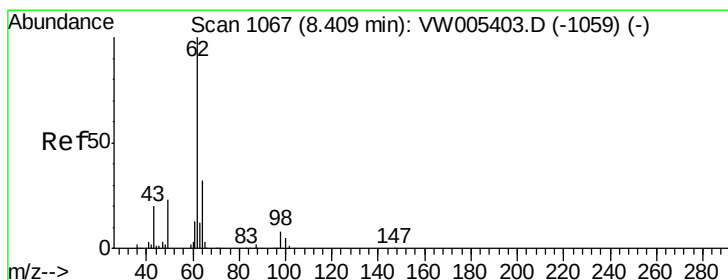
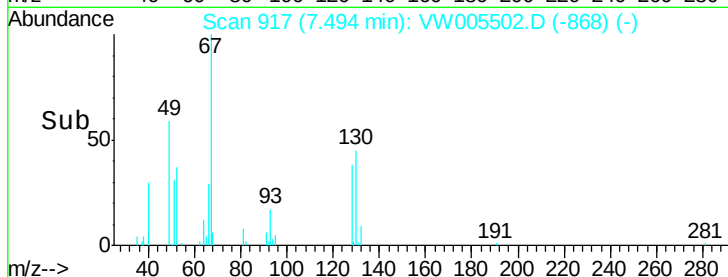
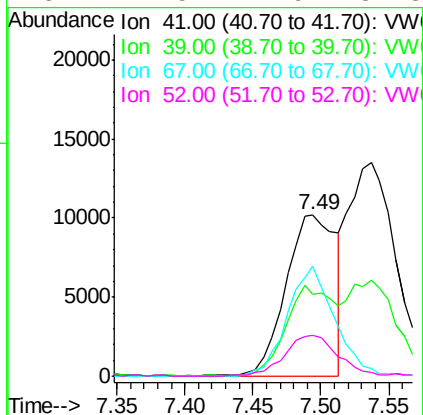
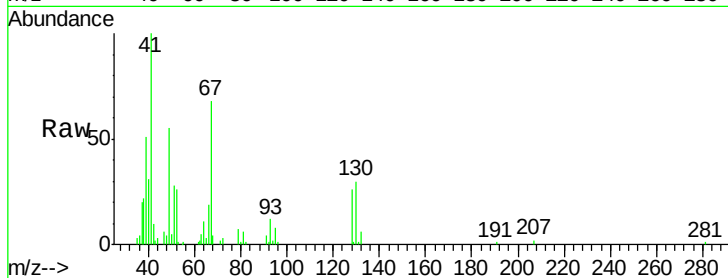
#41
Methacrylonitrile
Concen: 24.92 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.00 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		26305		
39	53.7		44.6	67.0	
67	64.4		53.6	80.4	
52	27.5		24.9	37.3	

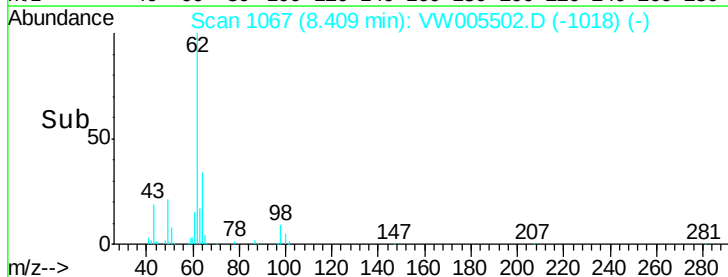
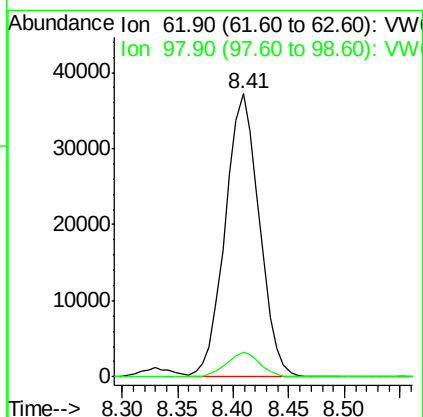
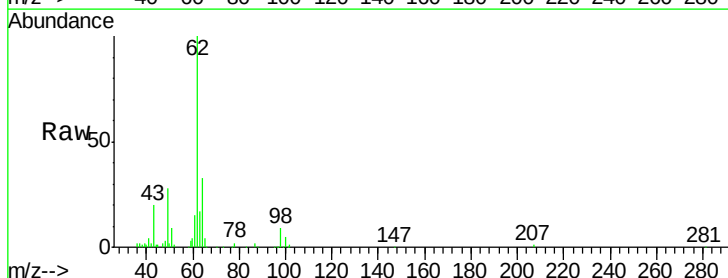
Manual Integrations
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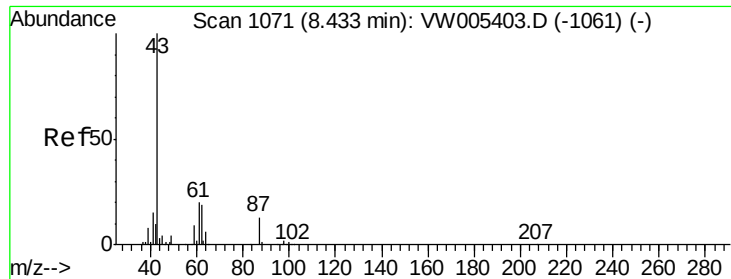
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#42
1,2-Dichloroethane
Concen: 20.23 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		78916		
98	8.7		0.0	15.6	





#43

Isopropyl Acetate

Concen: 22.97 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

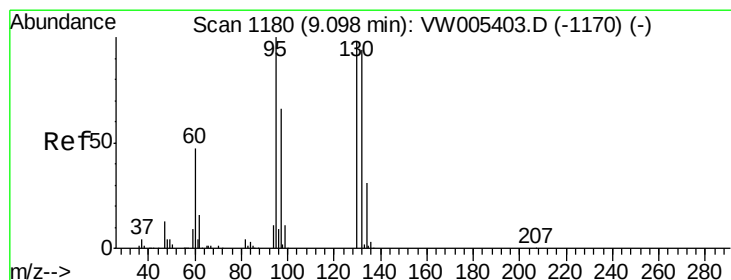
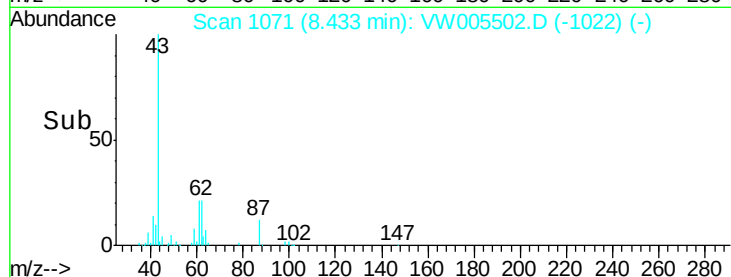
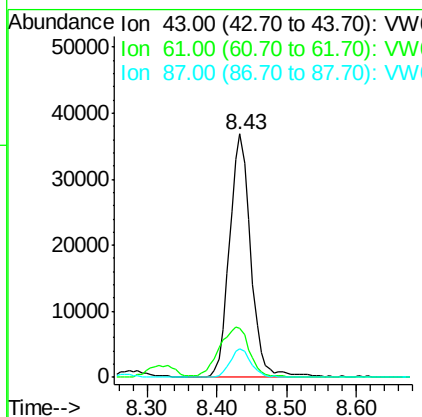
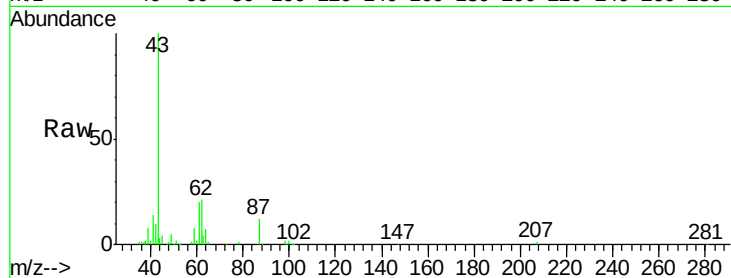
ClientSampleId :

VW0918SBS02

Tot Ion:	43	Resp:	78421
Ion	Ratio	Lower	Upper
43	100		
61	29.2	23.8	35.6
87	11.6	10.1	15.1

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#44

Trichloroethene

Concen: 20.47 ug/l

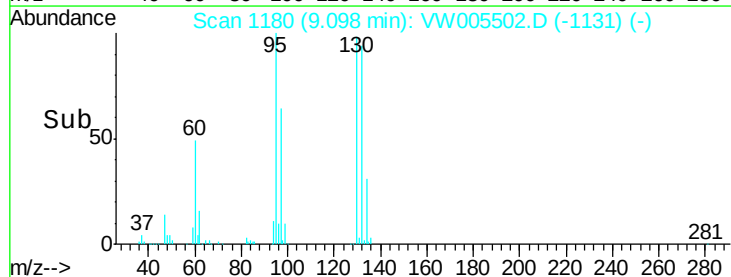
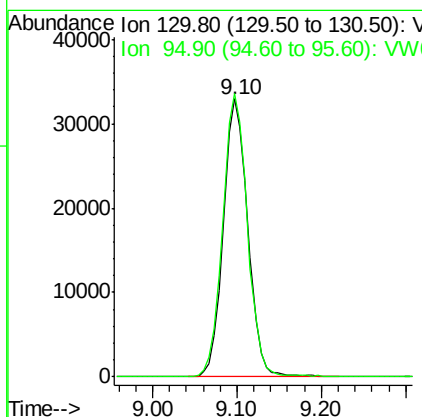
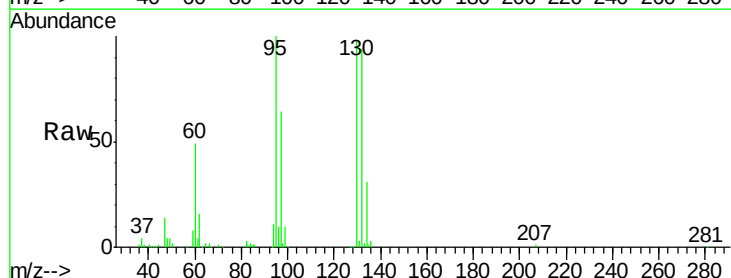
RT: 9.10 min Scan# 1180

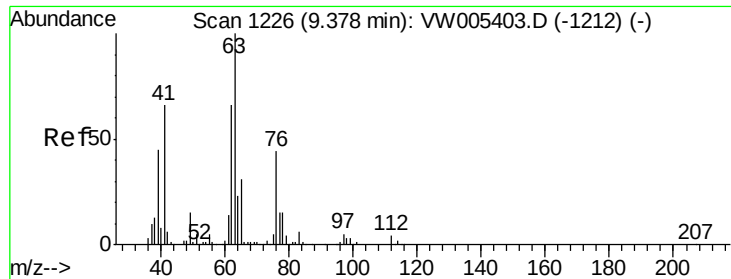
Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Tgt Ion:	130	Resp:	65653
Ion	Ratio	Lower	Upper
130	100		
95	101.9	0.0	204.6





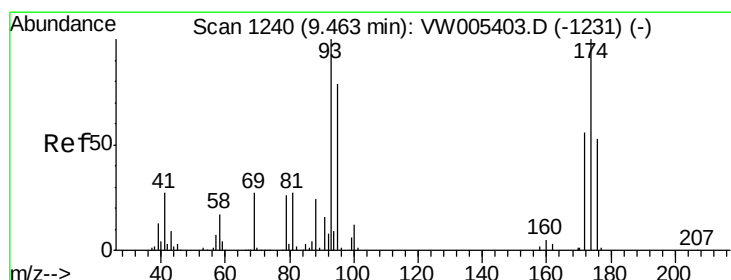
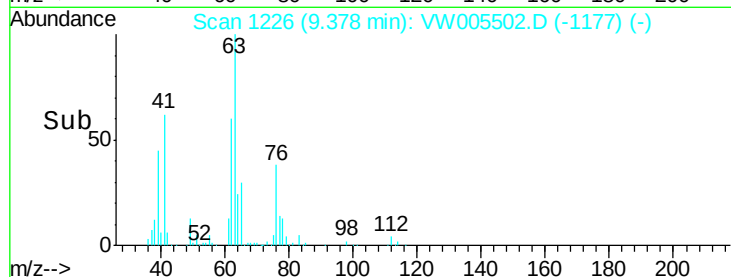
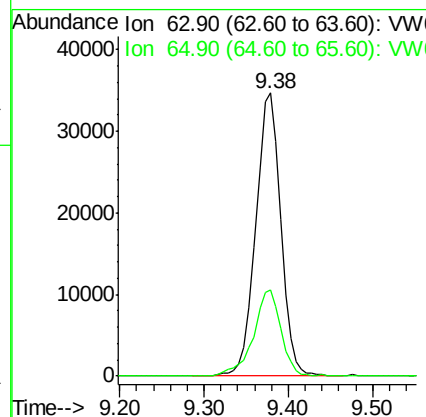
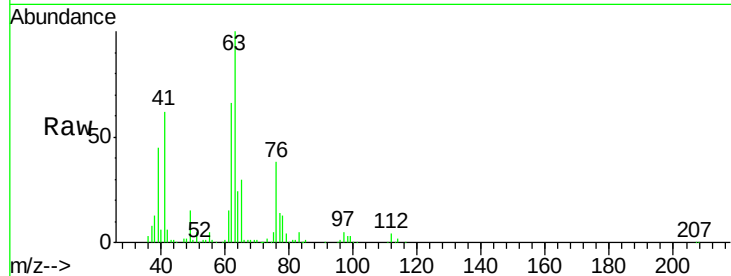
#45
 1,2-Dichloropropane
 Concen: 23.54 ug/l
 RT: 9.38 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: VW005502.D
 Acq: 19 Sep 2018 03:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	25.0	37.6

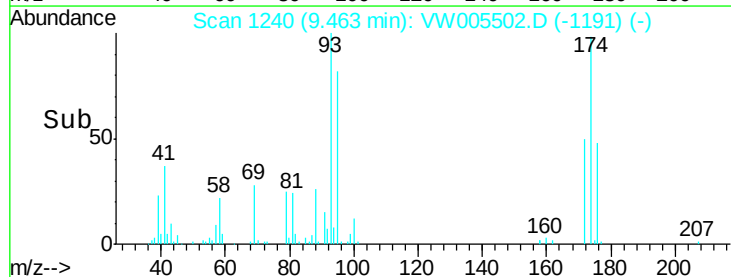
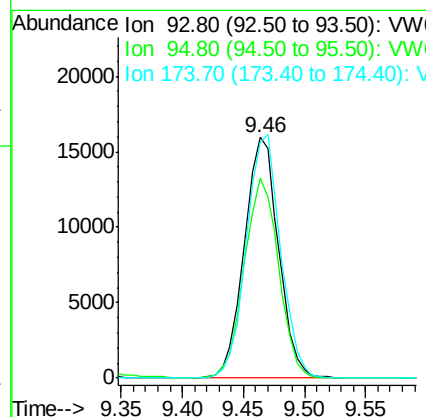
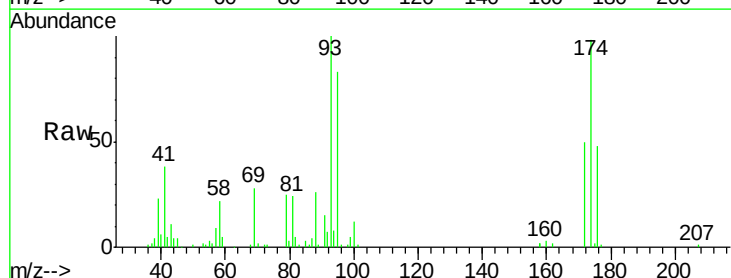
Manual Integrations
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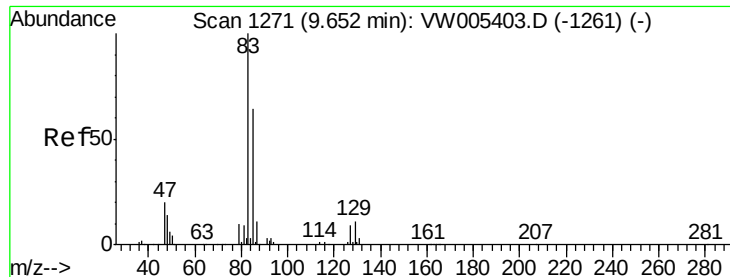
apatel
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#46
 Dibromomethane
 Concen: 21.22 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW005502.D
 Acq: 19 Sep 2018 03:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.2	65.4	98.0
174	101.3	83.4	125.2





#47

Bromodichloromethane

Concen: 21.21 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

ClientSampleId :

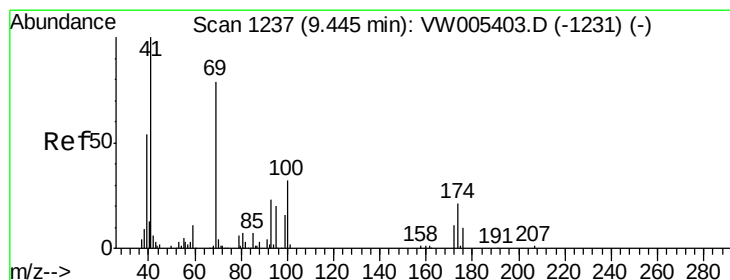
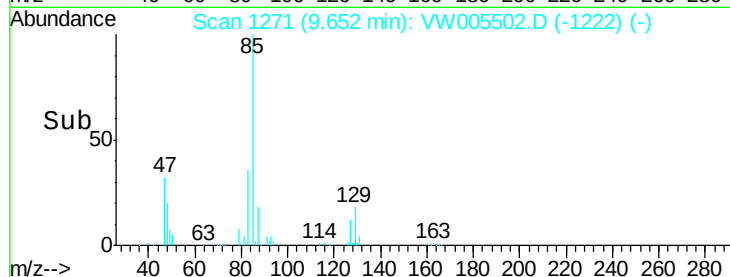
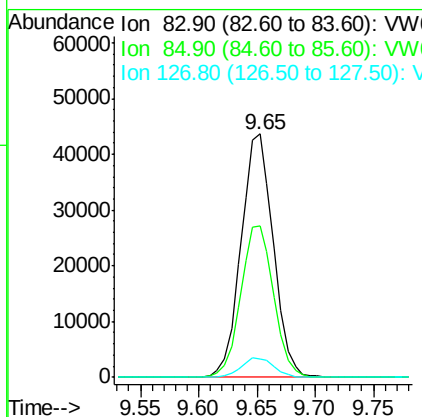
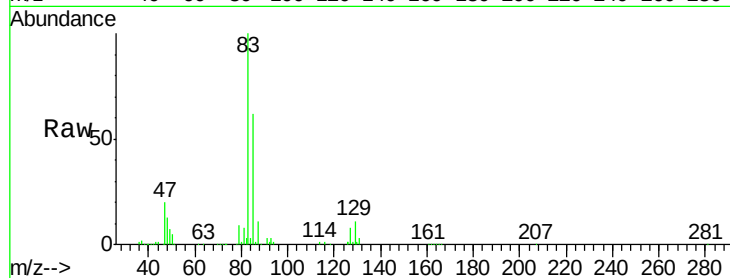
VW0918SBS02

Tot Ion:	83	Resp:	84152
Ion	Ratio	Lower	Upper
83	100		
85	62.2	50.9	76.3
127	7.7	7.0	10.4

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#48

Methyl methacrylate

Concen: 22.03 ug/l

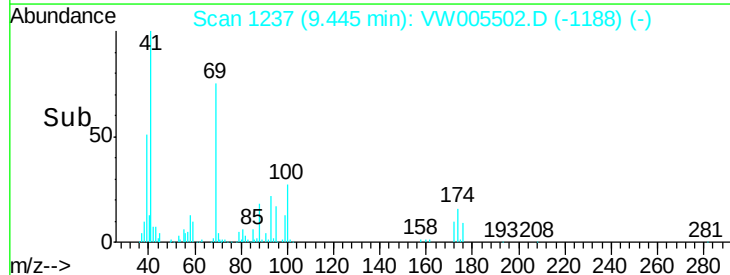
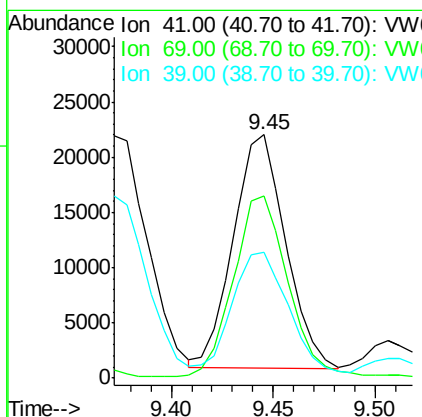
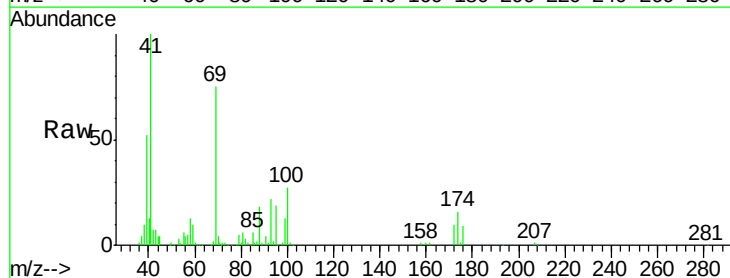
RT: 9.45 min Scan# 1237

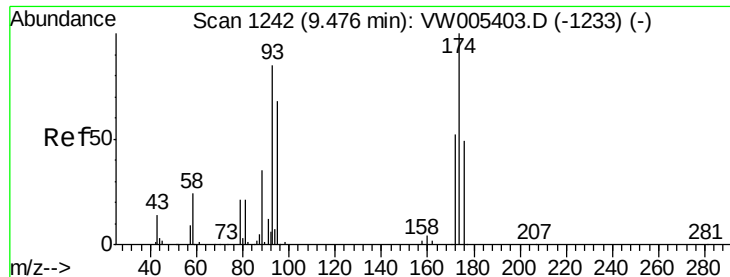
Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Tgt Ion:	41	Resp:	37532
Ion	Ratio	Lower	Upper
41	100		
69	83.8	67.5	101.3
39	60.5	45.5	68.3





#49

1,4-Dioxane

Concen: 449.43 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.02 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

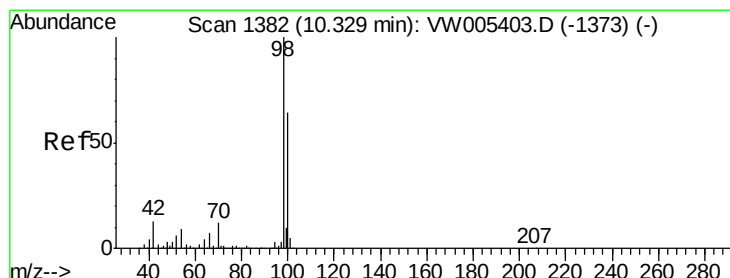
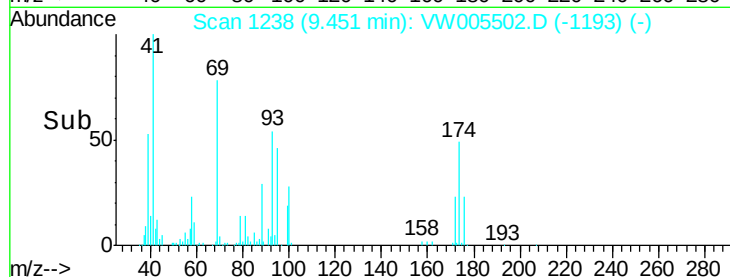
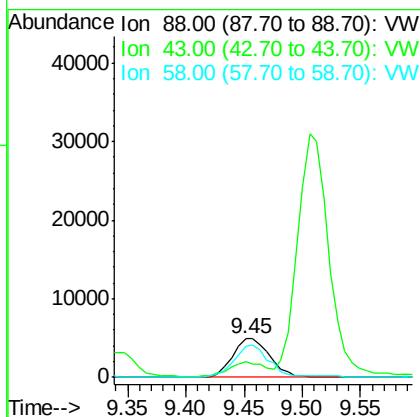
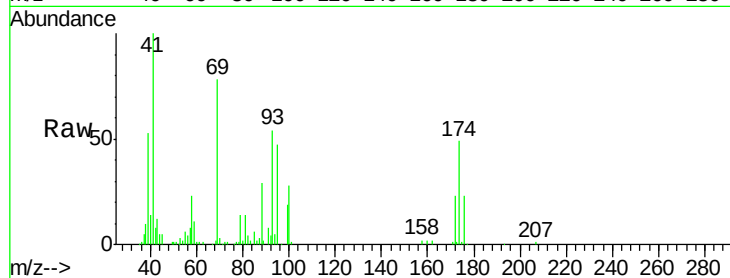
Tot Ion: 88 Resp: 10970

Ion	Ratio	Lower	Upper
88	100		
43	37.3	0.0	0.0#
58	78.1	62.4	93.6

Manual Integrations
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#50

Toluene-d8

Concen: 52.21 ug/l

RT: 10.33 min Scan# 1382

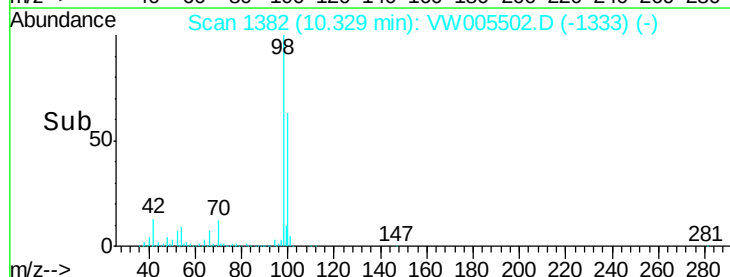
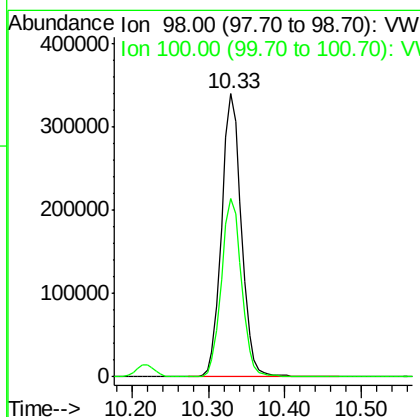
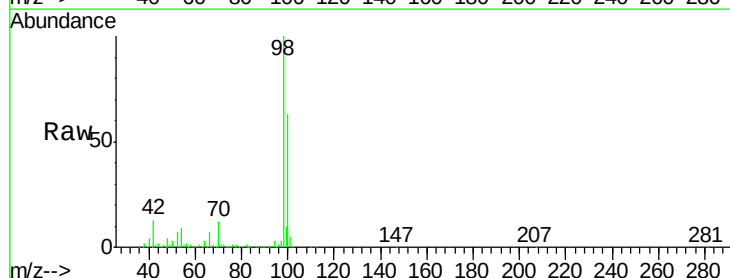
Delta R.T. 0.00 min

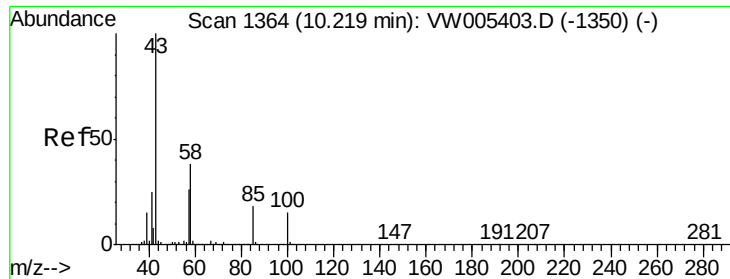
Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Tgt Ion: 98 Resp: 609325

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 115.16 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.01 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

Tot Ion: 43 Resp: 202386

Ion Ratio Lower Upper

43 100

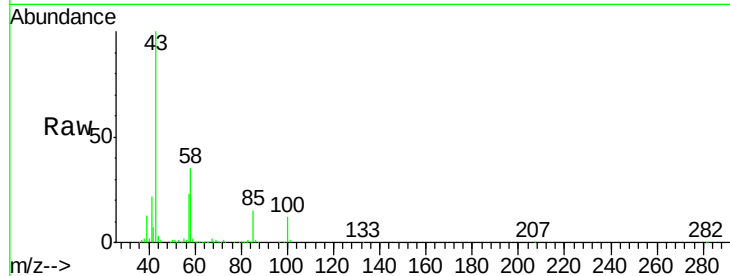
58 36.0 29.9 44.9

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

120000

100000

80000

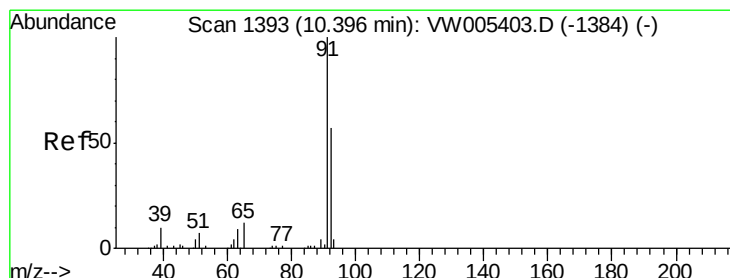
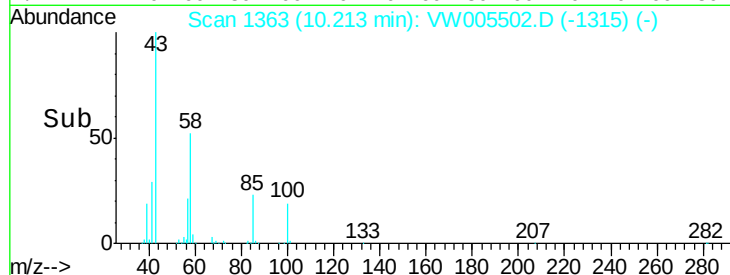
60000

40000

20000

0

Time--> 10.10 10.20 10.30



#52

Toluene

Concen: 21.52 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW005502.D

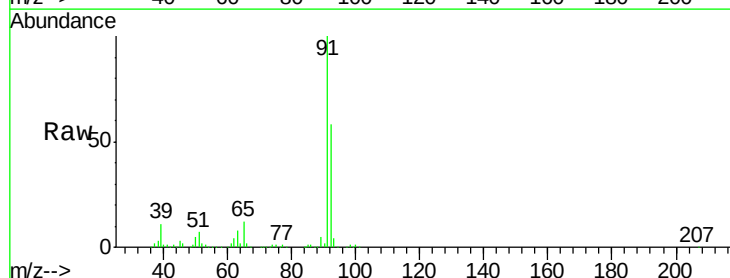
Acq: 19 Sep 2018 03:14

Tgt Ion: 92 Resp: 181616

Ion Ratio Lower Upper

92 100

91 173.9 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

200000

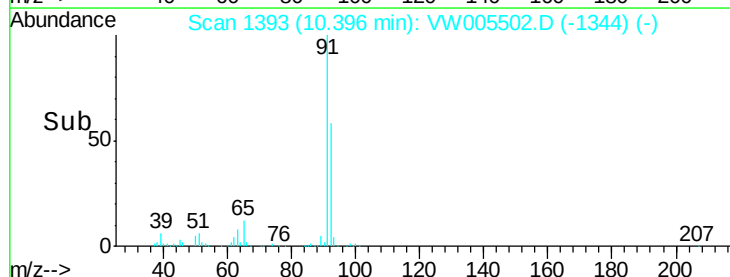
150000

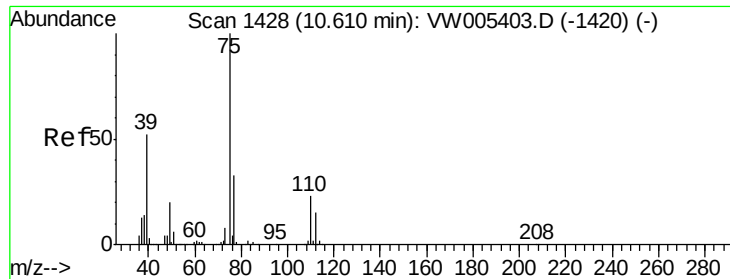
100000

50000

0

Time--> 10.30 10.40 10.50





#53

t-1,3-Dichloropropene

Concen: 20.13 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

ClientSampled :

VW0918SBS02

Tot Ion: 75 Resp: 79939

Ion Ratio Lower Upper

75 100

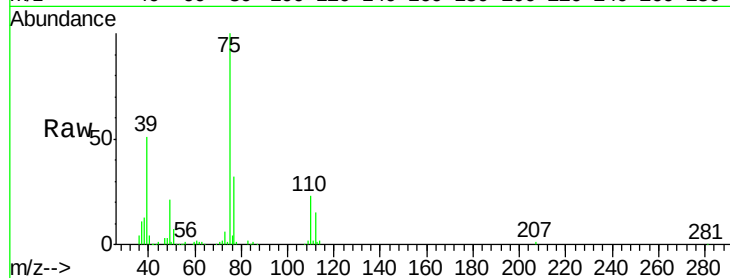
77 31.9 26.5 39.7

Manual Integrations

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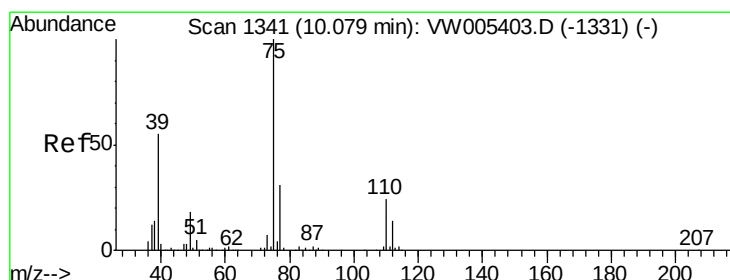
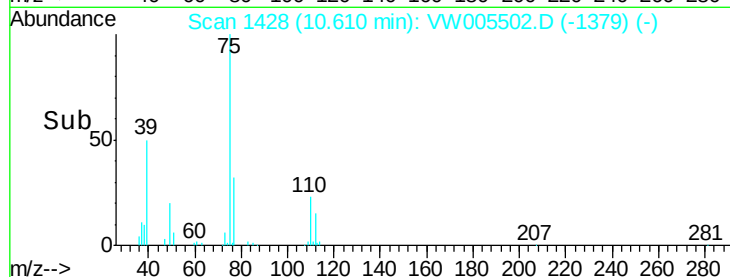
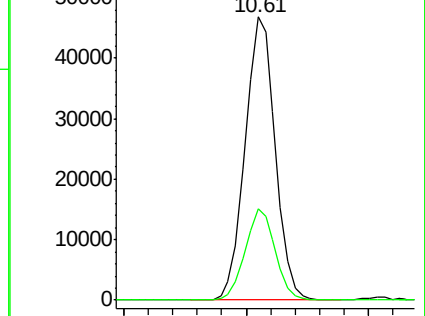
apatel

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Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 21.53 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

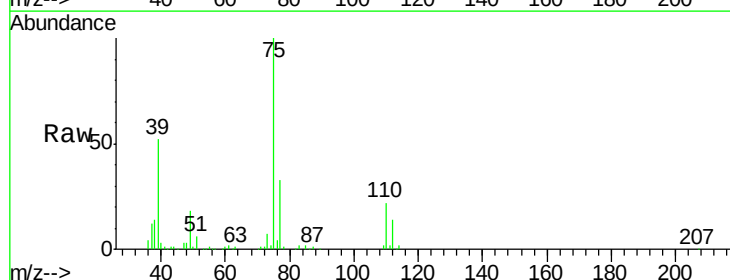
Tgt Ion: 75 Resp: 96793

Ion Ratio Lower Upper

75 100

77 33.3 25.0 37.4

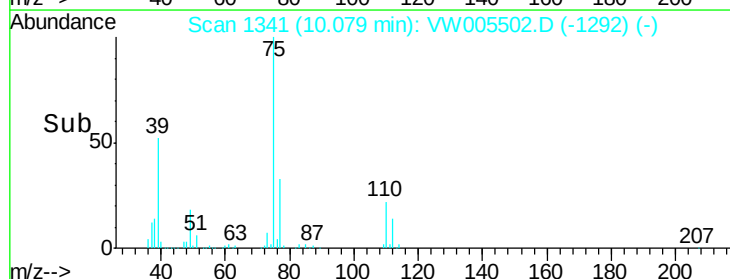
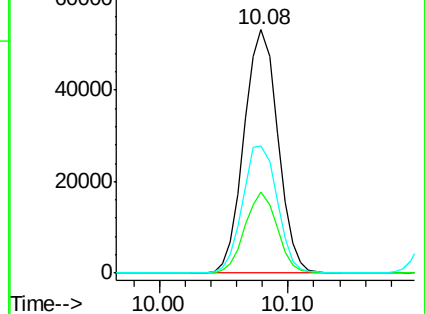
39 52.2 44.2 66.2

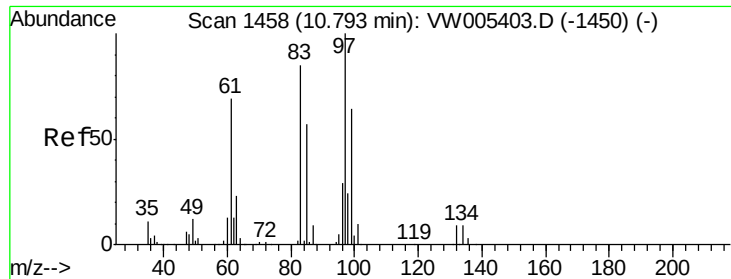


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW





#55

1,1,2-Trichloroethane

Concen: 21.06 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

ClientSampleId :

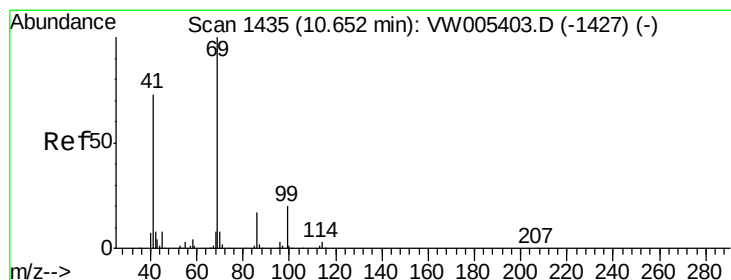
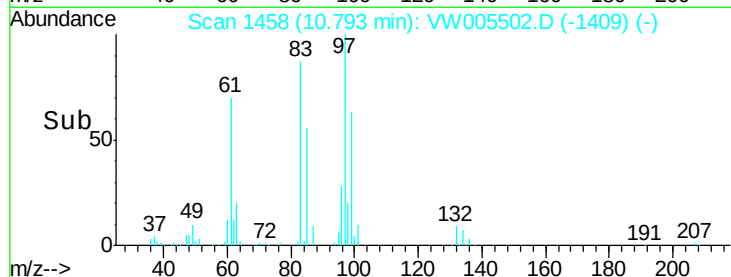
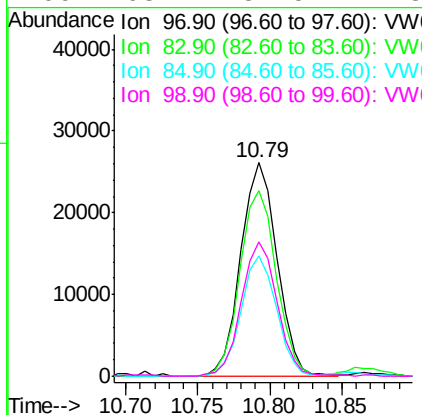
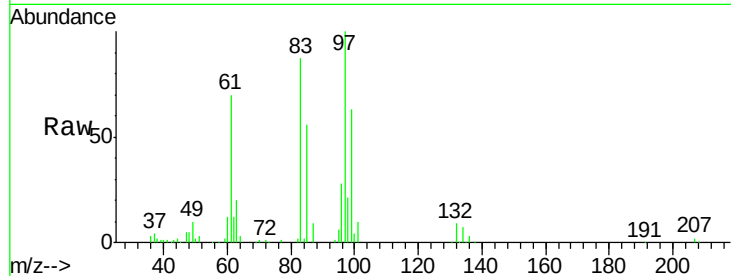
VW0918SBS02

Tot Ion:	97	Resp:	45829
Ion	Ratio	Lower	Upper
97	100		
83	87.1	67.8	101.8
85	56.2	45.4	68.0
99	63.1	51.5	77.3

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#56

Ethyl methacrylate

Concen: 21.51 ug/l

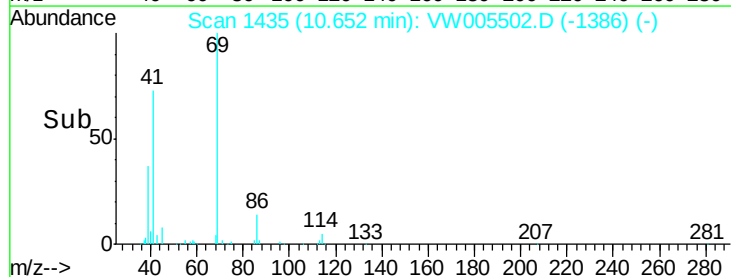
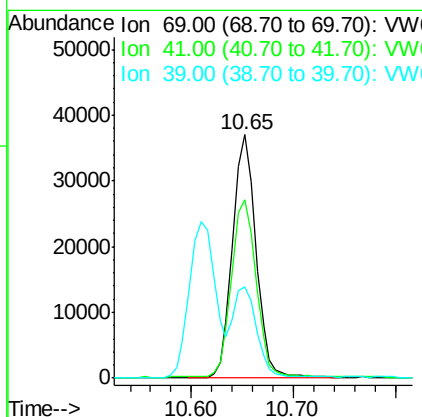
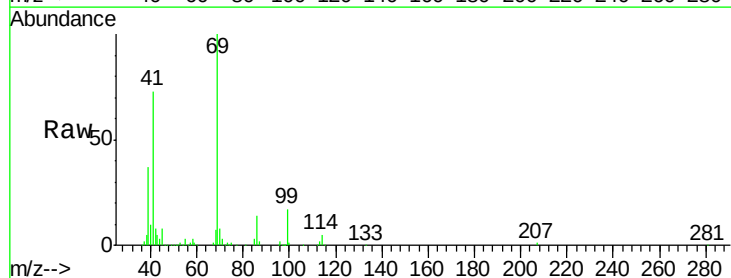
RT: 10.65 min Scan# 1435

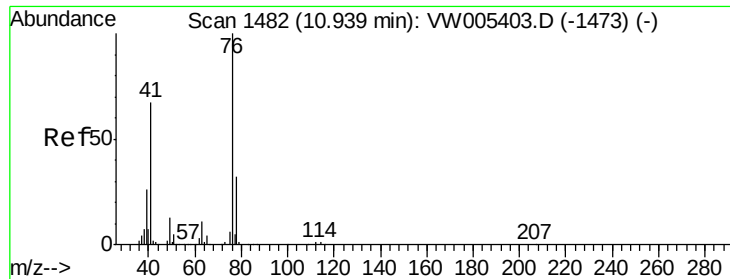
Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Tgt Ion:	69	Resp:	59257
Ion	Ratio	Lower	Upper
69	100		
41	75.9	59.3	88.9
39	37.3	30.2	45.4





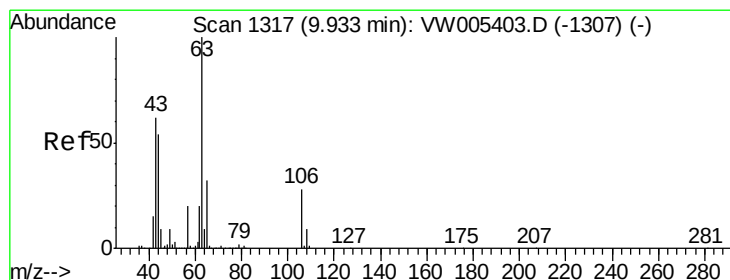
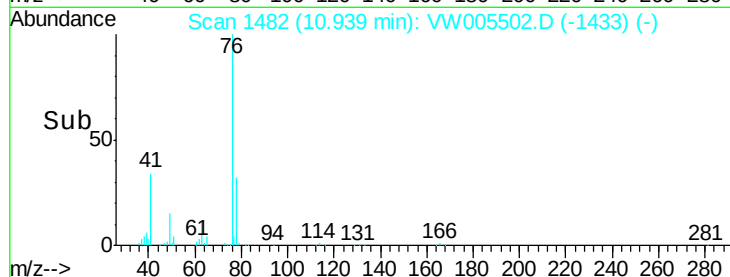
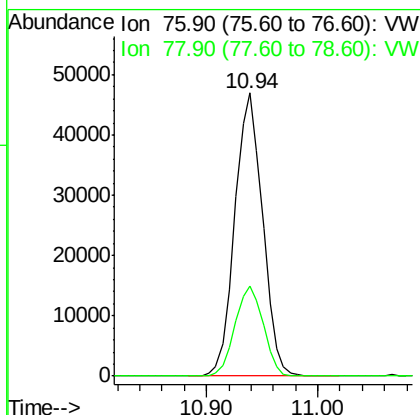
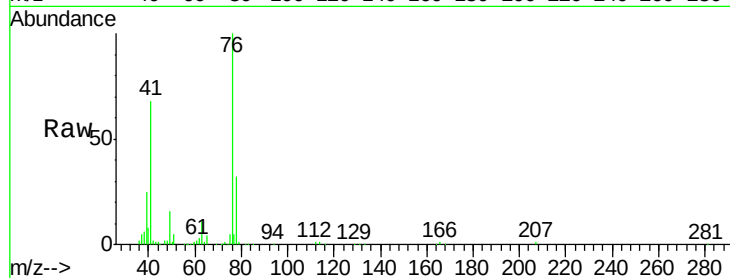
#57
 1,3-Dichloropropane
 Concen: 21.58 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: VW005502.D
 Acq: 19 Sep 2018 03:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

Tot Ion: 76 Resp: 81064
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.6 38.4

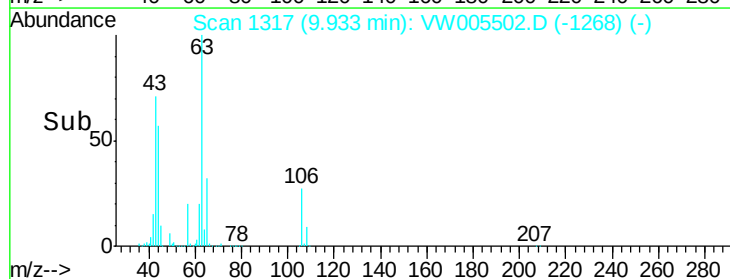
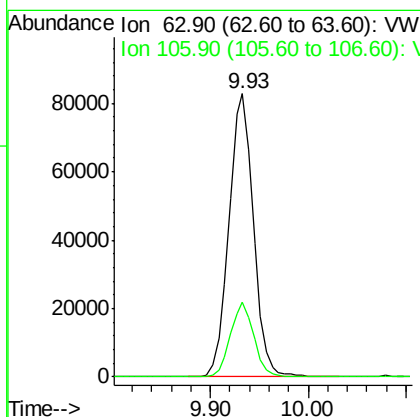
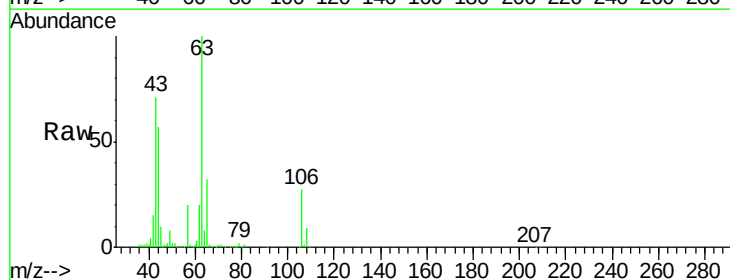
Manual Integrations
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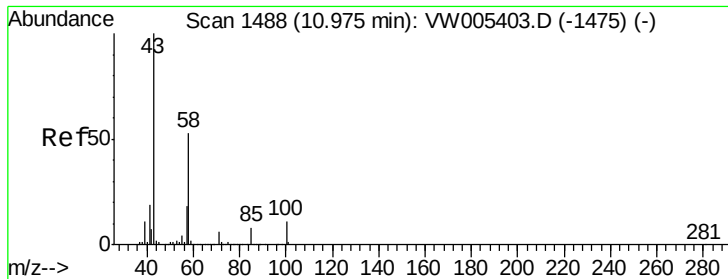
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#58
 2-Chloroethyl Vinyl ether
 Concen: 115.41 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VW005502.D
 Acq: 19 Sep 2018 03:14

Tgt Ion: 63 Resp: 143806
 Ion Ratio Lower Upper
 63 100
 106 25.3 22.0 33.0





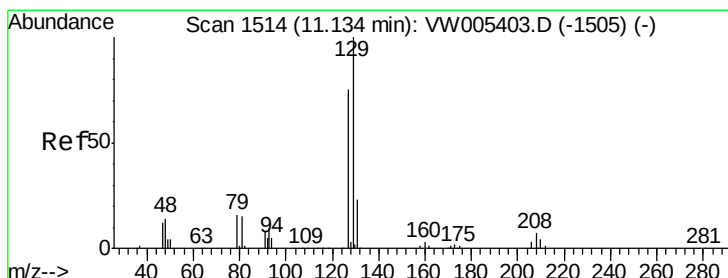
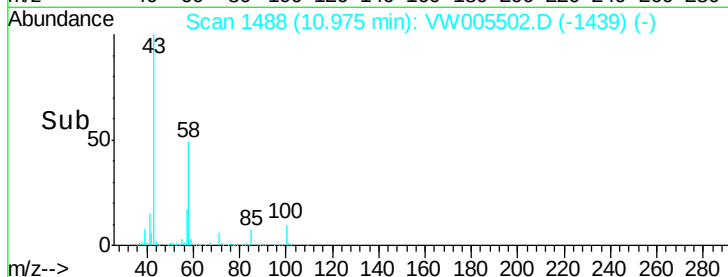
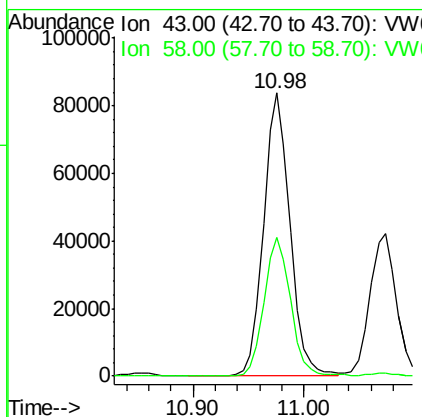
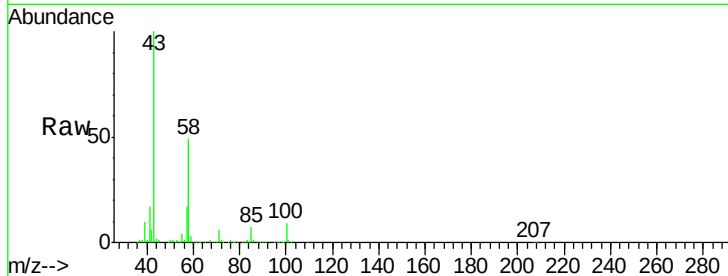
#59
2-Hexanone
Concen: 115.51 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tot Ion: 43 Resp: 138269
Ion Ratio Lower Upper
43 100
58 49.5 25.5 76.5

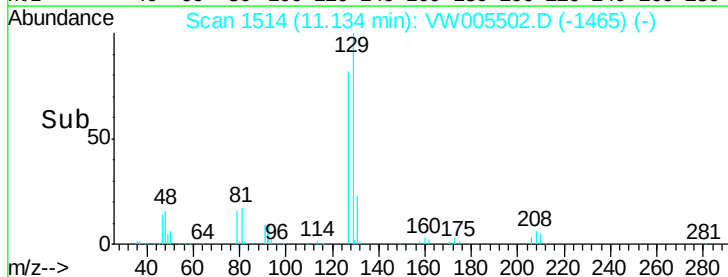
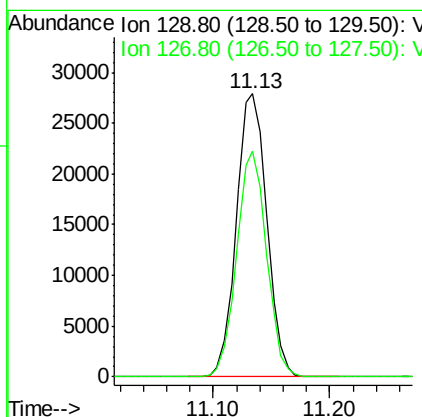
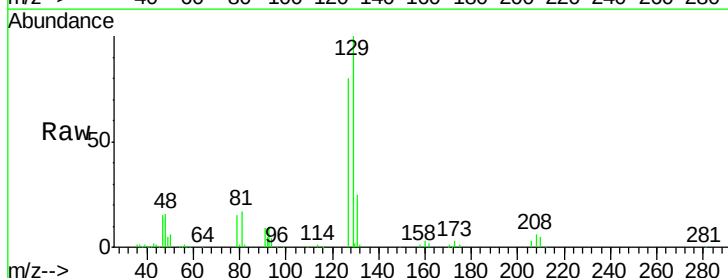
Manual Integrations
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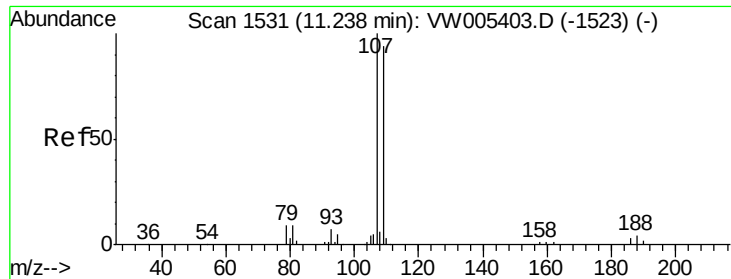
apatel
9/19/2018 3:44:54 PM



#60
Dibromochloromethane
Concen: 19.46 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

Tgt Ion: 129 Resp: 50976
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.3





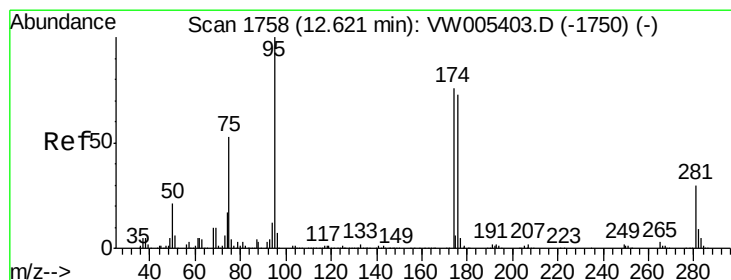
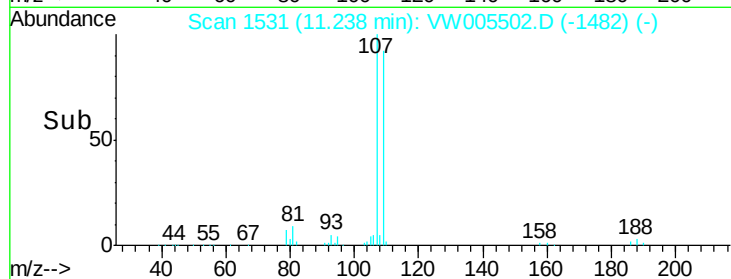
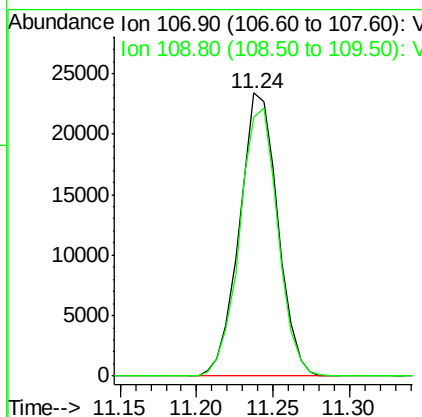
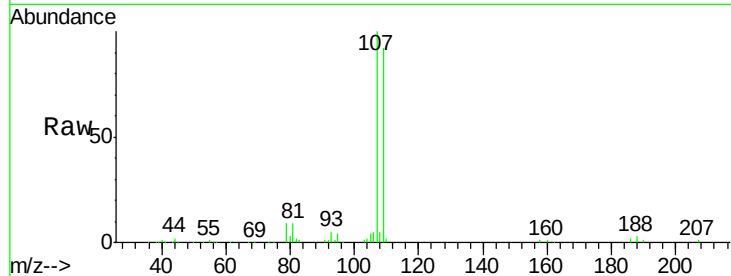
#61
 1,2-Dibromoethane
 Concen: 20.85 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW005502.D
 Acq: 19 Sep 2018 03:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

Tot Ion: 107 Resp: 40706
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.0 112.6

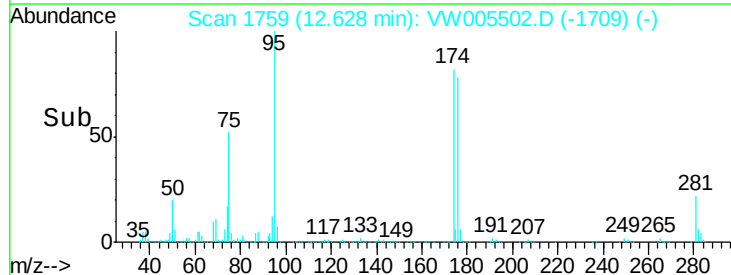
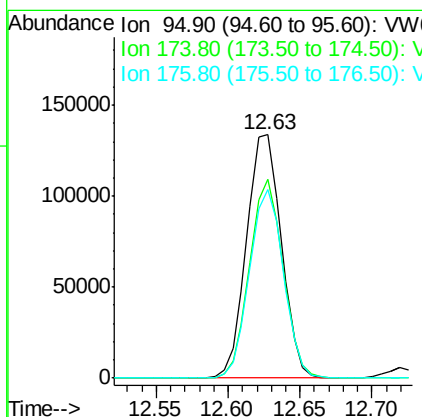
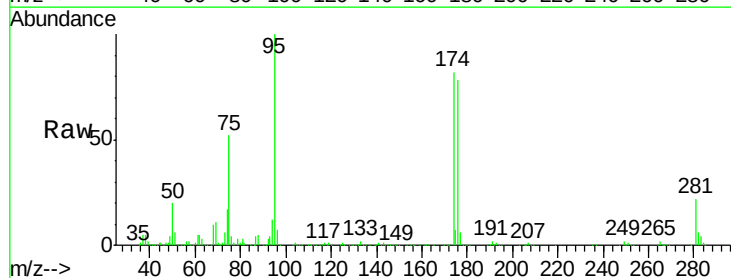
Manual Integrations
 APPROVED

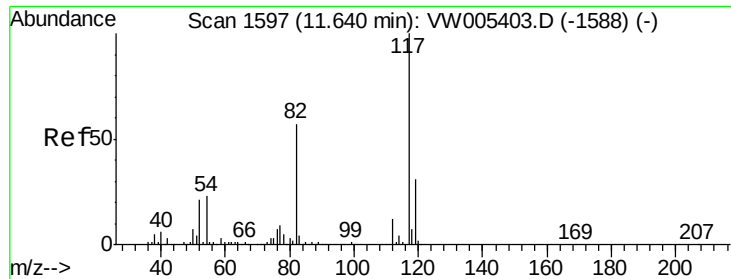
apatel
 9/19/2018 3:44:54 PM



#62
 4-Bromofluorobenzene
 Concen: 52.30 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. 0.01 min
 Lab File: VW005502.D
 Acq: 19 Sep 2018 03:14

Tgt Ion: 95 Resp: 223819
 Ion Ratio Lower Upper
 95 100
 174 78.6 0.0 161.2
 176 75.6 0.0 156.6





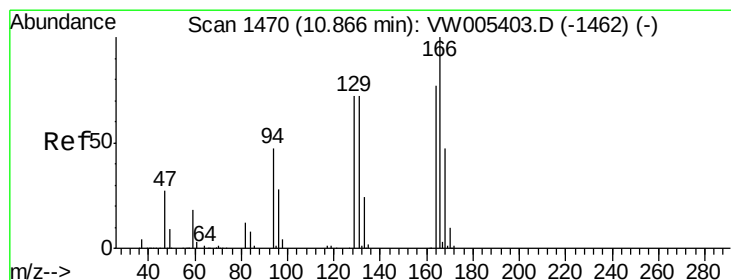
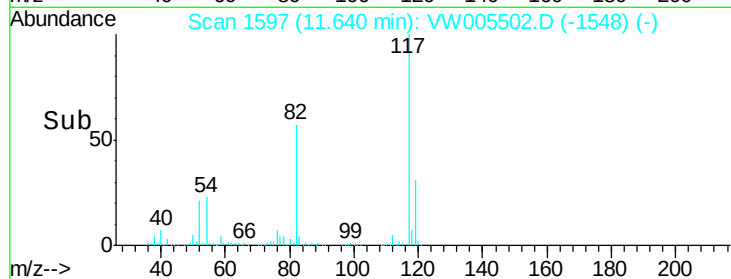
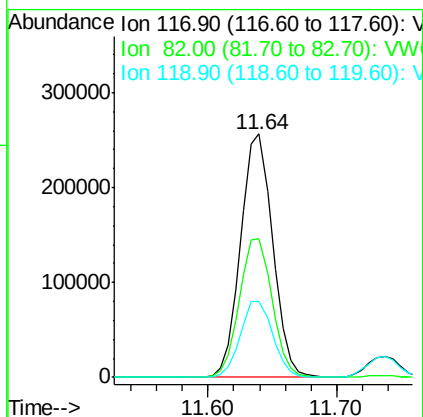
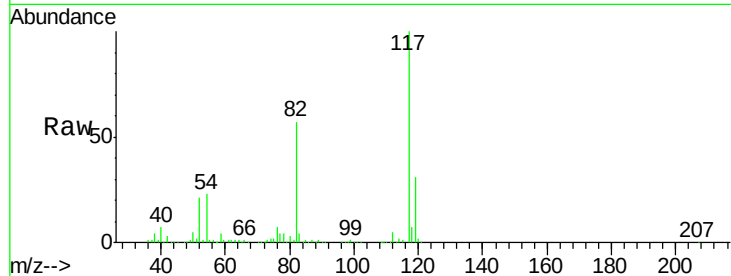
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	442167		
82	57.2		45.9	68.9
119	31.3		24.8	37.2

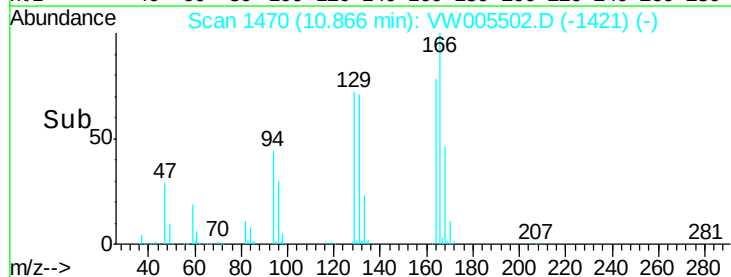
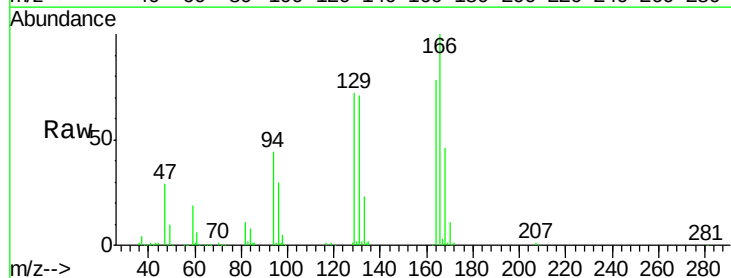
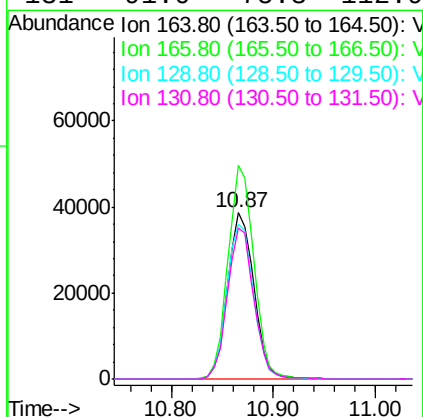
Manual Integrations
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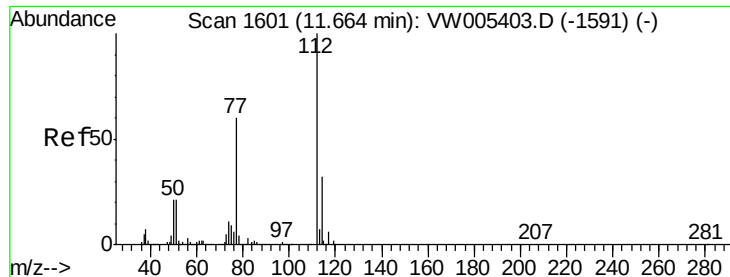
apatel
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#64
Tetrachloroethene
Concen: 21.00 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	68621		
166	128.8		104.0	156.0
129	93.1		74.9	112.3
131	91.0		75.3	112.9





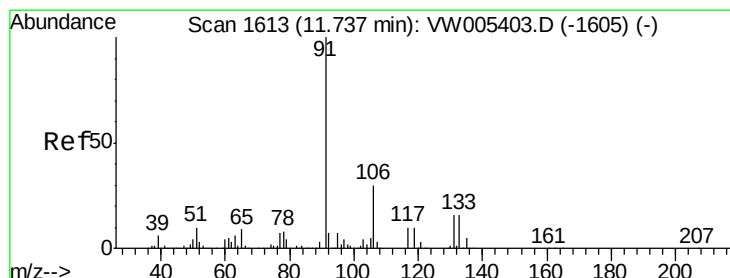
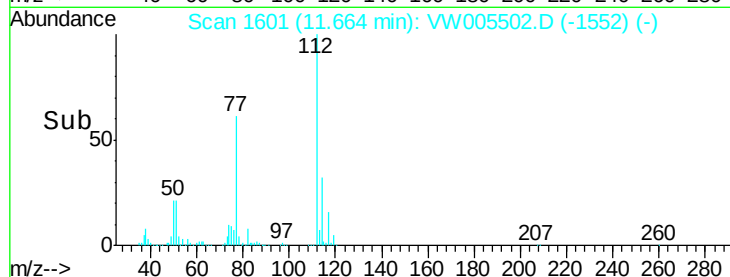
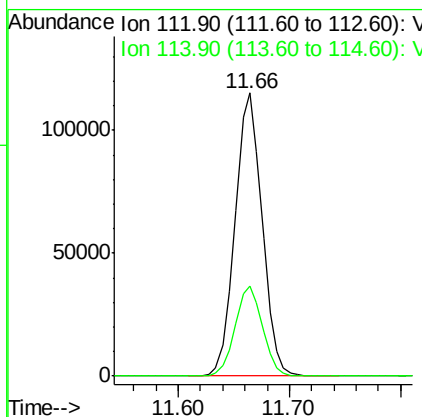
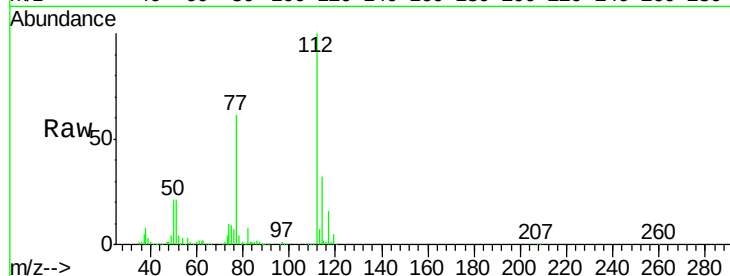
#65
Chlorobenzene
Concen: 20.61 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.3	37.9

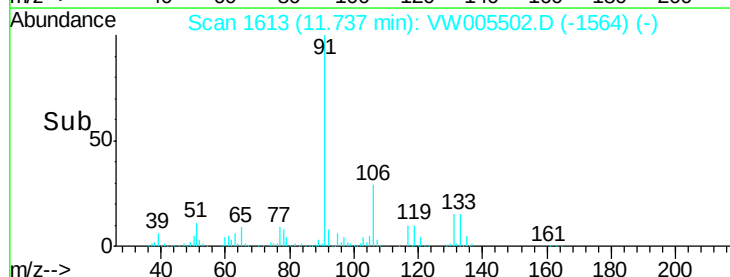
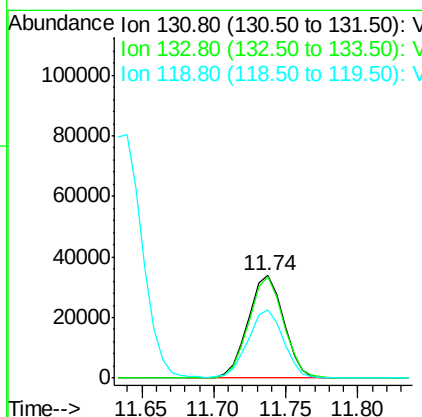
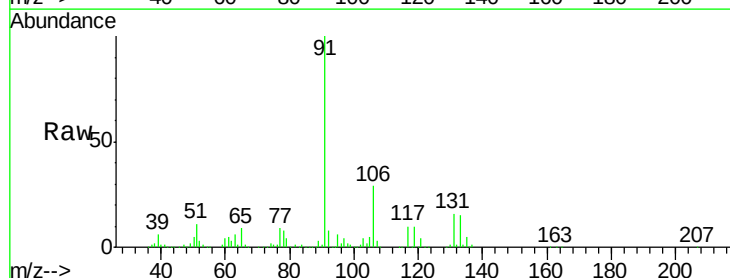
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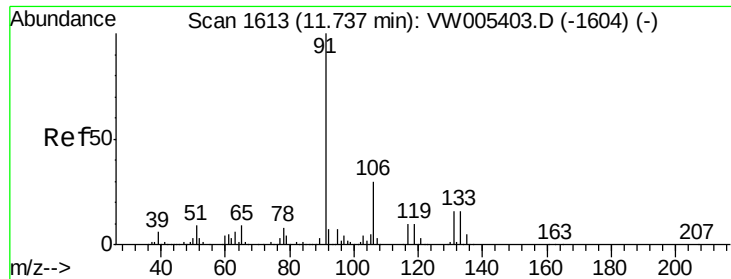
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.33 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.7	47.3	141.9
119	66.4	31.1	93.5





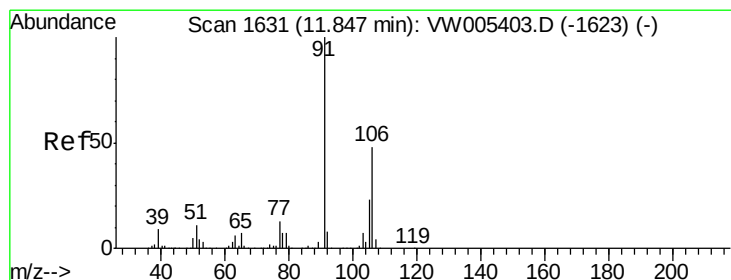
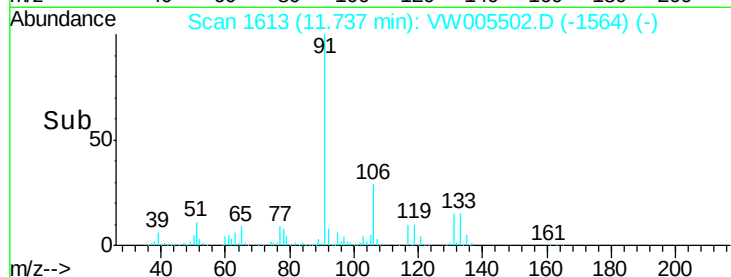
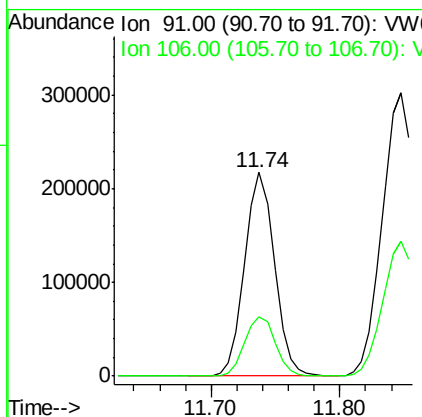
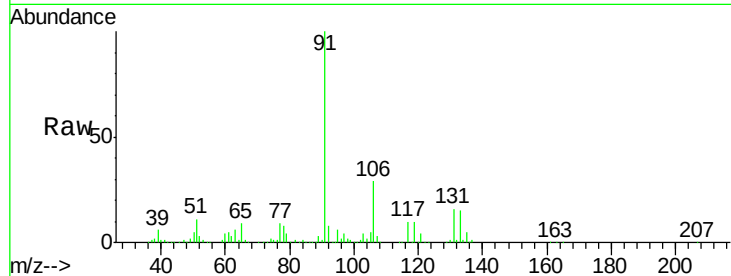
#67
Ethyl Benzene
Concen: 21.11 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

Instrument :
MSVOA_W
ClientSampled :
VW0918SBS02

Tot Ion: 91 Resp: 348351
Ion Ratio Lower Upper
91 100
106 29.4 24.2 36.4

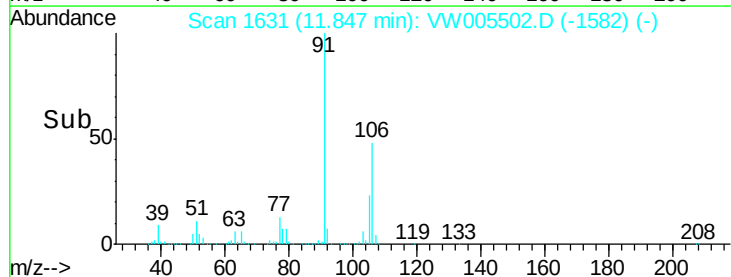
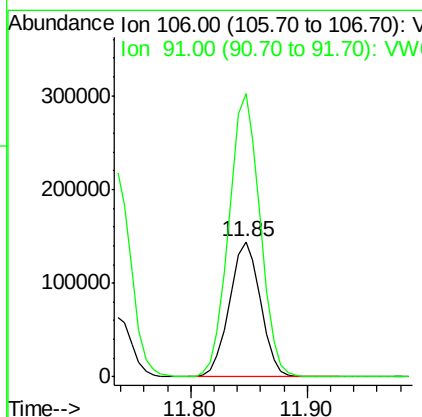
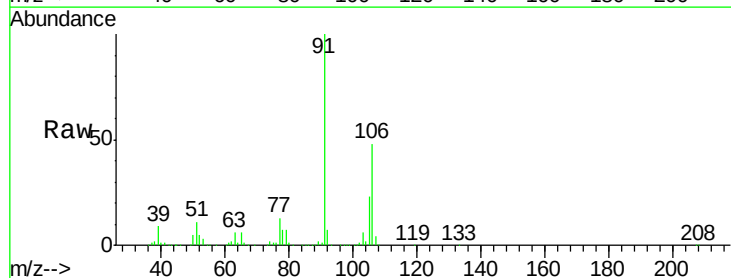
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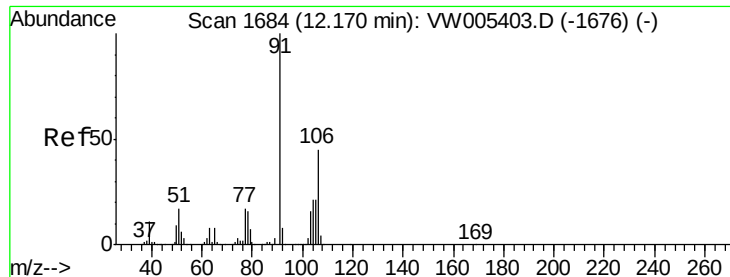
apatel
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#68
m/p-Xylenes
Concen: 42.17 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

Tgt Ion: 106 Resp: 267820
Ion Ratio Lower Upper
106 100
91 210.0 167.9 251.9





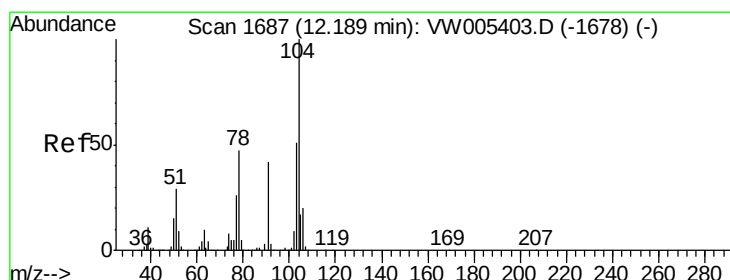
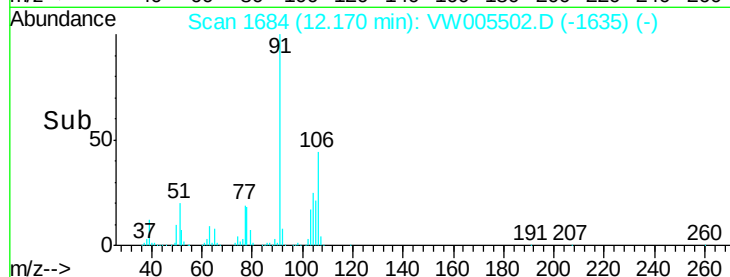
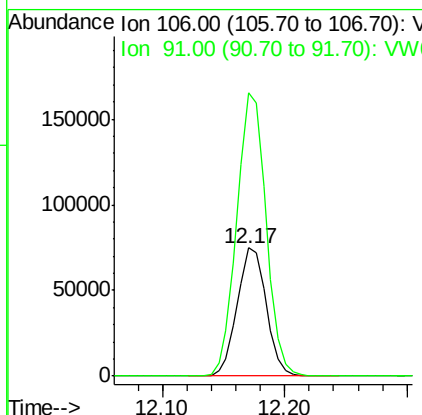
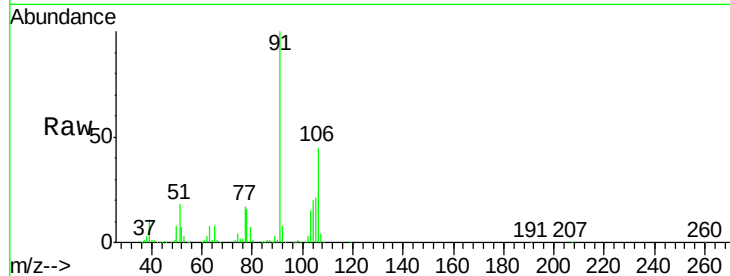
#69
o-Xylene
Concen: 20.82 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

Instrument :
MSVOA_W
ClientSampled :
VW0918SBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	123118		
91	91	222.9	110.6	331.6	

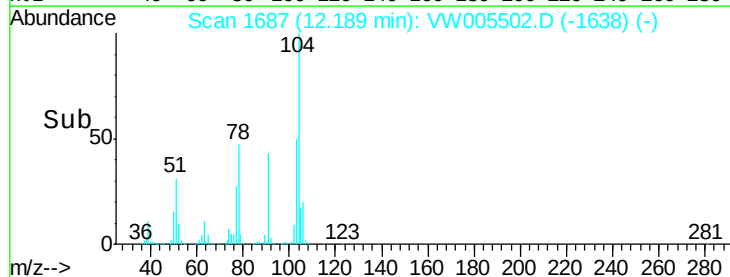
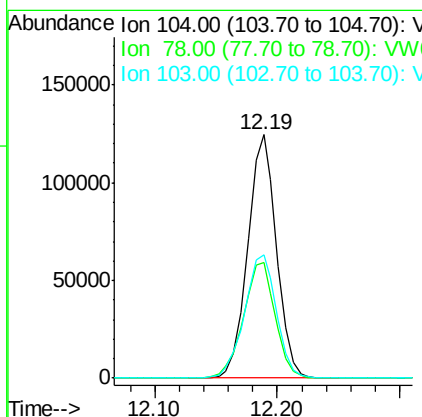
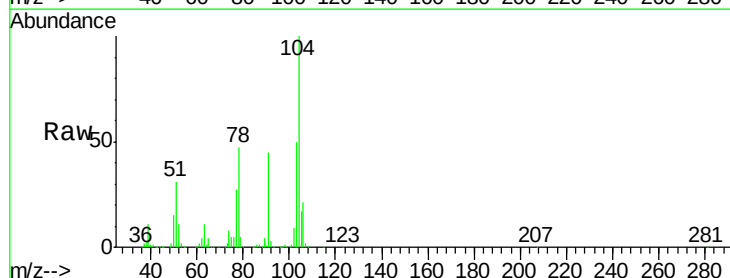
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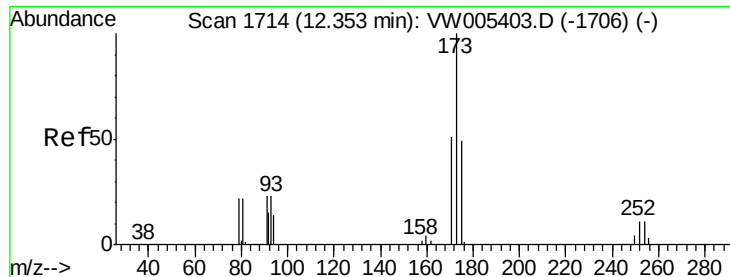
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#70
Styrene
Concen: 20.84 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	203437		
78	78	52.4	42.4	63.6	
103	103	56.4	44.8	67.2	





#71

Bromoform

Concen: 18.51 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

Tot Ion:173 Resp: 29377

Ion Ratio Lower Upper

173 100

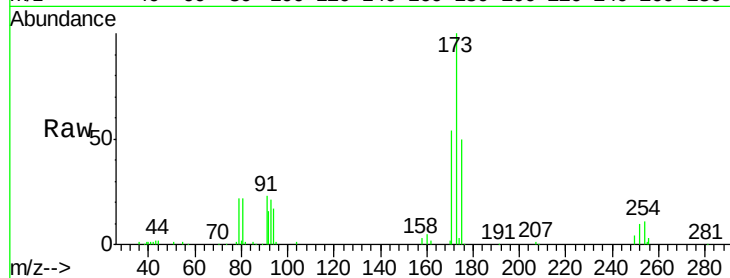
175 48.6 24.2 72.6

254 0.1 0.0 0.0#

Manual Integrations
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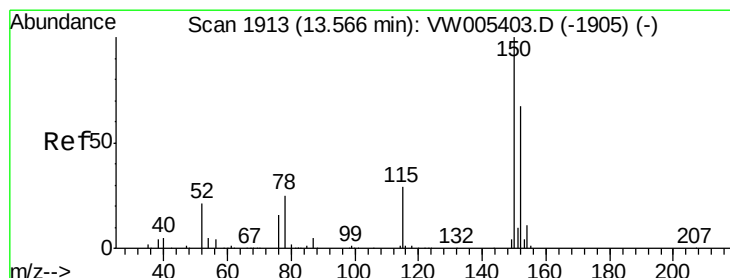
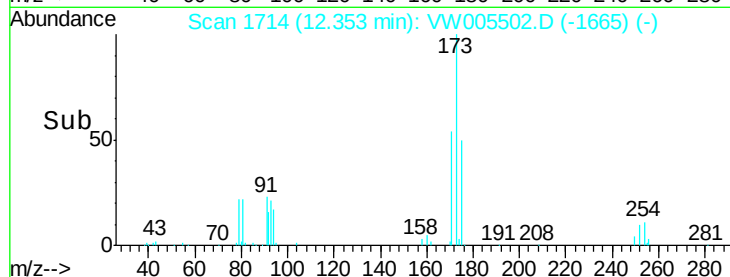
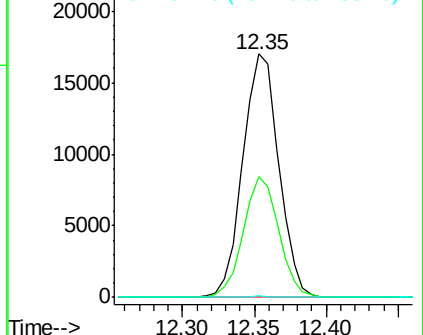
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

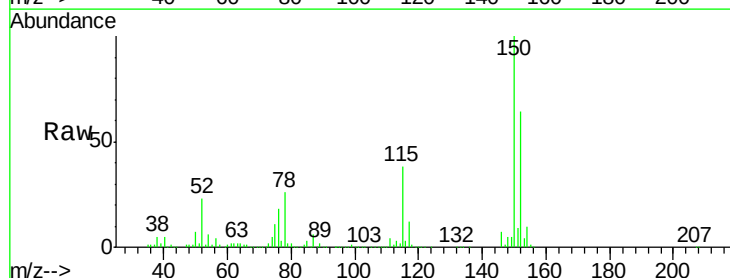
Tgt Ion:152 Resp: 221743

Ion Ratio Lower Upper

152 100

115 59.8 29.5 88.5

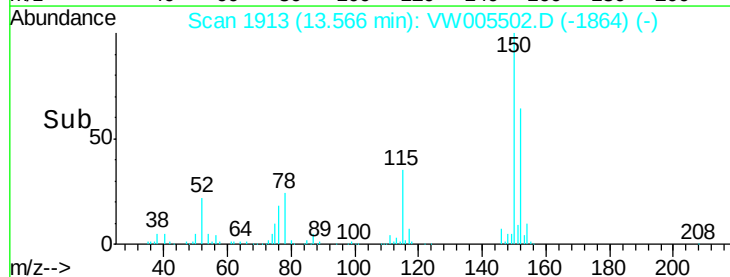
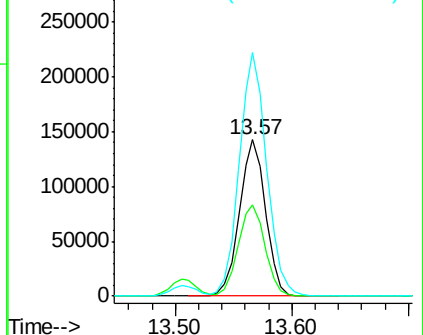
150 163.3 0.0 345.6

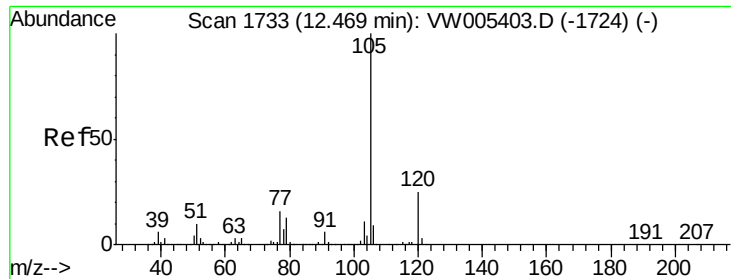


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





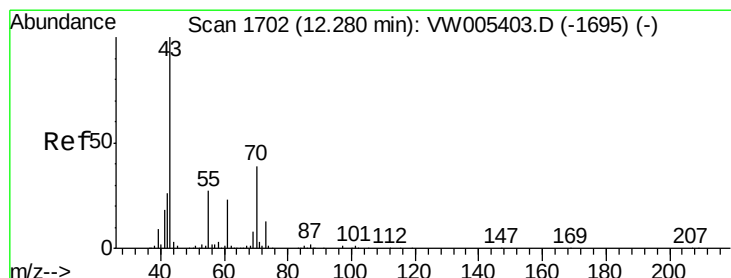
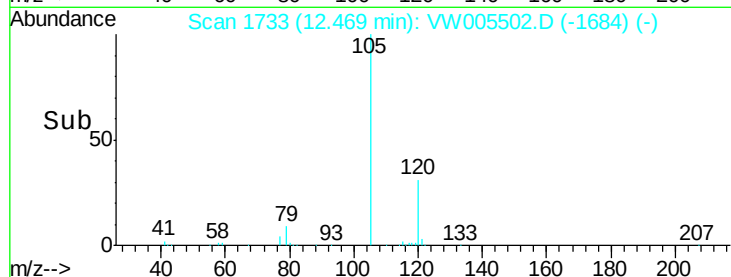
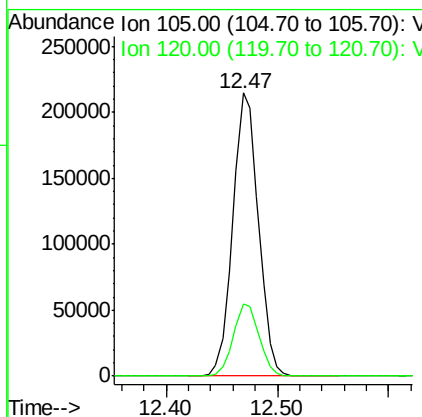
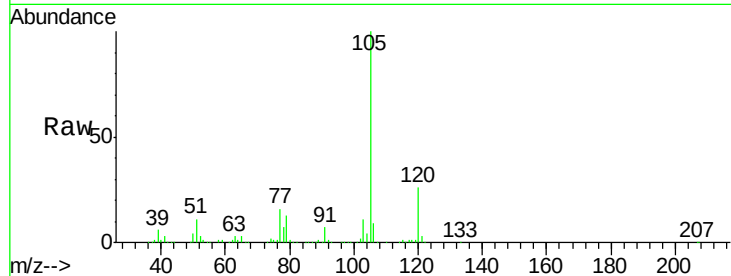
#73
Isopropylbenzene
Concen: 21.91 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.8	12.9	38.6

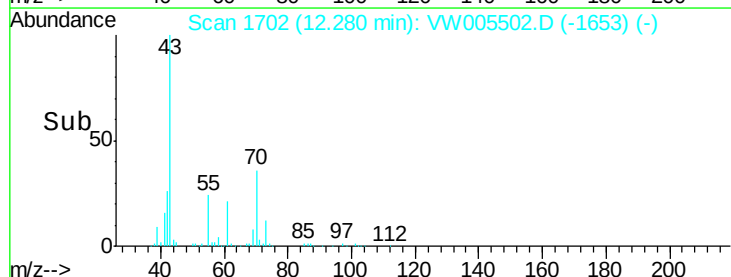
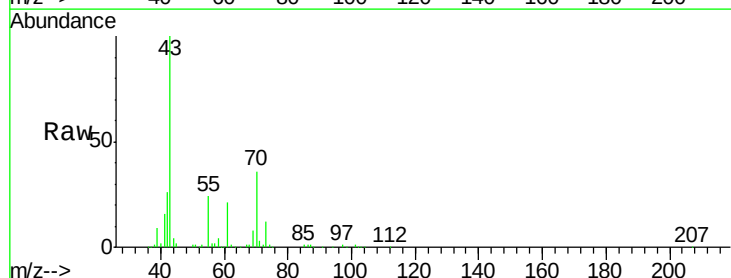
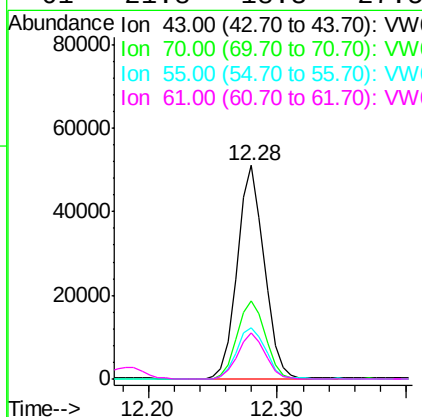
Manual Integrations
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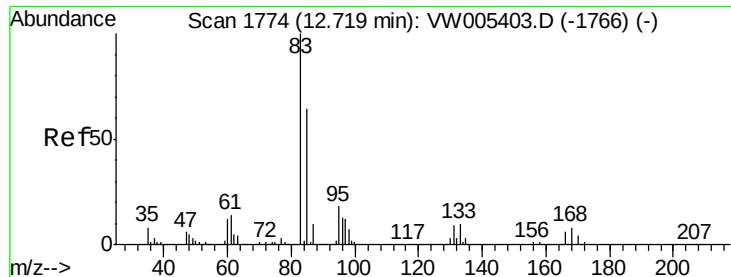
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#74
N-ethyl acetate
Concen: 22.60 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

Tgt Ion	Ratio	Lower	Upper
43	100		
70	38.4	31.9	47.9
55	26.1	21.4	32.0
61	21.8	18.3	27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 22.47 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

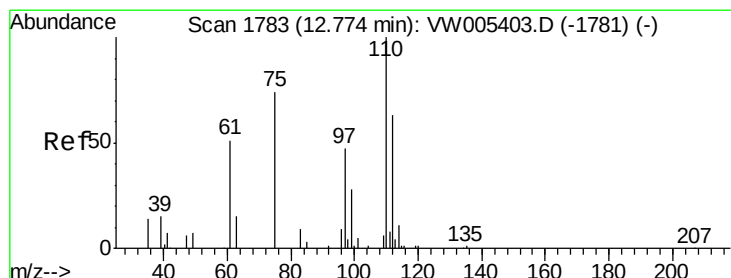
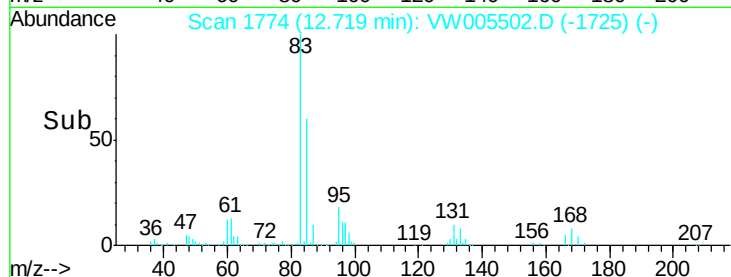
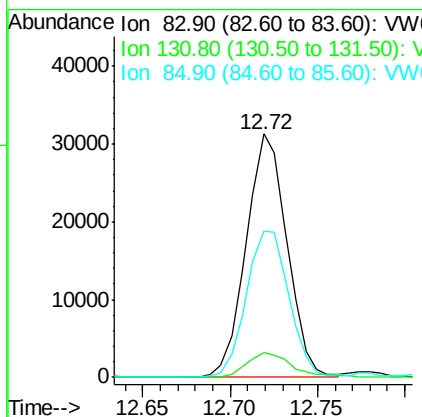
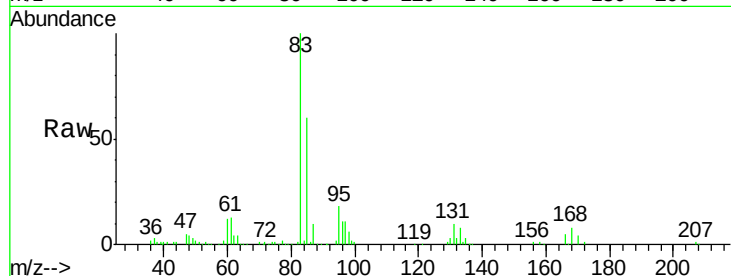
ClientSampleId :

VW0918SBS02

Tot Ion:	83	Resp:	50997
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.7	17.1
85	63.1	31.6	95.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 24.50 ug/l m

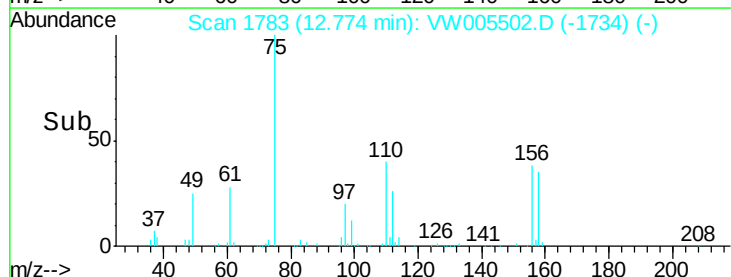
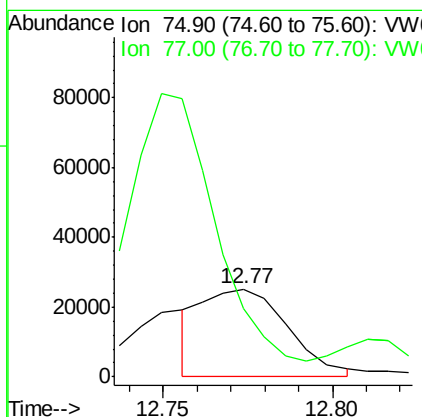
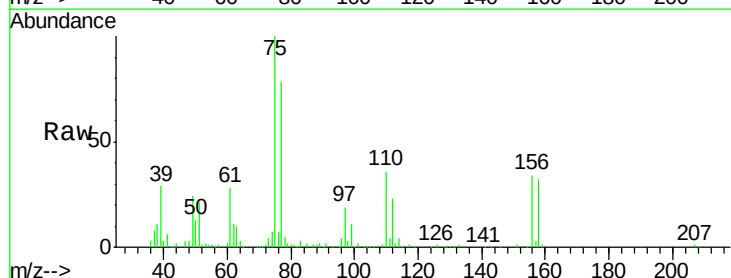
RT: 12.77 min Scan# 1783

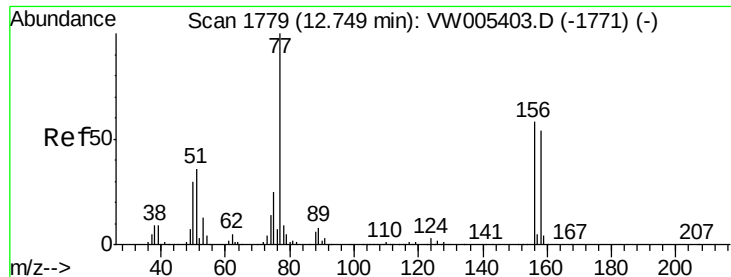
Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Tgt Ion:	75	Resp:	44677
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.05 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

ClientSampled :

VW0918SBS02

Tot Ion:156 Resp: 77408

Ion Ratio Lower Upper

156 100

77 196.6 92.8 278.3

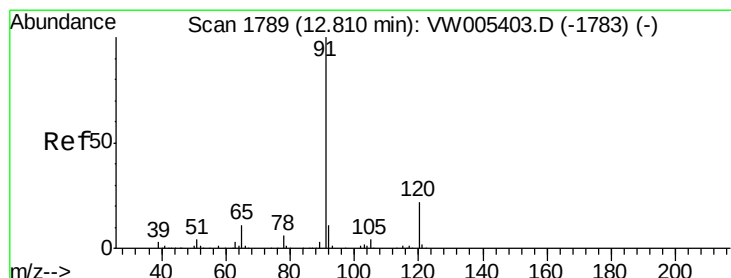
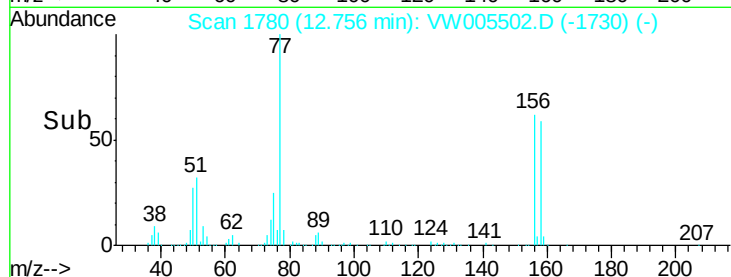
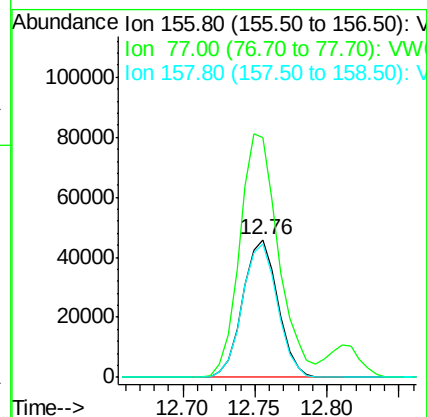
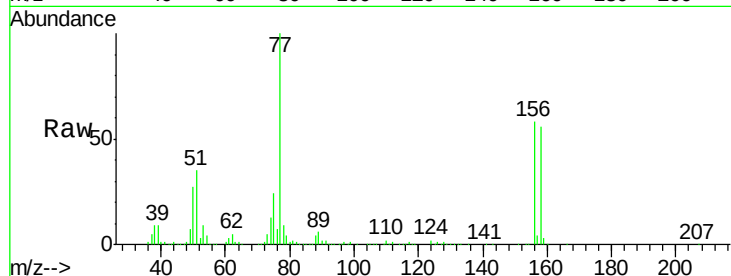
158 96.7 48.2 144.6

Manual Integrations

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#78

n-propylbenzene

Concen: 22.26 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW005502.D

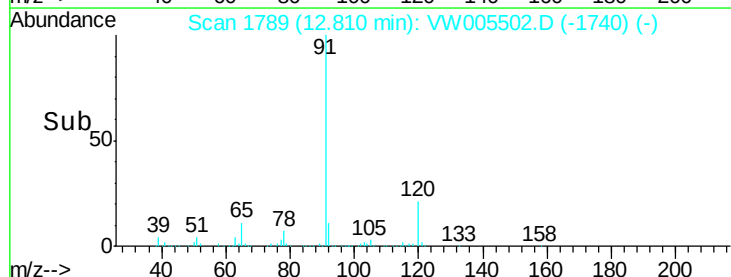
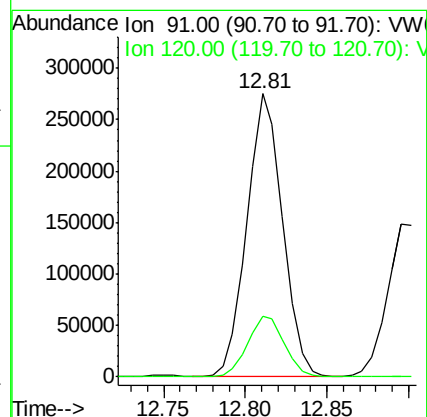
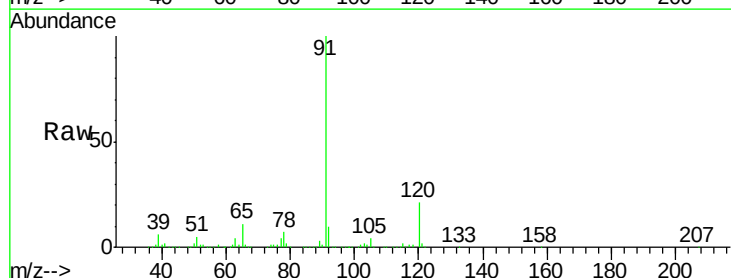
Acq: 19 Sep 2018 03:14

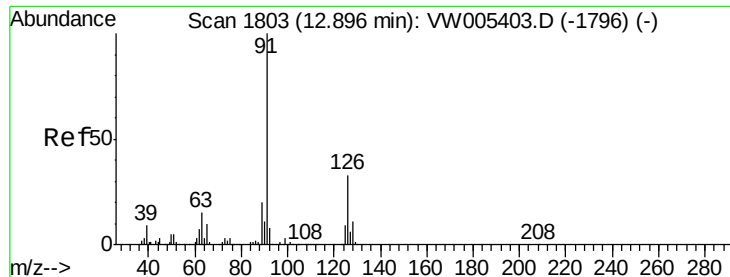
Tgt Ion: 91 Resp: 417999

Ion Ratio Lower Upper

91 100

120 22.0 11.3 33.8





#79

2-Chlorotoluene

Concen: 22.11 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

Tot Ion: 91 Resp: 244854

Ion Ratio Lower Upper

91 100

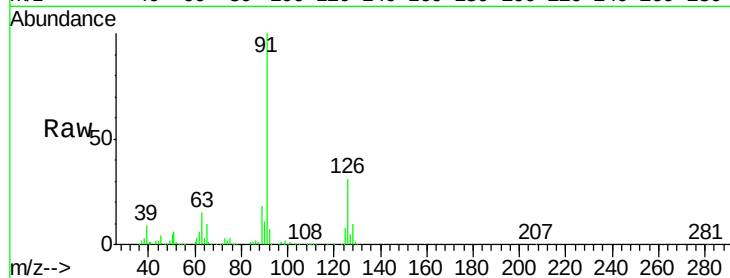
126 32.2 16.4 49.1

Manual Integrations

APPROVED

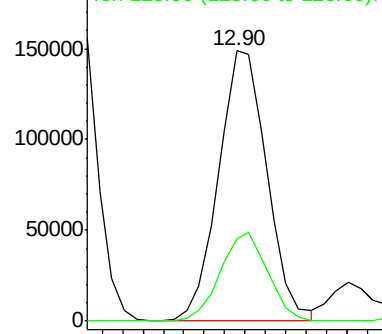
apatel

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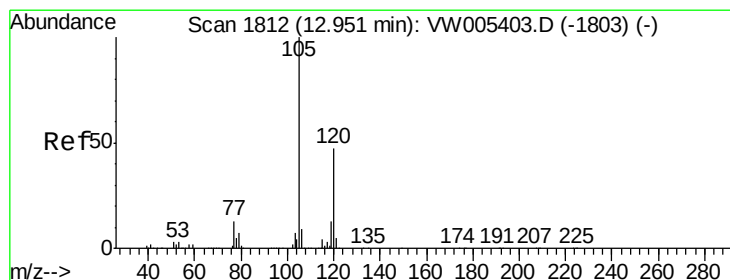
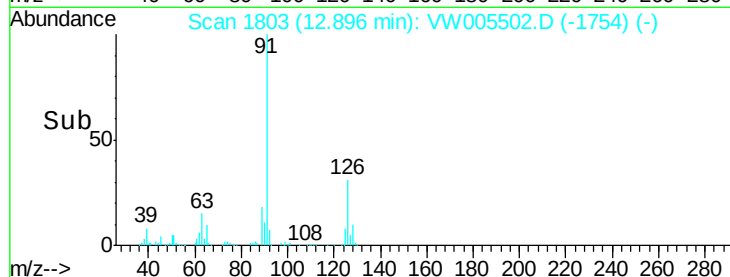


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 21.43 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW005502.D

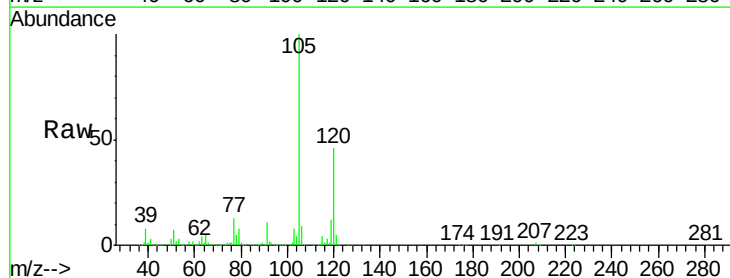
Acq: 19 Sep 2018 03:14

Tgt Ion:105 Resp: 290853

Ion Ratio Lower Upper

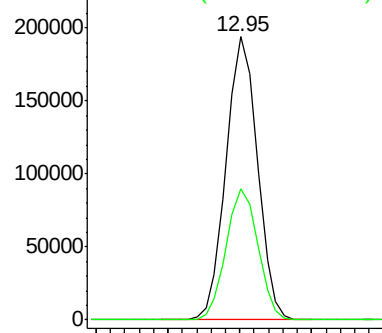
105 100

120 47.3 23.5 70.5

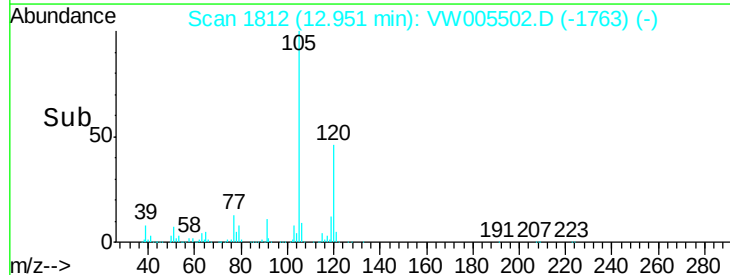


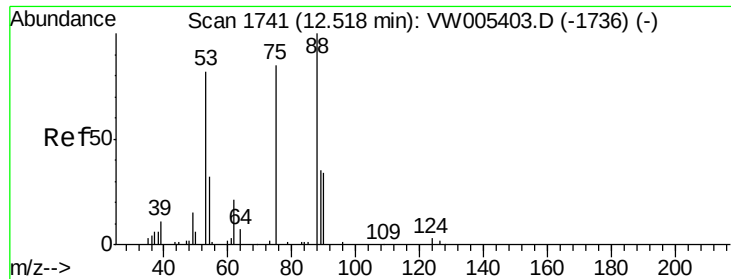
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





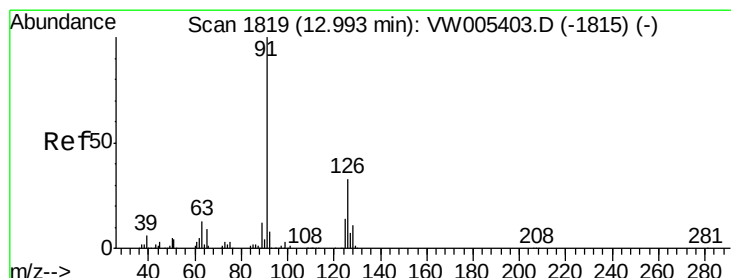
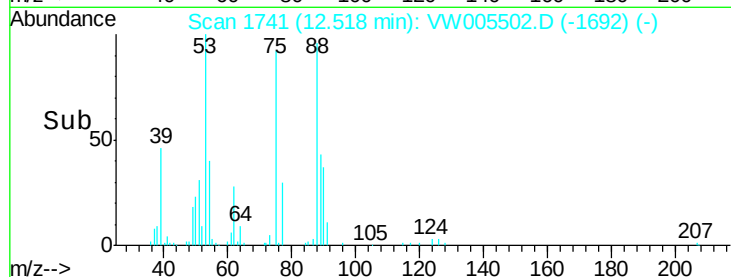
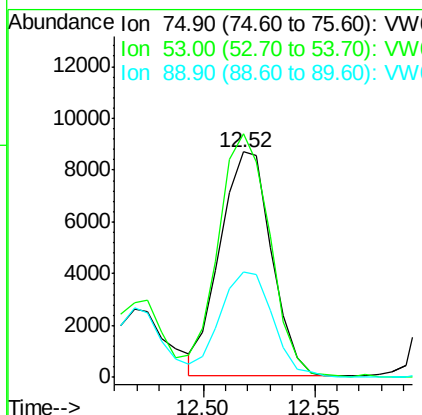
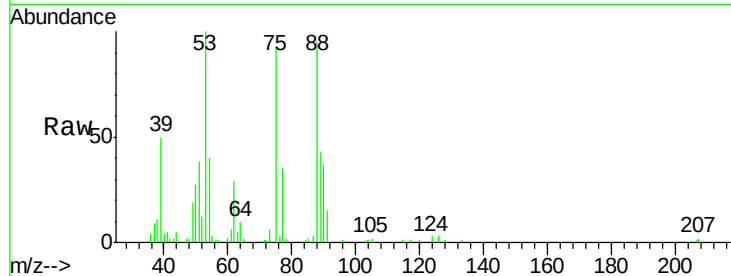
#81
trans-1,4-Dichloro-2-butene
Concen: 19.77 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	111.0	83.2	124.8
89	48.6	36.6	54.8

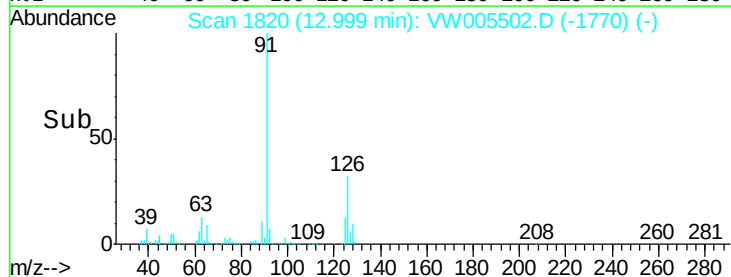
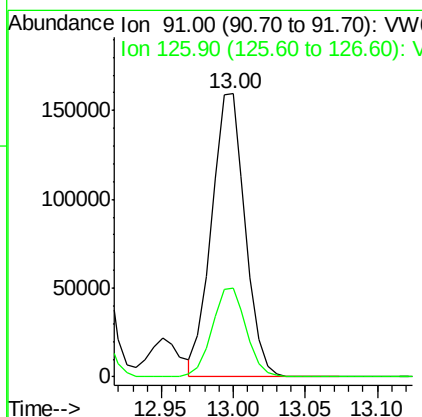
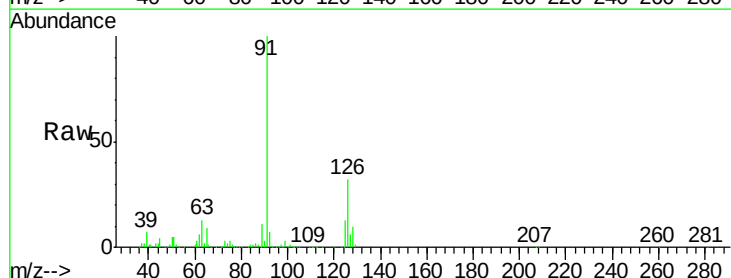
Manual Integrations
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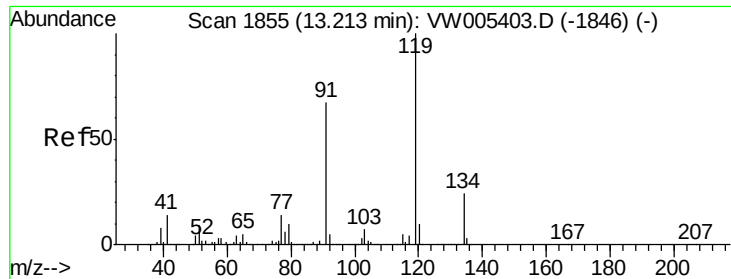
apatel
9/19/2018 3:44:54 PM



#82
4-Chlorotoluene
Concen: 22.12 ug/l
RT: 13.00 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.8	16.4	49.1





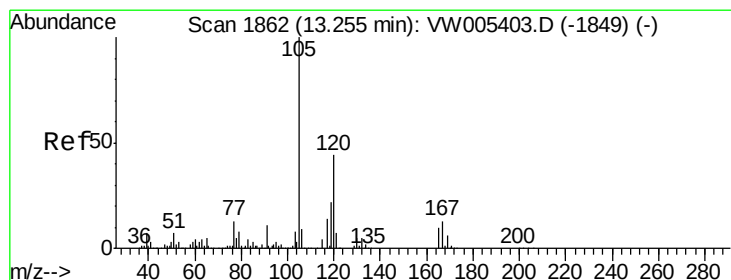
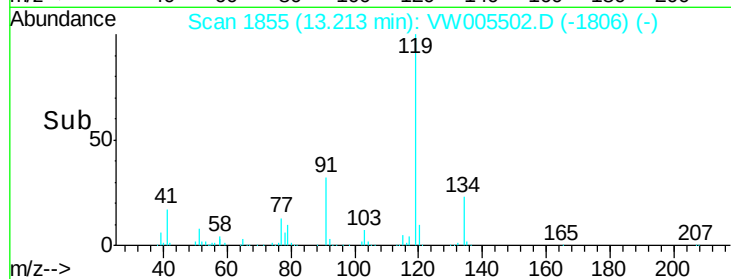
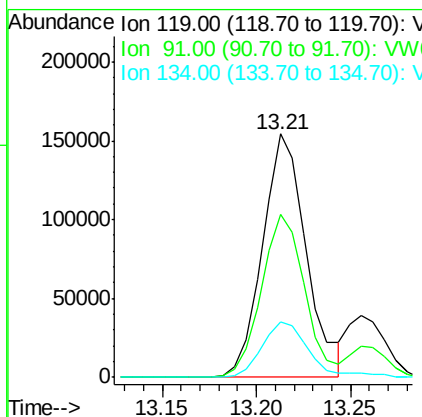
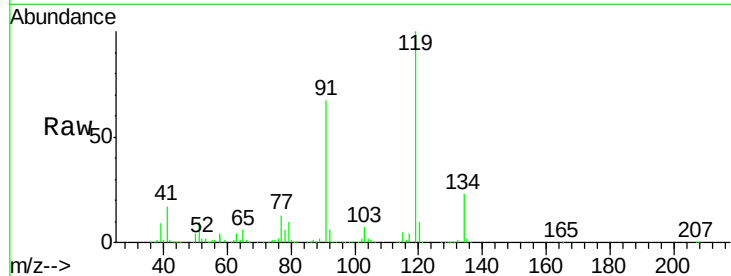
#83
 tert-Butylbenzene
 Concen: 22.04 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW005502.D
 Acq: 19 Sep 2018 03:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	248521		
91	66.2		34.4	103.2
134	24.6		12.7	38.0

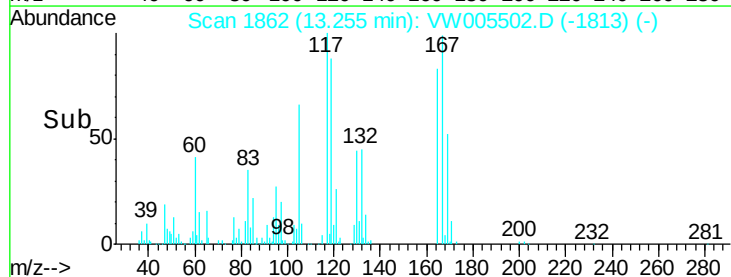
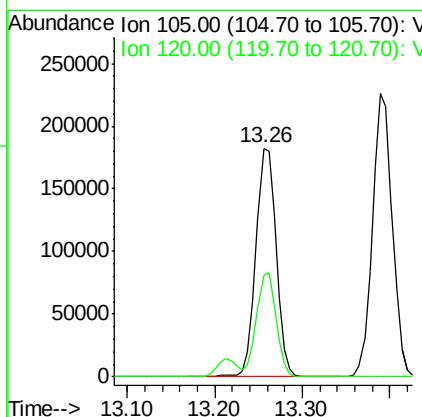
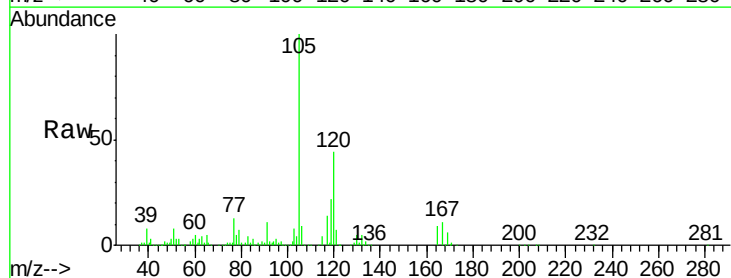
Manual Integrations
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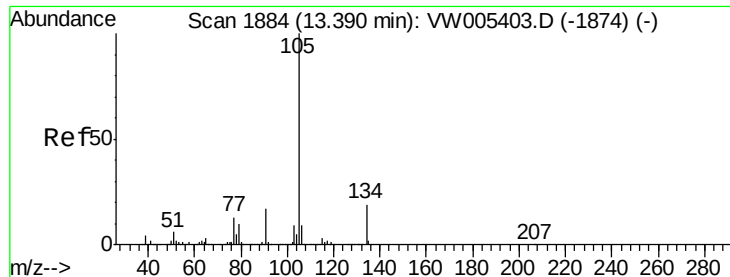
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.35 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW005502.D
 Acq: 19 Sep 2018 03:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	294236		
120	44.0		21.8	65.3





#85

sec-Butylbenzene

Concen: 21.85 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

Tot Ion:105 Resp: 355911

Ion Ratio Lower Upper

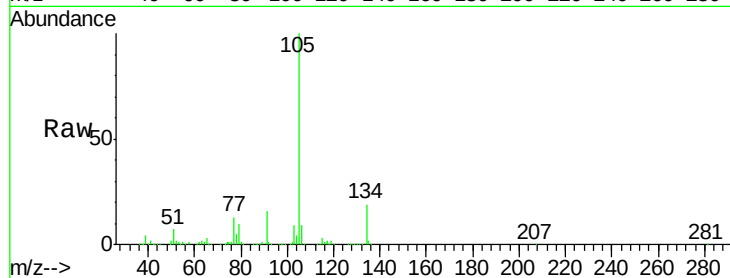
105 100

134 19.1 9.8 29.5

Manual Integrations
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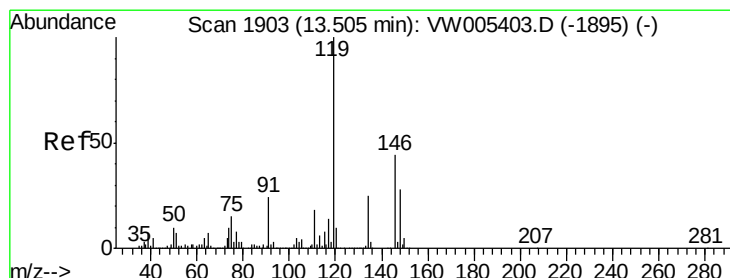
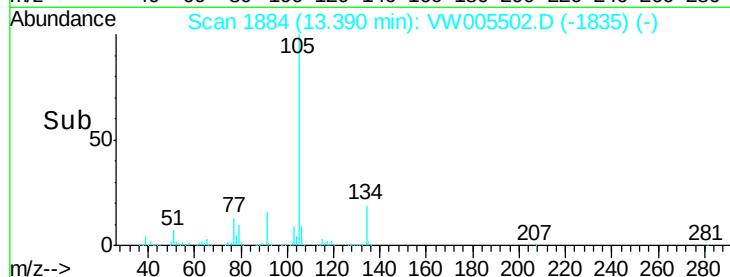
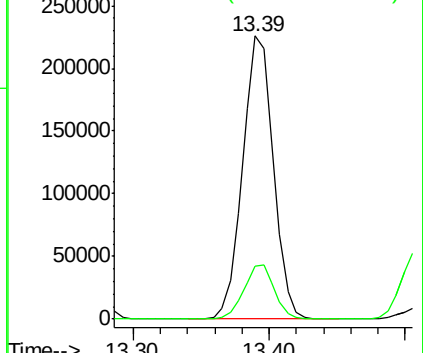
apatel

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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: 21.10 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

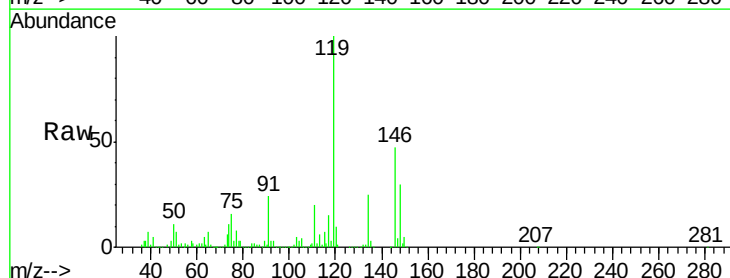
Tgt Ion:119 Resp: 307452

Ion Ratio Lower Upper

119 100

134 25.1 12.6 37.8

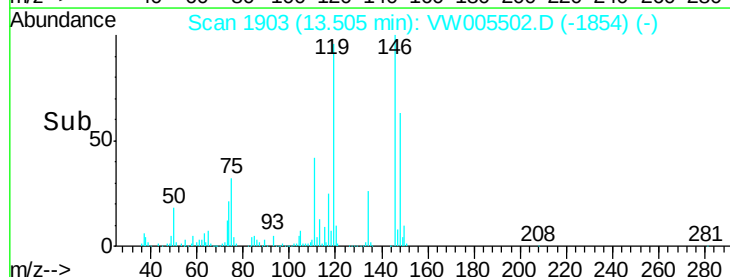
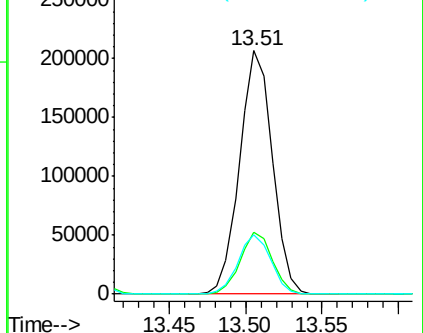
91 24.3 12.0 36.0

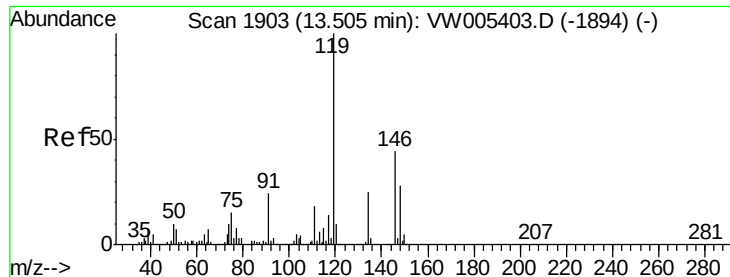


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





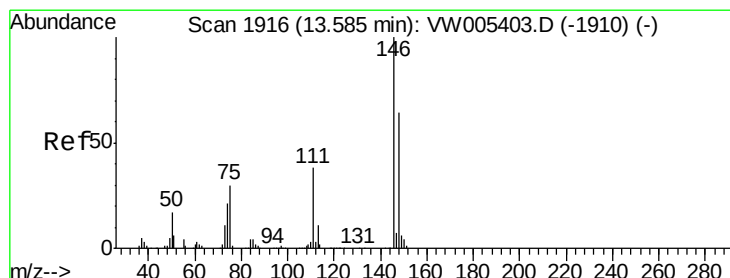
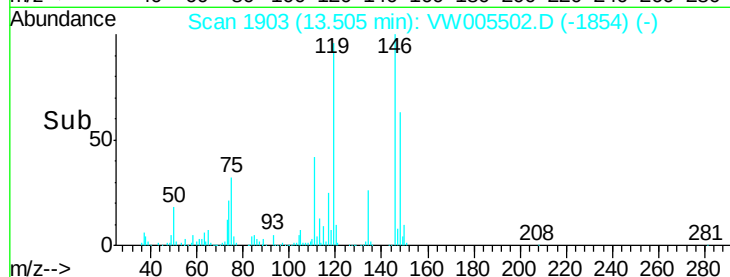
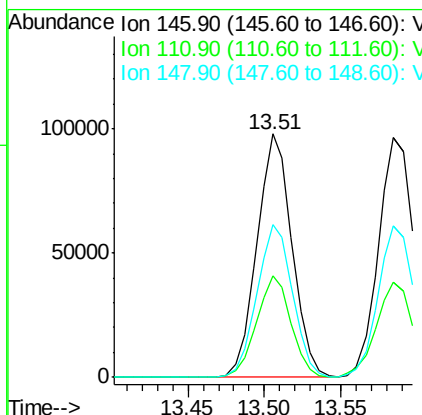
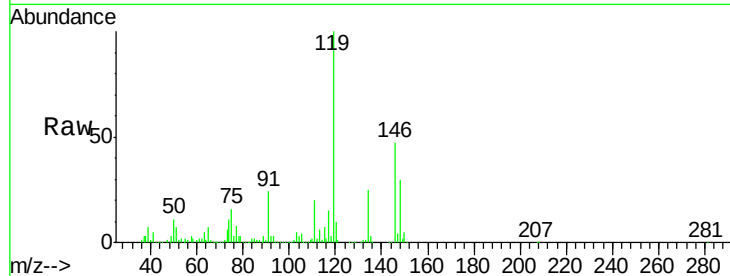
#87
 1,3-Dichlorobenzene
 Concen: 20.91 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005502.D
 Acq: 19 Sep 2018 03:14

Instrument :
 MSVOA_W
 ClientSampled :
 VW0918SBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	155998		
111	40.9	20.4	61.2	
148	63.7	32.0	96.0	

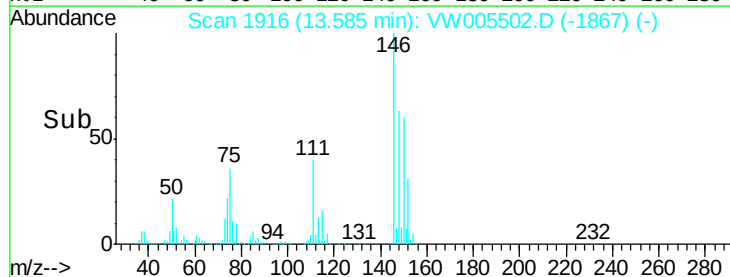
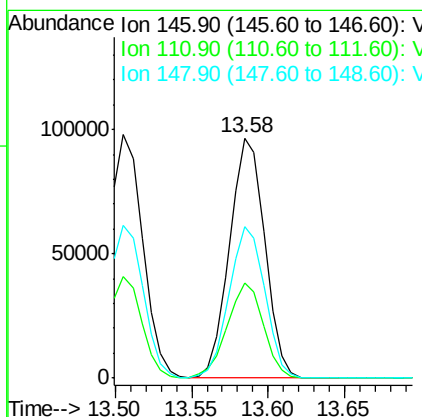
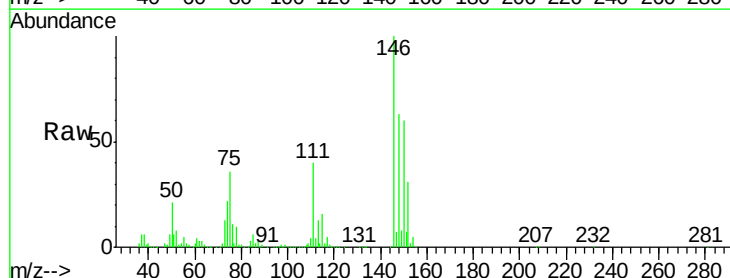
Manual Integrations
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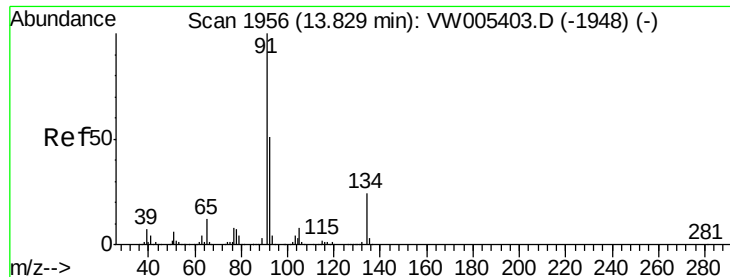
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 21.05 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW005502.D
 Acq: 19 Sep 2018 03:14

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	154616		
111	40.6	19.6	58.8	
148	63.8	31.8	95.4	





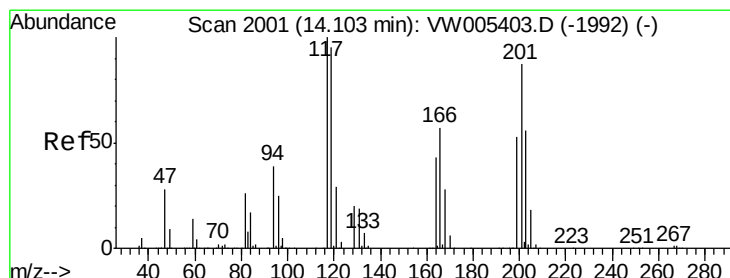
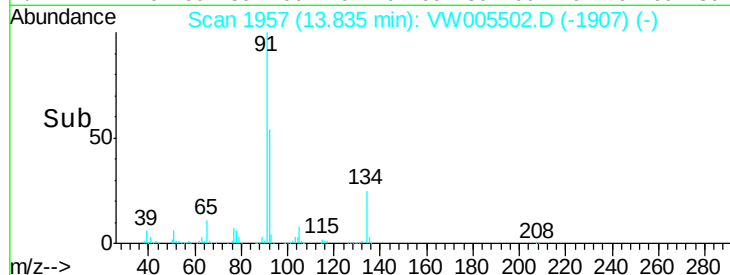
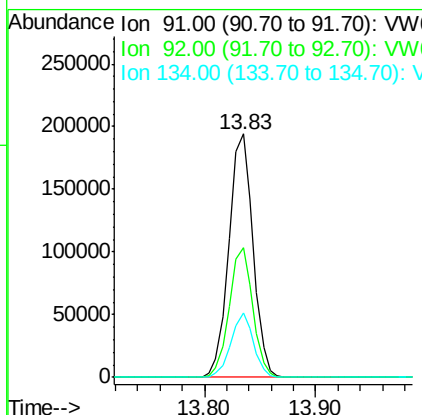
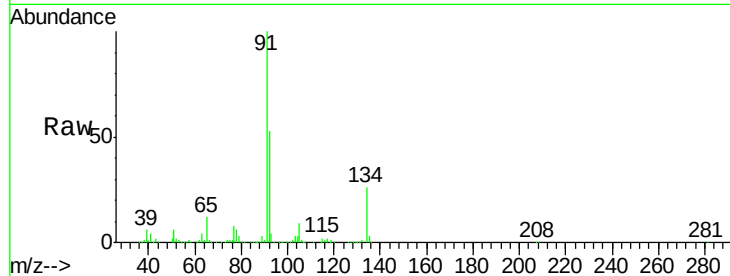
#89
n-Butylbenzene
Concen: 21.42 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. 0.01 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.2	78.6
134	24.8	12.7	38.1

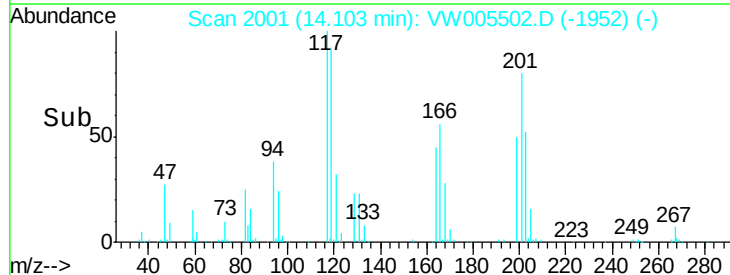
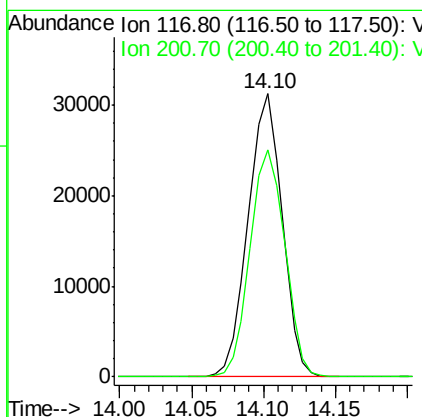
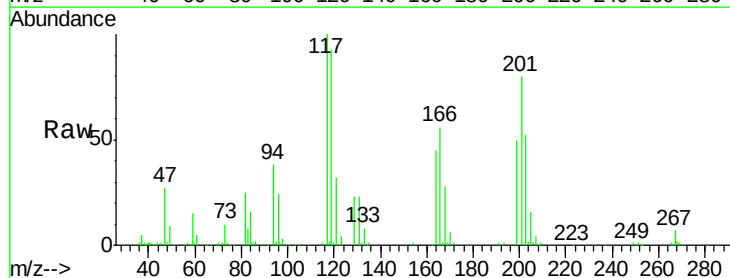
Manual Integrations
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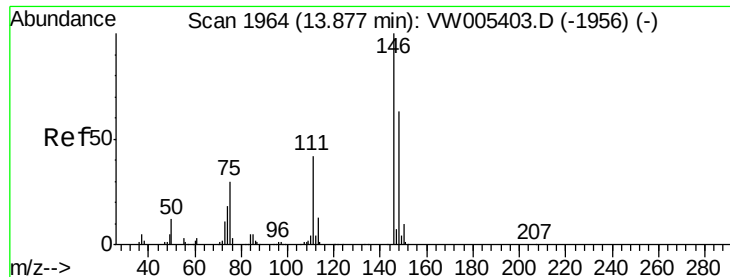
apatel
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#90
Hexachloroethane
Concen: 20.51 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.00 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.1	42.5	127.5





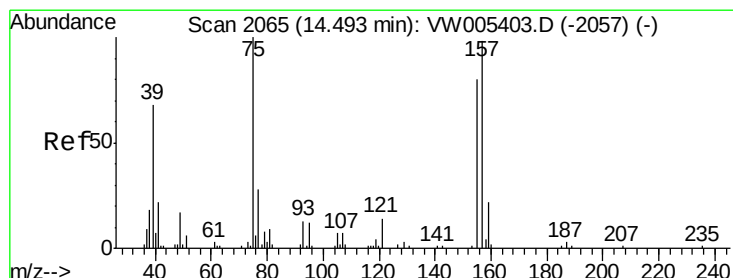
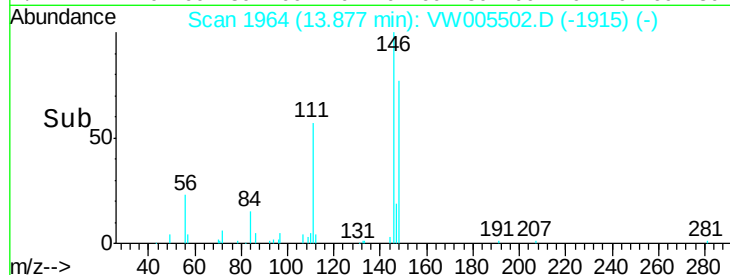
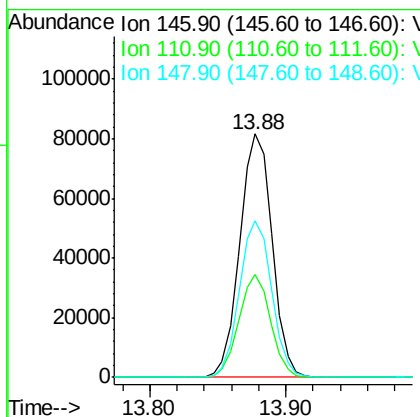
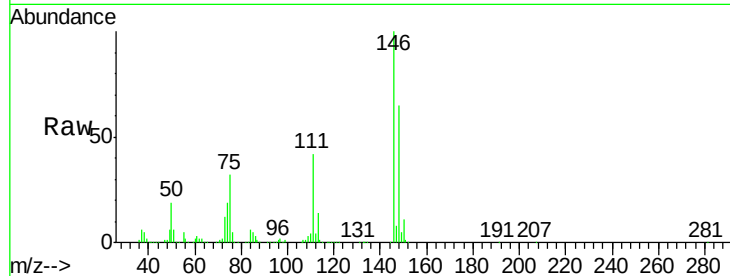
#91
 1,2-Dichlorobenzene
 Concen: 20.74 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005502.D
 Acq: 19 Sep 2018 03:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.0	63.0
148	64.4	31.9	95.9

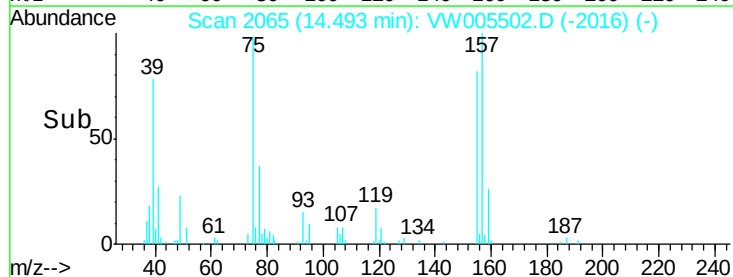
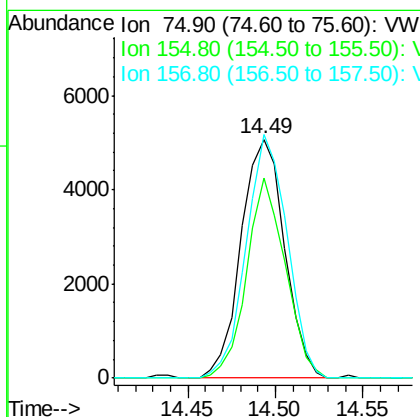
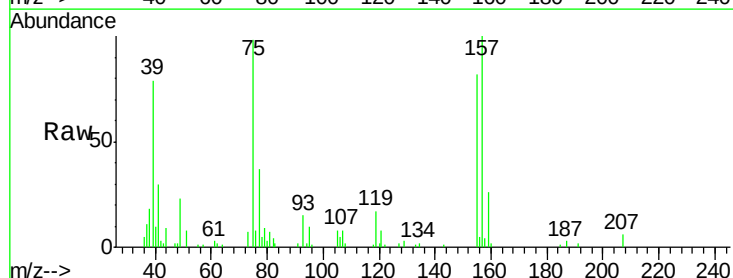
Manual Integrations
 APPROVED

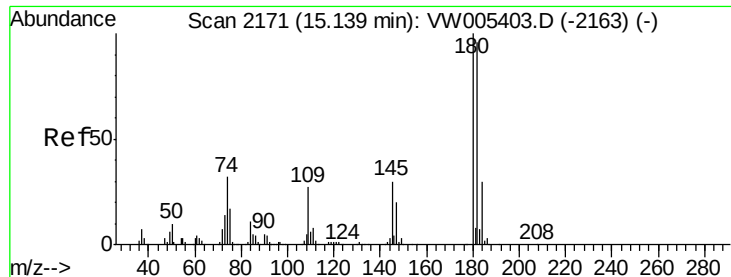
apatel
 9/19/2018 3:44:54 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.17 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW005502.D
 Acq: 19 Sep 2018 03:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.2	39.0	117.0
157	95.6	49.9	149.6





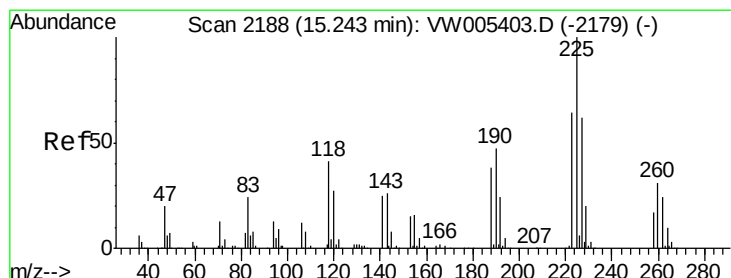
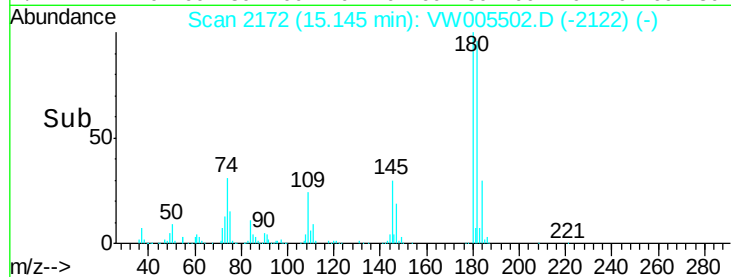
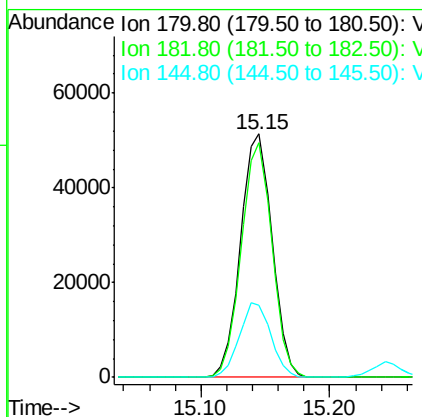
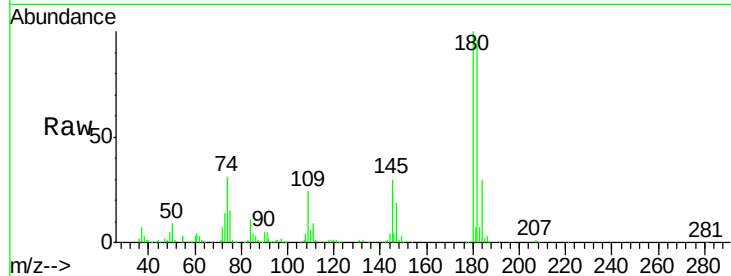
#93
 1,2,4-Trichlorobenzene
 Concen: 19.99 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW005502.D
 Acq: 19 Sep 2018 03:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	86932		
182	93.9	47.3	141.9	
145	30.4	14.8	44.3	

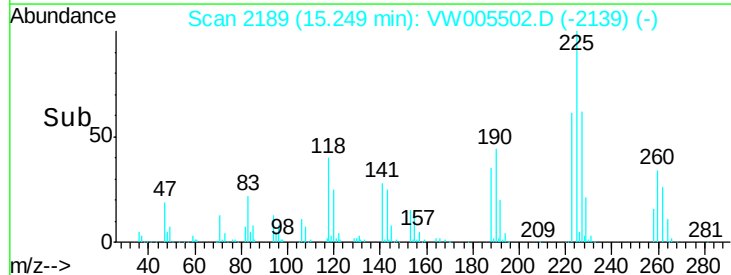
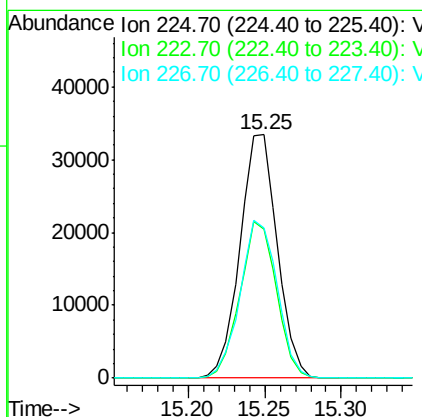
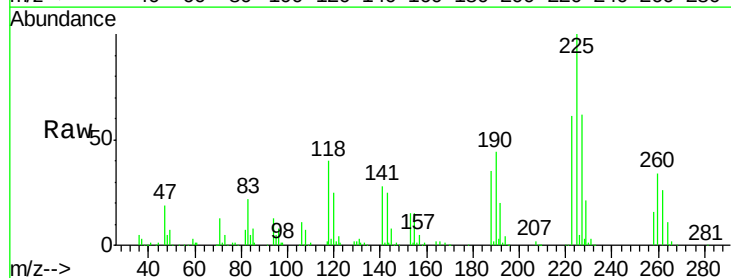
Manual Integrations
 APPROVED

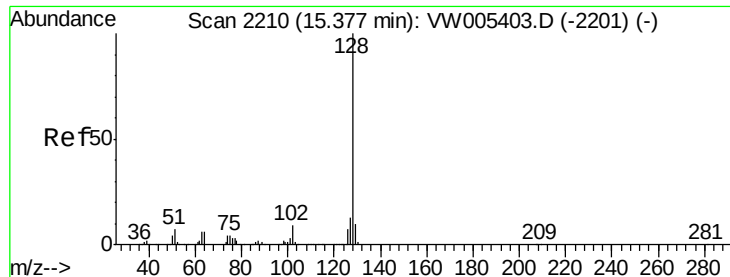
apatel
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#94
 Hexachlorobutadiene
 Concen: 19.99 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW005502.D
 Acq: 19 Sep 2018 03:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	56771		
223	62.6	31.2	93.6	
227	64.5	31.6	95.0	





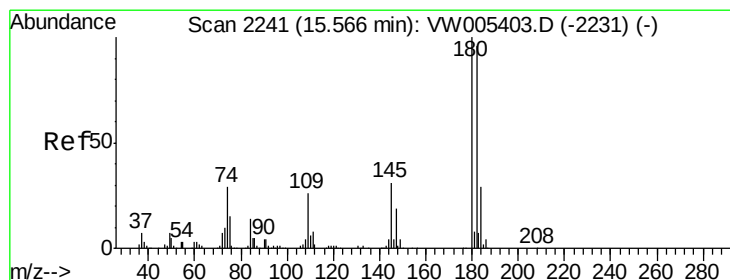
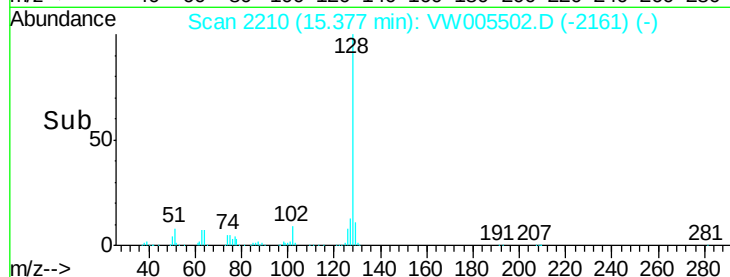
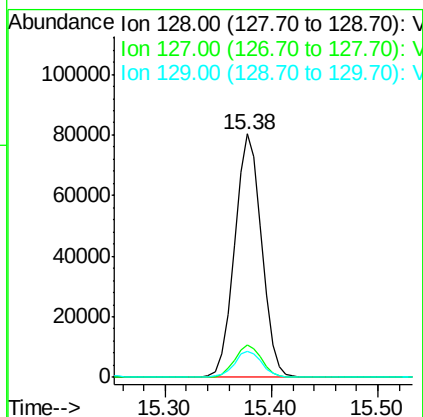
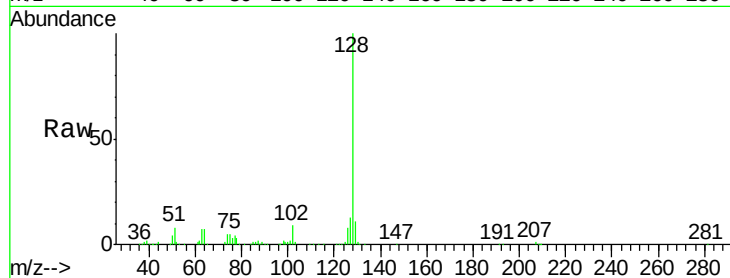
#95
Naphthalene
Concen: 19.64 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	142350		
127	13.2		11.0	16.4
129	11.0		8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.76 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	75027		
182	95.8		48.1	144.4
145	32.3		15.9	47.7

