

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072318\
 Data File : VW004149.D
 Acq On : 23 Jul 2018 20:23
 Operator : SY/AP
 Sample : J4026-07MSD
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC006-S-180716MSD

Manual Integrations
 APPROVED

apatel
 7/24/2018 11:49:55 AM

Quant Time: Jul 24 05:49:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	222181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	354466	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	328676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	159802	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	138370	55.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.42%	
35) Dibromofluoromethane	7.88	113	119326	52.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.94%	
50) Toluene-d8	10.33	98	461471	52.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.58%	
62) 4-Bromofluorobenzene	12.62	95	160614	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	56638m	45.39	ug/l	
3) Chloromethane	2.21	50	80662	49.12	ug/l	98
4) Vinyl Chloride	2.36	62	116698	51.66	ug/l	99
5) Bromomethane	2.77	94	67047	47.49	ug/l	95
6) Chloroethane	2.92	64	62318	48.56	ug/l	96
7) Trichlorofluoromethane	3.25	101	46506	49.04	ug/l	90
8) Diethyl Ether	3.67	74	64856	58.92	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	113906	52.05	ug/l	99
10) Methyl Iodide	4.26	142	162270	51.63	ug/l	99
11) Tert butyl alcohol	5.20	59	48350	282.01	ug/l	99
12) 1,1-Dichloroethene	4.03	96	115508	53.49	ug/l	98
13) Acrolein	3.89	56	28829	163.65	ug/l	97
14) Allyl chloride	4.66	41	188506	52.89	ug/l	98
15) Acrylonitrile	5.37	53	171490	304.02	ug/l	100
16) Acetone	4.13	43	183744	307.89	ug/l	99
17) Carbon Disulfide	4.37	76	362412	53.77	ug/l	98
18) Methyl Acetate	4.67	43	133905	93.47	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	254447	61.49	ug/l	99
20) Methylene Chloride	4.91	84	140253	53.83	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	128914	54.47	ug/l	96
22) Diisopropyl ether	6.31	45	429645	59.65	ug/l	96
23) Vinyl Acetate	6.26	43	885876	194.10	ug/l	100
24) 1,1-Dichloroethane	6.21	63	247290	56.26	ug/l	99
25) 2-Butanone	7.18	43	248163	309.00	ug/l	100
26) 2,2-Dichloropropane	7.17	77	117073	46.40	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	139371	54.47	ug/l	98
28) Bromochloromethane	7.51	49	97779	54.36	ug/l	97
29) Tetrahydrofuran	7.54	42	159205	318.25	ug/l	98
30) Chloroform	7.68	83	246880	56.47	ug/l	100
31) Cyclohexane	7.96	56	202740	49.21	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	182878	53.57	ug/l	99
36) 1,1-Dichloropropene	8.08	75	191828	52.60	ug/l	100
37) Ethyl Acetate	7.26	43	97869	55.64	ug/l	99
38) Carbon Tetrachloride	8.07	117	171691	50.38	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	189215	44.30	ug/l	96
40) Benzene	8.32	78	550073	54.37	ug/l	98
41) Methacrylonitrile	7.49	41	60735	62.31	ug/l	90
42) 1,2-Dichloroethane	8.40	62	171564	55.58	ug/l	100
43) Isopropyl Acetate	8.43	43	190131	57.79	ug/l	100
44) Trichloroethene	9.09	130	140664	53.63	ug/l	100
45) 1,2-Dichloropropane	9.37	63	145385	56.30	ug/l	99
46) Dibromomethane	9.46	93	76376	57.00	ug/l	99
47) Bromodichloromethane	9.65	83	182489	55.24	ug/l	98
48) Methyl methacrylate	9.44	41	99025	62.24	ug/l	98
49) 1,4-Dioxane	9.46	88	25209	1223.84	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	545585	311.26	ug/l	100
52) Toluene	10.39	92	337165	53.89	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	183507	53.12	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	206622	52.29	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	107957	57.28	ug/l	99
56) Ethyl methacrylate	10.65	69	142213	52.59	ug/l	99
57) 1,3-Dichloropropane	10.93	76	188527	57.58	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	322113	288.10	ug/l	99
59) 2-Hexanone	10.98	43	385705	312.21	ug/l	100
60) Dibromochloromethane	11.13	129	124101	56.54	ug/l	99
61) 1,2-Dibromoethane	11.24	107	103577	57.76	ug/l	99
64) Tetrachloroethene	10.87	164	152314	67.54	ug/l	98
65) Chlorobenzene	11.66	112	361637	51.74	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	130129	53.58	ug/l	99
67) Ethyl Benzene	11.74	91	635247	51.74	ug/l	99
68) m/p-Xylenes	11.84	106	482943	102.92	ug/l	99
69) o-Xylene	12.17	106	227859	52.35	ug/l	100
70) Styrene	12.19	104	383372	52.73	ug/l	100
71) Bromoform	12.35	173	76821	56.02	ug/l #	99
73) Isopropylbenzene	12.47	105	590576	52.30	ug/l	100
74) N-amyl acetate	12.28	43	135259	45.97	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	132498	60.67	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	107269m	67.62	ug/l	
77) Bromobenzene	12.75	156	146341	54.16	ug/l	97
78) n-propylbenzene	12.81	91	713690	51.52	ug/l	100
79) 2-Chlorotoluene	12.90	91	417504	53.44	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	493458	51.93	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	35436	49.41	ug/l	96
82) 4-Chlorotoluene	12.99	91	442306	52.75	ug/l	100
83) tert-Butylbenzene	13.21	119	400219	50.16	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	513361	52.51	ug/l	100
85) sec-Butylbenzene	13.39	105	564520	47.69	ug/l	100
86) p-Isopropyltoluene	13.51	119	501732	48.32	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	275128	50.98	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	274317	50.68	ug/l	100
89) n-Butylbenzene	13.83	91	451534	44.24	ug/l	100
90) Hexachloroethane	14.10	117	89578	46.80	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	253692	52.76	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	23588	60.74	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	152295	45.10	ug/l	98
94) Hexachlorobutadiene	15.24	225	62555	32.26	ug/l	98
95) Naphthalene	15.38	128	362060	58.09	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	138770	46.41	ug/l	99

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

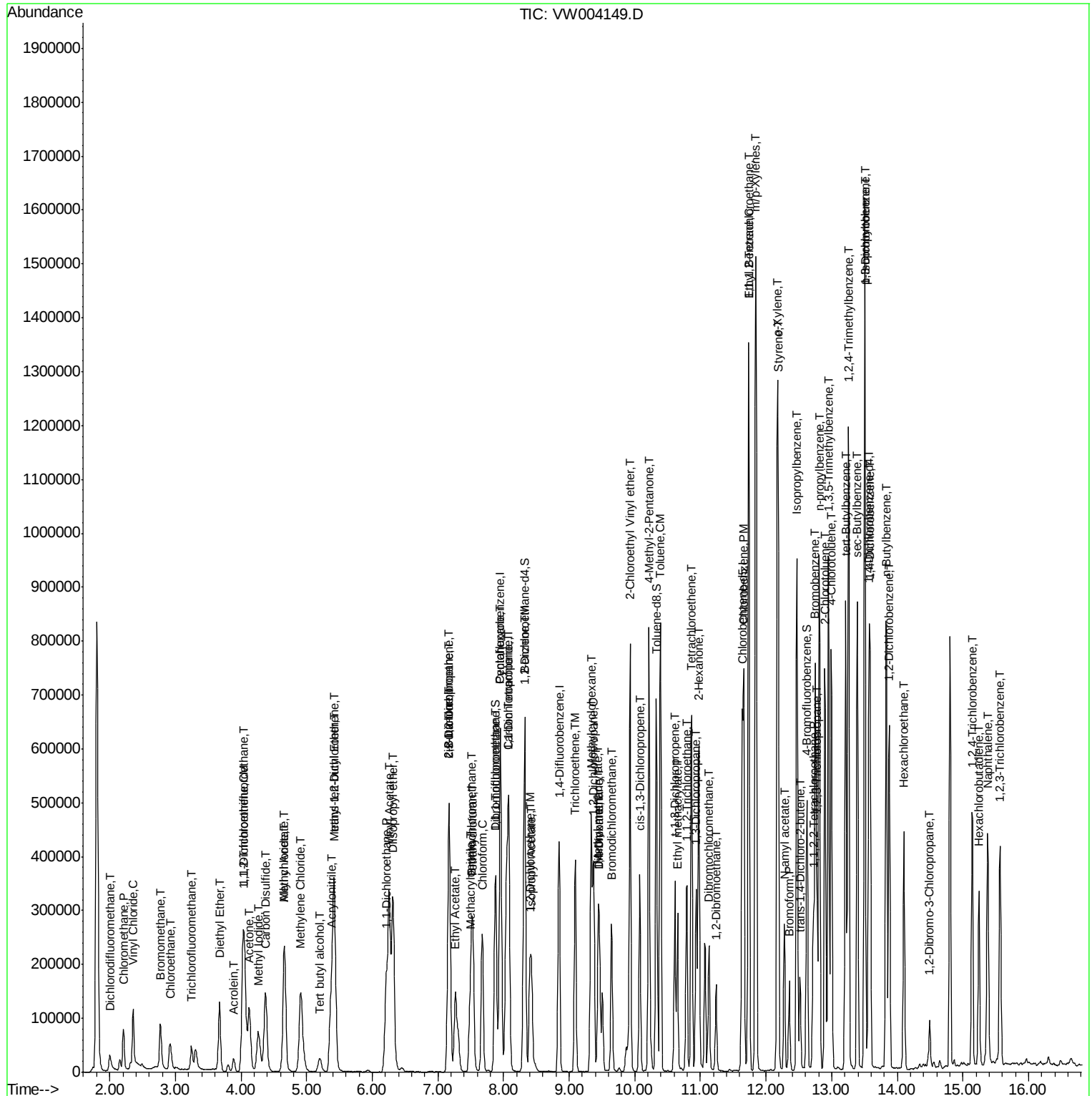
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Data File : VW004149.D
Acq On : 23 Jul 2018 20:23
Operator : SY/AP
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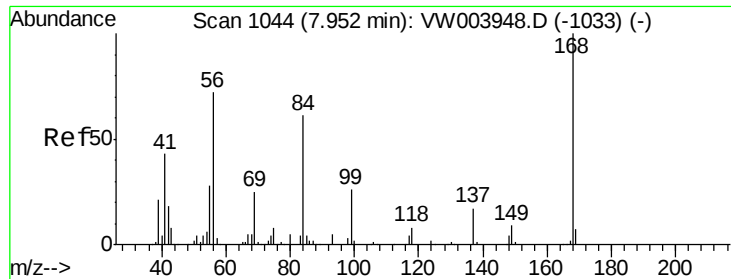
Instrument :
MSVOA_W
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Instrument :

MSVOA_W

ClientSampleId :

KY030LC006-S-180716MSD

Tot Ion:168 Resp: 222181

Ion Ratio Lower Upper

168 100

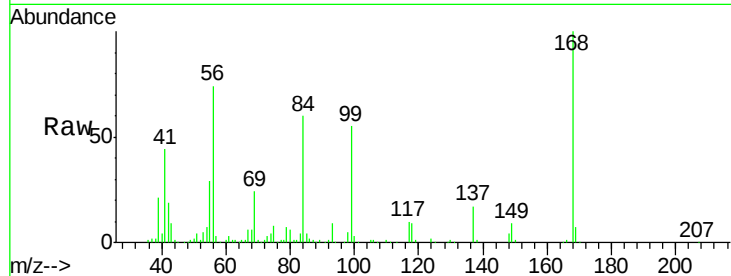
99 54.5 43.8 65.6

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

7.95

120000

100000

80000

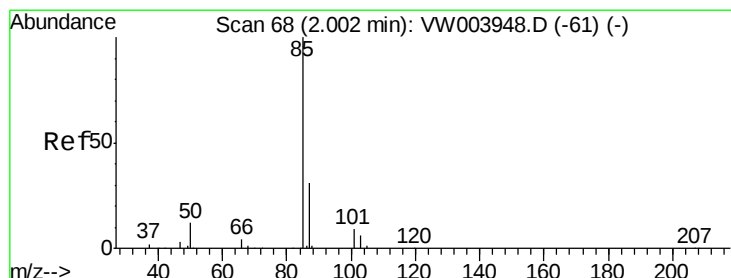
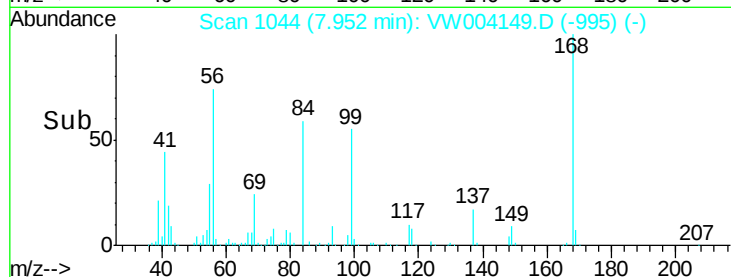
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.39 ug/l m

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW004149.D

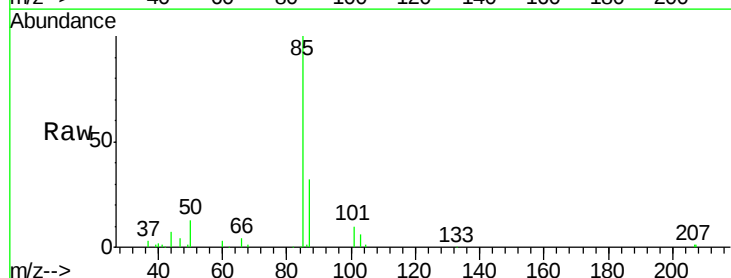
Acq: 23 Jul 2018 20:23

Tgt Ion: 85 Resp: 56638

Ion Ratio Lower Upper

85 100

87 31.9 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

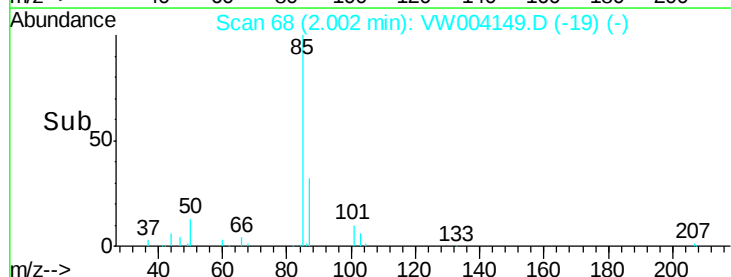
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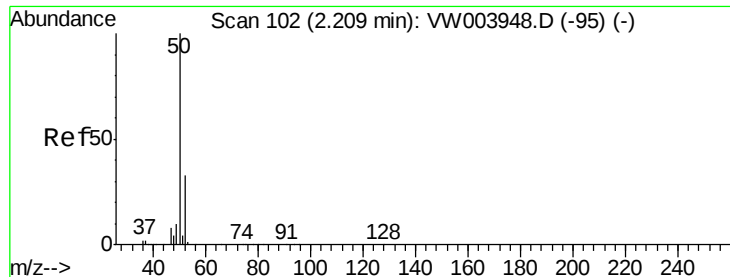
10000

5000

0

Time-->





#3

Chloromethane

Concen: 49.12 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Instrument :

MSVOA_W

ClientSampleId :

KY030LC006-S-180716MSD

Tot Ion: 50 Resp: 80662

Ion Ratio Lower Upper

50 100

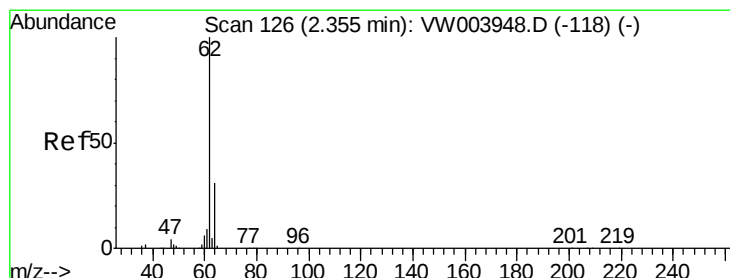
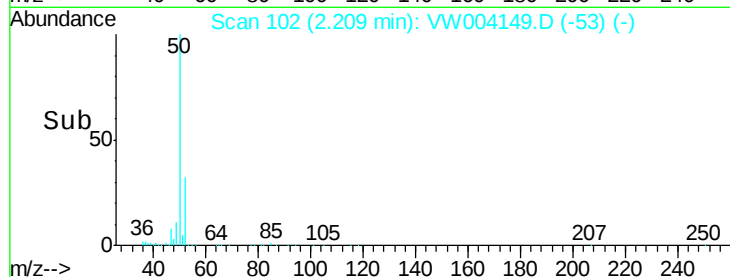
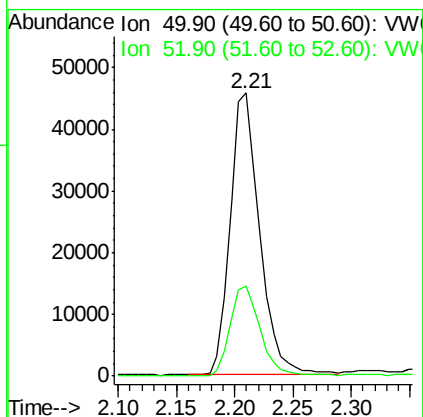
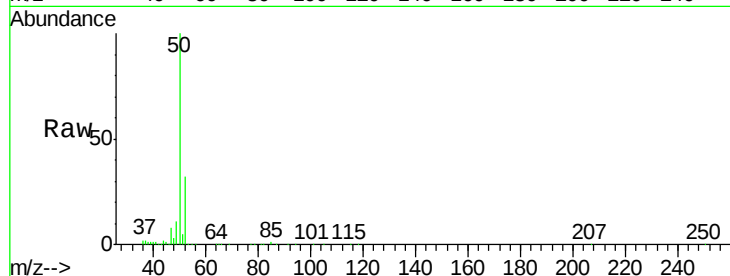
52 31.7 26.3 39.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 51.66 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW004149.D

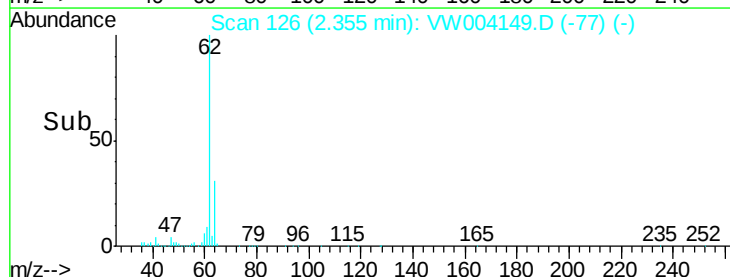
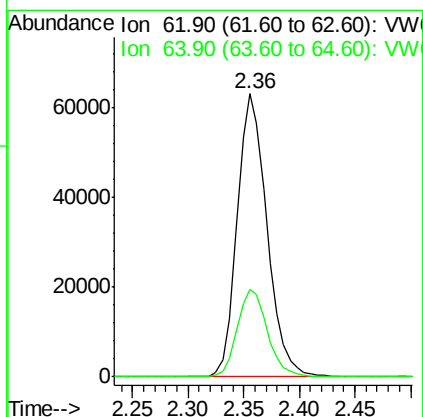
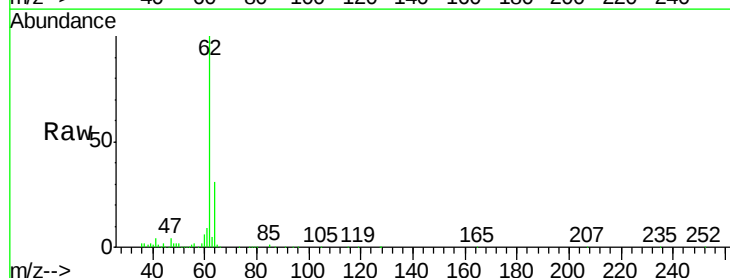
Acq: 23 Jul 2018 20:23

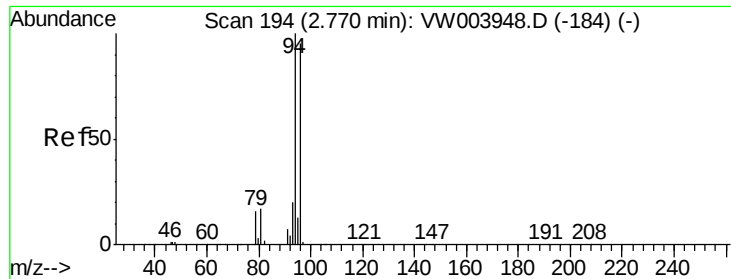
Tgt Ion: 62 Resp: 116698

Ion Ratio Lower Upper

62 100

64 30.9 25.0 37.6





#5

Bromomethane

Concen: 47.49 ug/l

RT: 2.77 min Scan# 194

Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

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Tot Ion: 94 Resp: 67047

Ion Ratio Lower Upper

94 100

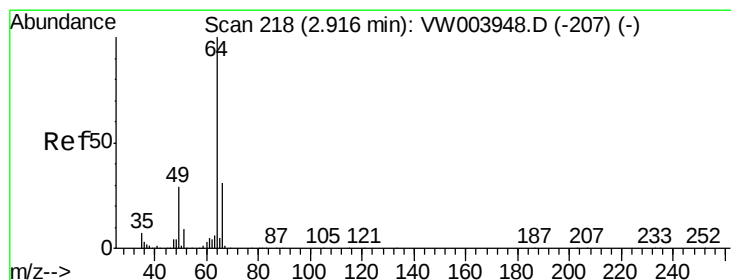
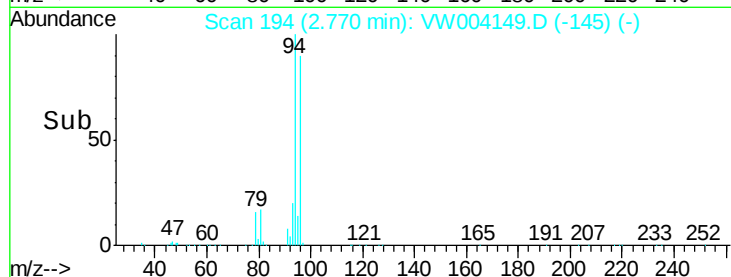
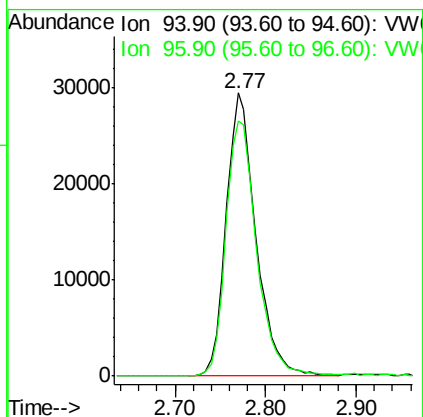
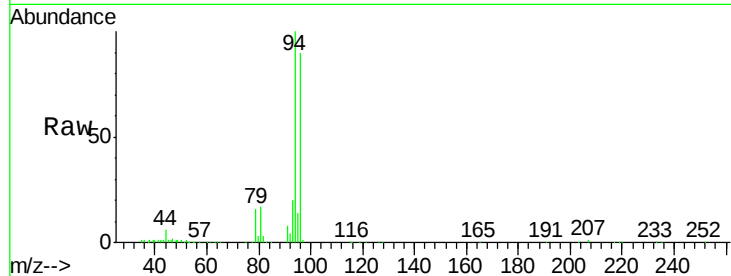
96 89.9 75.8 113.6

Manual Integrations

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#6

Chloroethane

Concen: 48.56 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.01 min

Lab File: VW004149.D

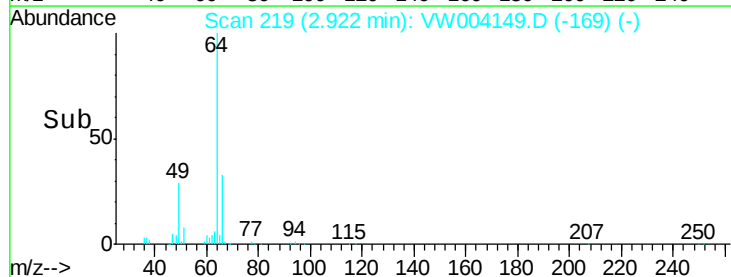
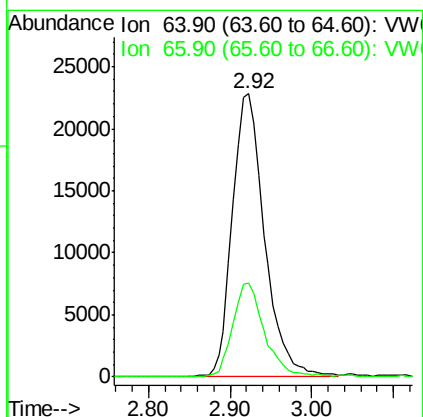
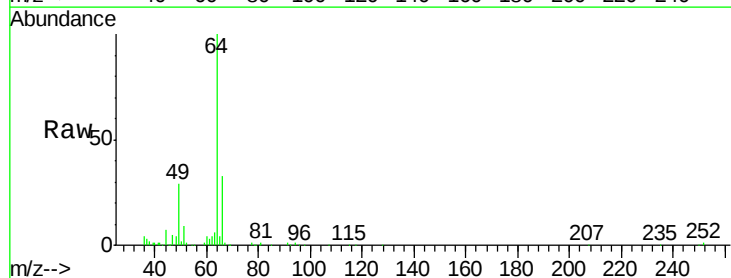
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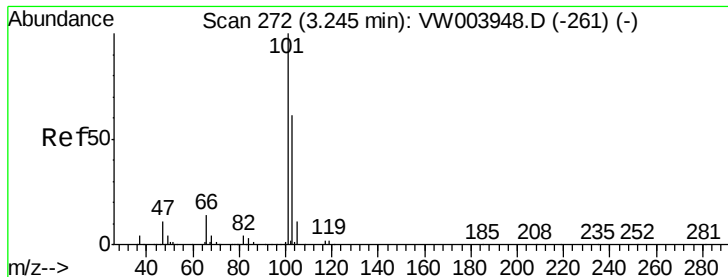
Tgt Ion: 64 Resp: 62318

Ion Ratio Lower Upper

64 100

66 33.1 24.5 36.7





#7

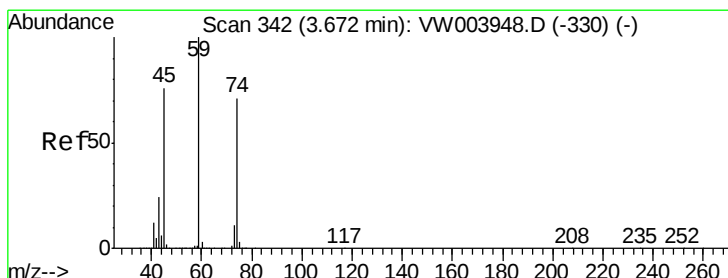
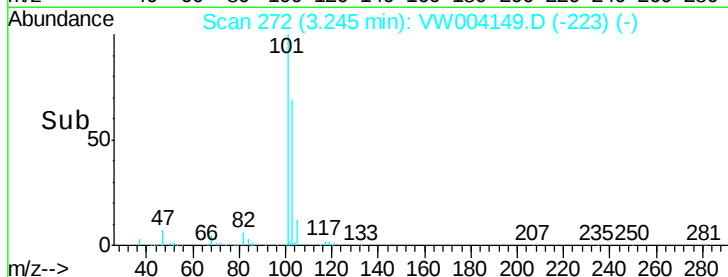
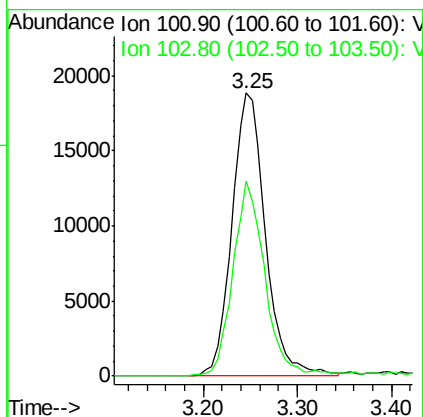
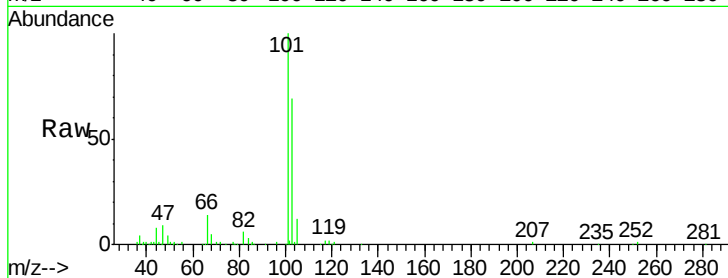
Trichlorofluoromethane
 Concen: 49.04 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. 0.00 min
 Lab File: VW004149.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	69.1	49.0	73.6

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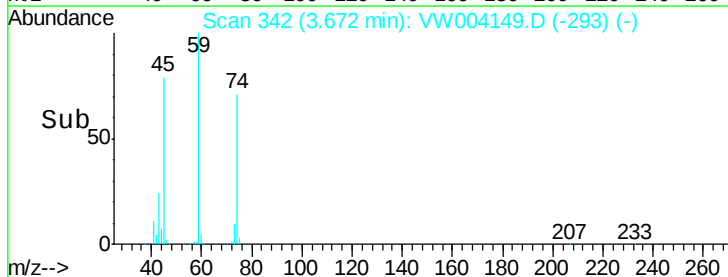
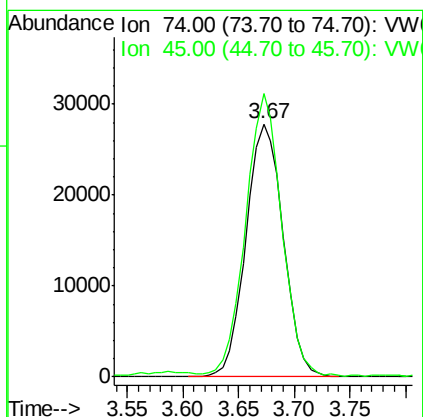
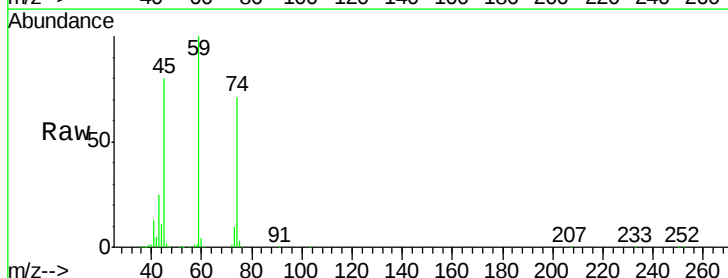
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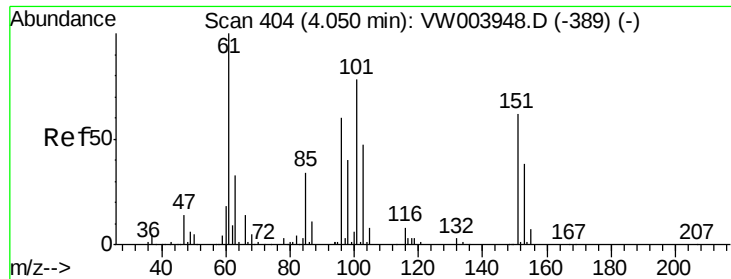


#8

Diethyl Ether
 Concen: 58.92 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VW004149.D
 Acq: 23 Jul 2018 20:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	108.4	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.05 ug/l

RT: 4.05 min Scan# 404

Delta R.T. 0.00 min

Lab File: VW004149.D

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Instrument :

MSVOA_W

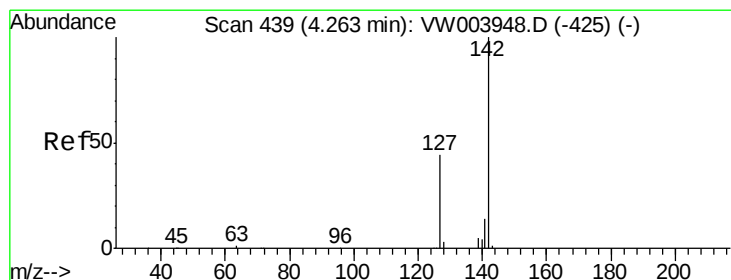
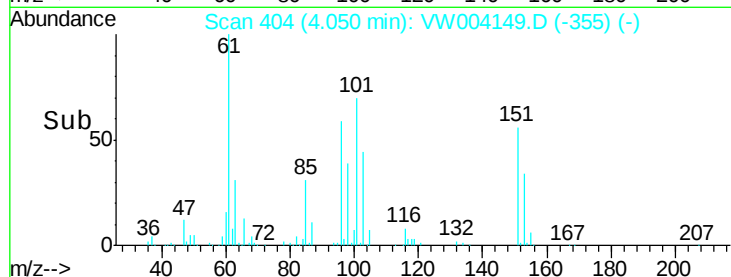
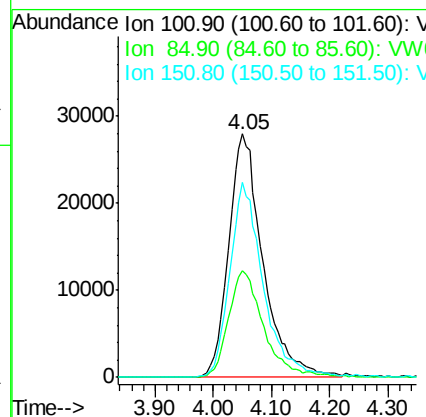
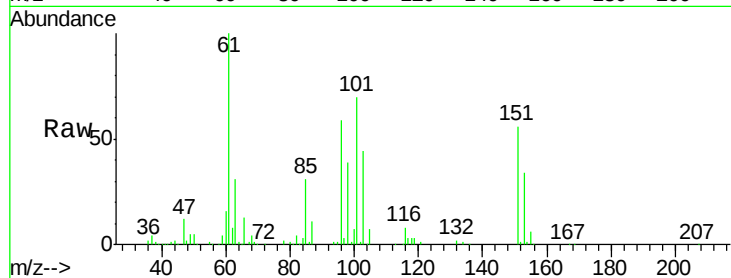
ClientSampleId :

KY030LC006-S-180716MSD

Tot Ion:	101	Resp:	113906
Ion Ratio	Lower	Upper	
101	100		
85	45.0	35.8	53.6
151	78.3	63.6	95.4

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#10

Methyl Iodide

Concen: 51.63 ug/l

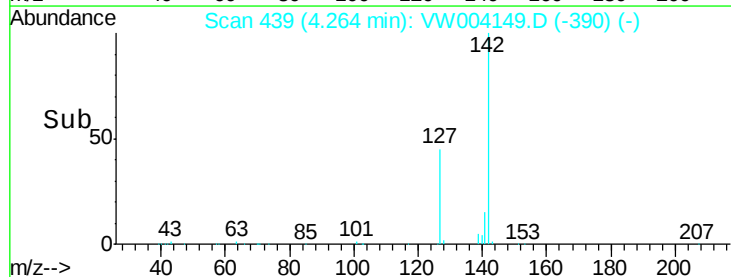
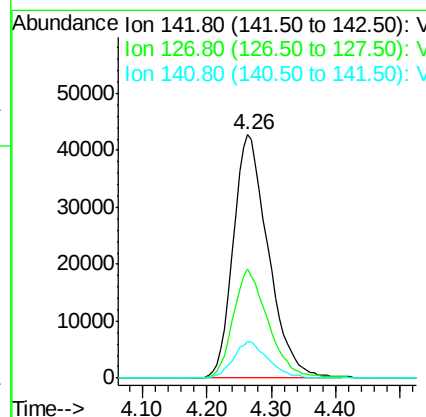
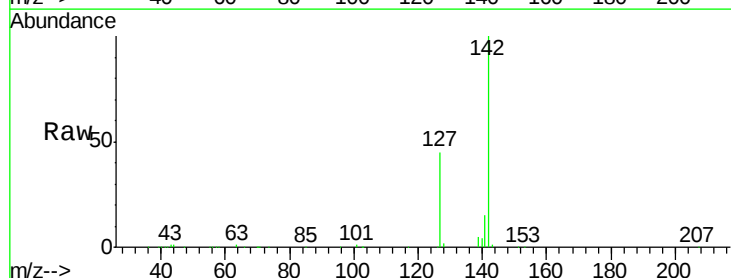
RT: 4.26 min Scan# 439

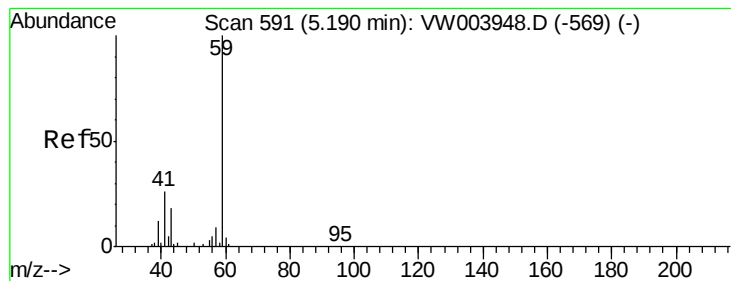
Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Tgt Ion:	142	Resp:	162270
Ion Ratio	Lower	Upper	
142	100		
127	44.7	35.4	53.2
141	14.8	11.7	17.5





#11

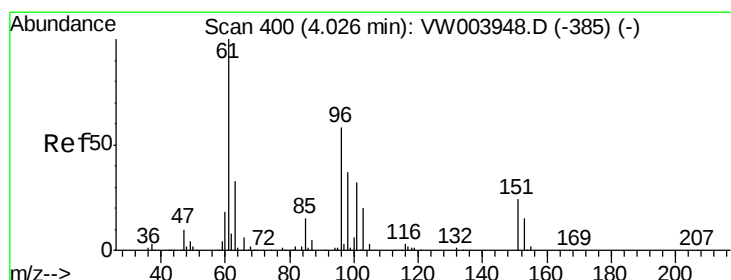
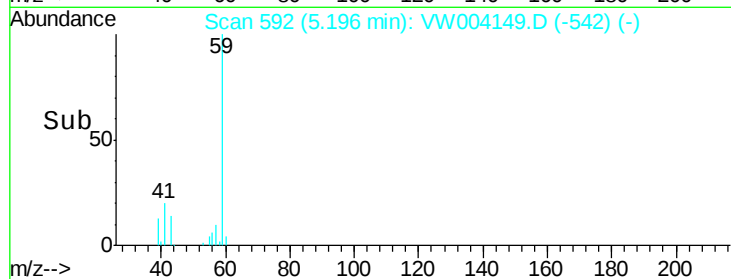
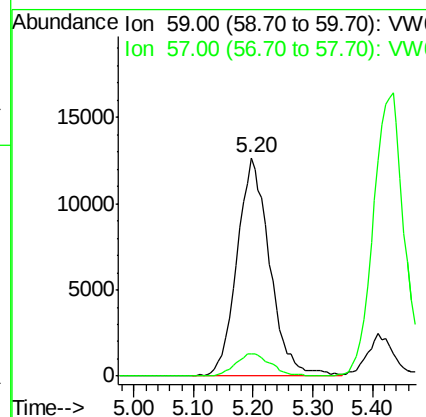
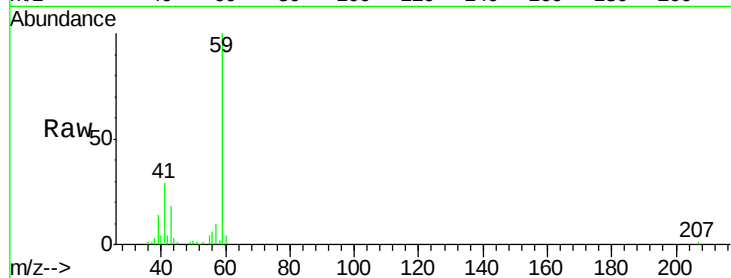
Tert butyl alcohol
 Concen: 282.01 ug/l
 RT: 5.20 min Scan# 592
 Delta R.T. 0.01 min
 Lab File: VW004149.D
 Acq: 23 Jul 2018 20:23

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC006-S-180716MSD

Tot Ion	59	Resp	48350
Ion Ratio	100	Lower	Upper
57	11.0	8.5	12.7

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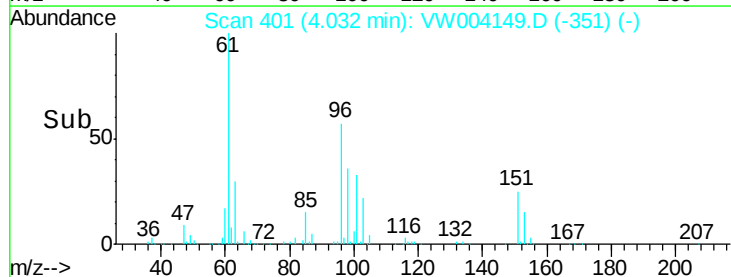
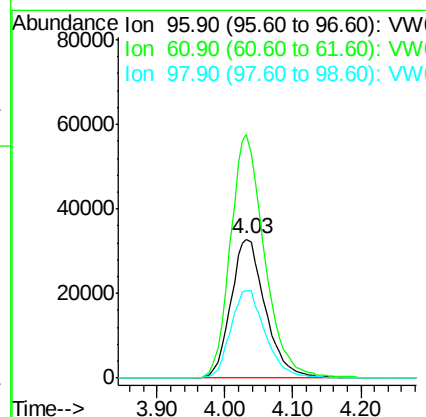
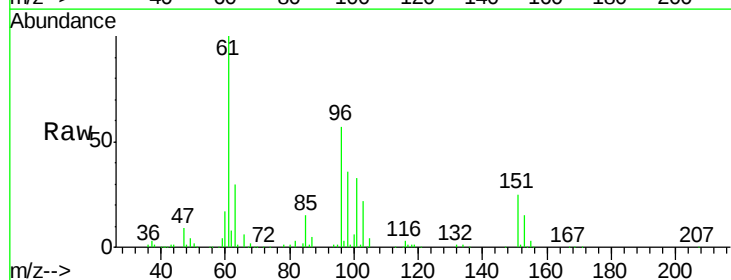
apatel
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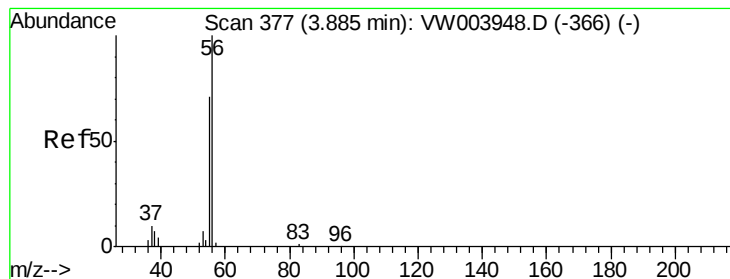


#12

1,1-Dichloroethene
 Concen: 53.49 ug/l
 RT: 4.03 min Scan# 401
 Delta R.T. 0.01 min
 Lab File: VW004149.D
 Acq: 23 Jul 2018 20:23

Tgt Ion	96	Resp	115508
Ion Ratio	100	Lower	Upper
61	175.3	137.0	205.6
98	62.8	50.2	75.4





#13

Acrolein

Concen: 163.65 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Instrument :

MSVOA_W

ClientSampleId :

KY030LC006-S-180716MSD

Tot Ion: 56 Resp: 28829

Ion Ratio Lower Upper

56 100

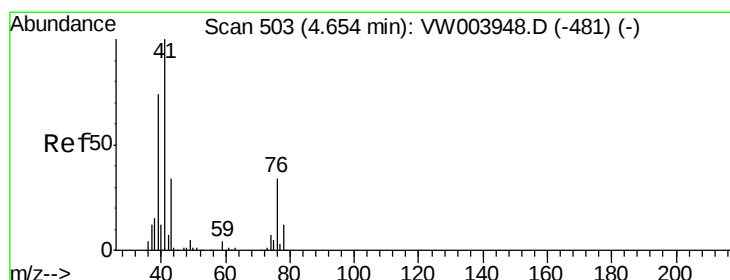
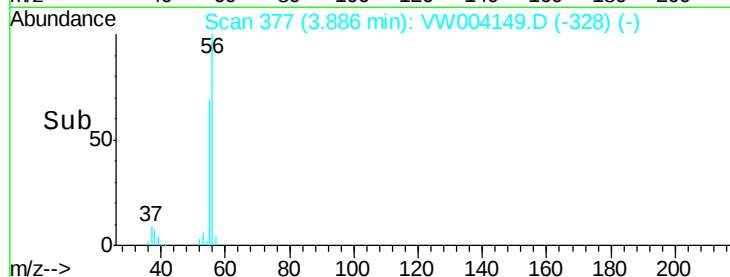
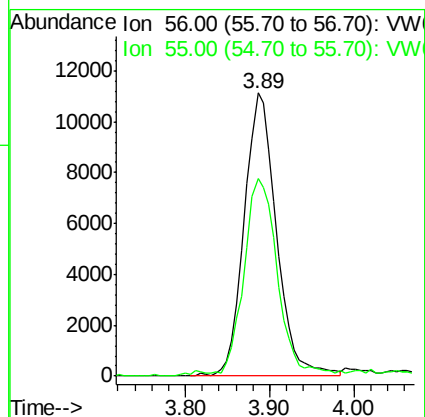
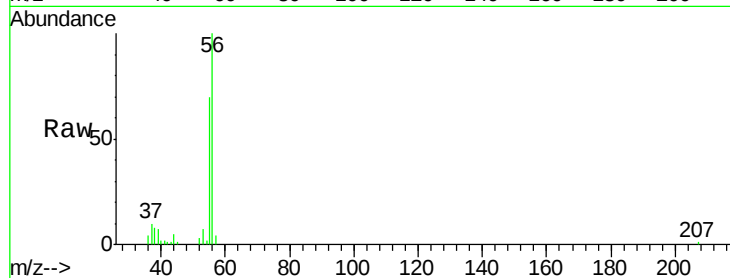
55 70.6 58.2 87.4

Manual Integrations

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#14

Allyl chloride

Concen: 52.89 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.01 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

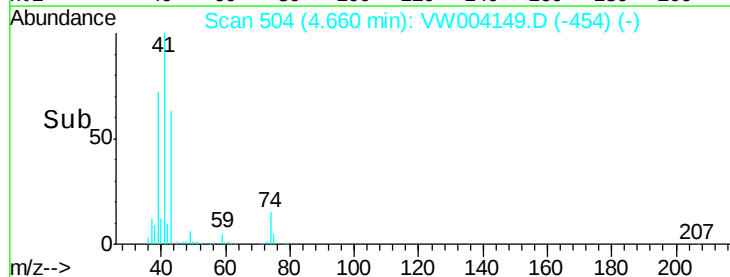
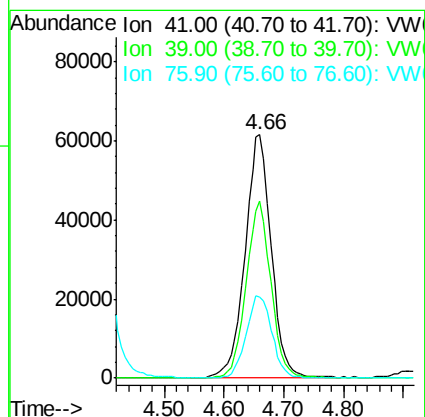
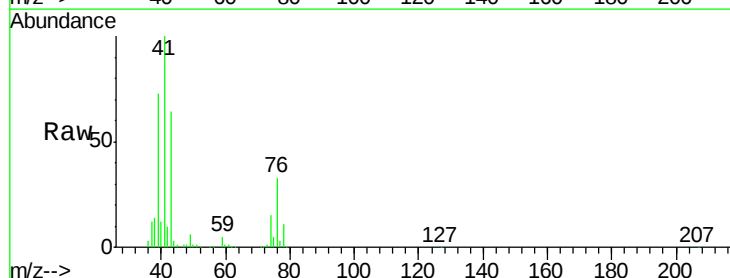
Tgt Ion: 41 Resp: 188506

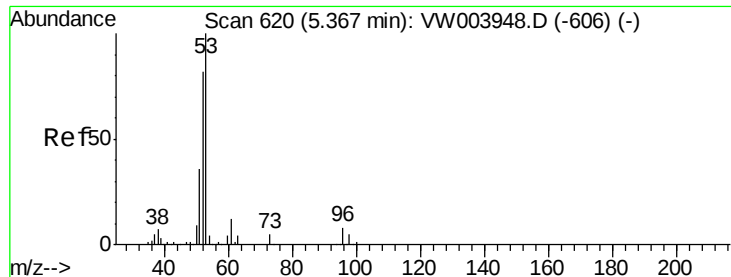
Ion Ratio Lower Upper

41 100

39 68.7 57.0 85.4

76 32.9 26.5 39.7





#15

Acrylonitrile

Concen: 304.02 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.01 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Instrument :

MSVOA_W

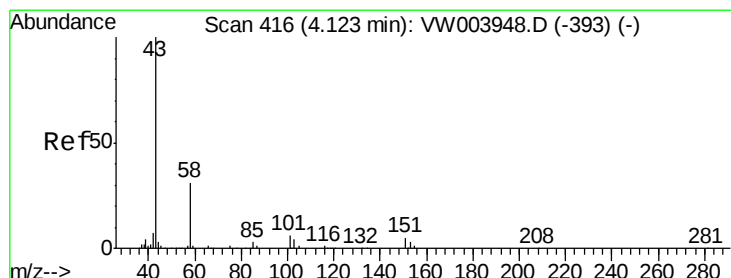
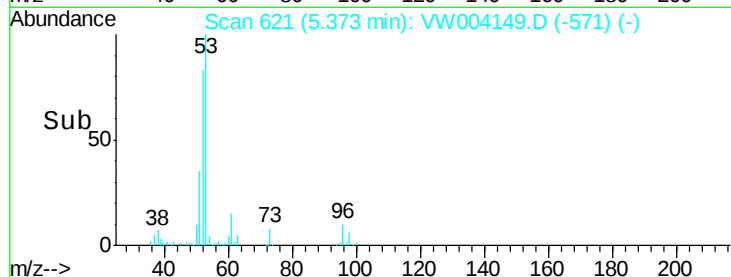
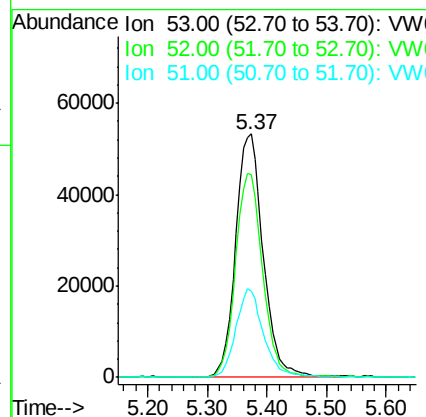
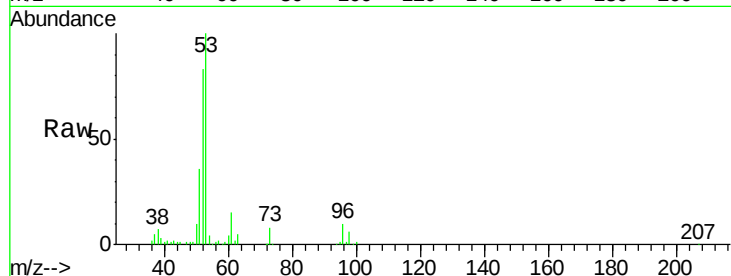
ClientSampleId :

KY030LC006-S-180716MSD

Tot Ion:	53	Resp:	171490
Ion Ratio		Lower	Upper
53	100		
52	82.3	66.1	99.1
51	36.6	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 307.89 ug/l

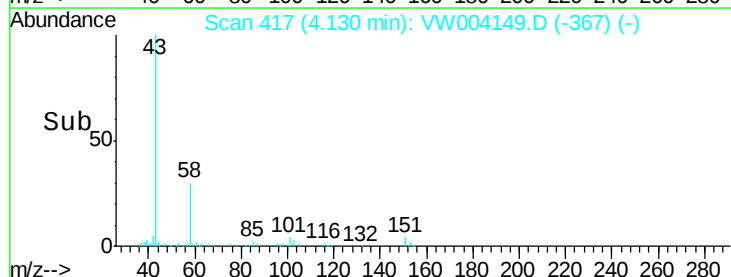
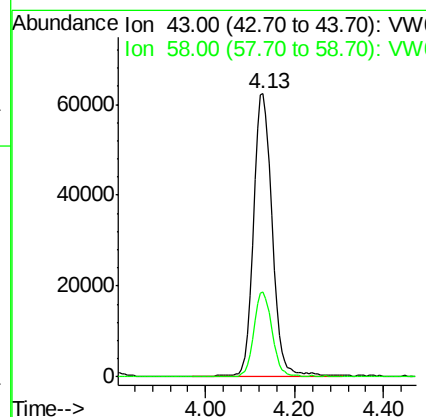
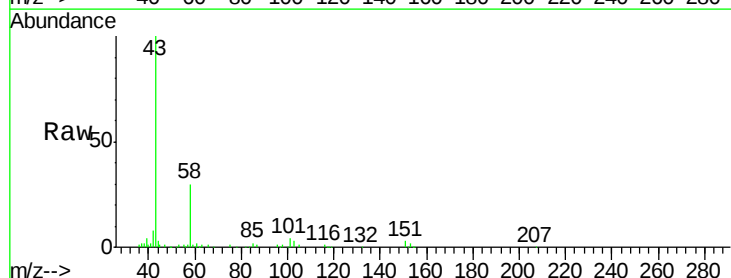
RT: 4.13 min Scan# 417

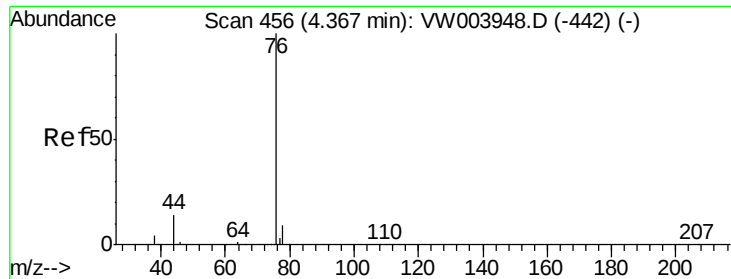
Delta R.T. 0.01 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Tgt Ion:	43	Resp:	183744
Ion Ratio		Lower	Upper
43	100		
58	30.0	24.5	36.7





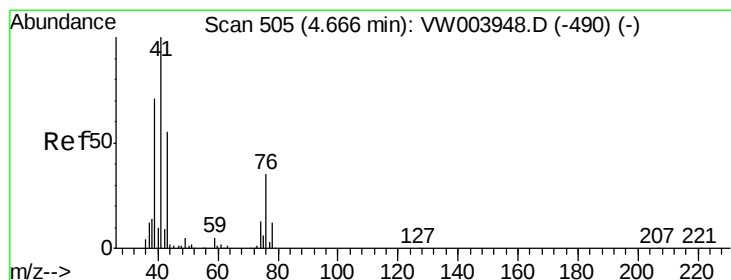
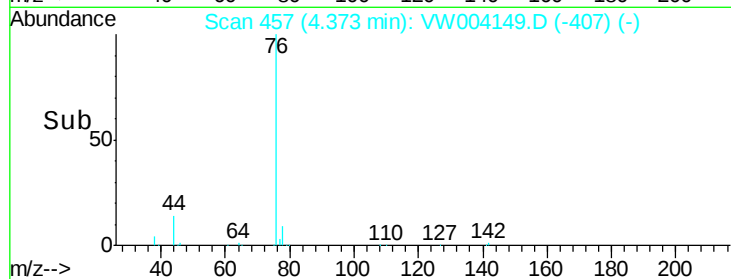
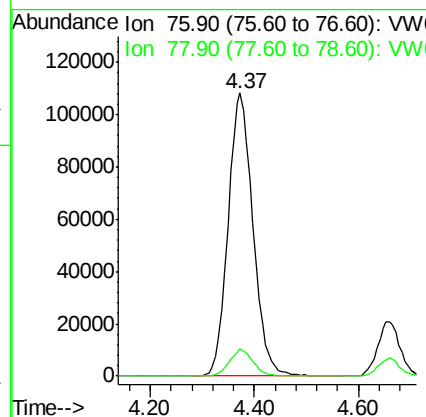
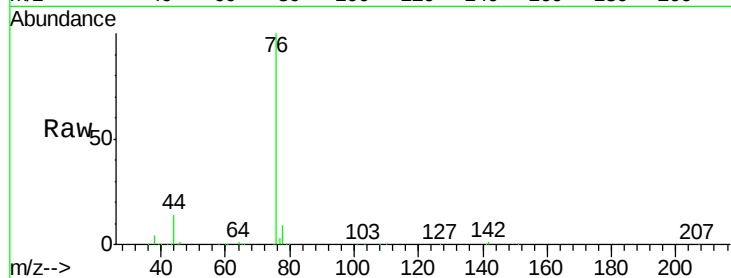
#17
Carbon Disulfide
Concen: 53.77 ug/l
RT: 4.37 min Scan# 457
Delta R.T. 0.01 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Instrument :
MSVOA_W
ClientSampleId :
KY030LC006-S-180716MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.1	10.7

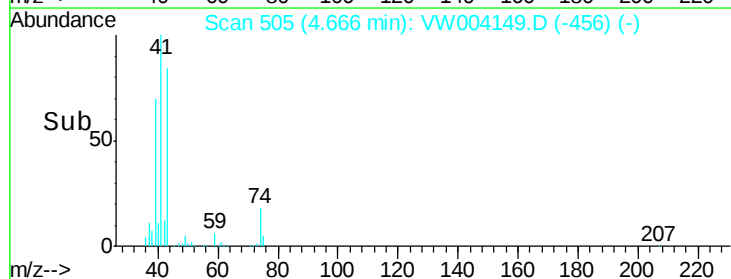
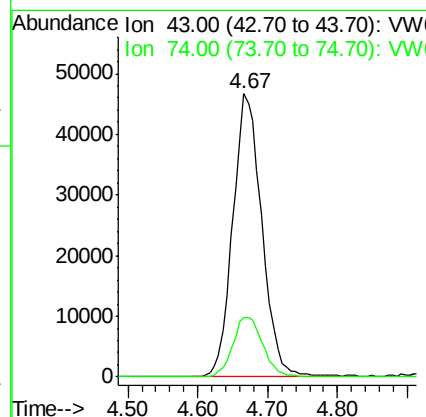
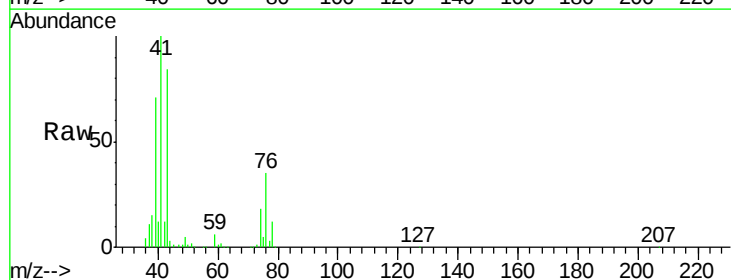
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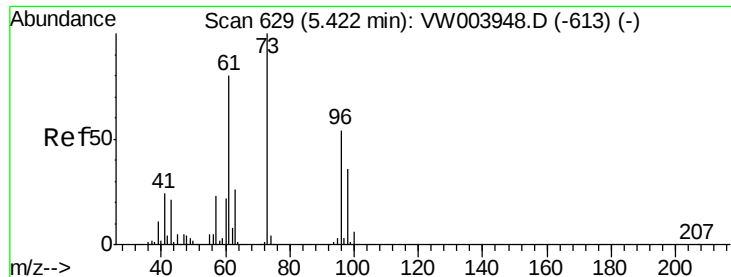
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#18
Methyl Acetate
Concen: 93.47 ug/l
RT: 4.67 min Scan# 505
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.9	17.7	26.5





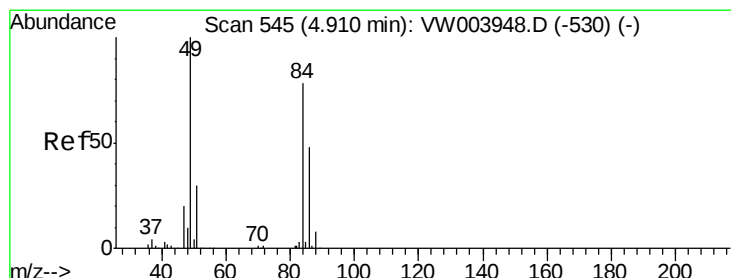
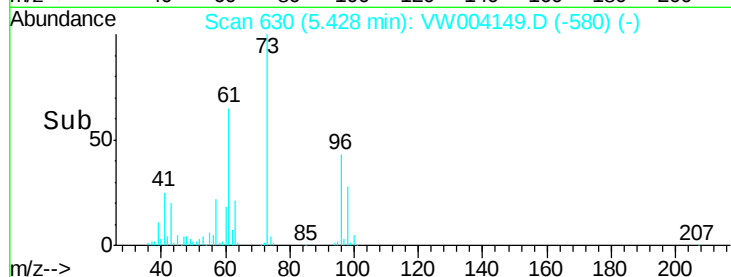
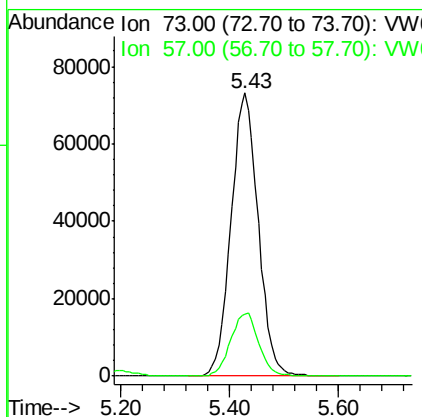
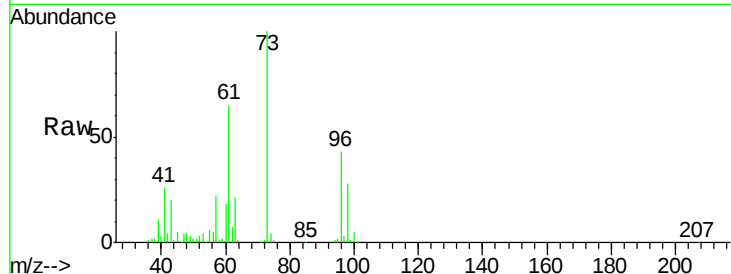
#19
Methvl tert-butvl Ether
Concen: 61.49 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.01 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Instrument :
MSVOA_W
ClientSampleId :
KY030LC006-S-180716MSD

Tot Ion: 73 Resp: 254447
Ion Ratio Lower Upper
73 100
57 22.1 18.2 27.4

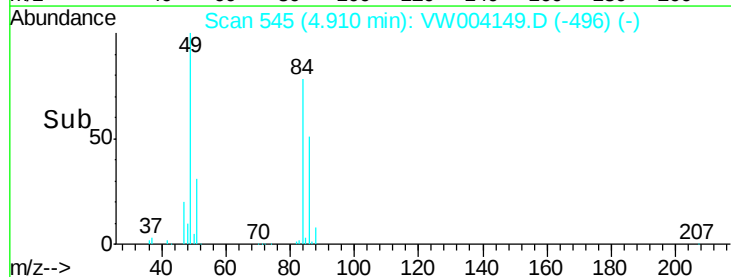
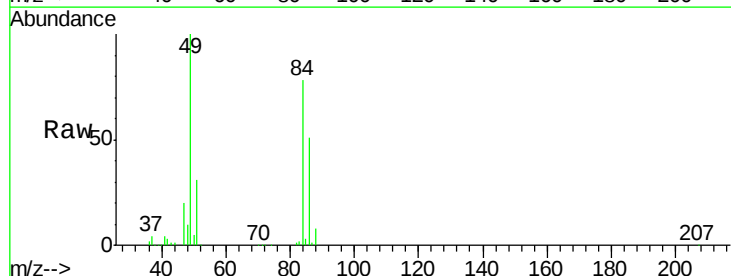
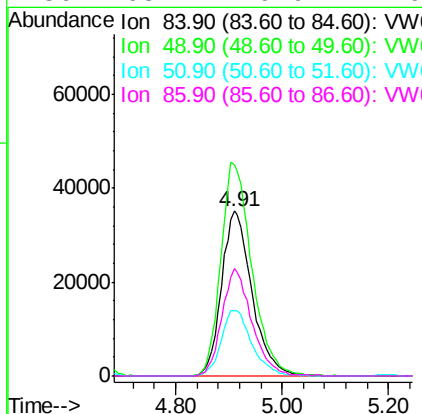
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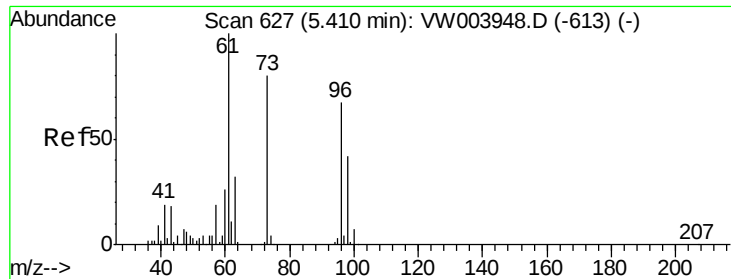
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#20
Methylene Chloride
Concen: 53.83 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Tgt Ion: 84 Resp: 140253
Ion Ratio Lower Upper
84 100
49 128.6 102.9 154.3
51 39.6 30.9 46.3
86 65.7 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 54.47 ug/l

RT: 5.41 min Scan# 627

Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Instrument :

MSVOA_W

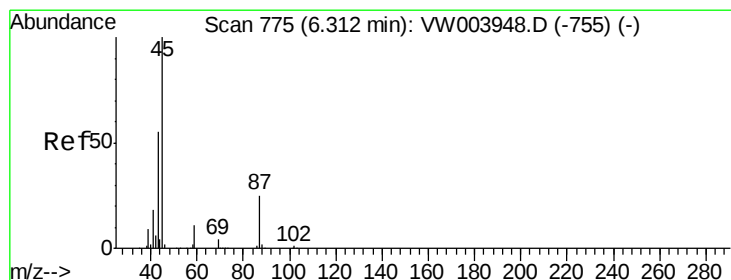
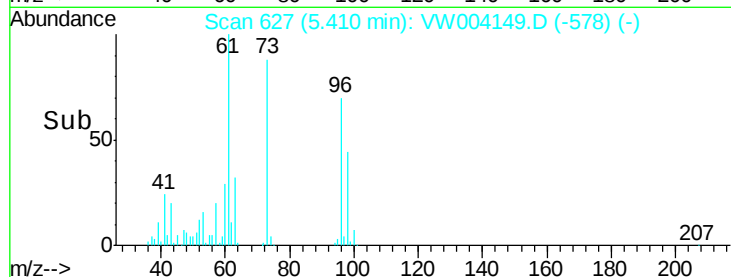
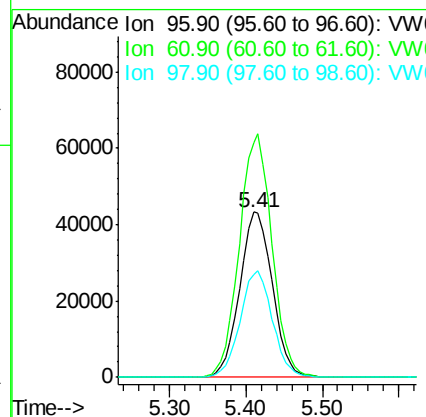
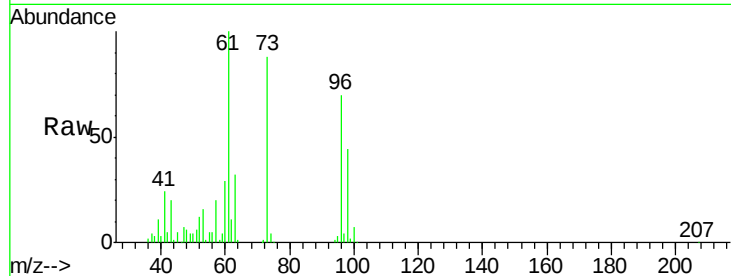
ClientSampleId :

KY030LC006-S-180716MSD

Tot Ion:	96	Resp:	128914
Ion	Ratio	Lower	Upper
96	100		
61	141.8	119.0	178.4
98	62.0	49.9	74.9

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#22

Diisopropyl ether

Concen: 59.65 ug/l

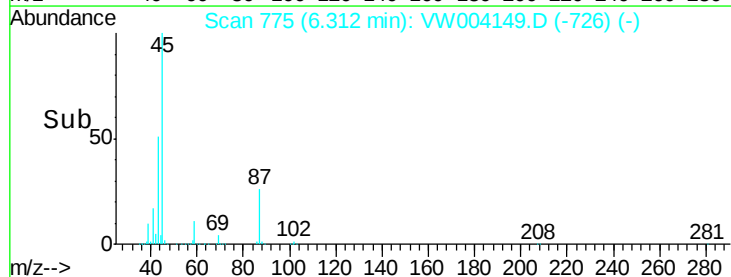
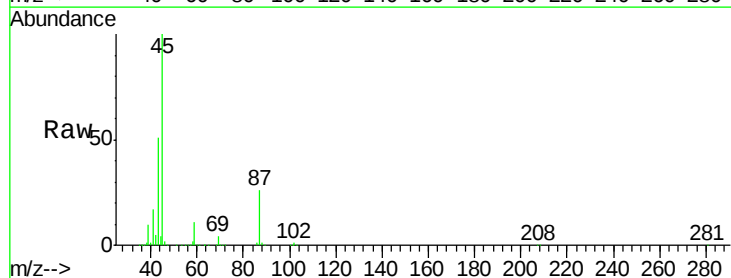
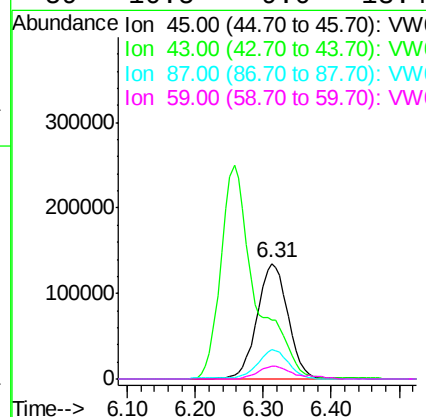
RT: 6.31 min Scan# 775

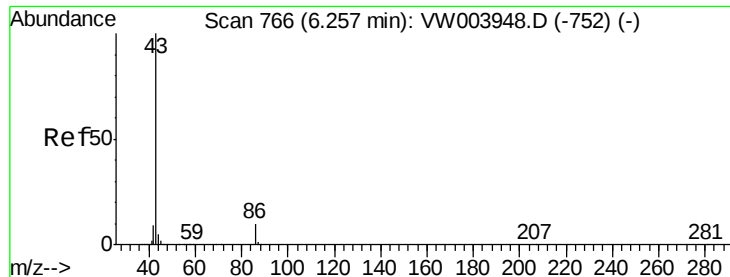
Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Tgt Ion:	45	Resp:	429645
Ion	Ratio	Lower	Upper
45	100		
43	50.9	44.3	66.5
87	25.4	20.2	30.4
59	10.5	9.0	13.4





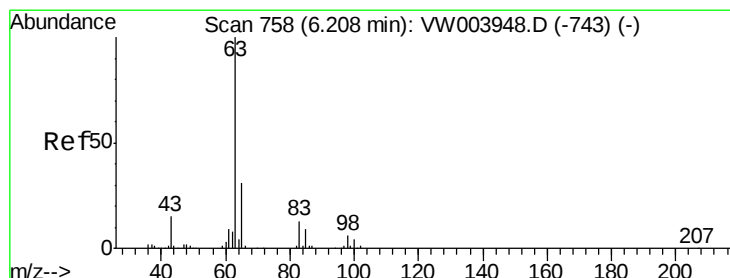
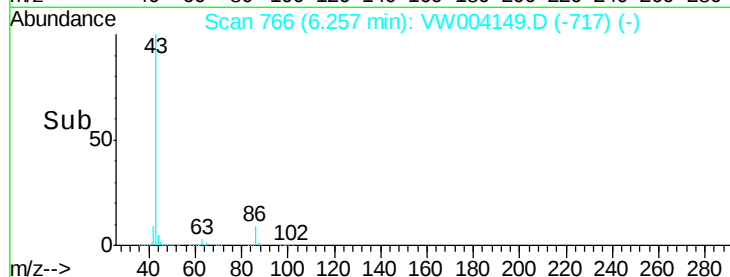
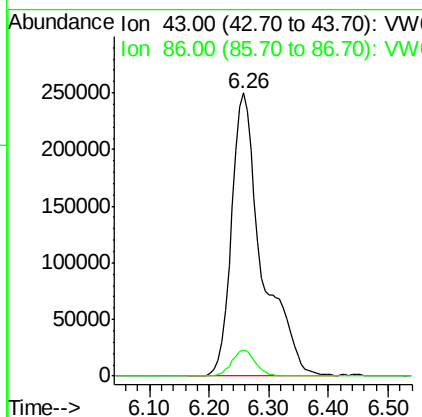
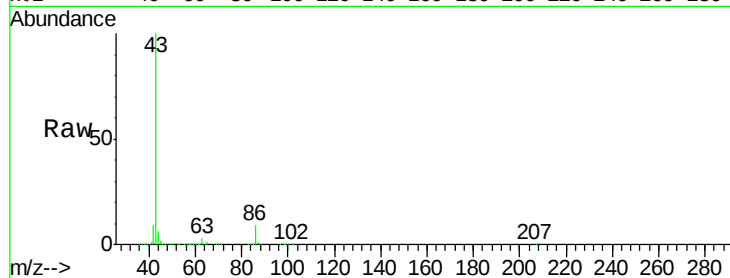
#23
 Vinyl Acetate
 Concen: 194.10 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: VW004149.D
 Acq: 23 Jul 2018 20:23

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC006-S-180716MSD

Tot Ion	Ratio	Lower	Upper
43	100		
86	9.4	7.6	11.4

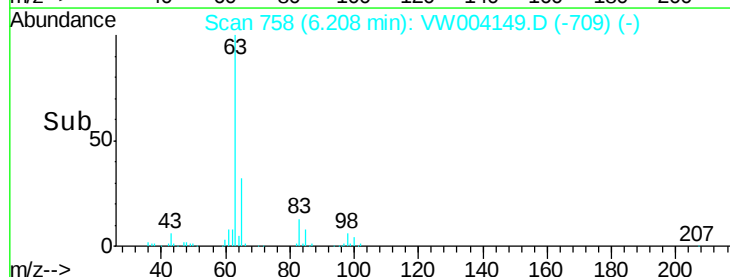
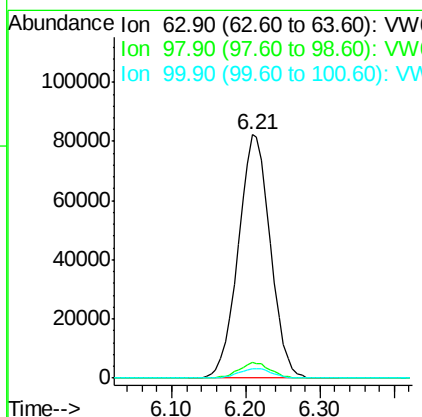
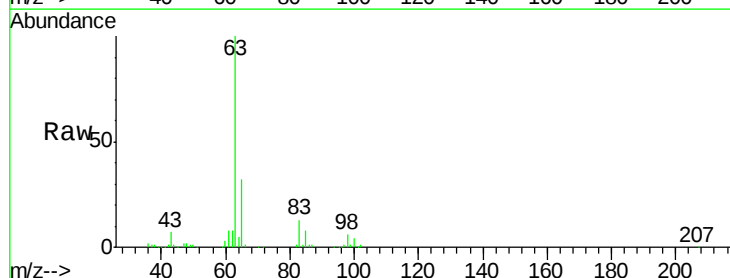
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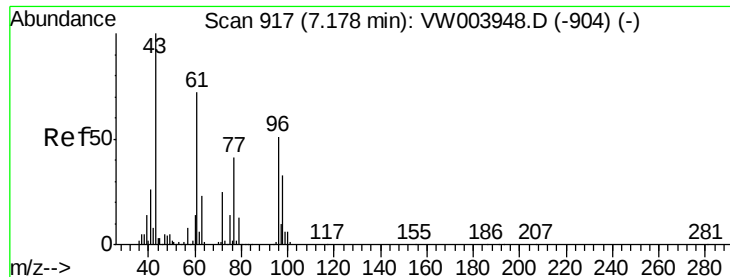
apatel
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#24
 1,1-Dichloroethane
 Concen: 56.26 ug/l
 RT: 6.21 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: VW004149.D
 Acq: 23 Jul 2018 20:23

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.1	9.4
100	3.7	2.1	6.5





#25

2-Butanone

Concen: 309.00 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Tot Ion: 43 Resp: 248163

Ion Ratio Lower Upper

43 100

72 24.7 19.8 29.6

Instrument :

MSVOA_W

ClientSampleId :

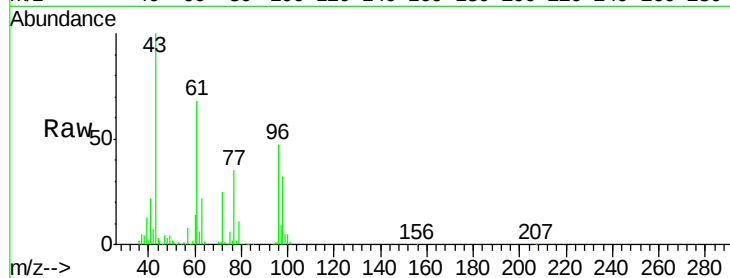
KY030LC006-S-180716MSD

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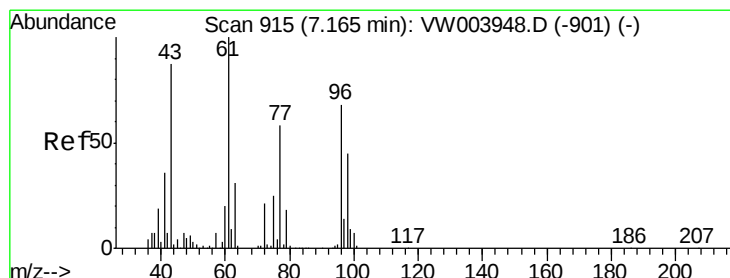
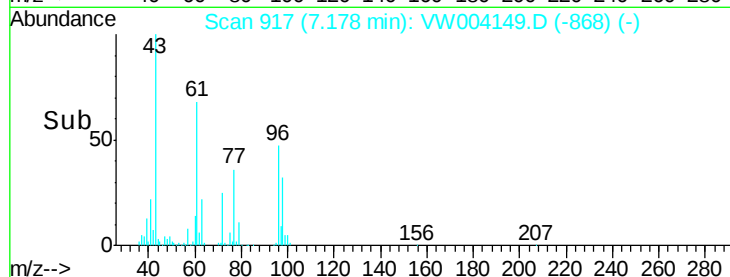
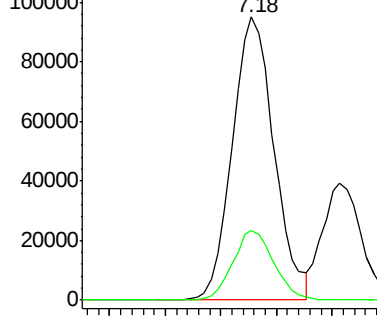
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 46.40 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW004149.D

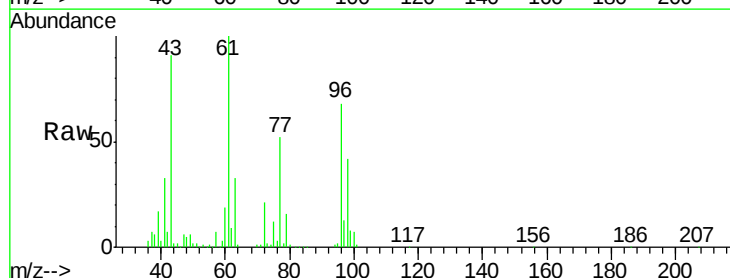
Acq: 23 Jul 2018 20:23

Tgt Ion: 77 Resp: 117073

Ion Ratio Lower Upper

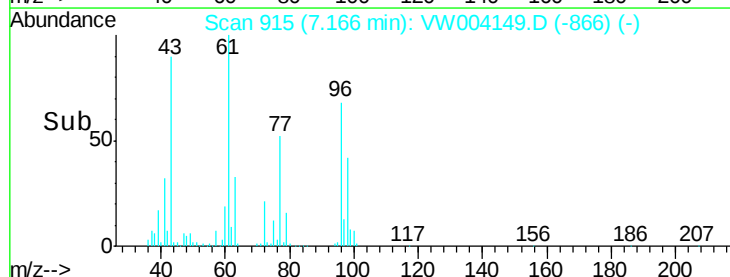
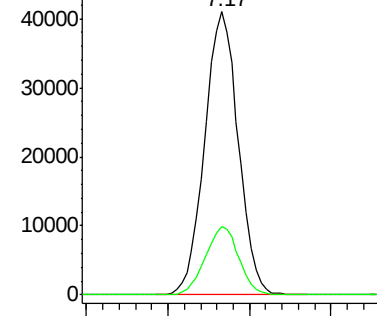
77 100

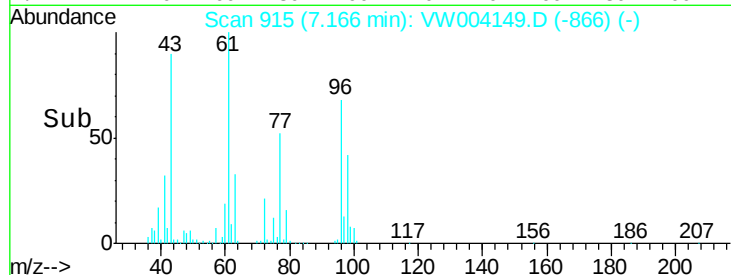
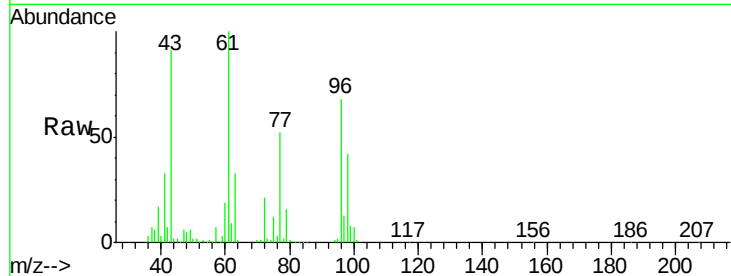
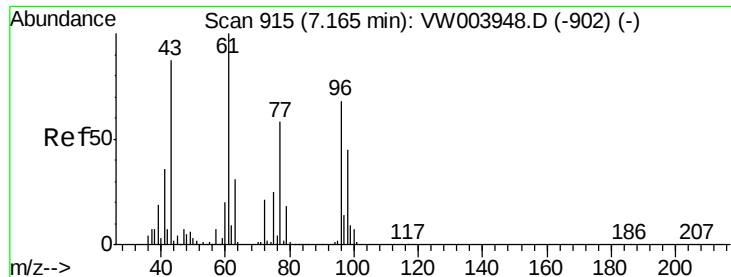
97 24.0 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW





#27

cis-1,2-Dichloroethene

Concen: 54.47 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW004149.D

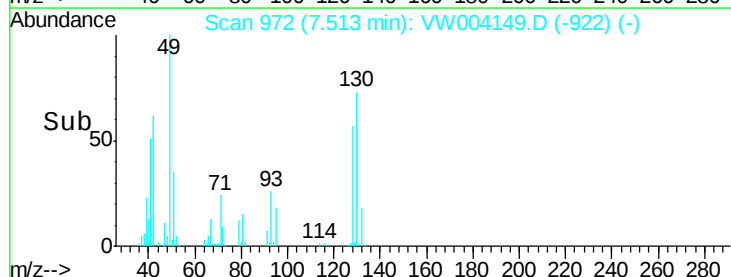
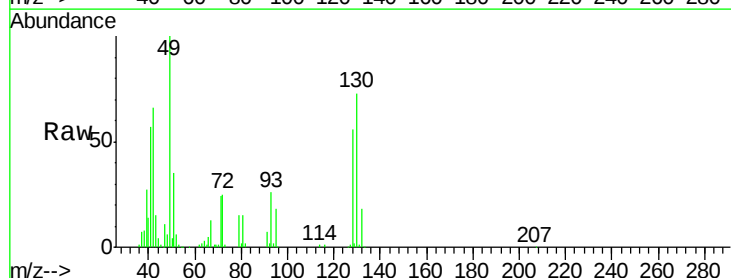
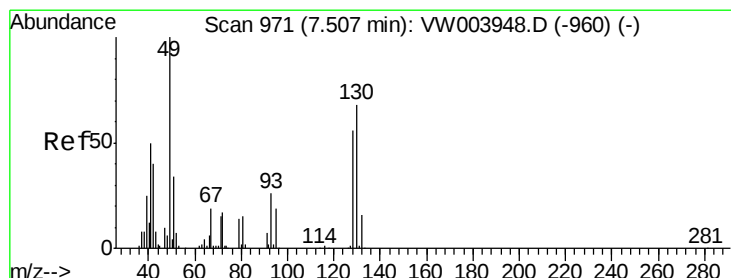
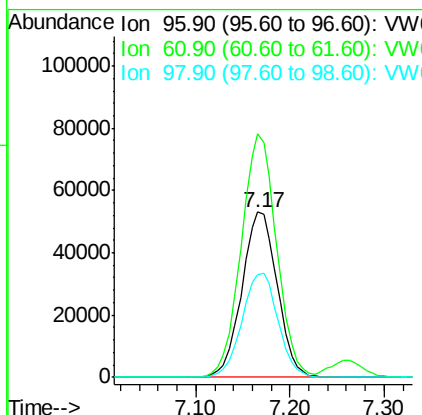
Acq: 23 Jul 2018 20:23

Tot Ion:	96	Resp:	139371
Ion Ratio	Lower	Upper	
96	100		
61	147.1	0.0	298.6
98	64.2	0.0	130.4

Instrument :
MSVOA_W
ClientSampleId :
KY030LC006-S-180716MSD

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#28

Bromochloromethane

Concen: 54.36 ug/l

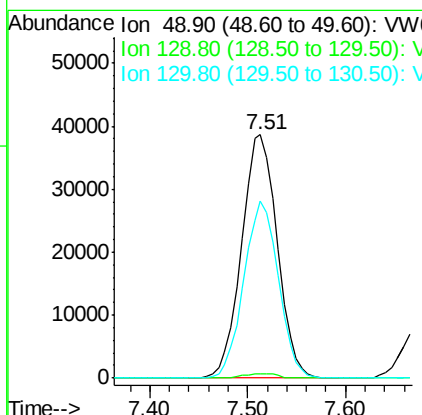
RT: 7.51 min Scan# 972

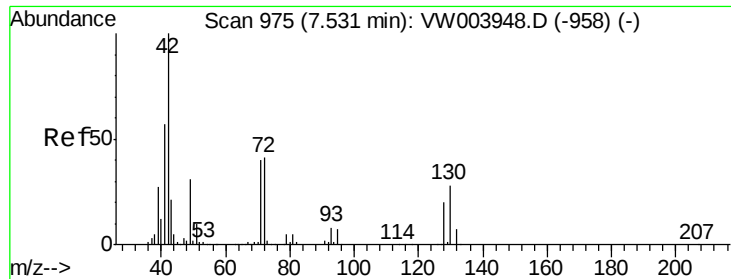
Delta R.T. 0.01 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Tgt Ion:	49	Resp:	97779
Ion Ratio	Lower	Upper	
49	100		
129	1.8	0.0	2.2
130	70.7	58.3	87.5





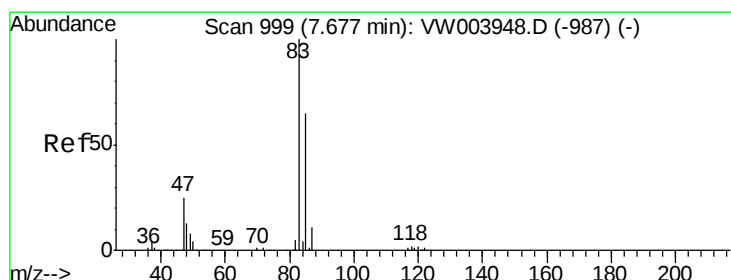
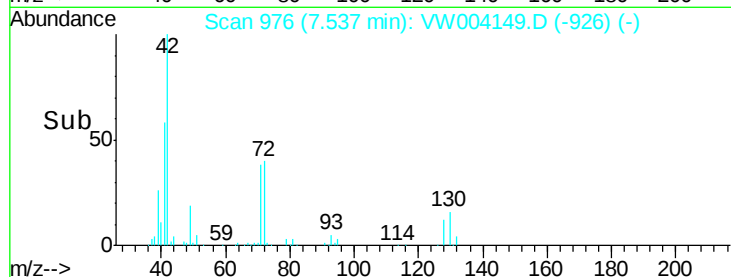
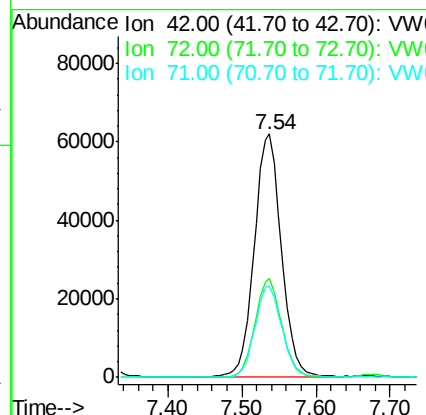
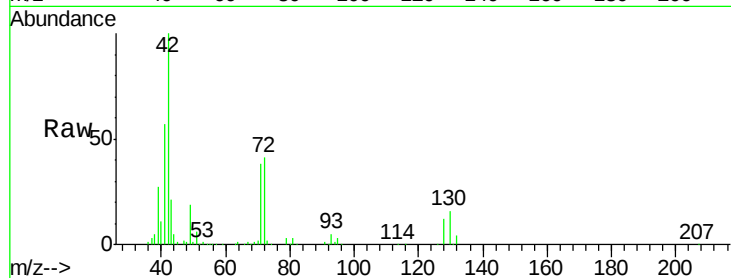
#29
Tetrahydrofuran
Concen: 318.25 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.01 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Instrument :
MSVOA_W
ClientSampleId :
KY030LC006-S-180716MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.7	32.6	48.8
71	37.0	30.5	45.7

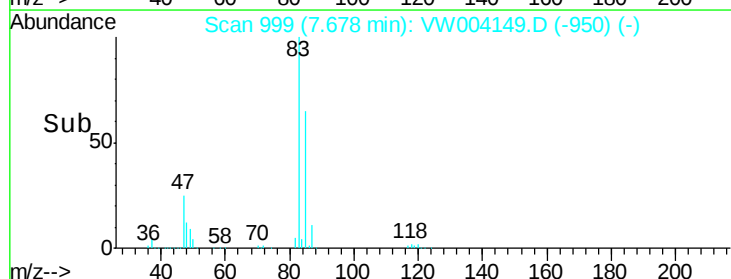
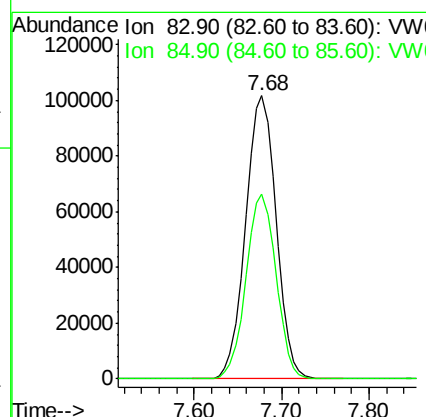
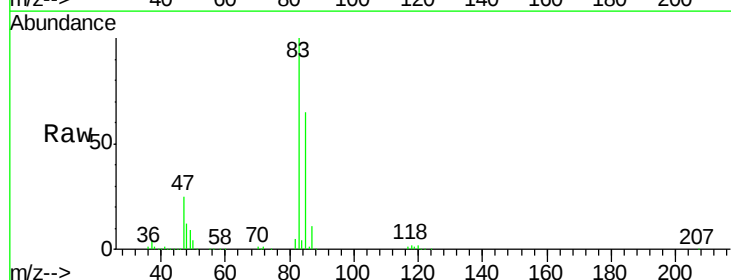
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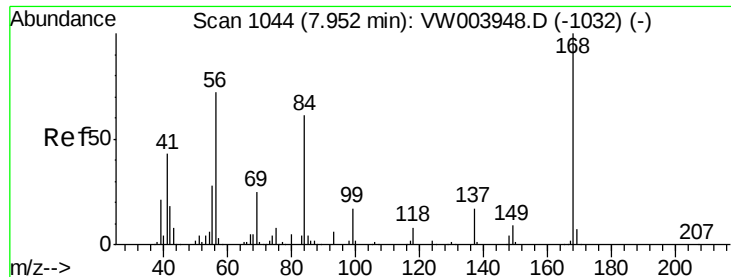
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#30
Chloroform
Concen: 56.47 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.2	78.4





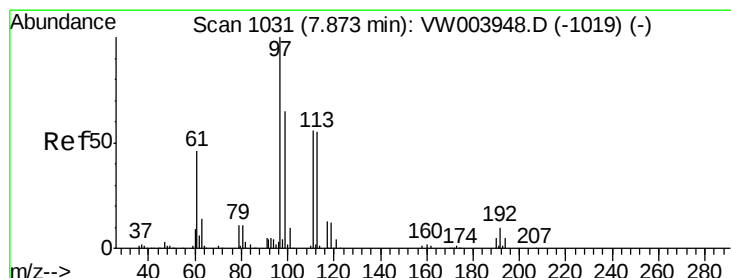
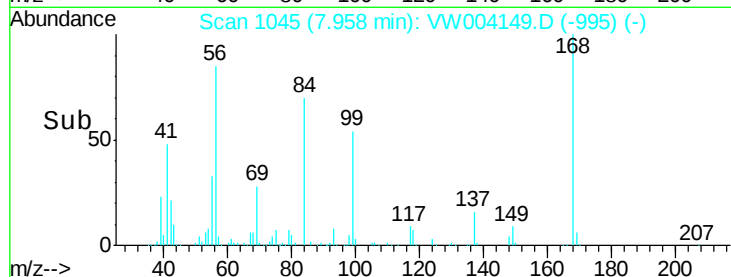
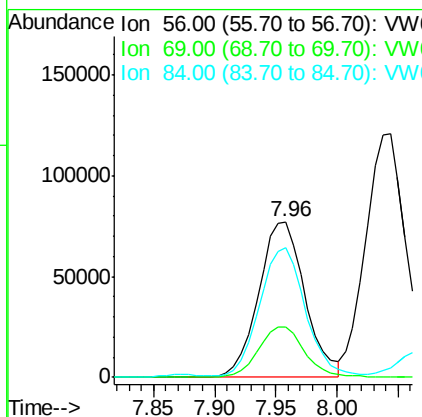
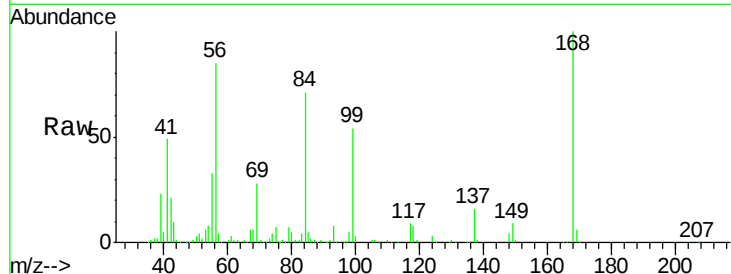
#31
Cyclohexane
Concen: 49.21 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.01 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Instrument :
MSVOA_W
ClientSampleId :
KY030LC006-S-180716MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.5	27.8	41.8
84	82.1	67.2	100.8

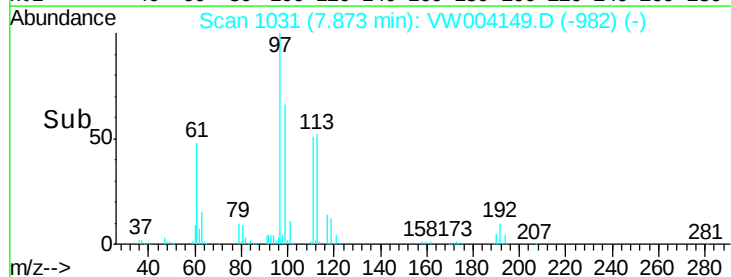
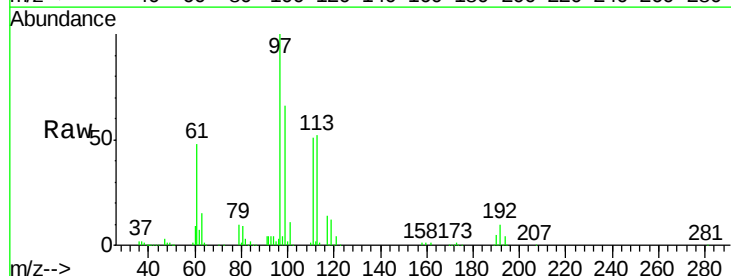
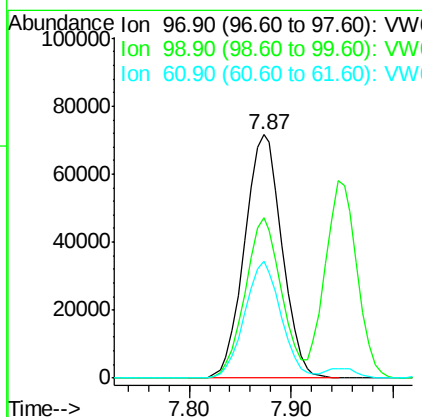
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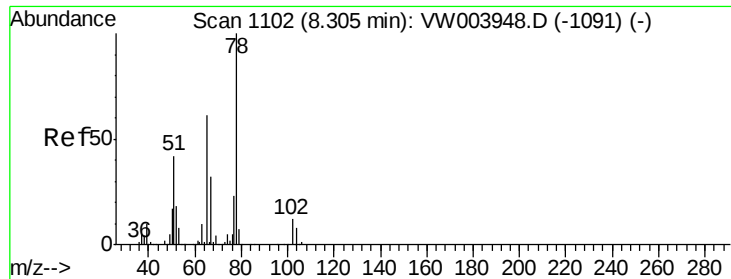
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#32
1,1,1-Trichloroethane
Concen: 53.57 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.3	76.9
61	46.5	36.8	55.2





#33

1,2-Dichloroethane-d4

Concen: 55.71 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Instrument :

MSVOA_W

ClientSampleId :

KY030LC006-S-180716MSD

Tot Ion: 65 Resp: 138370

Ion Ratio Lower Upper

65 100

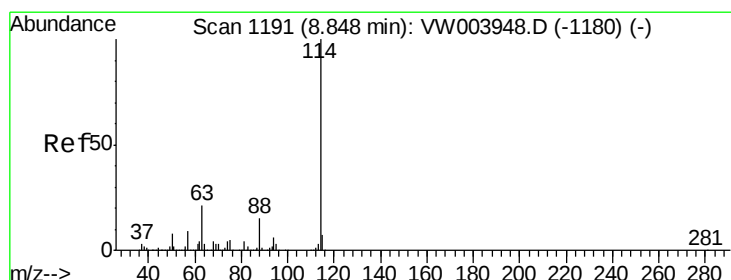
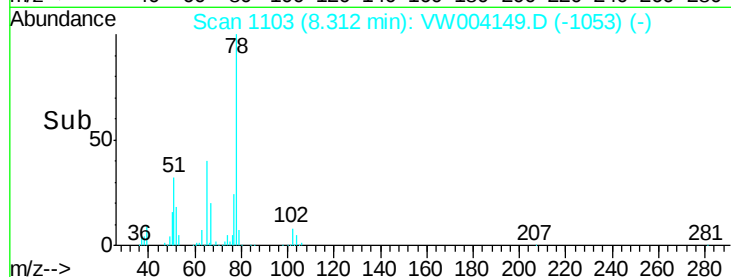
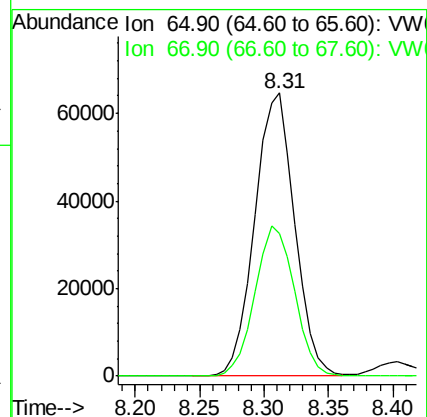
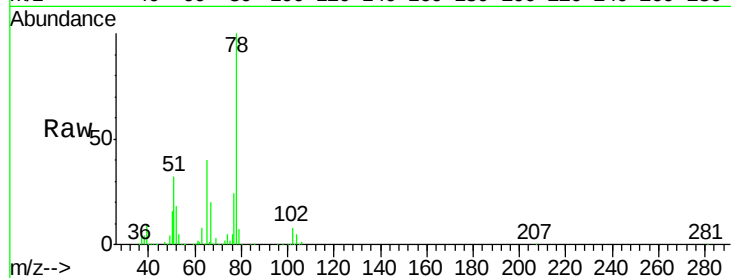
67 52.7 0.0 105.0

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

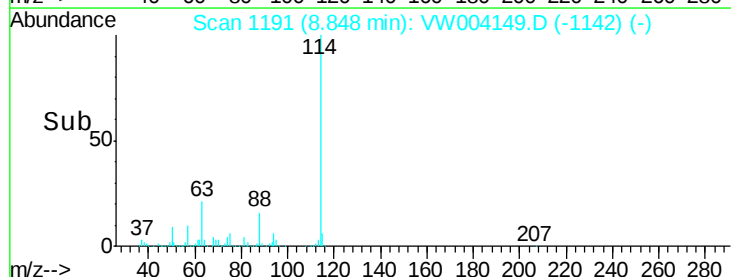
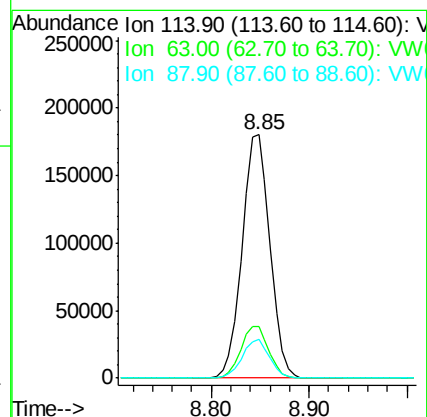
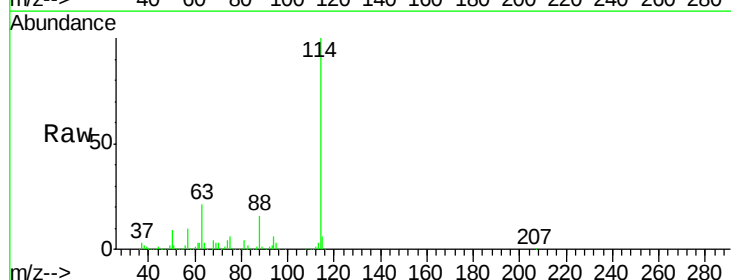
Tgt Ion: 114 Resp: 354466

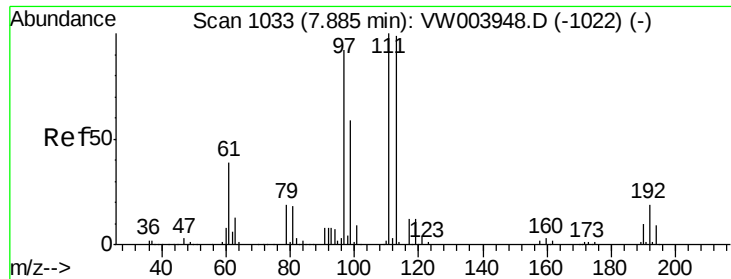
Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.8

88 15.8 0.0 30.4





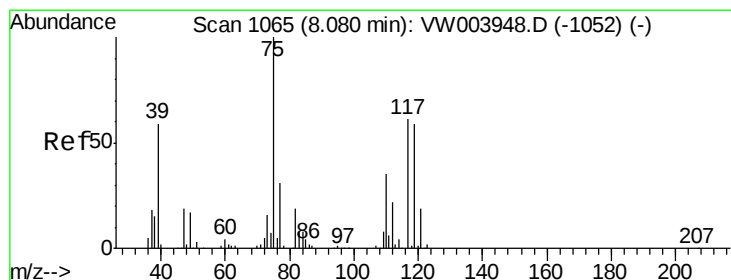
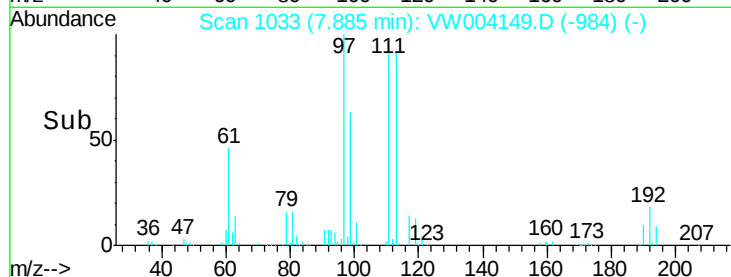
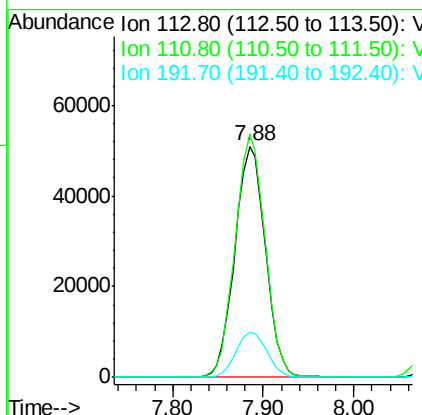
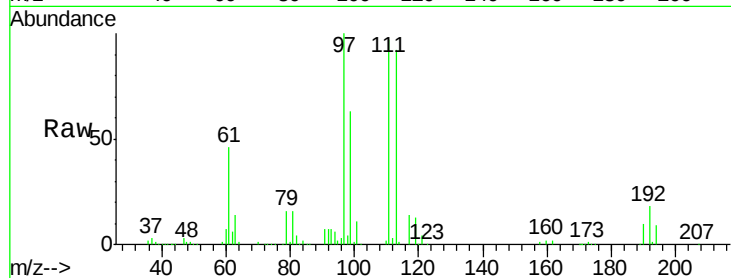
#35
 Dibromofluoromethane
 Concen: 52.47 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004149.D
 Acq: 23 Jul 2018 20:23

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC006-S-180716MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	119326		
111	103.4	81.3	121.9	
192	19.9	15.8	23.6	

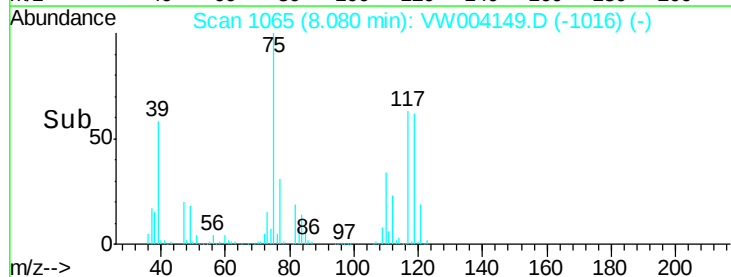
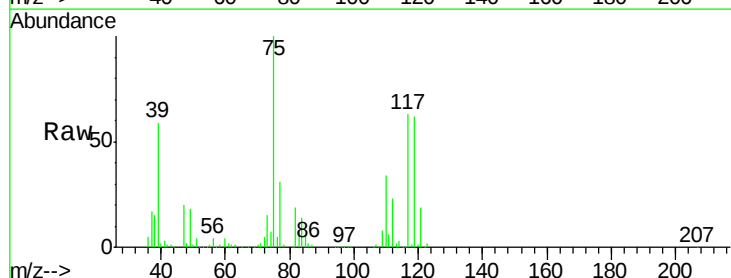
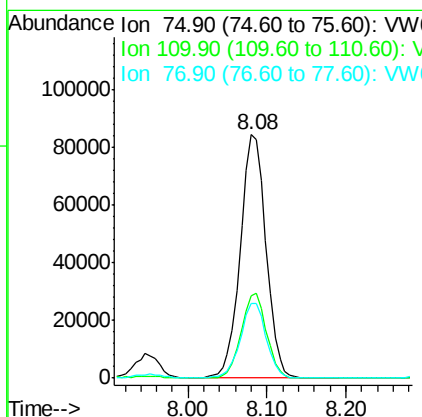
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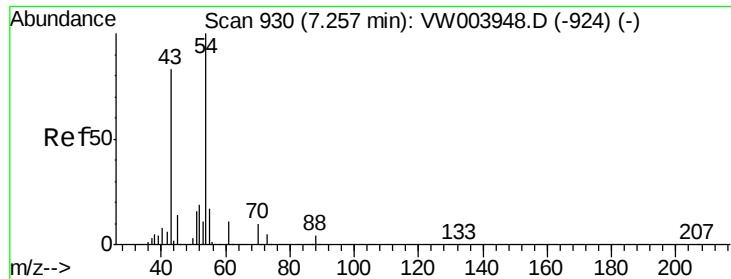
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#36
 1,1-Dichloropropene
 Concen: 52.60 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW004149.D
 Acq: 23 Jul 2018 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	191828		
110	33.9	17.0	51.0	
77	31.0	24.9	37.3	





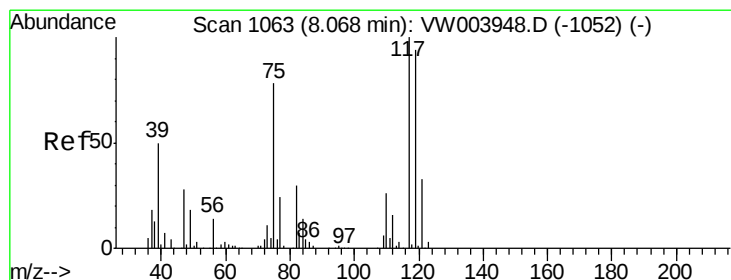
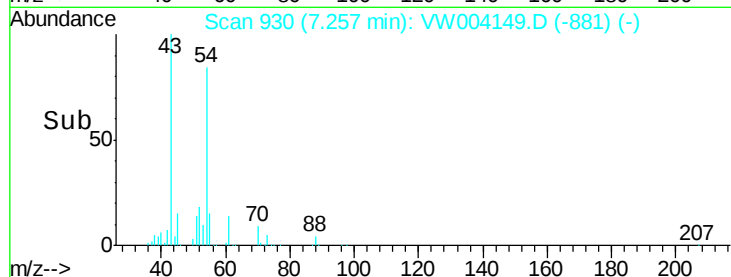
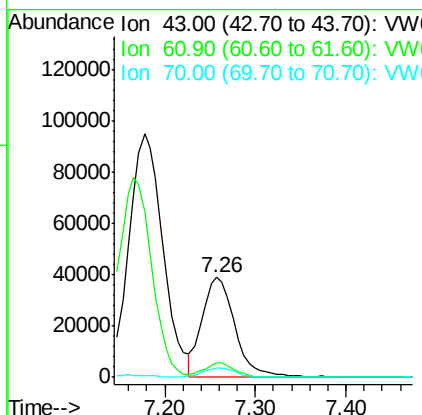
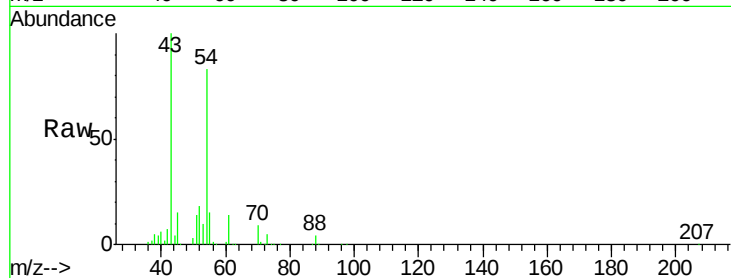
#37
Ethyl Acetate
Concen: 55.64 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Instrument :
MSVOA_W
ClientSampleId :
KY030LC006-S-180716MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.7	16.1
70	9.5	7.7	11.5

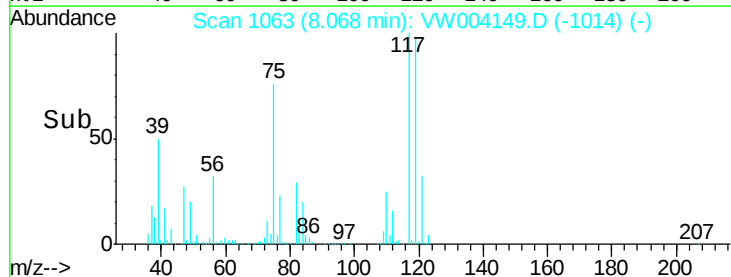
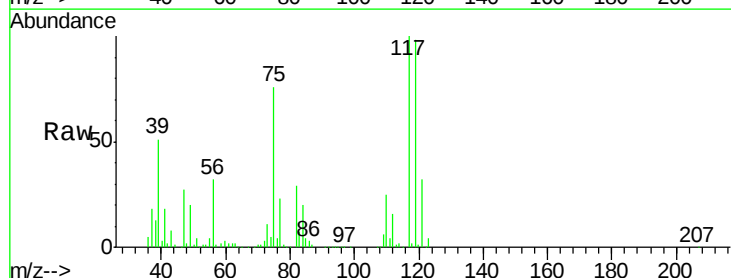
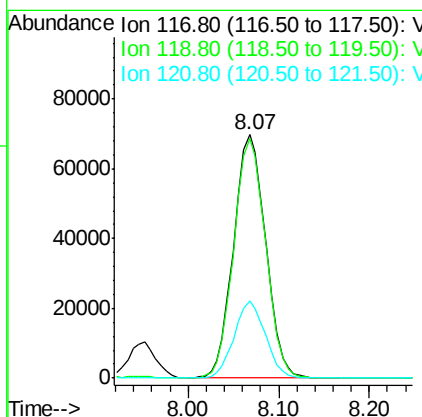
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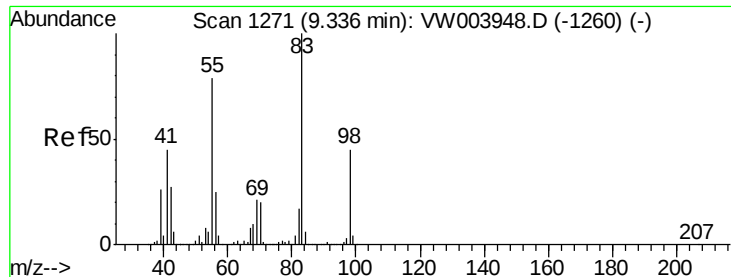
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#38
Carbon Tetrachloride
Concen: 50.38 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.5	75.3	112.9
121	31.9	26.0	39.0





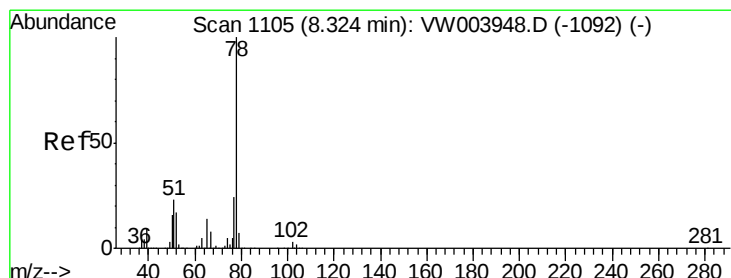
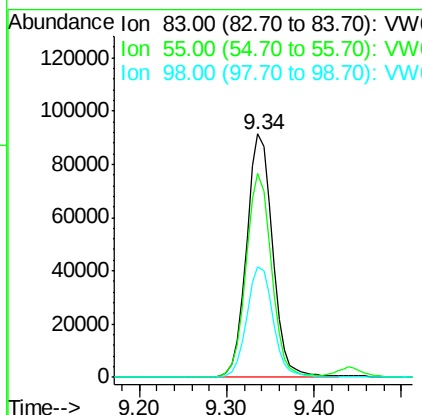
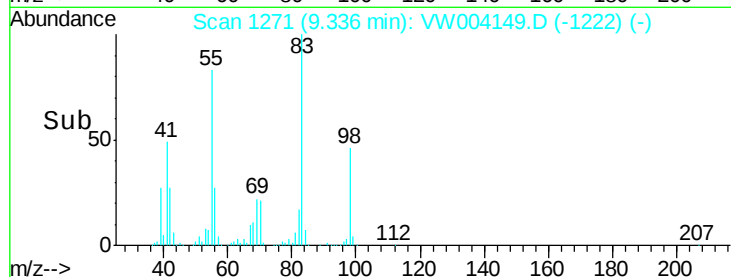
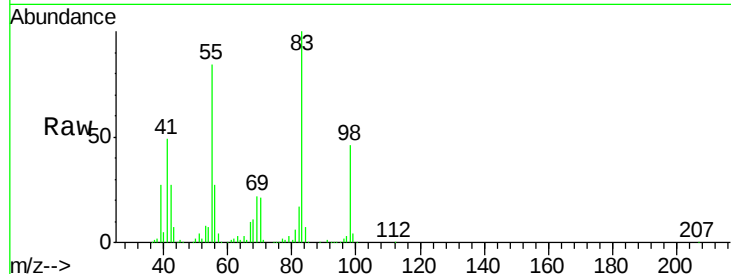
#39
Methvlcvclohexane
Concen: 44.30 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Instrument :
MSVOA_W
ClientSampleId :
KY030LC006-S-180716MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100	189215		
55	83.5	62.8	94.2	
98	45.6	36.2	54.4	

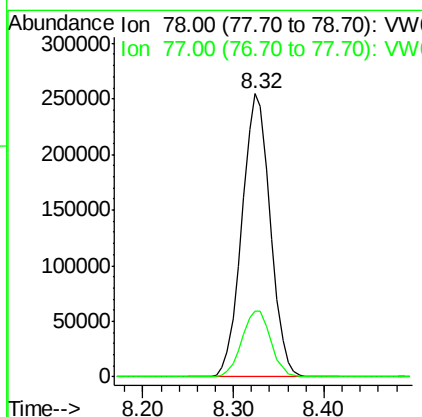
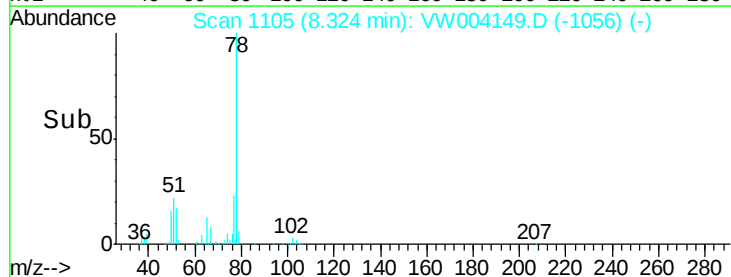
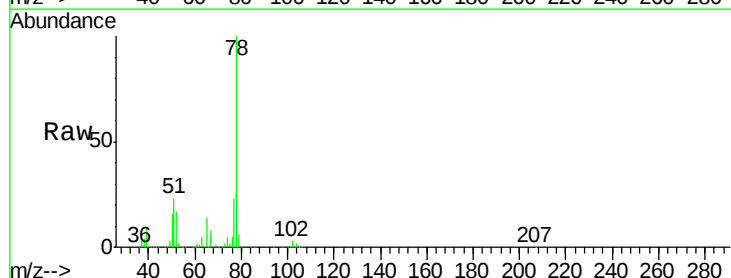
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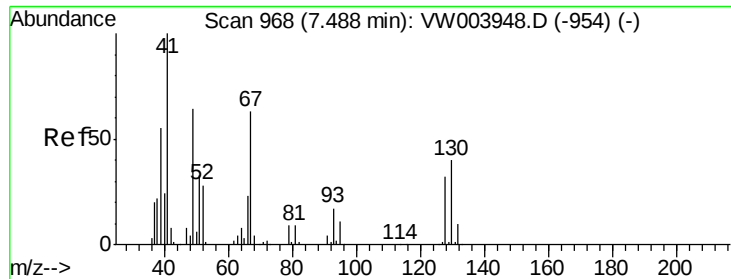
apatel
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#40
Benzene
Concen: 54.37 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	550073		
77	23.3	19.5	29.3	





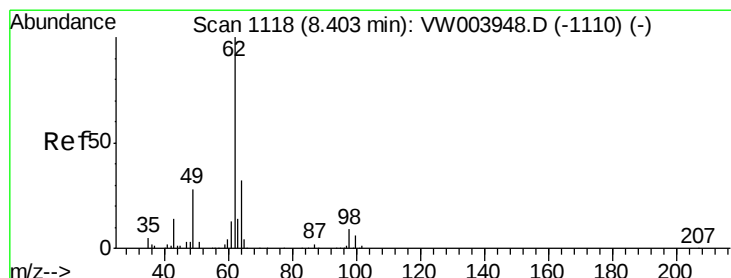
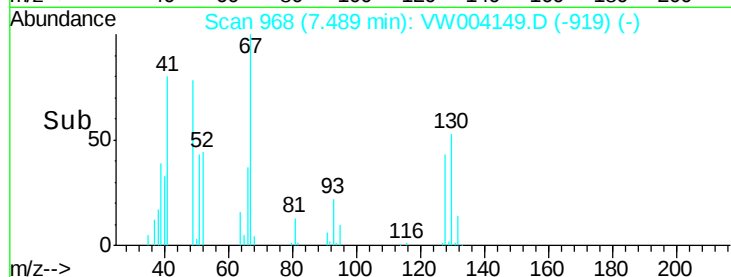
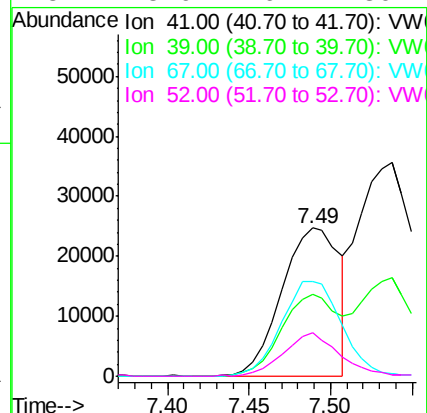
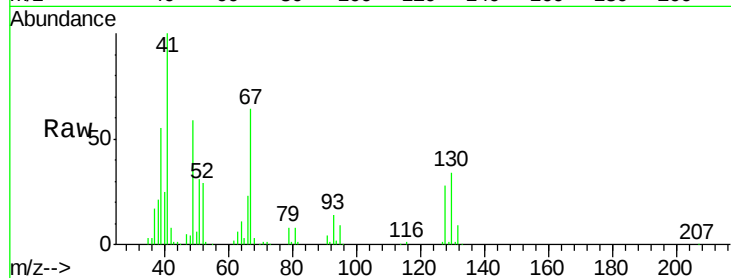
#41
Methacrylonitrile
Concen: 62.31 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Instrument :
MSVOA_W
ClientSampleId :
KY030LC006-S-180716MSD

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.5	50.0	75.0
67	67.3	60.8	91.2
52	28.9	26.2	39.4

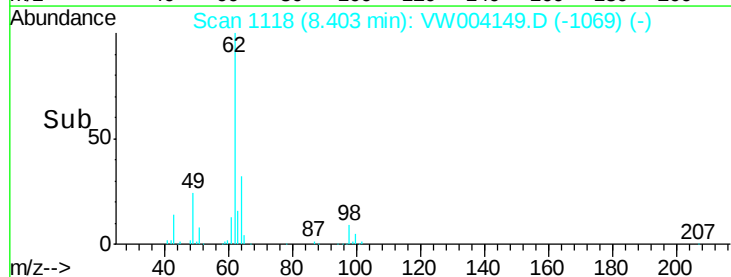
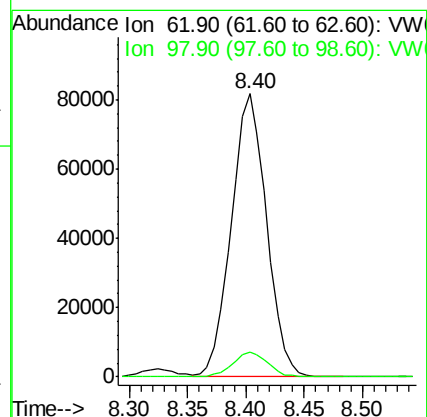
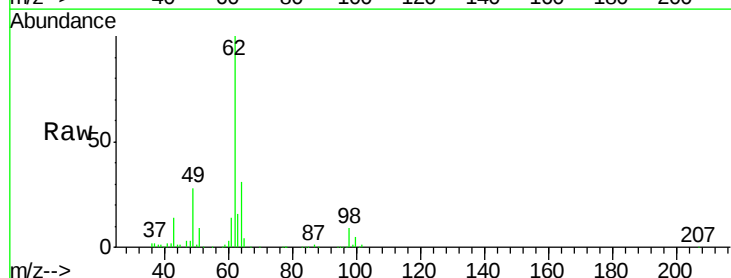
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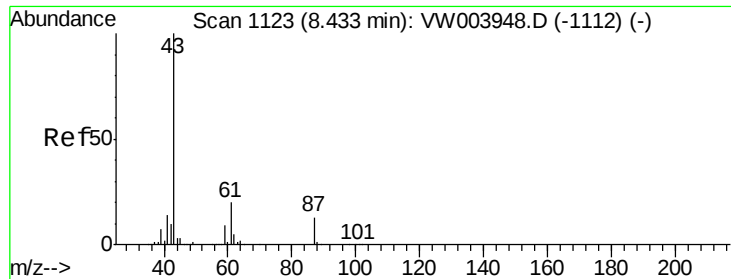
apatel
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#42
1,2-Dichloroethane
Concen: 55.58 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.4





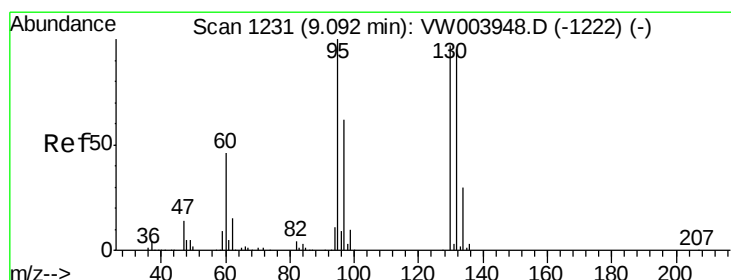
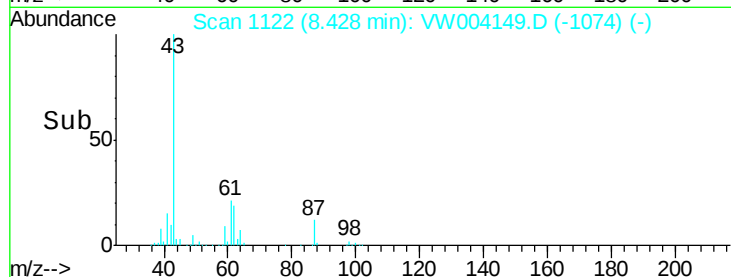
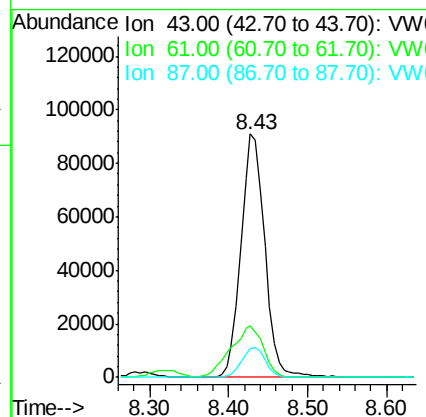
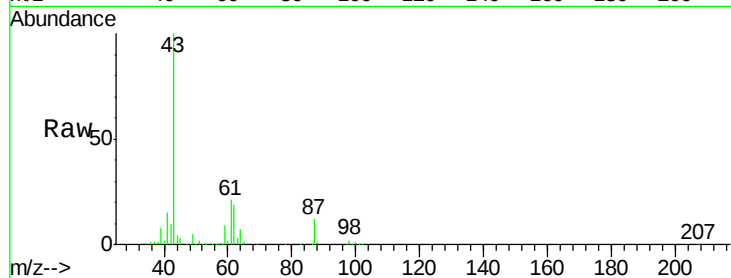
#43
Isopropyl Acetate
Concen: 57.79 ug/l
RT: 8.43 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Instrument :
MSVOA_W
ClientSampleId :
KY030LC006-S-180716MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.9	23.0	34.6
87	12.2	9.9	14.9

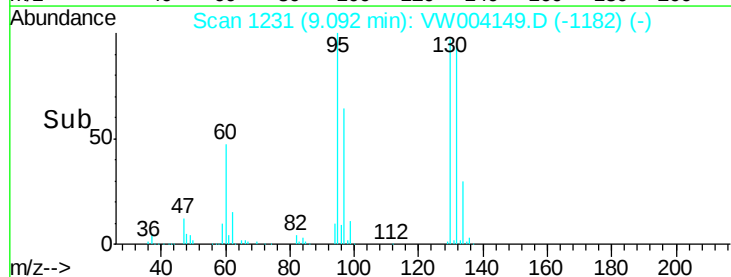
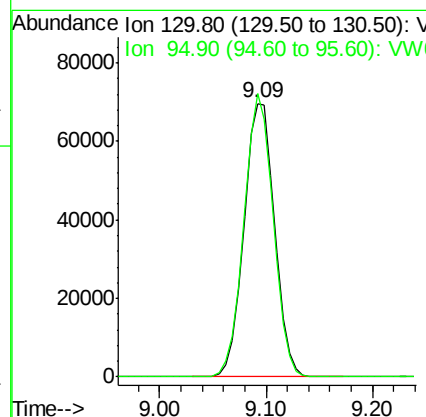
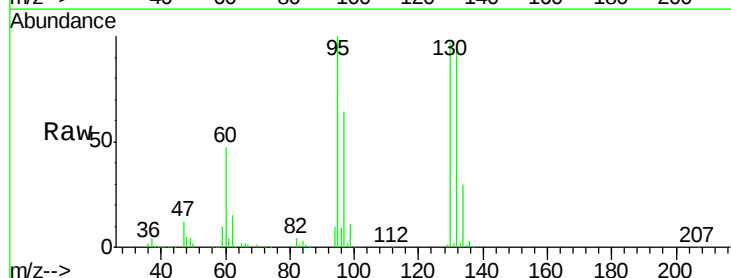
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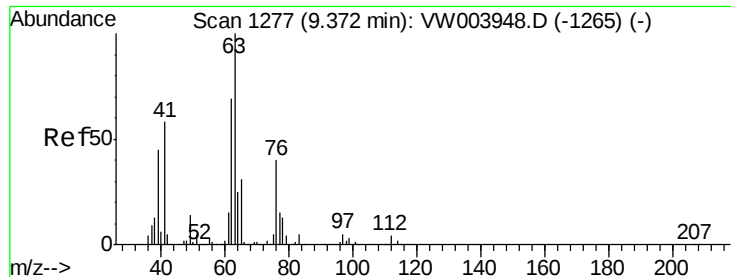
apatel
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#44
Trichloroethene
Concen: 53.63 ug/l
RT: 9.09 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.4	0.0	206.8





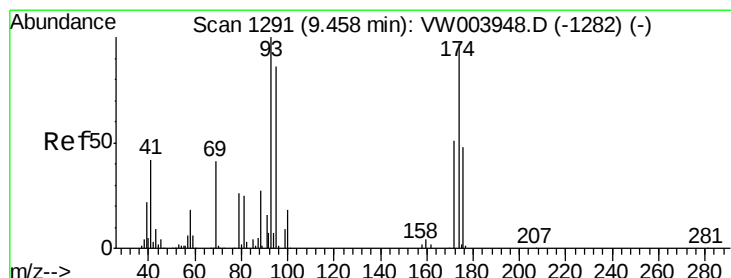
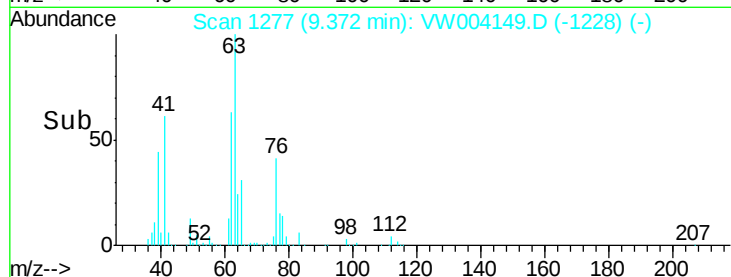
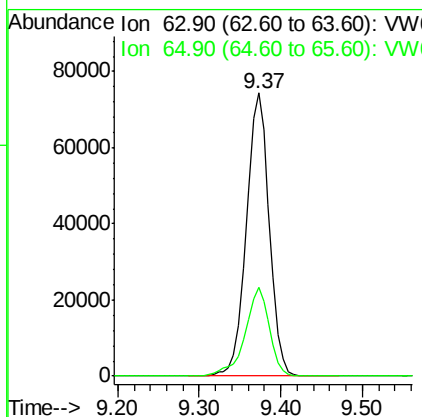
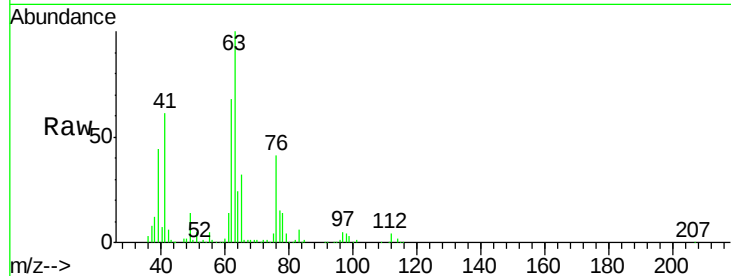
#45
 1,2-Dichloropropane
 Concen: 56.30 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004149.D
 Acq: 23 Jul 2018 20:23

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC006-S-180716MSD

Tot Ion: 63 Resp: 145385
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.8 37.2

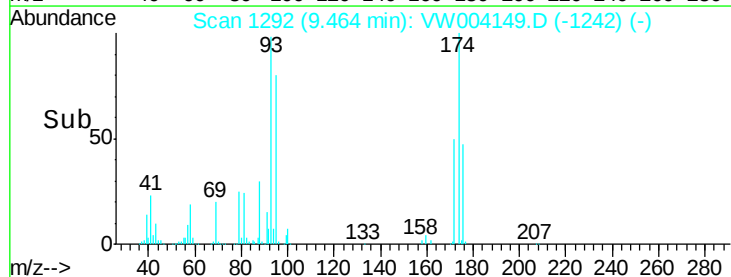
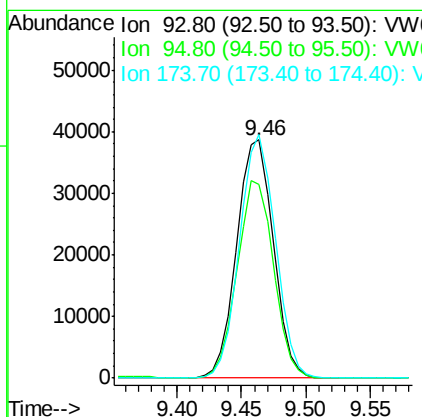
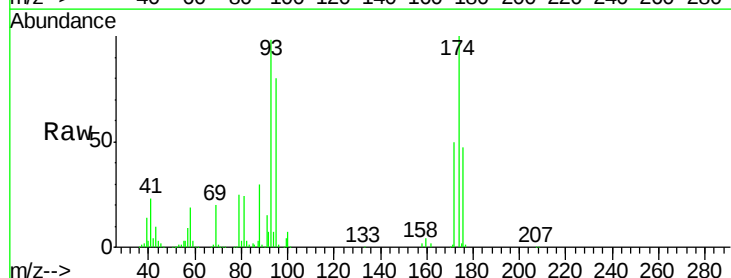
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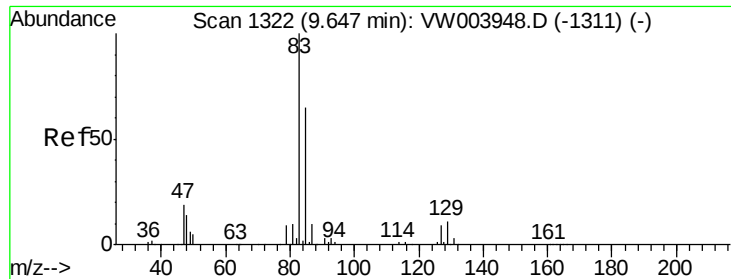
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#46
 Dibromomethane
 Concen: 57.00 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: VW004149.D
 Acq: 23 Jul 2018 20:23

Tgt Ion: 93 Resp: 76376
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.9 100.3
 174 100.0 80.2 120.2





#47

Bromodichloromethane

Concen: 55.24 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Instrument :

MSVOA_W

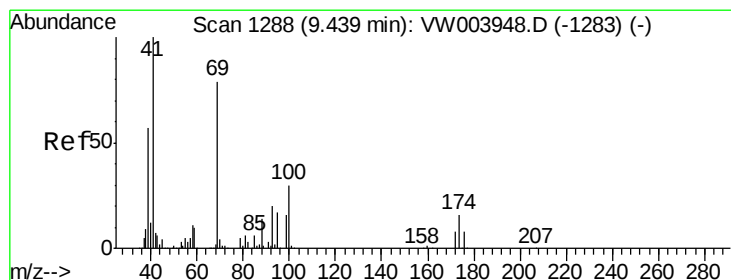
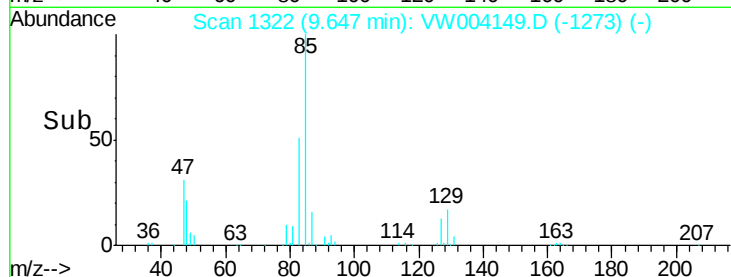
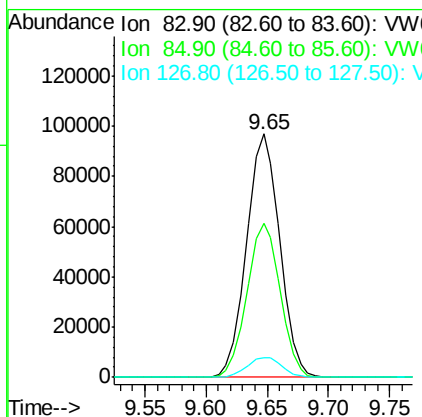
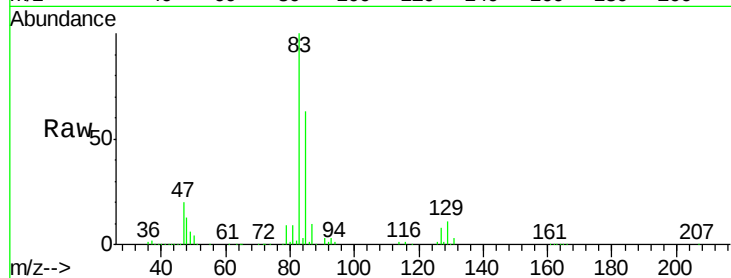
ClientSampleId :

KY030LC006-S-180716MSD

Tot Ion:	83	Resp:	182489
Ion Ratio	Lower	Upper	
83	100		
85	63.4	52.2	78.2
127	7.9	7.0	10.4

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#48

Methyl methacrylate

Concen: 62.24 ug/l

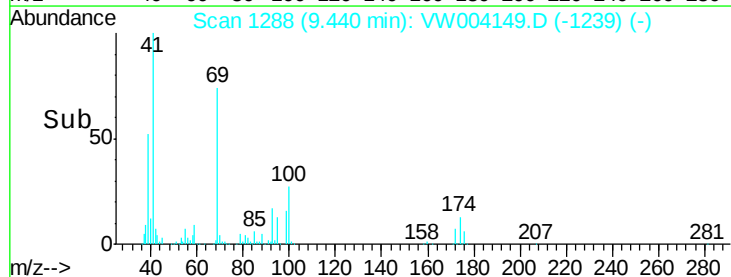
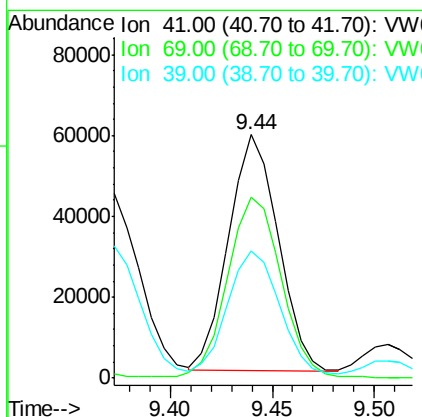
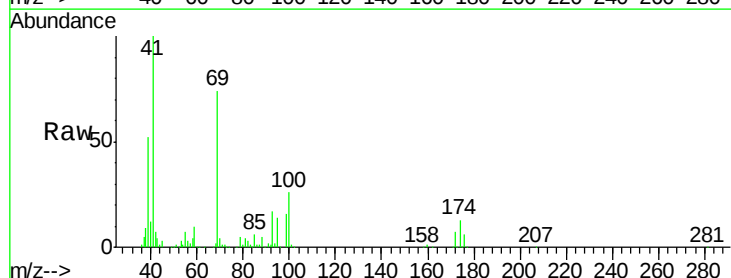
RT: 9.44 min Scan# 1288

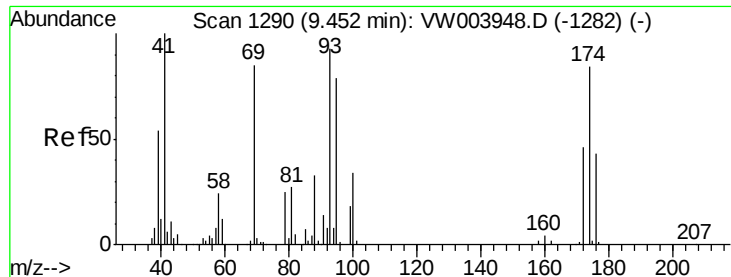
Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Tgt Ion:	41	Resp:	99025
Ion Ratio	Lower	Upper	
41	100		
69	83.0	67.0	100.6
39	57.7	48.8	73.2





#49

1,4-Dioxane

Concen: 1223.84 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.01 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Instrument :

MSVOA_W

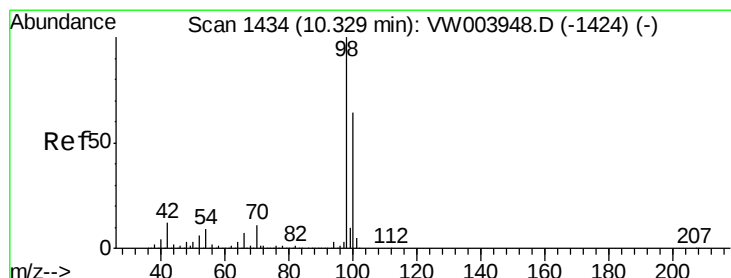
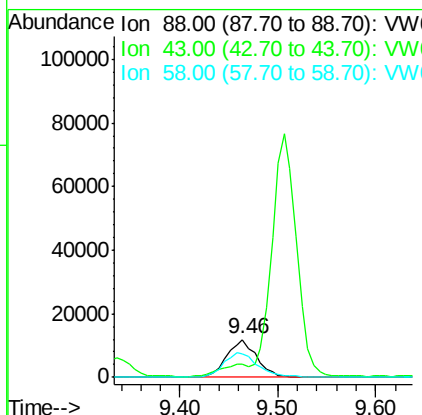
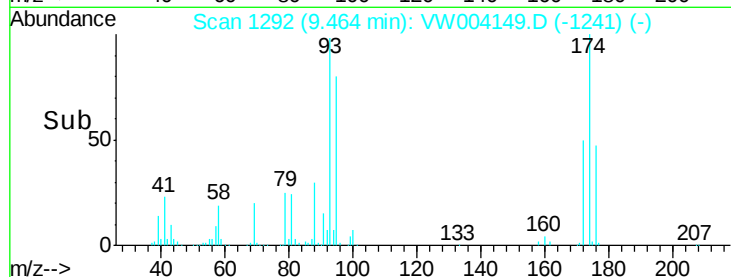
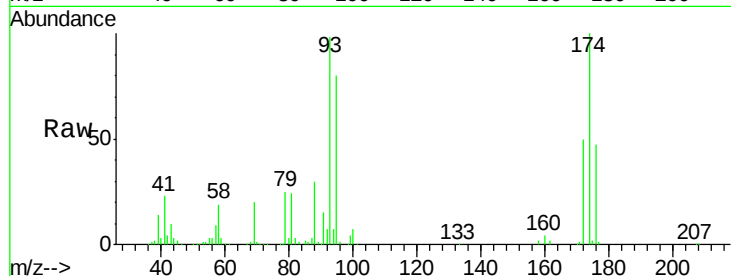
ClientSampleId :

KY030LC006-S-180716MSD

Tot Ion:	88	Resp:	25209
Ion	Ratio	Lower	Upper
88	100		
43	32.3	27.3	40.9
58	75.8	61.1	91.7

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#50

Toluene-d8

Concen: 52.29 ug/l

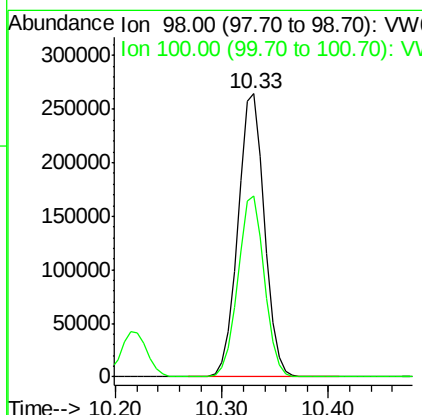
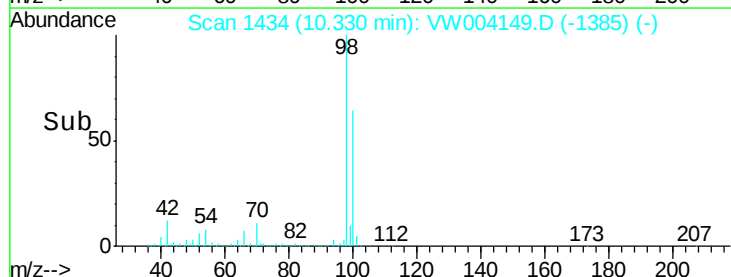
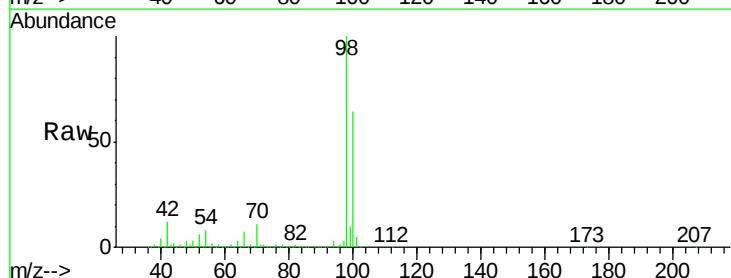
RT: 10.33 min Scan# 1434

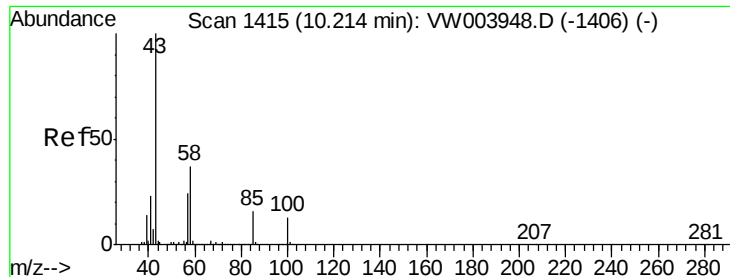
Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Tgt Ion:	98	Resp:	461471
Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 311.26 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Instrument :

MSVOA_W

ClientSampleId :

KY030LC006-S-180716MSD

Tot Ion: 43 Resp: 545585

Ion Ratio Lower Upper

43 100

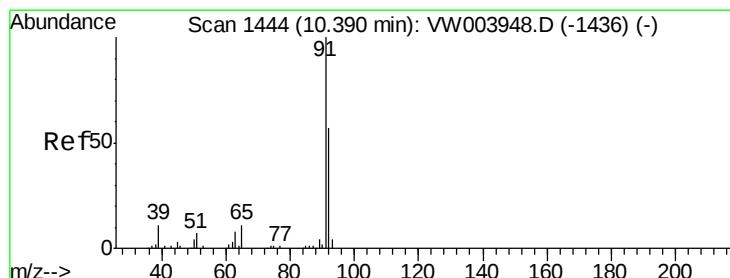
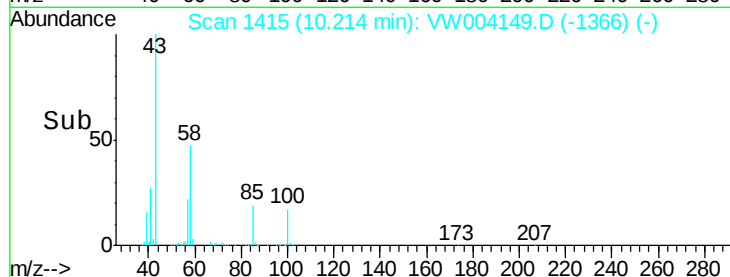
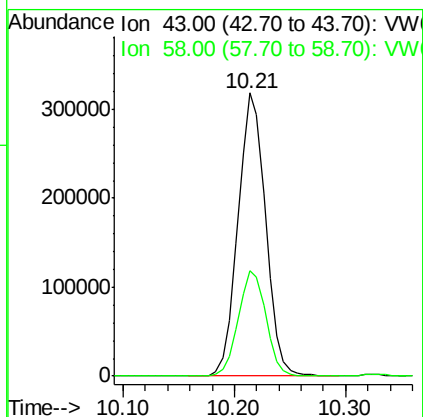
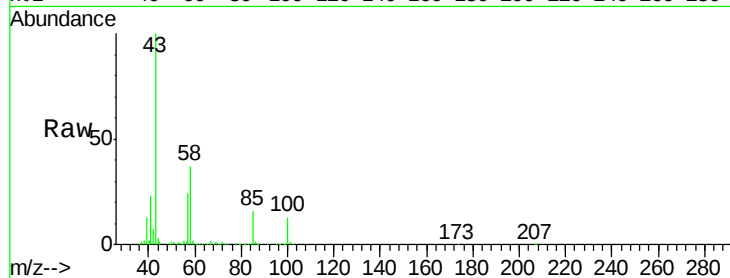
58 37.5 29.9 44.9

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#52

Toluene

Concen: 53.89 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004149.D

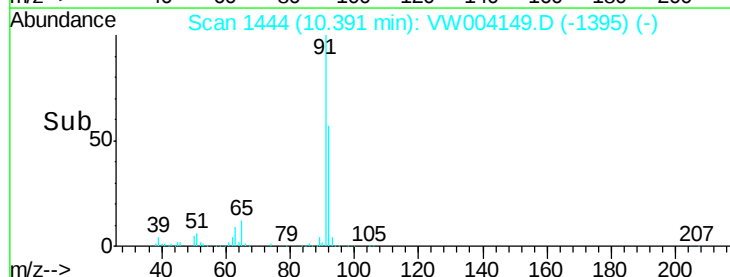
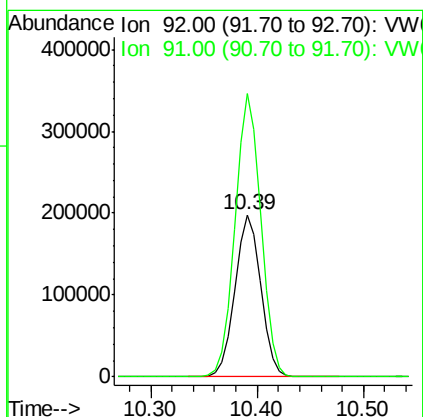
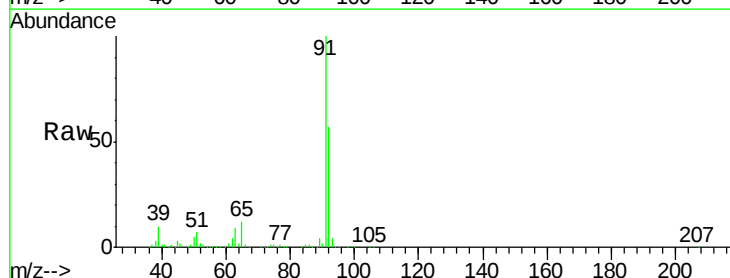
Acq: 23 Jul 2018 20:23

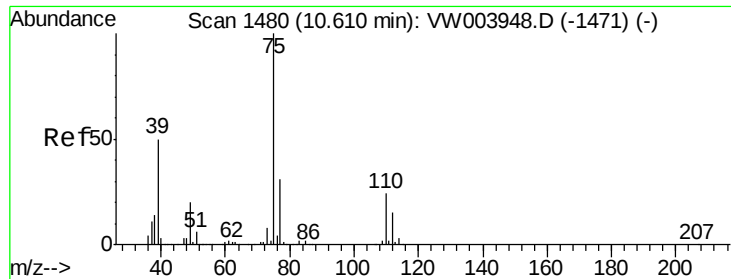
Tgt Ion: 92 Resp: 337165

Ion Ratio Lower Upper

92 100

91 175.0 139.6 209.4





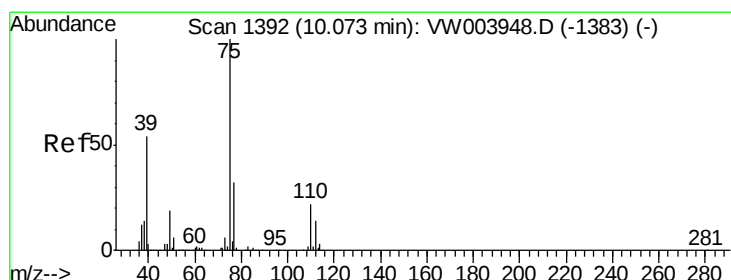
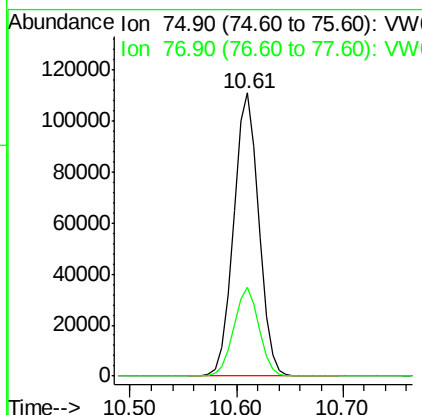
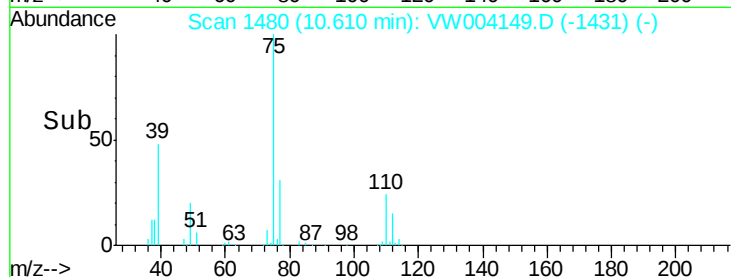
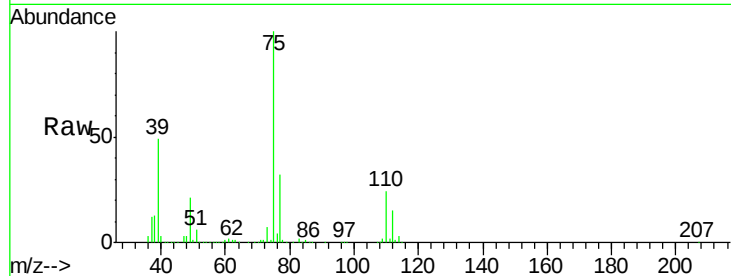
#53
t-1,3-Dichloropropene
Concen: 53.12 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Instrument :
MSVOA_W
ClientSampleId :
KY030LC006-S-180716MSD

Tot Ion: 75 Resp: 183507
Ion Ratio Lower Upper
75 100
77 31.4 25.2 37.8

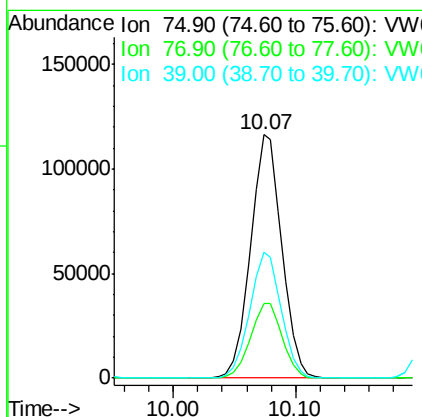
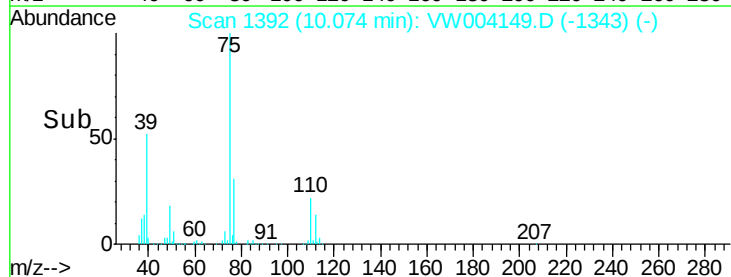
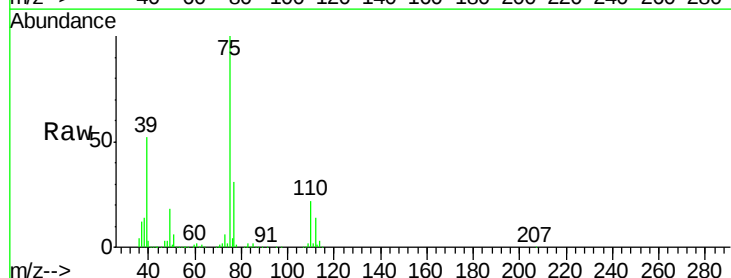
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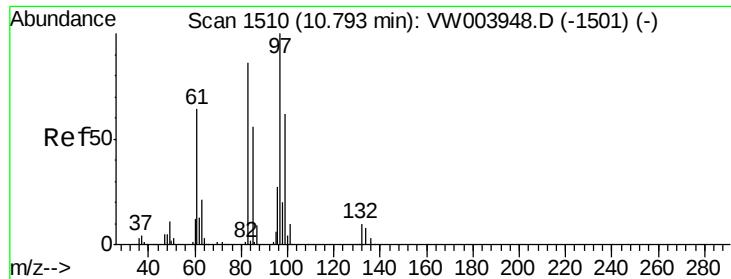
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#54
cis-1,3-Dichloropropene
Concen: 52.29 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Tgt Ion: 75 Resp: 206622
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.2
39 51.7 43.0 64.6





#55

1,1,2-Trichloroethane

Concen: 57.28 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Instrument :

MSVOA_W

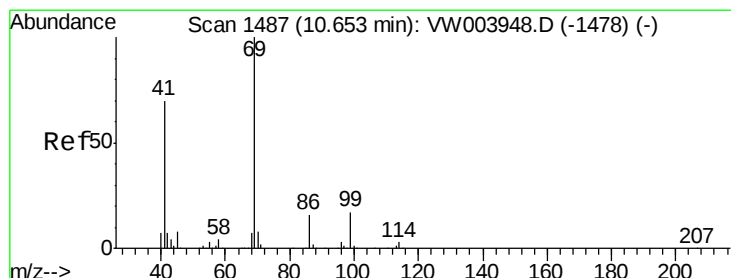
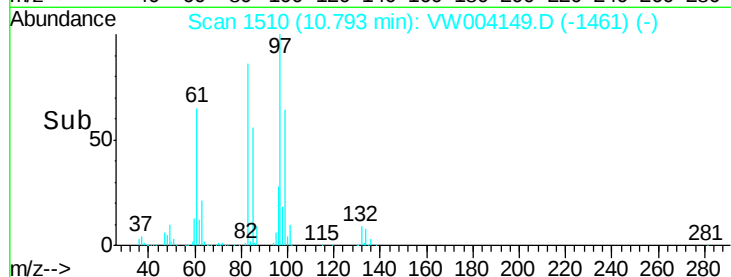
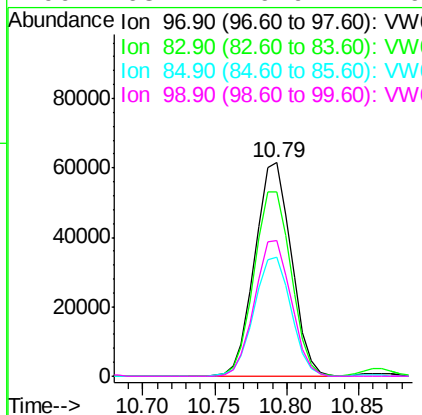
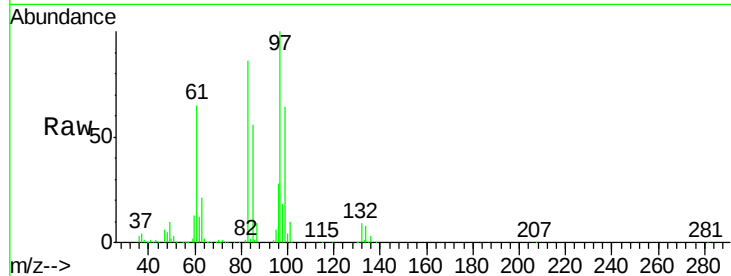
ClientSampleId :

KY030LC006-S-180716MSD

Tot Ion:	97	Resp:	107957
Ion	Ratio	Lower	Upper
97	100		
83	86.3	69.0	103.4
85	55.8	45.0	67.6
99	63.7	49.9	74.9

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#56

Ethyl methacrylate

Concen: 52.59 ug/l

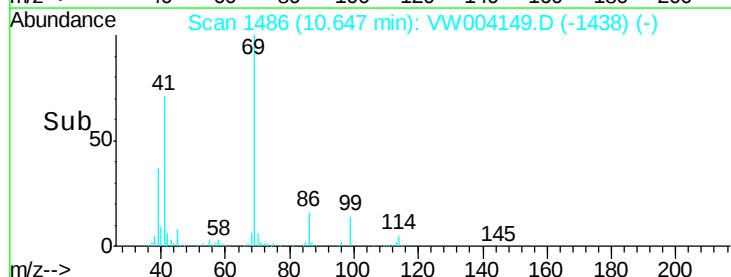
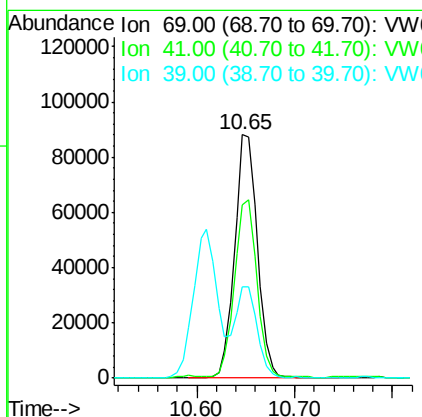
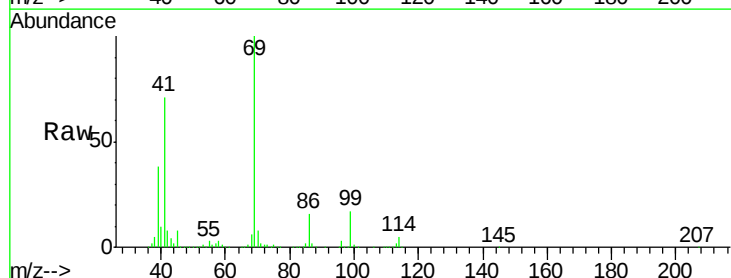
RT: 10.65 min Scan# 1486

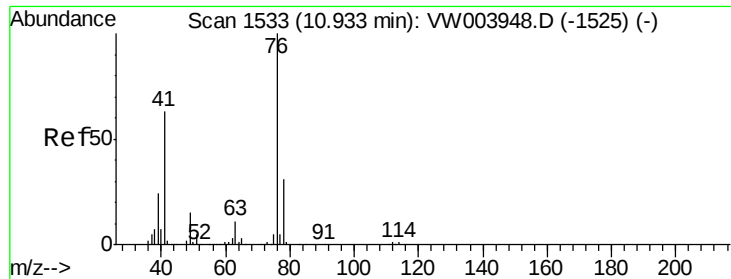
Delta R.T. -0.01 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Tgt Ion:	69	Resp:	142213
Ion	Ratio	Lower	Upper
69	100		
41	72.3	56.5	84.7
39	37.6	30.2	45.4





#57

1,3-Dichloropropane

Concen: 57.58 ug/l

RT: 10.93 min Scan# 1533

Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Instrument :

MSVOA_W

ClientSampleId :

KY030LC006-S-180716MSD

Tot Ion: 76 Resp: 188527

Ion Ratio Lower Upper

76 100

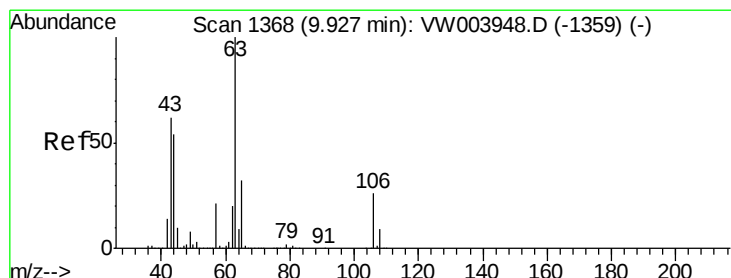
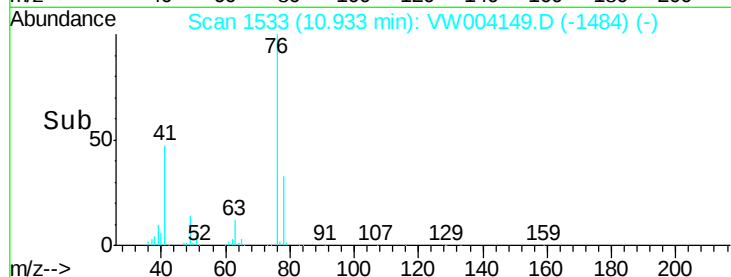
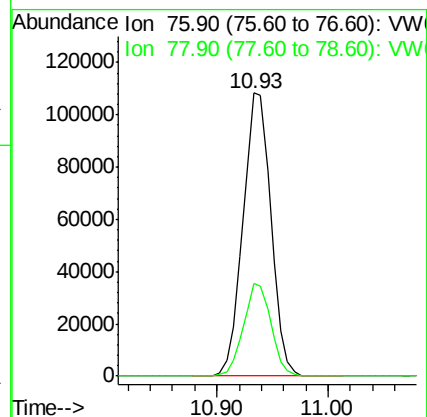
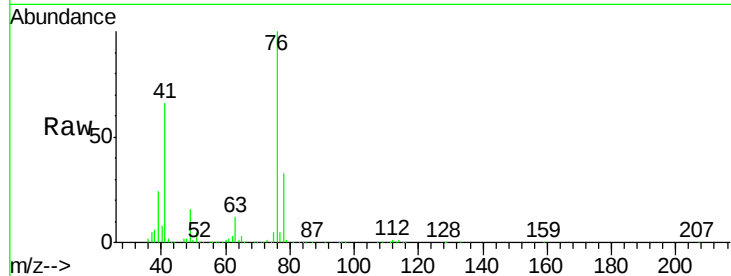
78 32.3 25.2 37.8

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#58

2-Chloroethyl Vinyl ether

Concen: 288.10 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW004149.D

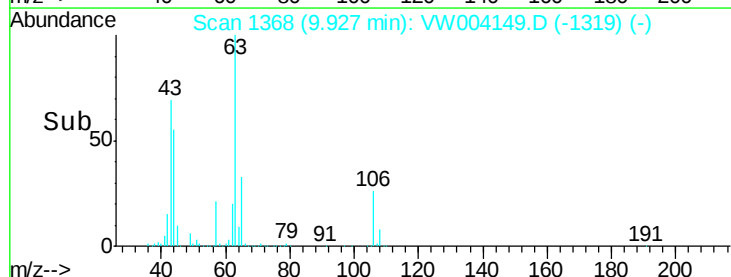
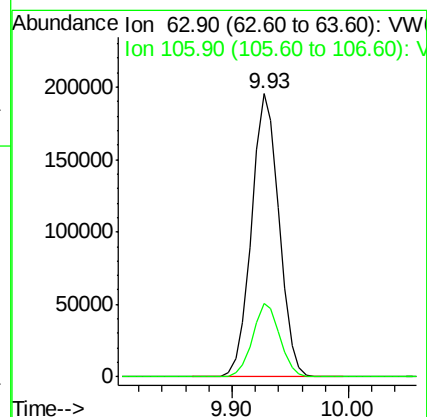
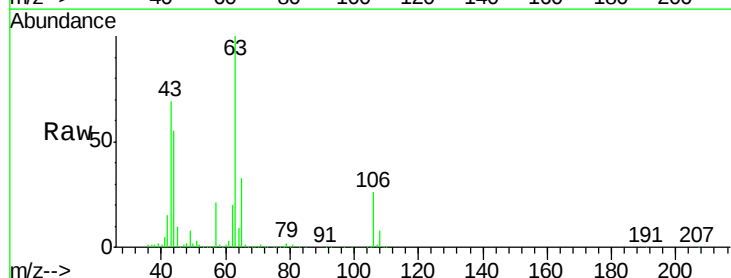
Acq: 23 Jul 2018 20:23

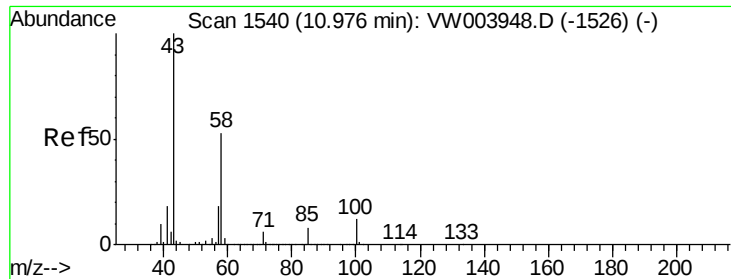
Tgt Ion: 63 Resp: 322113

Ion Ratio Lower Upper

63 100

106 25.8 21.2 31.8





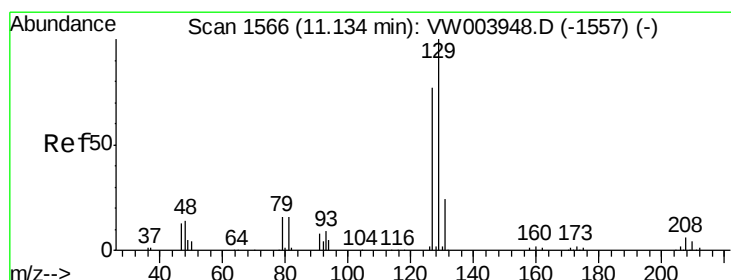
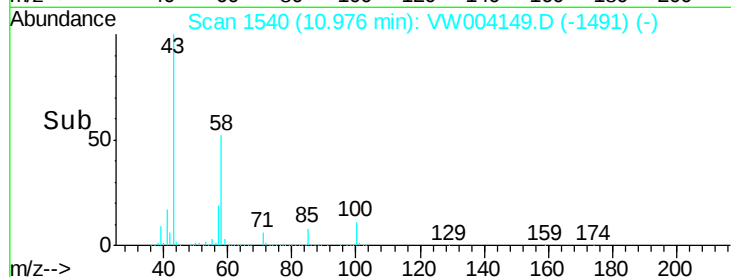
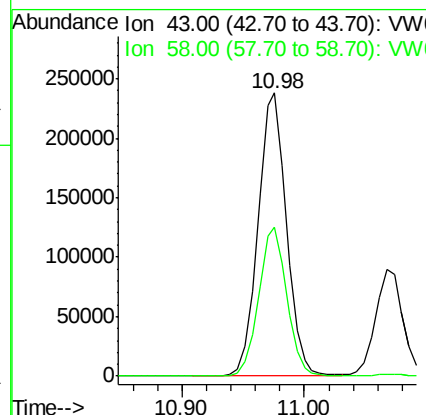
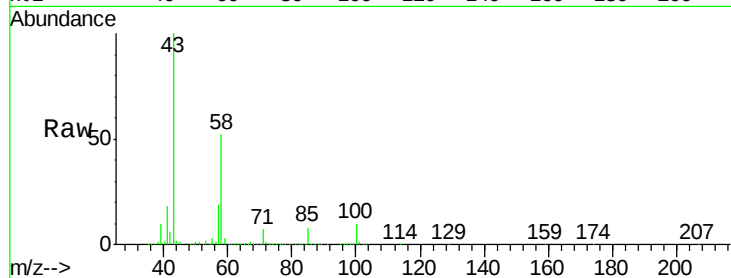
#59
2-Hexanone
Concen: 312.21 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Instrument :
MSVOA_W
ClientSampleId :
KY030LC006-S-180716MSD

Tot Ion: 43 Resp: 385705
Ion Ratio Lower Upper
43 100
58 51.8 26.0 78.0

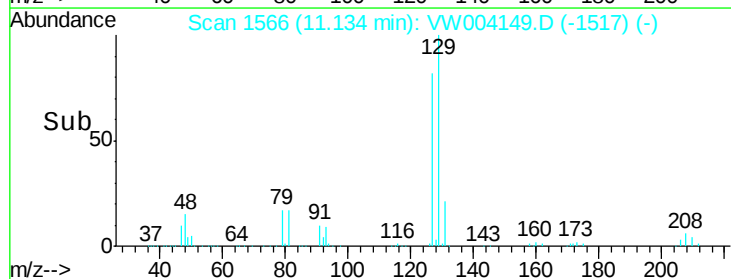
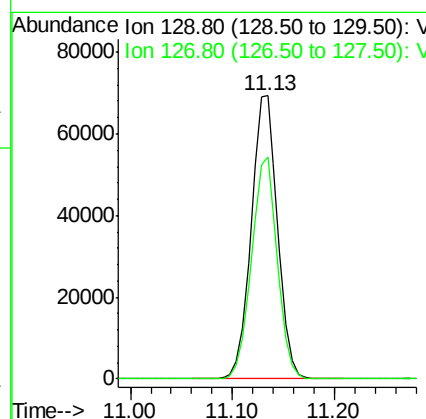
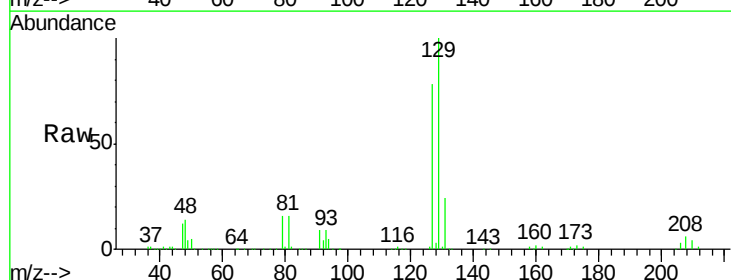
Manual Integrations
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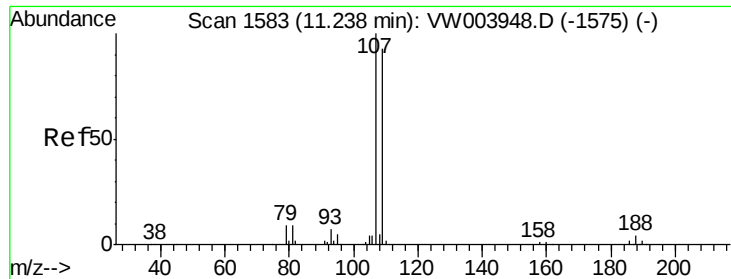
apatel
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#60
Dibromochloromethane
Concen: 56.54 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Tgt Ion: 129 Resp: 124101
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.3





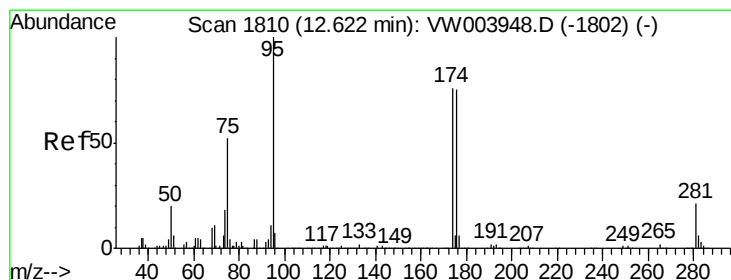
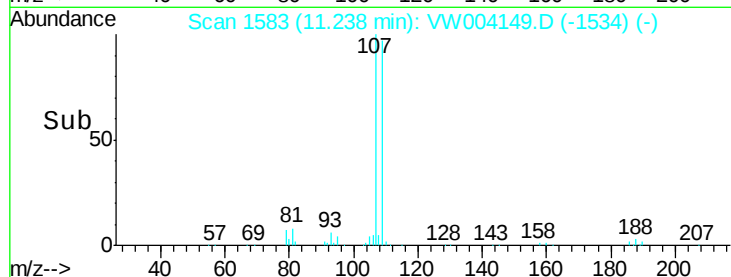
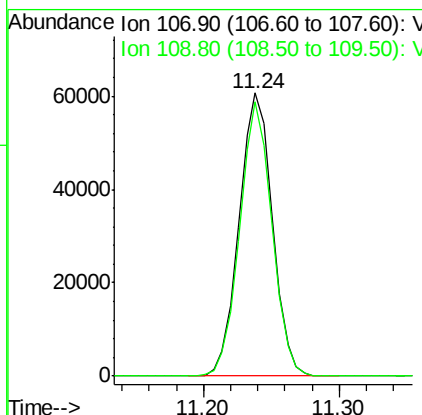
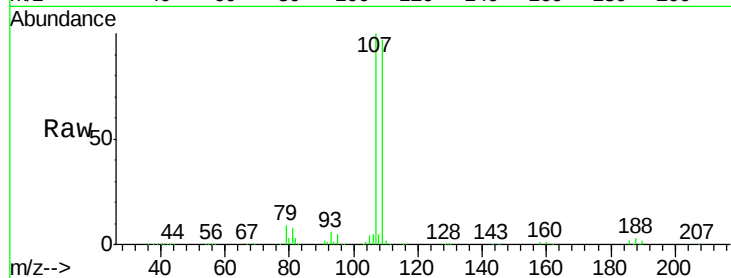
#61
 1,2-Dibromoethane
 Concen: 57.76 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW004149.D
 Acq: 23 Jul 2018 20:23

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC006-S-180716MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	103577		
109	93.9	74.3	111.5	

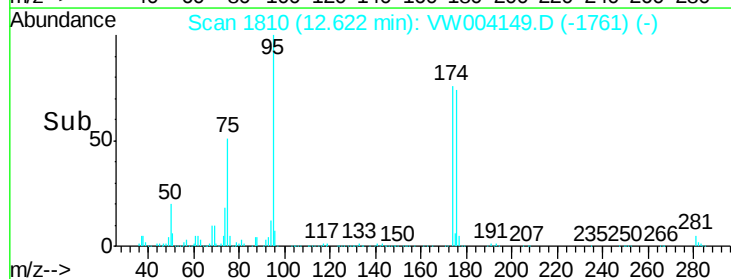
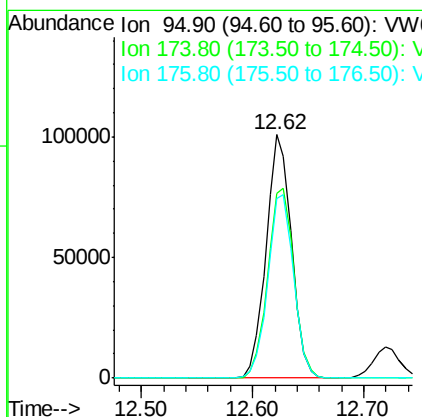
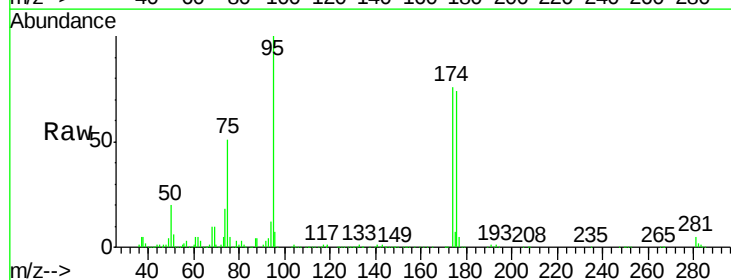
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#62
 4-Bromofluorobenzene
 Concen: 50.47 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004149.D
 Acq: 23 Jul 2018 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	160614		
174	80.4	0.0	160.2	
176	76.4	0.0	155.8	





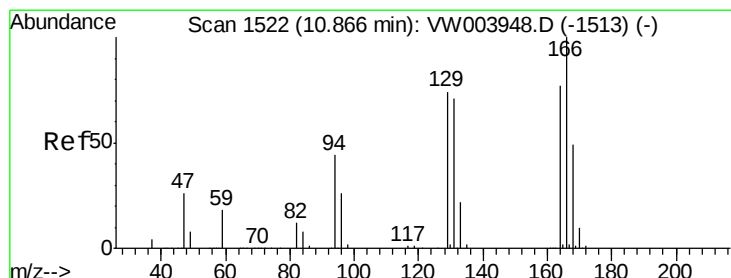
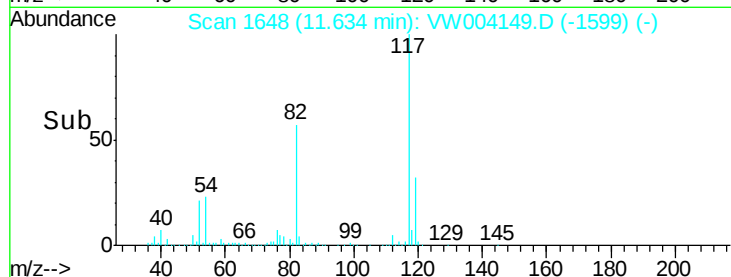
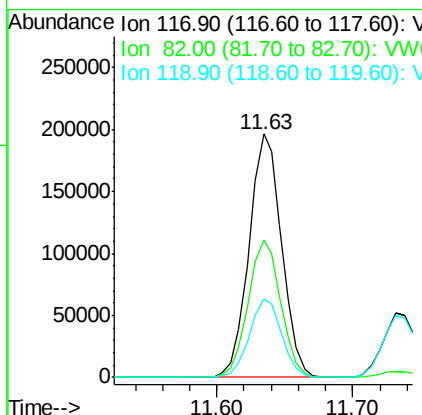
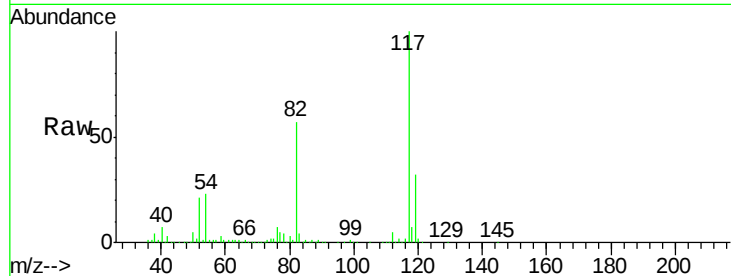
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Instrument :
MSVOA_W
ClientSampleId :
KY030LC006-S-180716MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	328676		
82	56.6	46.5	69.7	
119	32.1	26.2	39.2	

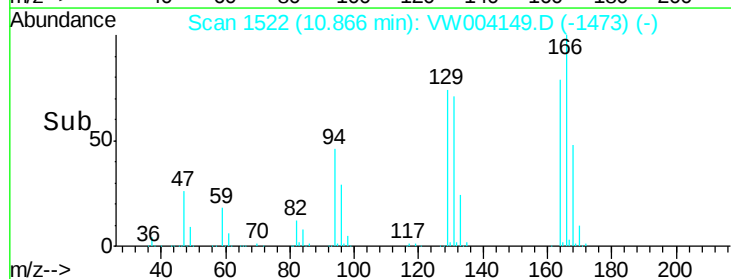
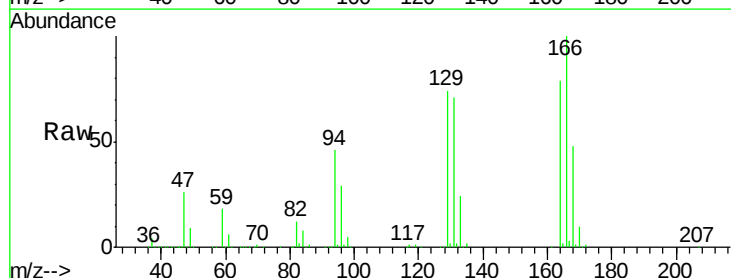
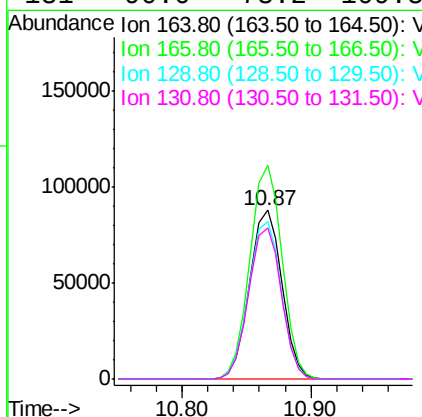
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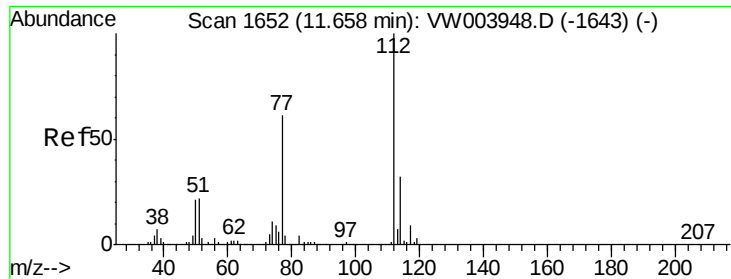
apatel
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#64
Tetrachloroethene
Concen: 67.54 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	152314		
166	126.7	103.5	155.3	
129	93.6	76.8	115.2	
131	90.0	73.2	109.8	





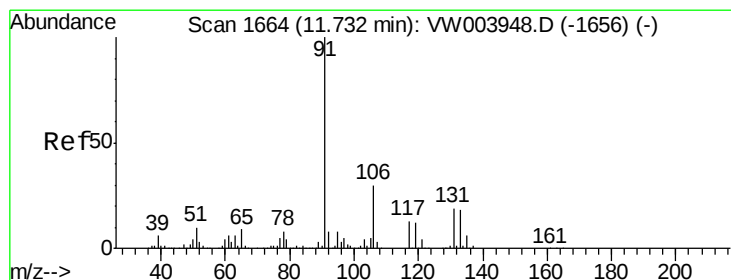
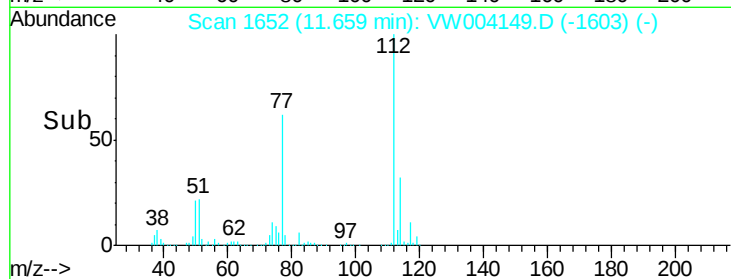
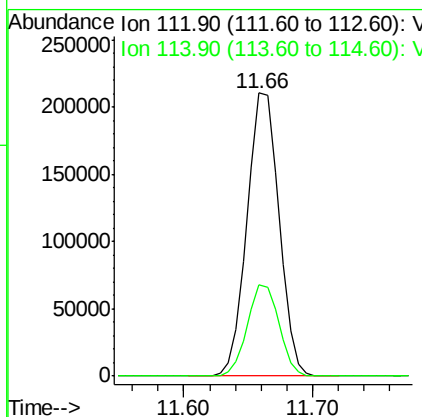
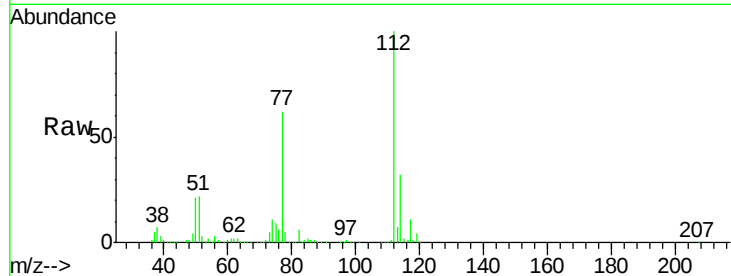
#65
Chlorobenzene
Concen: 51.74 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Instrument :
MSVOA_W
ClientSampleId :
KY030LC006-S-180716MSD

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.2	37.8

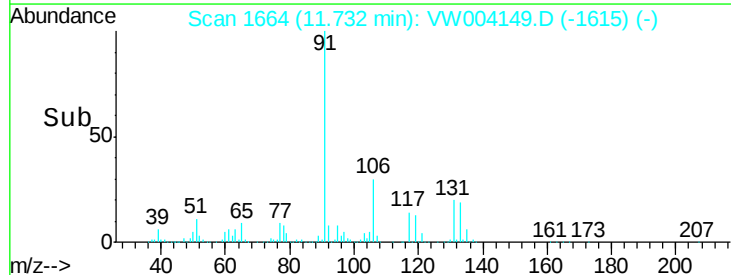
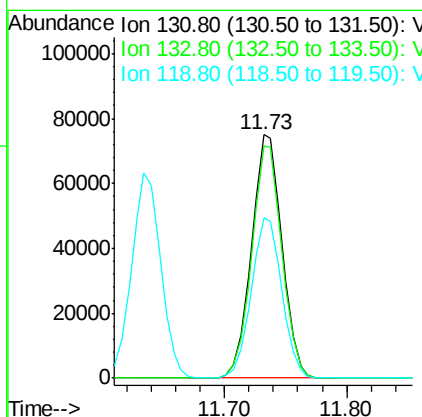
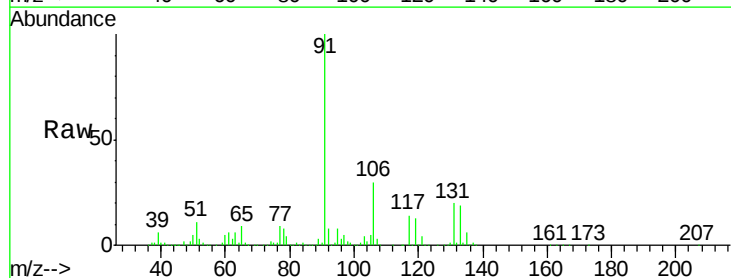
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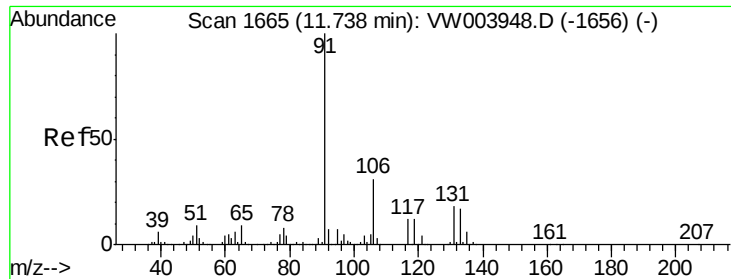
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.58 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.9	47.9	143.8
119	65.9	32.5	97.5





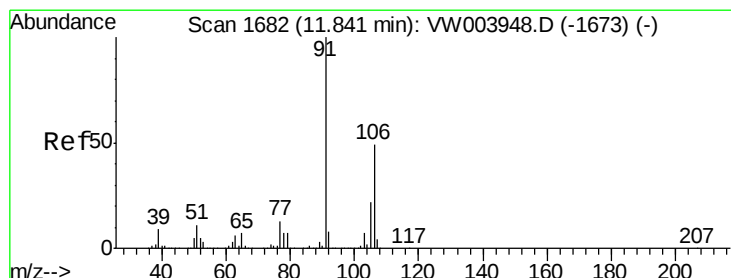
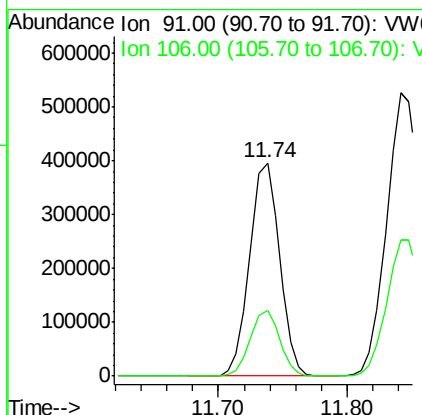
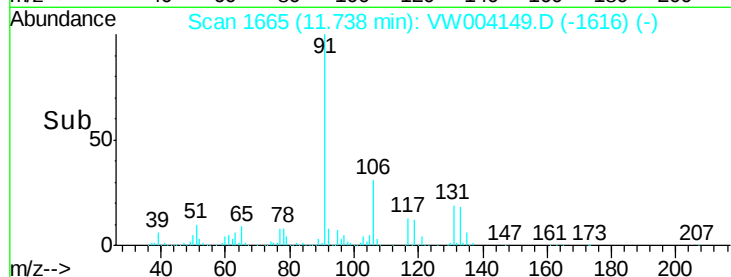
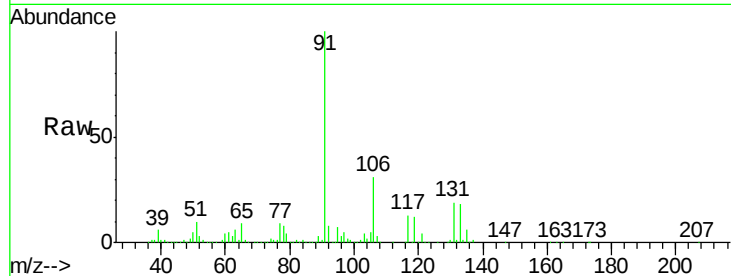
#67
Ethyl Benzene
Concen: 51.74 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Instrument :
MSVOA_W
ClientSampleId :
KY030LC006-S-180716MSD

Tot Ion: 91 Resp: 635247
Ion Ratio Lower Upper
91 100
106 30.9 25.0 37.4

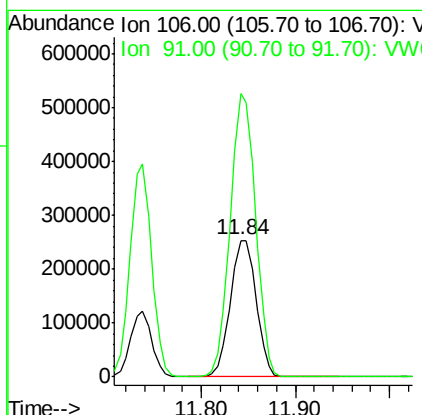
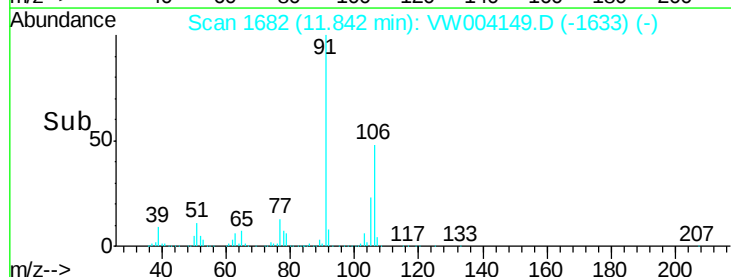
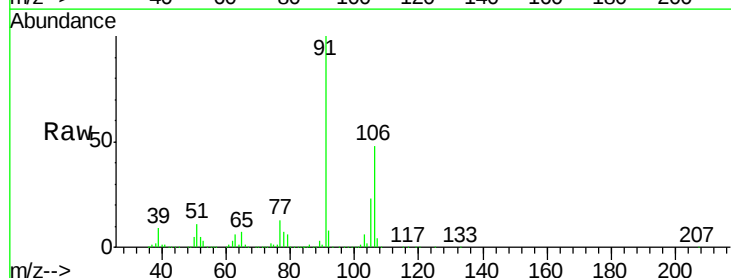
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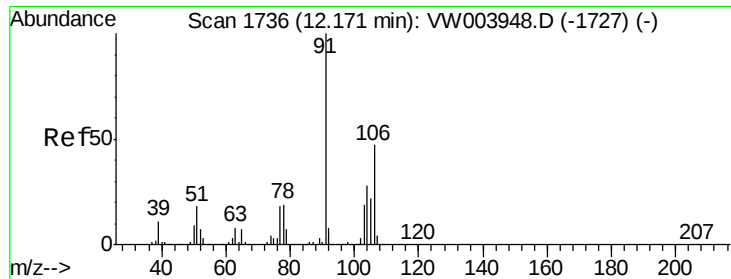
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#68
m/p-Xylenes
Concen: 102.92 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Tgt Ion: 106 Resp: 482943
Ion Ratio Lower Upper
106 100
91 204.0 164.2 246.2





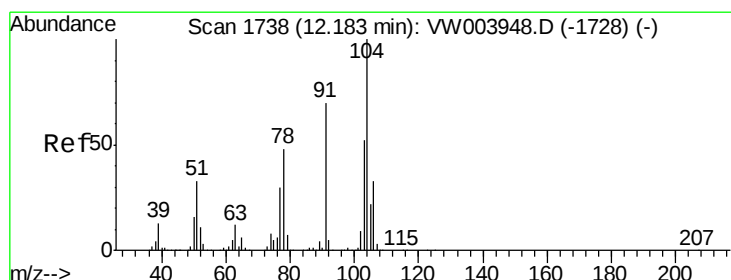
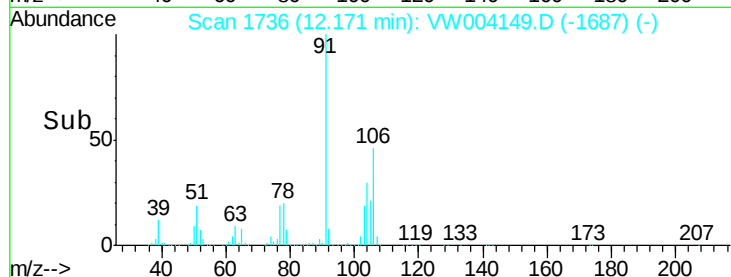
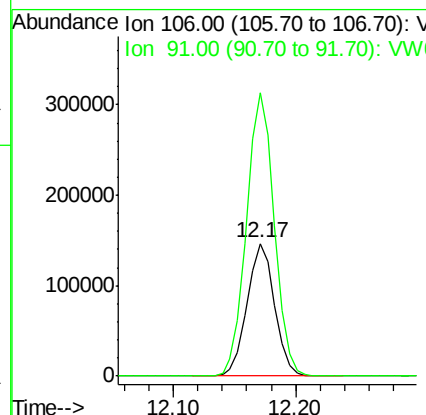
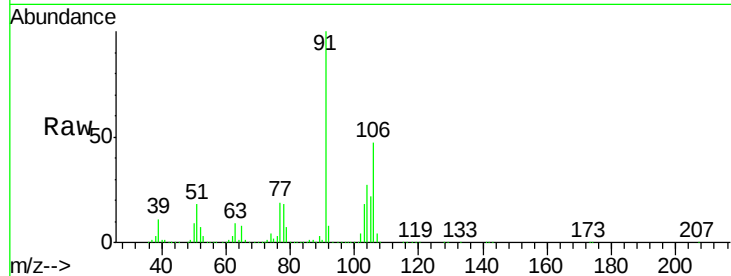
#69
o-Xylene
Concen: 52.35 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Instrument :
MSVOA_W
ClientSampleId :
KY030LC006-S-180716MSD

Tot Ion:106 Resp: 227859
Ion Ratio Lower Upper
106 100
91 215.7 107.5 322.6

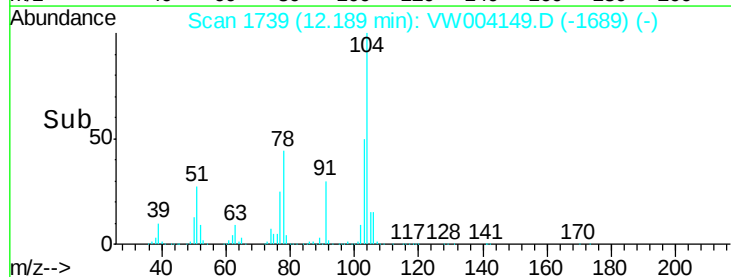
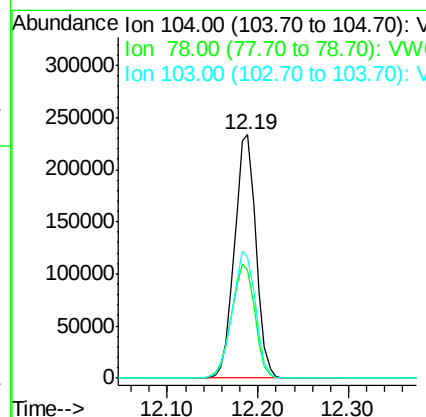
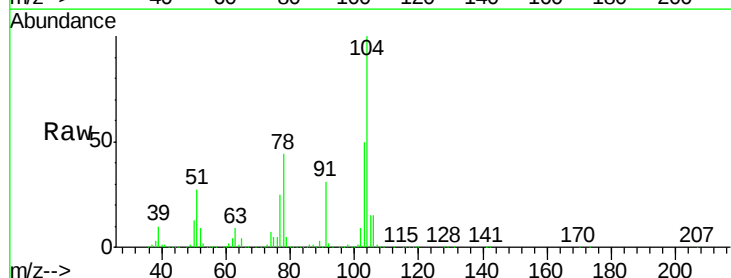
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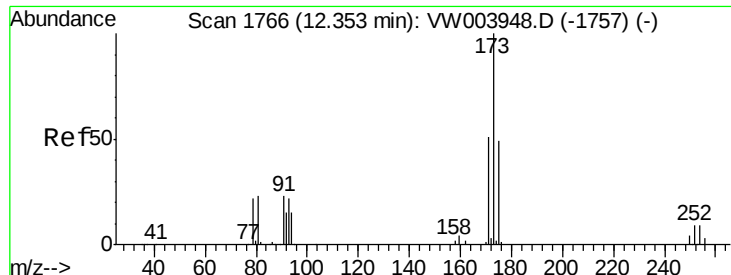
apatel
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#70
Styrene
Concen: 52.73 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Tgt Ion:104 Resp: 383372
Ion Ratio Lower Upper
104 100
78 51.0 41.0 61.4
103 55.8 44.6 67.0





#71

Bromoform

Concen: 56.02 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Instrument :

MSVOA_W

ClientSampleId :

KY030LC006-S-180716MSD

Tot Ion:173 Resp: 76821

Ion Ratio Lower Upper

173 100

175 48.0 24.4 73.2

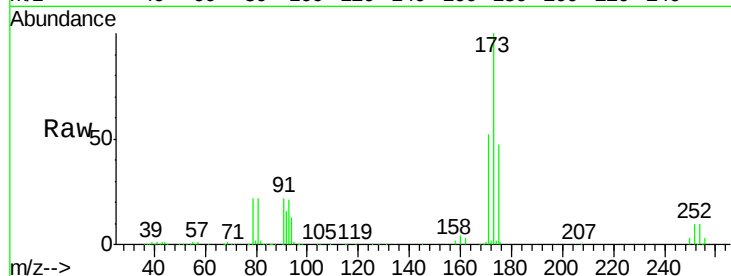
254 0.2 0.1 0.1#

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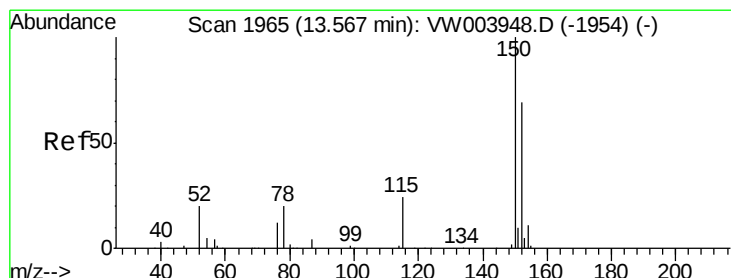
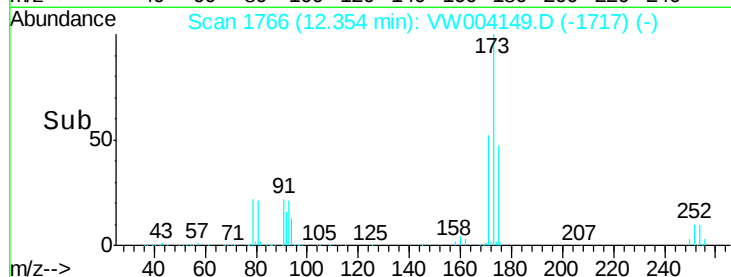
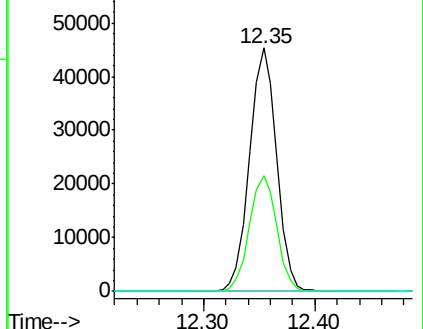
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Abundance Ion 172.70 (172.40 to 173.40): V

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# 1965

Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

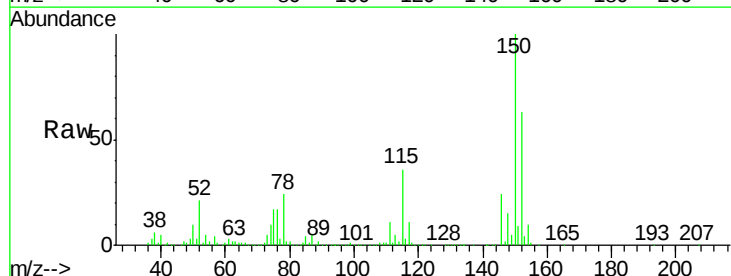
Tgt Ion:152 Resp: 159802

Ion Ratio Lower Upper

152 100

115 57.8 29.2 87.6

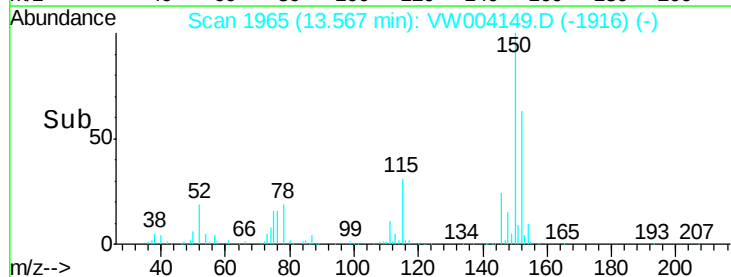
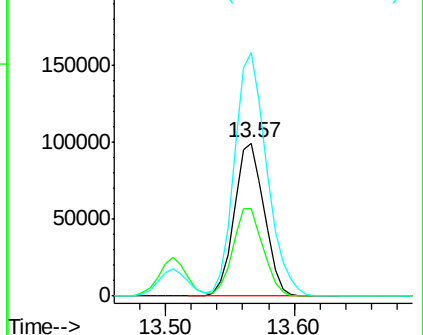
150 172.9 0.0 345.2

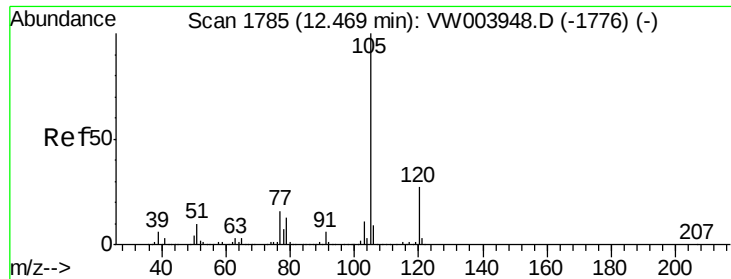


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.30 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Instrument :

MSVOA_W

ClientSampleId :

KY030LC006-S-180716MSD

Tot Ion:105 Resp: 590576

Ion Ratio Lower Upper

105 100

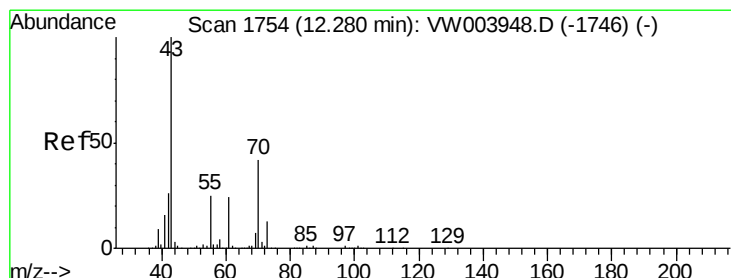
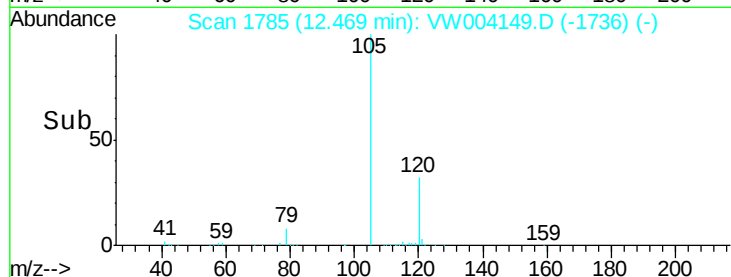
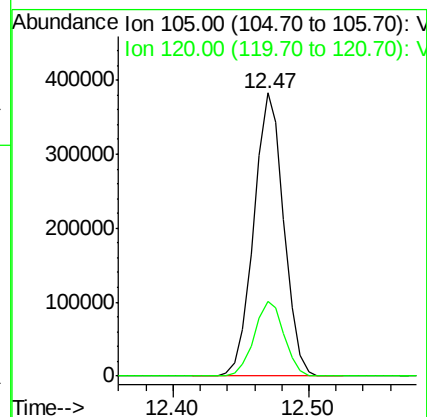
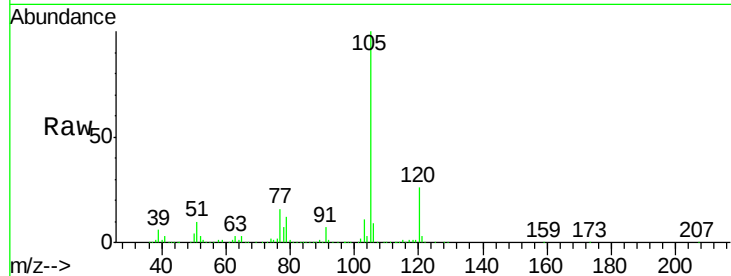
120 26.5 13.2 39.6

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#74

N-ethyl acetate

Concen: 45.97 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Tgt Ion: 43 Resp: 135259

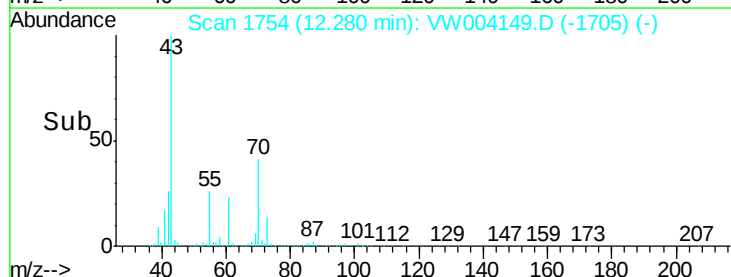
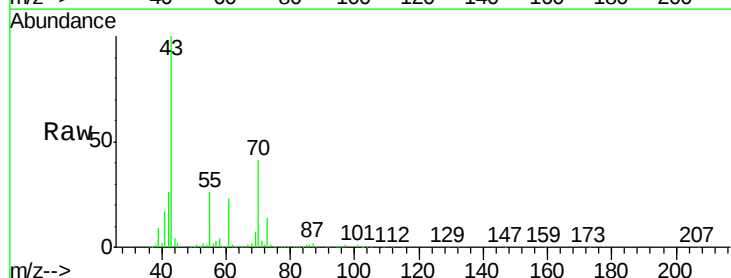
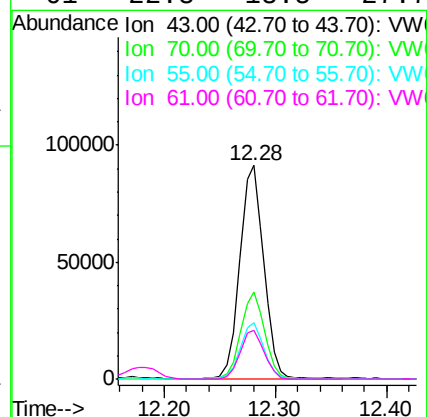
Ion Ratio Lower Upper

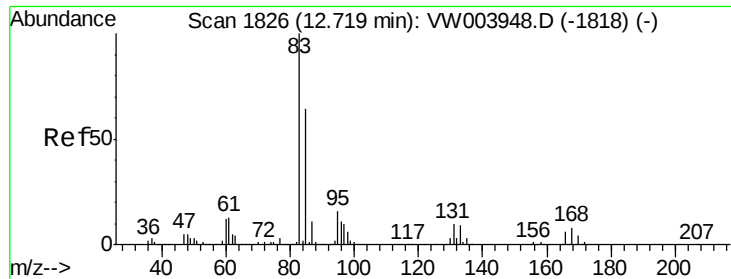
43 100

70 40.2 31.6 47.4

55 26.0 20.0 30.0

61 22.8 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 60.67 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Instrument :

MSVOA_W

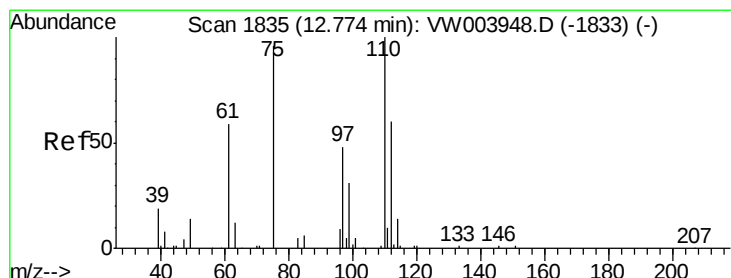
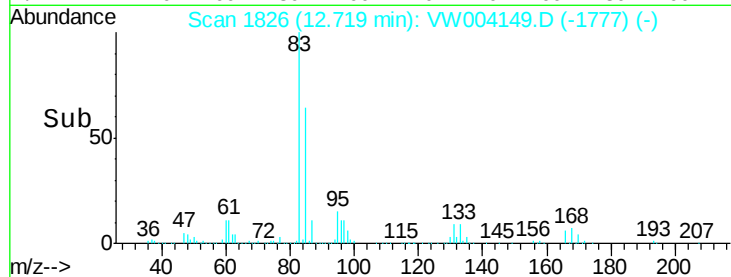
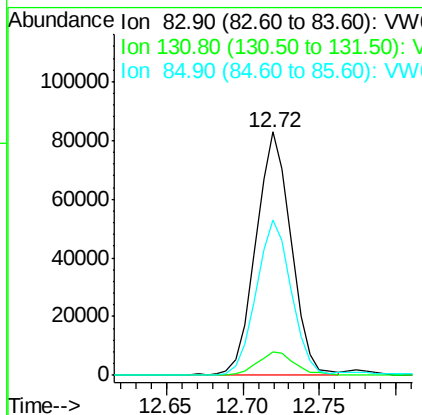
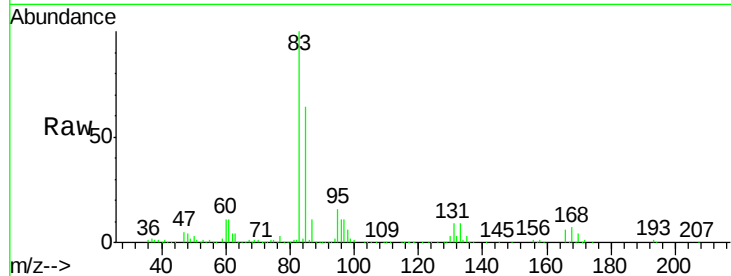
ClientSampleId :

KY030LC006-S-180716MSD

Tot Ion:	83	Resp:	132498
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.3	15.8
85	63.6	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 67.62 ug/l m

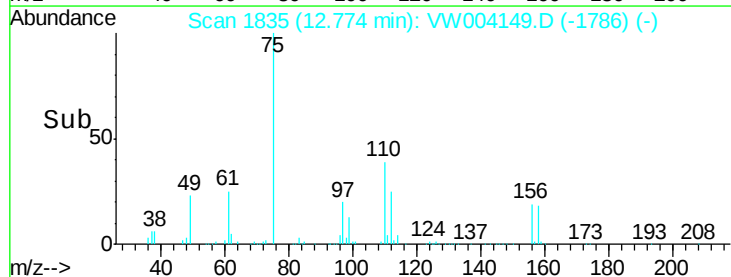
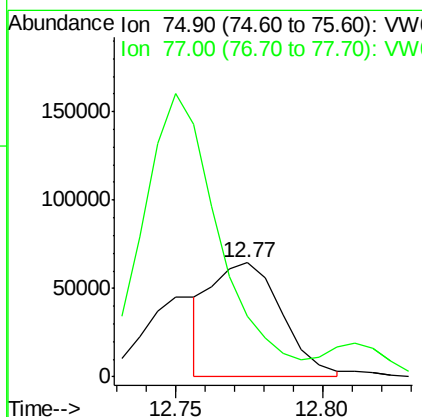
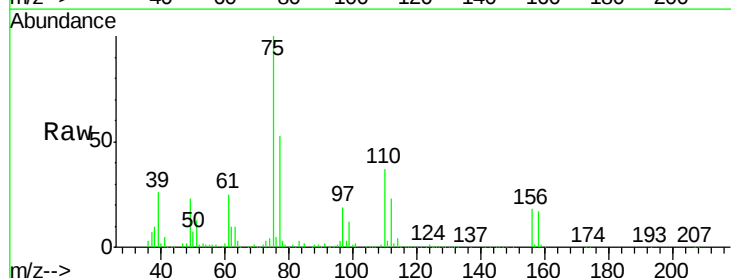
RT: 12.77 min Scan# 1835

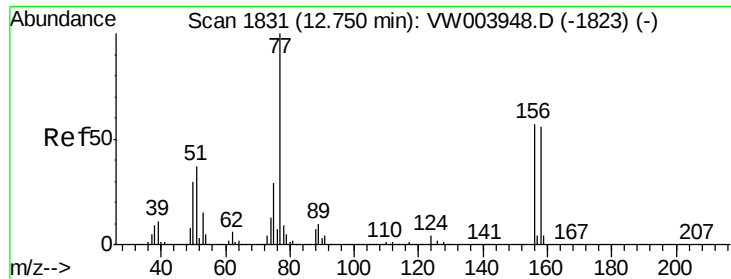
Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Tgt Ion:	75	Resp:	107269
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 54.16 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Instrument :

MSVOA_W

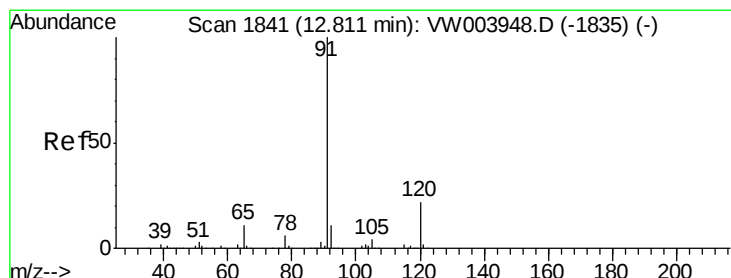
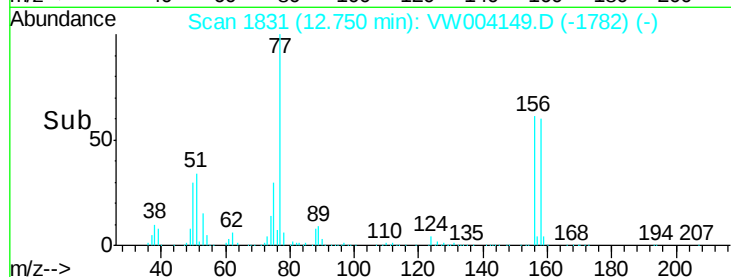
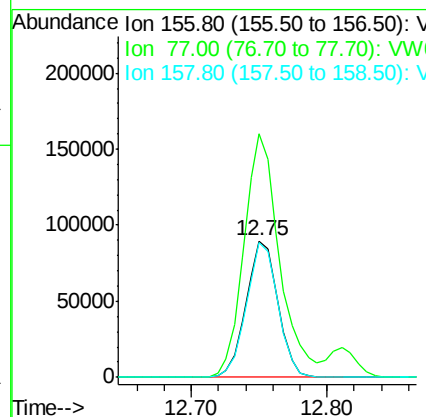
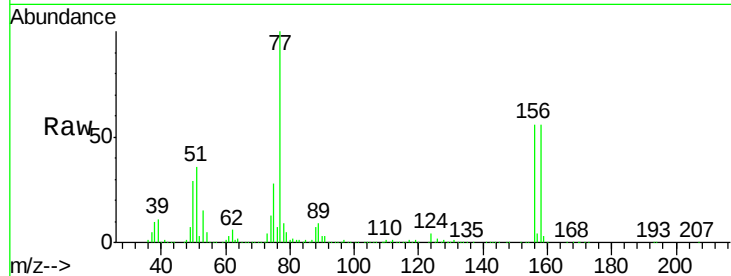
ClientSampleId :

KY030LC006-S-180716MSD

Tot Ion	Ratio	Lower	Upper
156	100		
77	198.4	96.2	288.6
158	97.9	48.5	145.5

Manual Integrations
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#78

n-propylbenzene

Concen: 51.52 ug/l

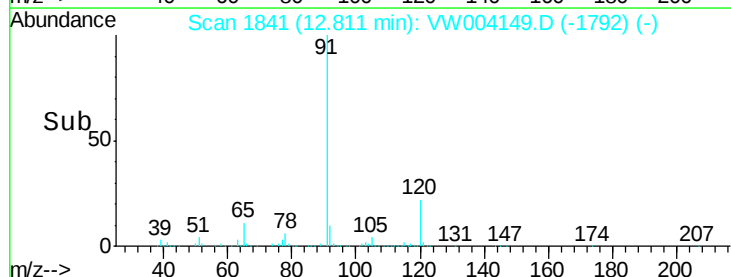
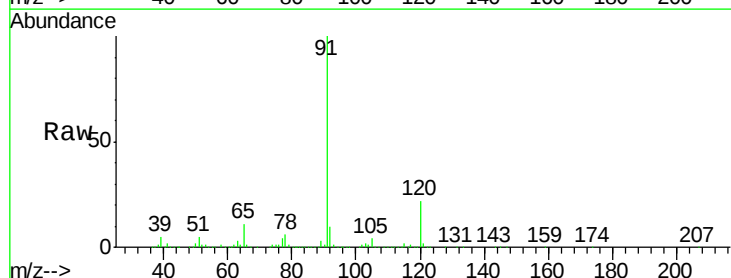
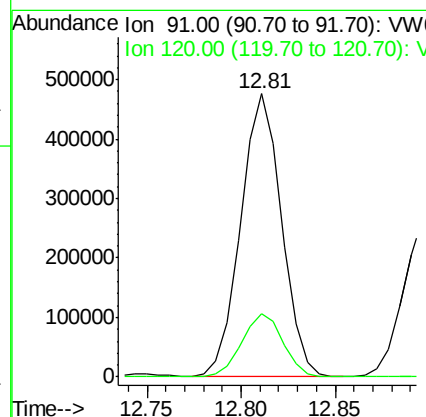
RT: 12.81 min Scan# 1841

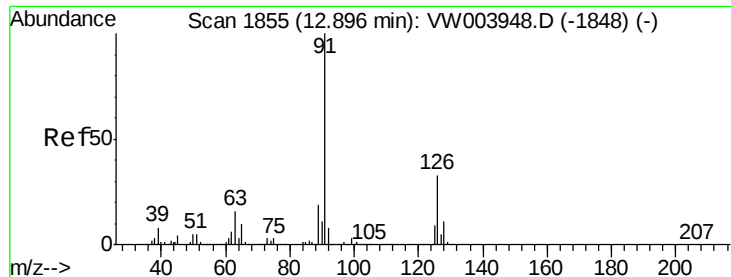
Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.2	33.6





#79

2-Chlorotoluene

Concen: 53.44 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Instrument :

MSVOA_W

ClientSampleId :

KY030LC006-S-180716MSD

Tot Ion: 91 Resp: 417504

Ion Ratio Lower Upper

91 100

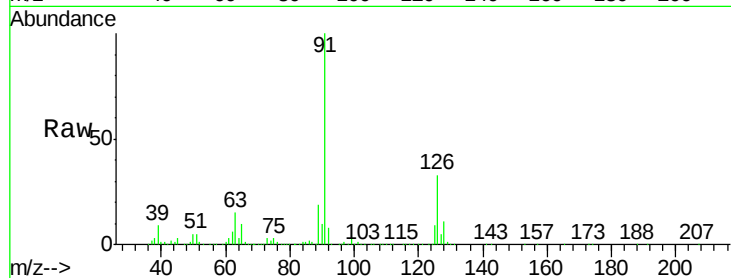
126 33.2 17.0 51.0

Manual Integrations

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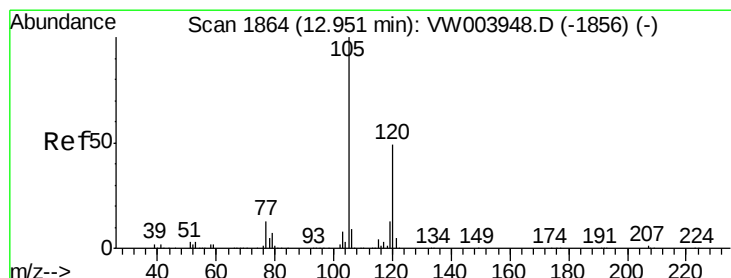
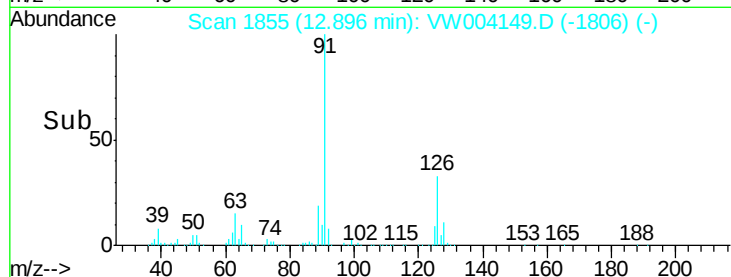
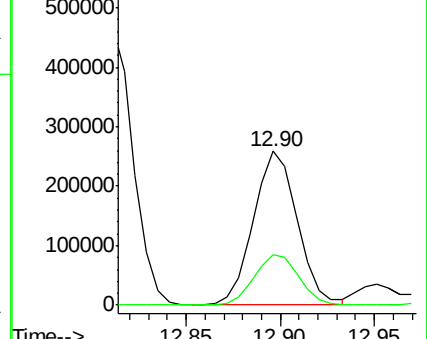
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.93 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004149.D

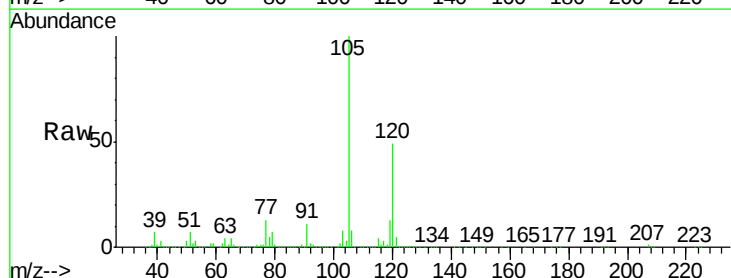
Acq: 23 Jul 2018 20:23

Tgt Ion:105 Resp: 493458

Ion Ratio Lower Upper

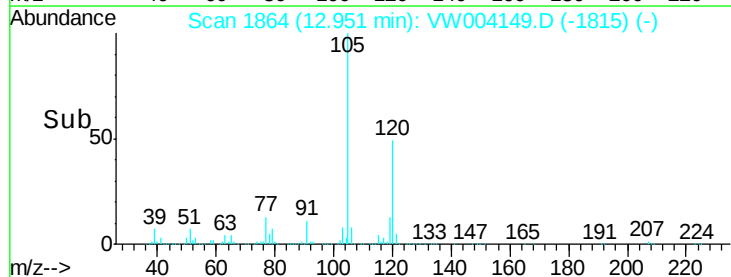
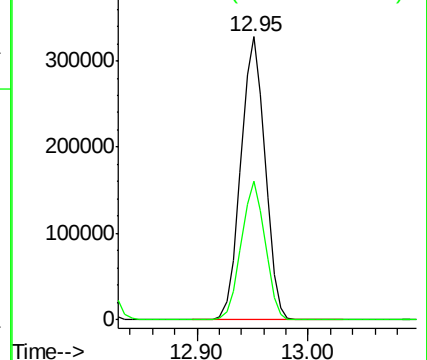
105 100

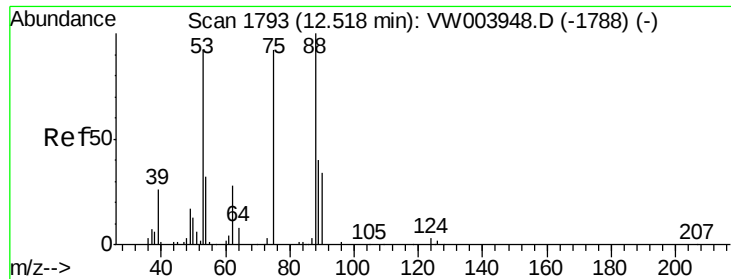
120 48.3 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





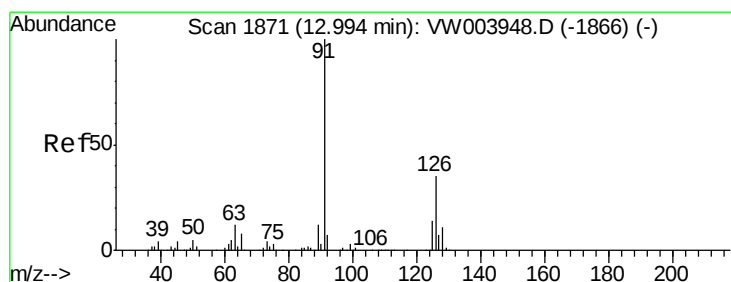
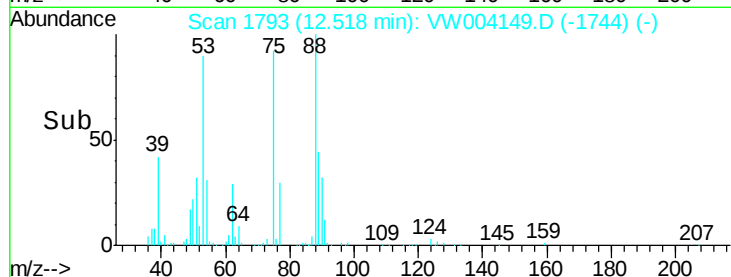
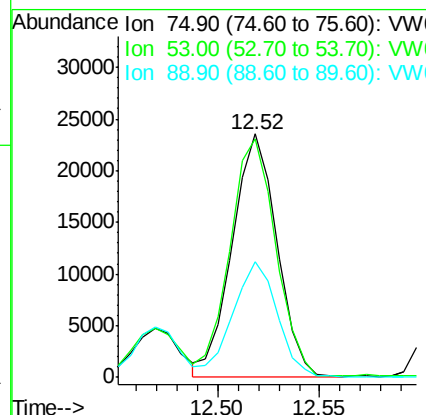
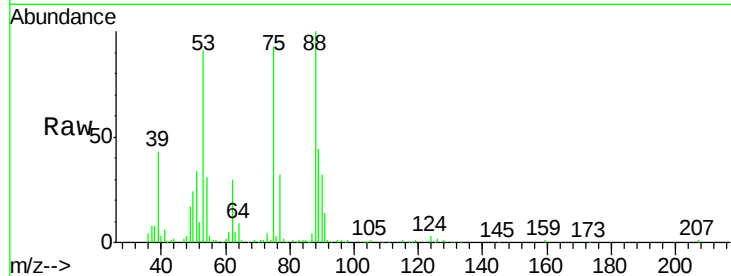
#81
trans-1,4-Dichloro-2-butene
Concen: 49.41 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Instrument :
MSVOA_W
ClientSampleId :
KY030LC006-S-180716MSD

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.5	77.6	116.4
89	48.1	36.6	54.8

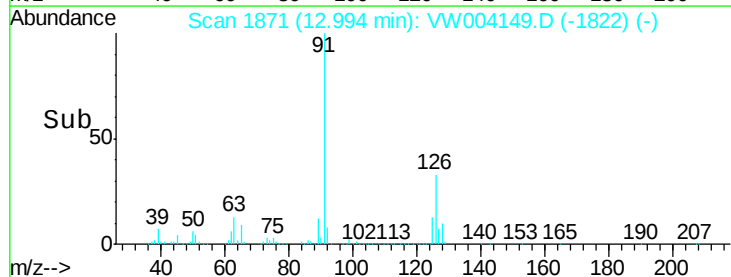
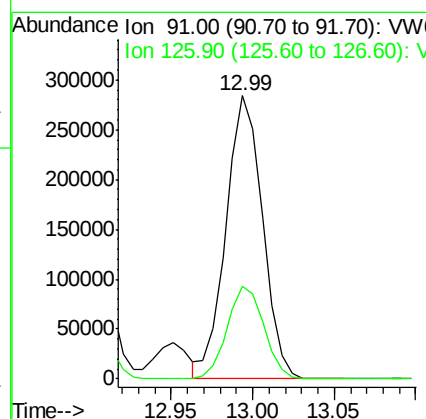
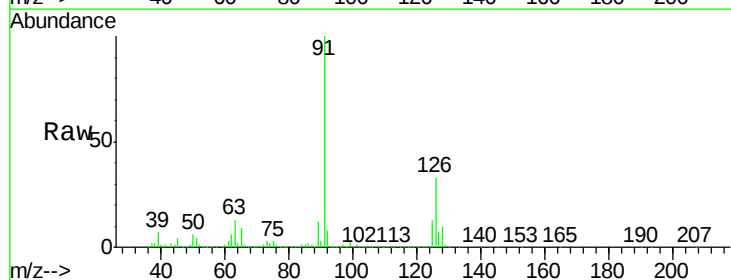
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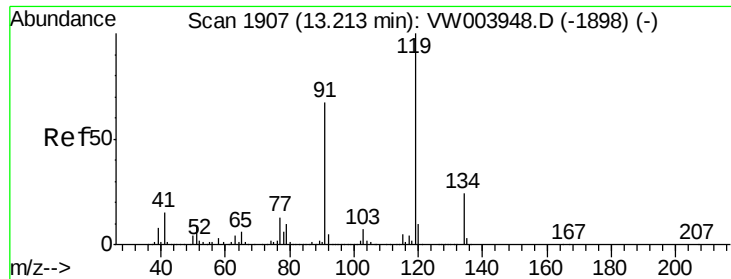
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#82
4-Chlorotoluene
Concen: 52.75 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.7	50.0





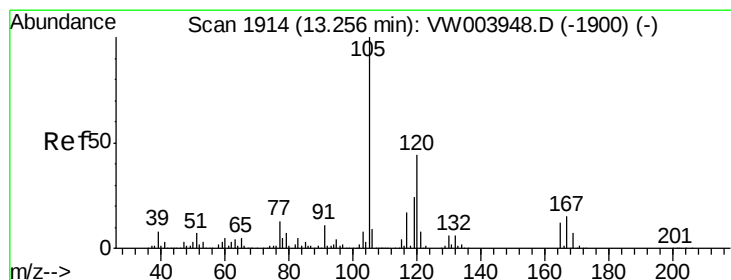
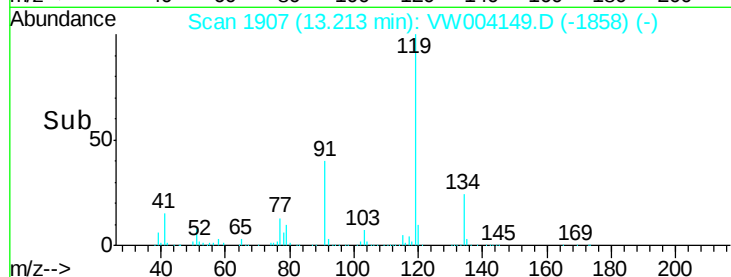
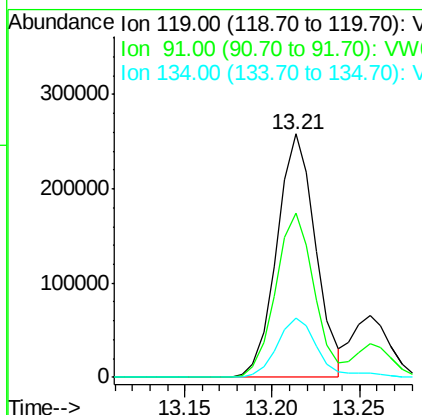
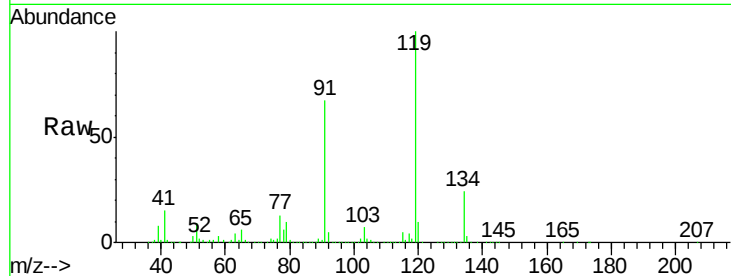
#83
tert-Butylbenzene
Concen: 50.16 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Instrument :
MSVOA_W
ClientSampleId :
KY030LC006-S-180716MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	400219		
91	66.8		33.2	99.6
134	25.6		13.0	38.9

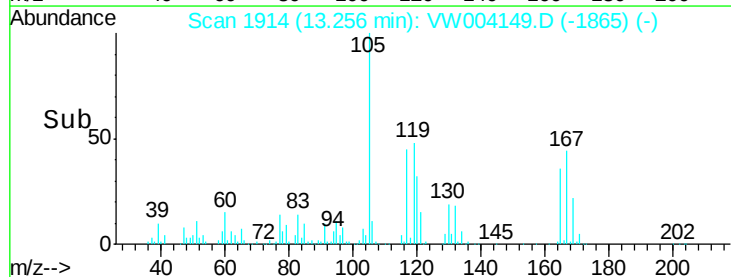
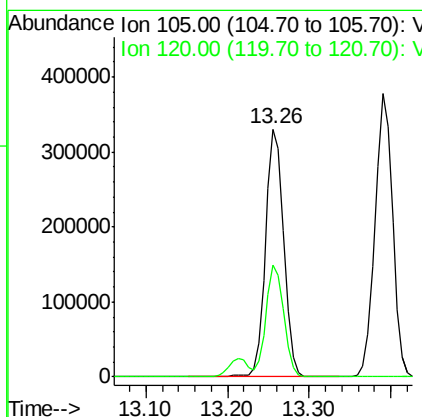
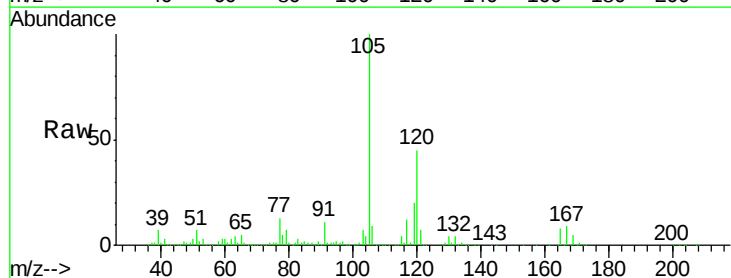
Manual Integrations
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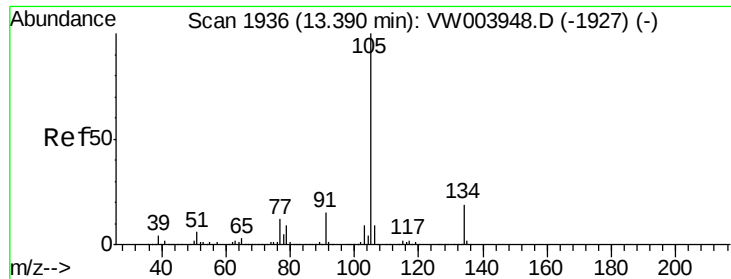
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#84
1,2,4-Trimethylbenzene
Concen: 52.51 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	513361		
120	44.0		22.1	66.1





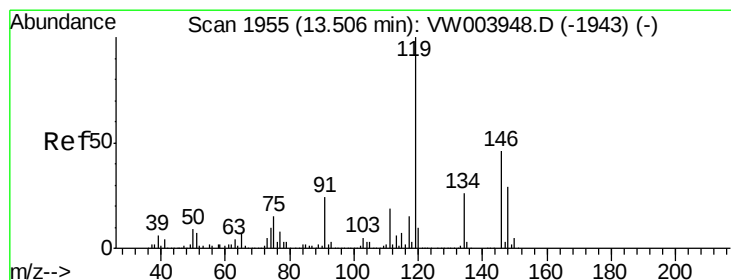
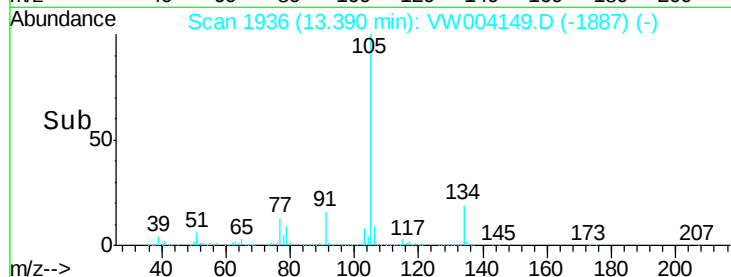
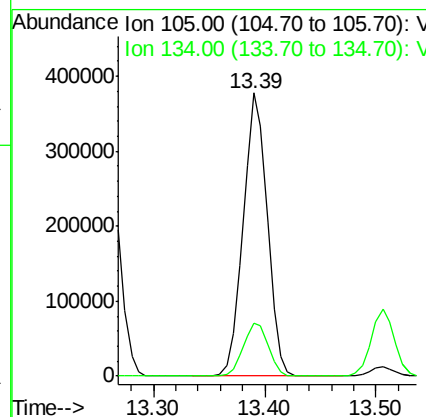
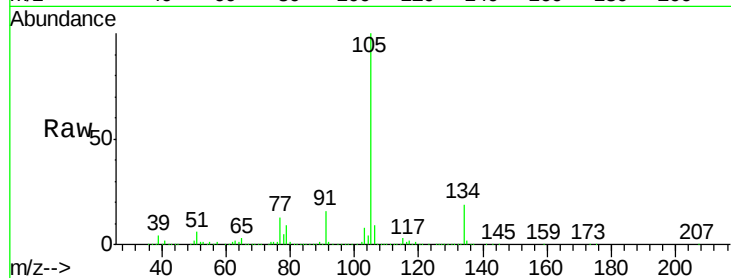
#85
 sec-Butylbenzene
 Concen: 47.69 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004149.D
 Acq: 23 Jul 2018 20:23

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC006-S-180716MSD

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.8	29.4

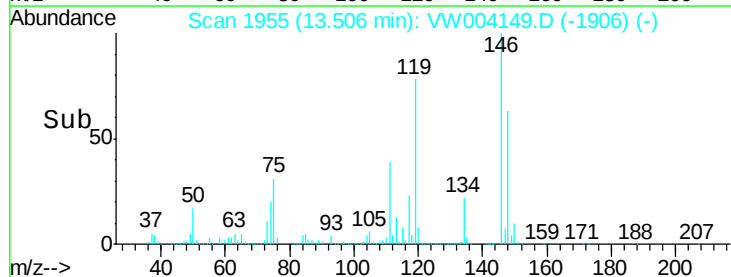
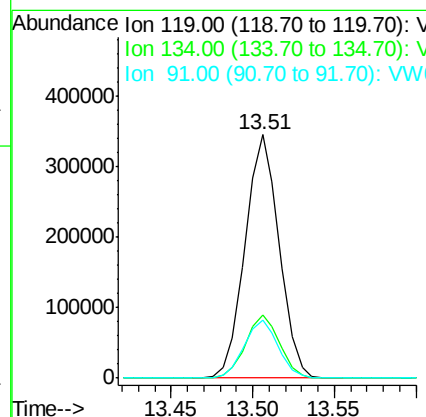
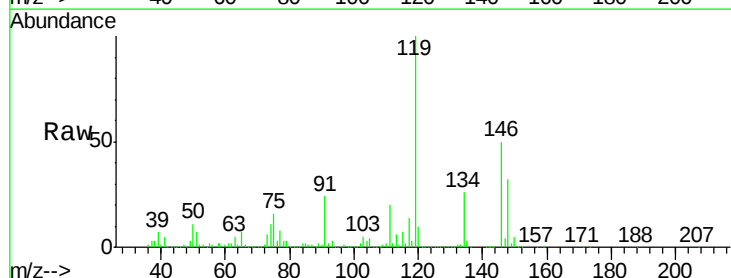
Manual Integrations
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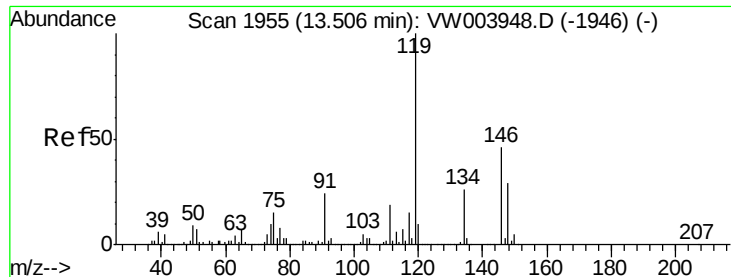
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#86
 p-Isopropyltoluene
 Concen: 48.32 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004149.D
 Acq: 23 Jul 2018 20:23

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.0	38.9
91	23.7	11.8	35.3





#87

1,3-Dichlorobenzene

Concen: 50.98 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Instrument :

MSVOA_W

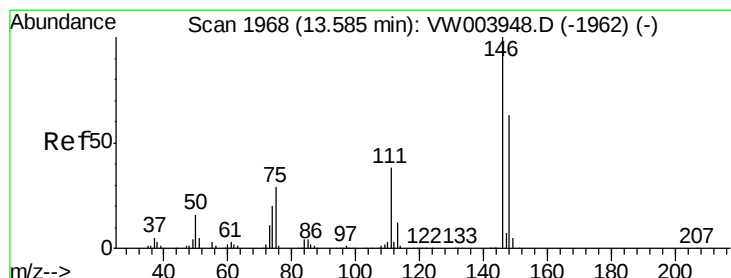
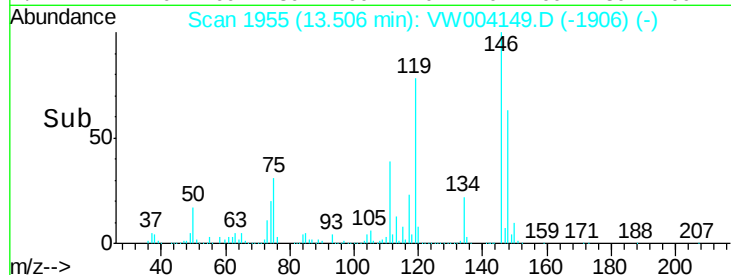
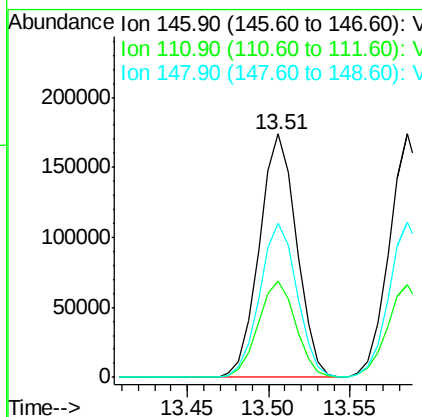
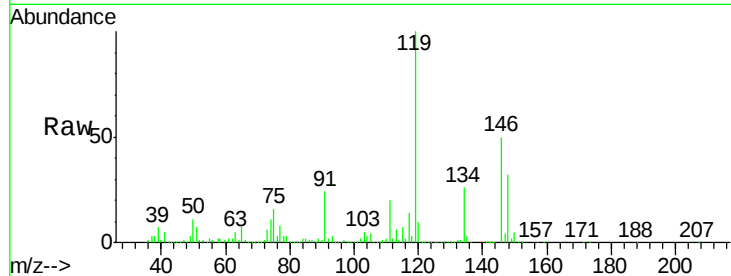
ClientSampleId :

KY030LC006-S-180716MSD

Tot Ion:	146	Resp:	275128
Ion Ratio	Lower	Upper	
146	100		
111	39.9	19.9	59.6
148	63.3	31.9	95.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 50.68 ug/l

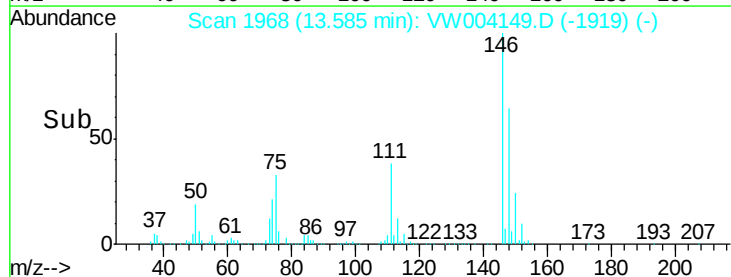
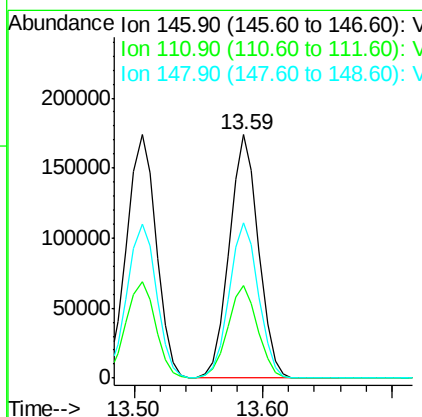
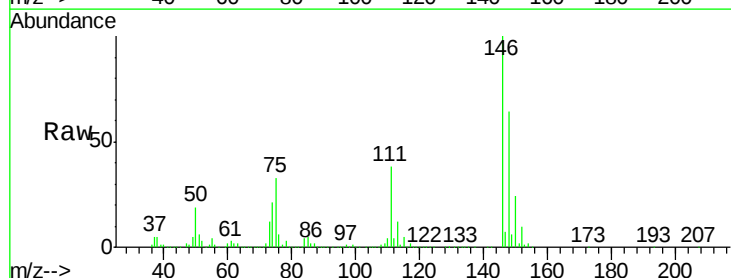
RT: 13.59 min Scan# 1968

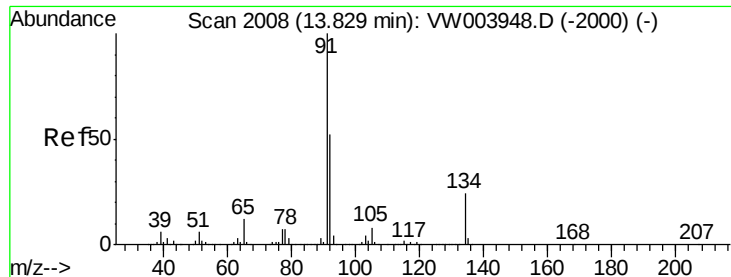
Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Tgt Ion:	146	Resp:	274317
Ion Ratio	Lower	Upper	
146	100		
111	39.2	19.6	58.7
148	64.2	32.3	96.8





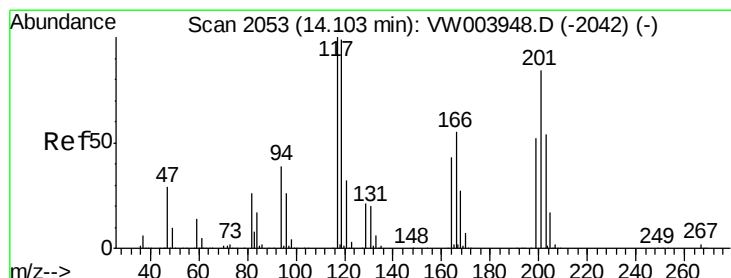
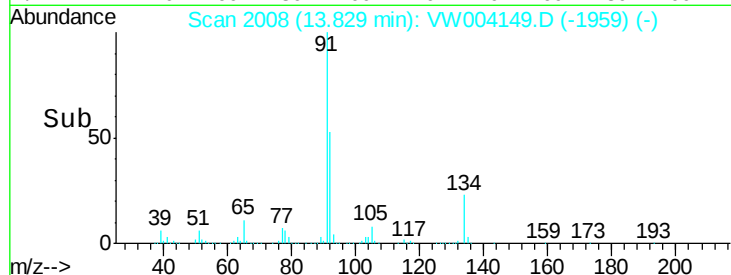
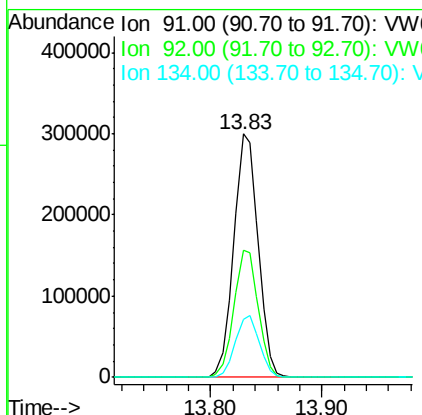
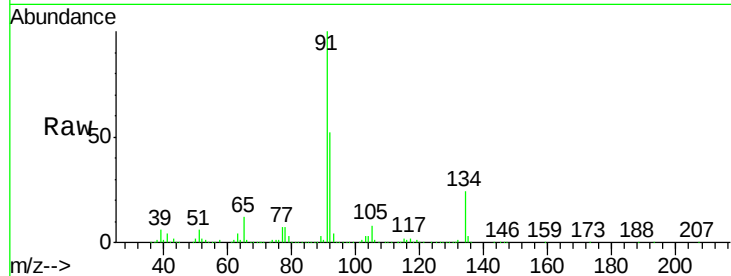
#89
n-Butylbenzene
Concen: 44.24 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Instrument :
MSVOA_W
ClientSampleId :
KY030LC006-S-180716MSD

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.1	78.3
134	25.1	12.4	37.4

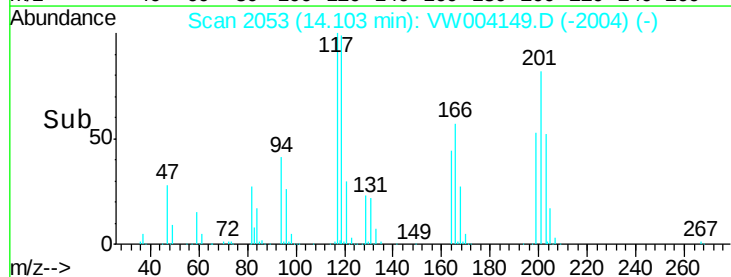
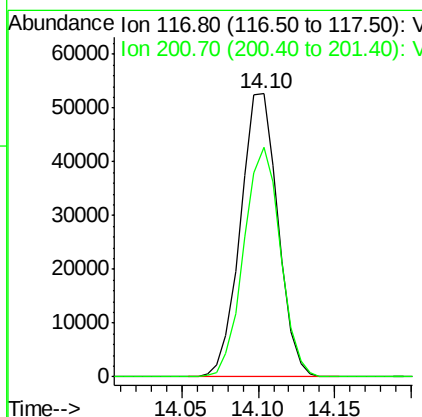
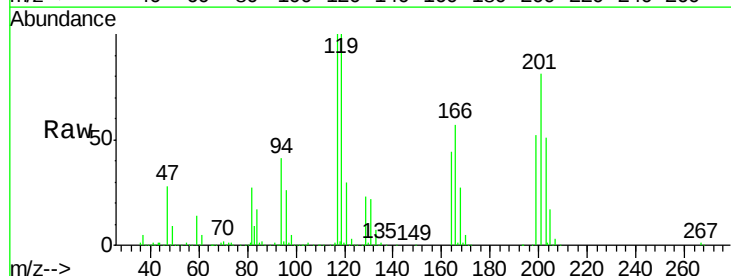
Manual Integrations
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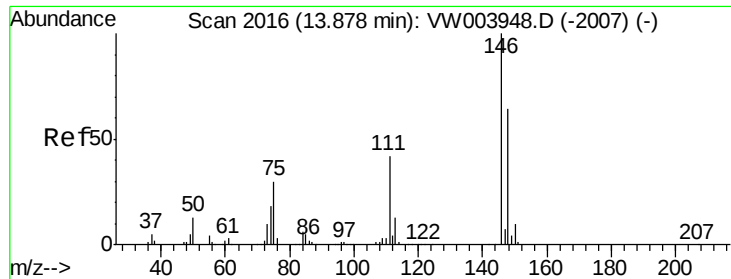
apatel
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#90
Hexachloroethane
Concen: 46.80 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.5	40.3	120.9





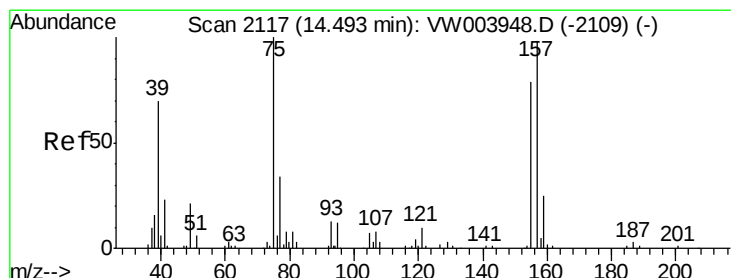
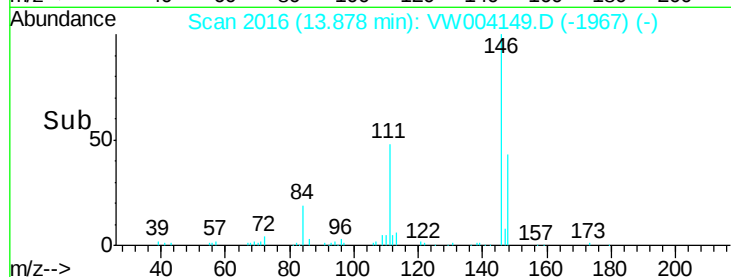
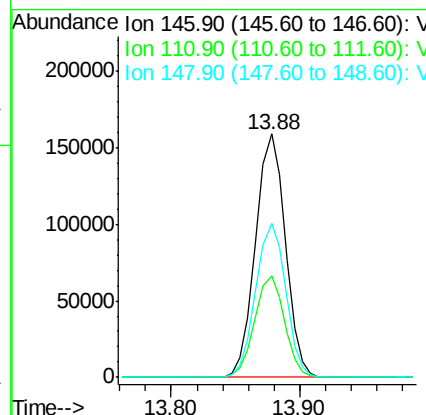
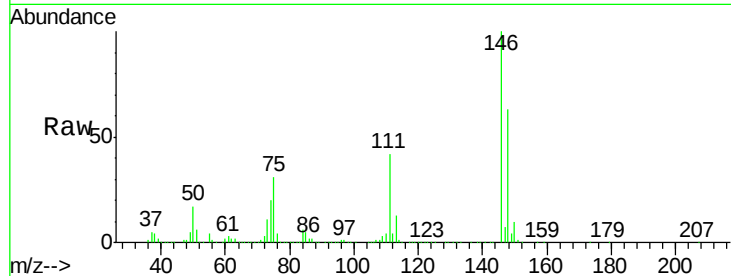
#91
 1,2-Dichlorobenzene
 Concen: 52.76 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW004149.D
 Acq: 23 Jul 2018 20:23

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC006-S-180716MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.7	62.1
148	63.7	32.0	96.2

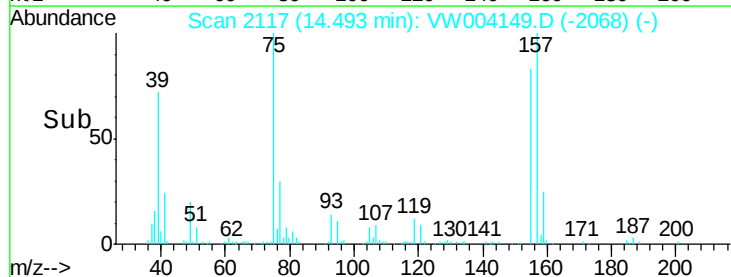
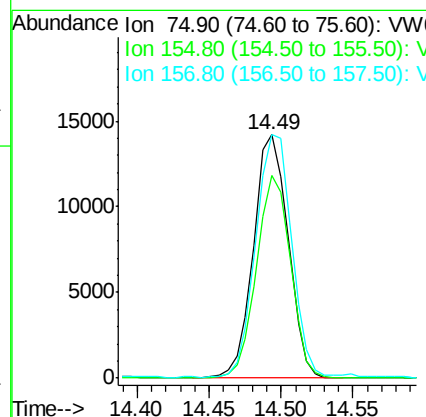
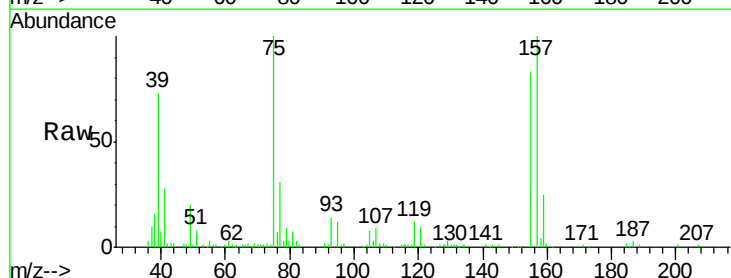
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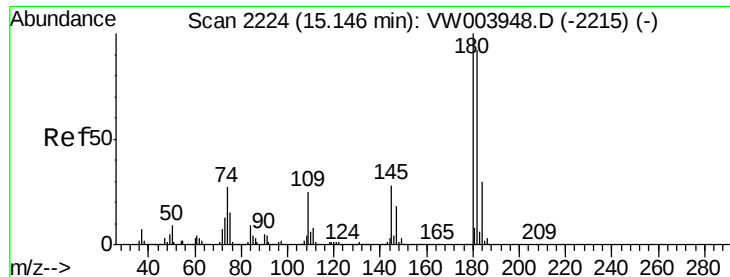
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 60.74 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW004149.D
 Acq: 23 Jul 2018 20:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.7	39.4	118.1
157	104.3	51.8	155.4





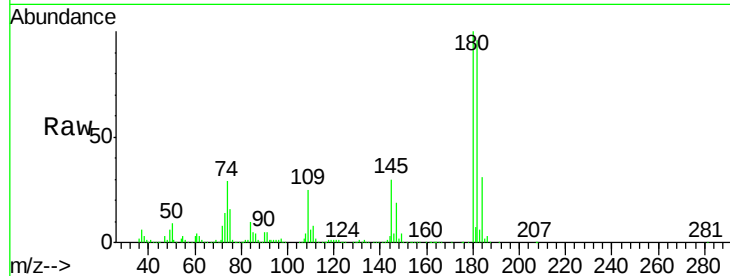
#93
 1,2,4-Trichlorobenzene
 Concen: 45.10 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW004149.D
 Acq: 23 Jul 2018 20:23

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC006-S-180716MSD

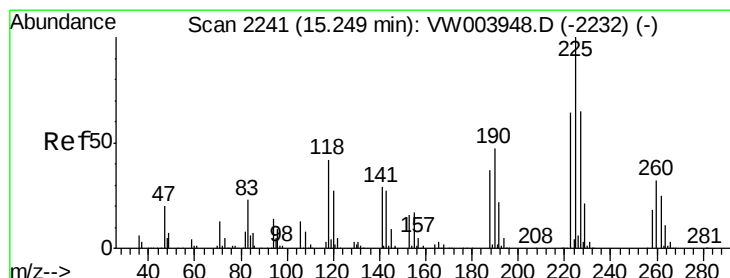
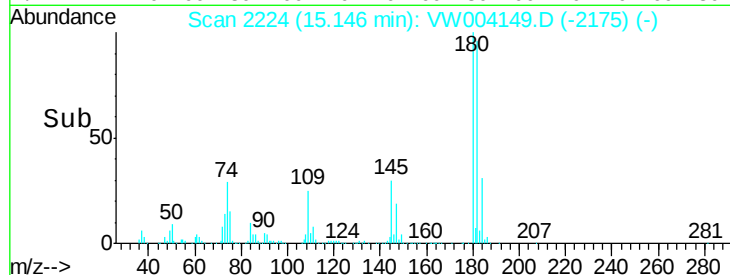
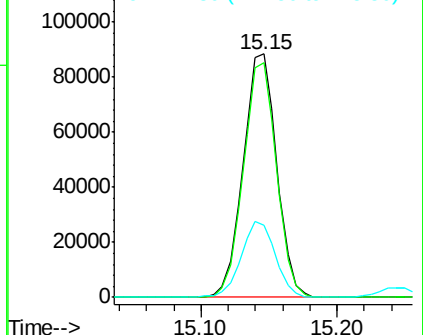
Tot Ion	Ratio	Resp	Lower	Upper
180	100	152295		
182	95.1	46.9	140.8	
145	31.8	15.0	45.0	

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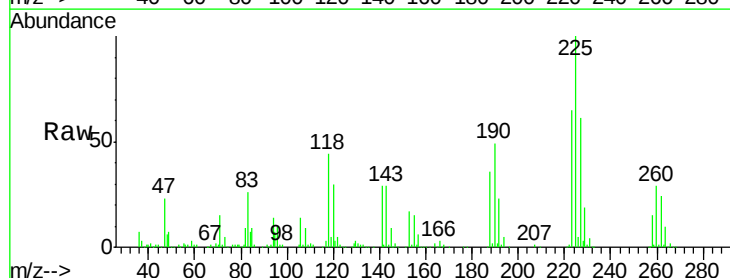


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

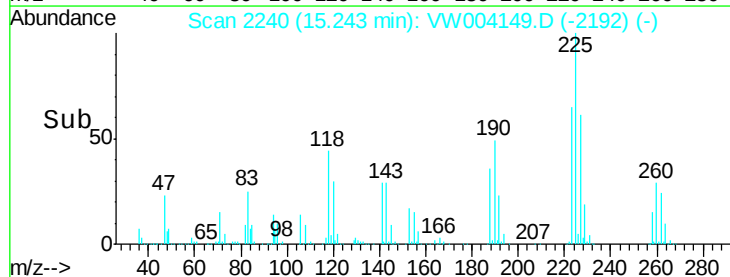
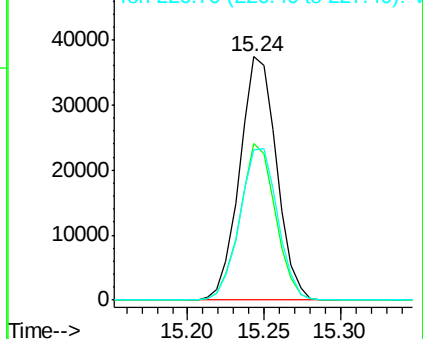


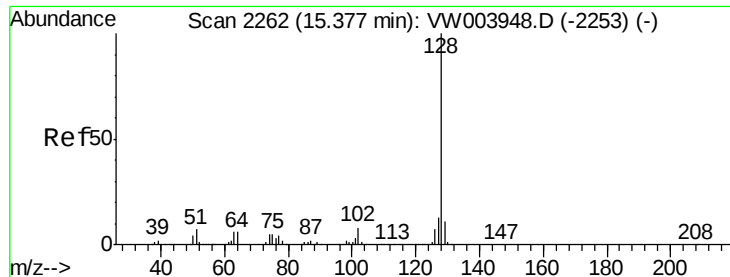
#94
 Hexachlorobutadiene
 Concen: 32.26 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW004149.D
 Acq: 23 Jul 2018 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	62555		
223	62.2	32.0	96.2	
227	63.9	32.3	96.9	



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





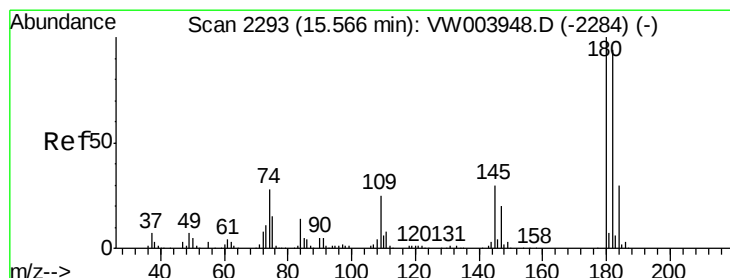
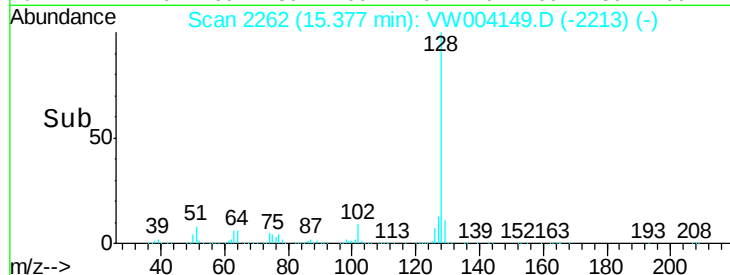
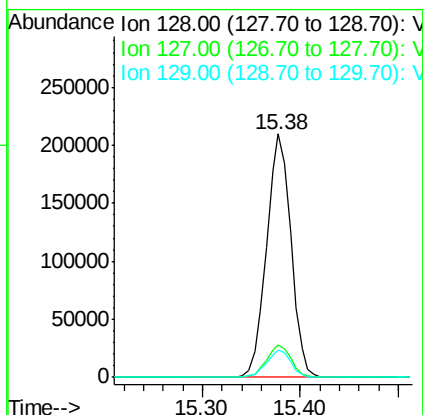
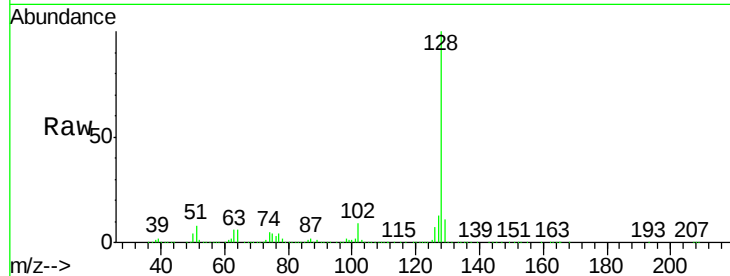
#95
Naphthalene
Concen: 58.09 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Instrument :
MSVOA_W
ClientSampleId :
KY030LC006-S-180716MSD

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.7	16.1
129	11.1	8.7	13.1

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#96
1,2,3-Trichlorobenzene
Concen: 46.41 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.5	142.6
145	33.6	15.8	47.4

