

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004309.D
 Acq On : 29 Jul 2018 12:38
 Operator : SY/AP
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

apatel
 7/30/2018 10:32:25 AM

Quant Time: Jul 30 01:44:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 30 01:27:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	269837	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	410535	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	377051	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	202310	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	54009	19.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.68%	
35) Dibromofluoromethane	7.88	113	50388	19.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.84%	
50) Toluene-d8	10.32	98	198303	19.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.68%	
62) 4-Bromofluorobenzene	12.62	95	71014	19.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	16019m	16.75	ug/l	
3) Chloromethane	2.21	50	24349	16.09	ug/l	99
4) Vinyl Chloride	2.36	62	48894	18.77	ug/l	99
5) Bromomethane	2.77	94	30192	17.55	ug/l	99
6) Chloroethane	2.92	64	27155	16.61	ug/l	99
7) Trichlorofluoromethane	3.25	101	27948	17.93	ug/l	95
8) Diethyl Ether	3.67	74	21206	15.53	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	38658	14.30	ug/l	95
10) Methyl Iodide	4.26	142	60205	14.89	ug/l	99
11) Tert butyl alcohol	5.18	59	15084	75.54	ug/l	99
12) 1,1-Dichloroethene	4.03	96	37415	13.86	ug/l	92
13) Acrolein	3.89	56	11029	62.31	ug/l	96
14) Allyl chloride	4.66	41	57794	13.31	ug/l	93
15) Acrylonitrile	5.37	53	44923	73.26	ug/l	99
16) Acetone	4.12	43	39887	63.95	ug/l	96
17) Carbon Disulfide	4.37	76	116882	14.00	ug/l	100
18) Methyl Acetate	4.67	43	20795	12.96	ug/l	94
19) Methyl tert-butyl Ether	5.42	73	76164	15.84	ug/l	95
20) Methylene Chloride	4.90	84	42243	14.55	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	44340	15.40	ug/l	91
22) Diisopropyl ether	6.31	45	150230	18.39	ug/l	99
23) Vinyl Acetate	6.26	43	420331	88.67	ug/l	97
24) 1,1-Dichloroethane	6.21	63	89487	17.01	ug/l	98
25) 2-Butanone	7.18	43	84889	112.29	ug/l	99
26) 2,2-Dichloropropane	7.17	77	64217	21.04	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	61109	20.85	ug/l	99
28) Bromochloromethane	7.51	49	43216	23.43	ug/l	97
29) Tetrahydrofuran	7.53	42	53993	111.62	ug/l	98
30) Chloroform	7.68	83	104592	20.81	ug/l	98
31) Cyclohexane	7.95	56	97887	21.07	ug/l	# 95
32) 1,1,1-Trichloroethane	7.87	97	84490	20.47	ug/l	100
36) 1,1-Dichloropropene	8.09	75	84744	20.63	ug/l	100
37) Ethyl Acetate	7.26	43	37352	22.19	ug/l	100
38) Carbon Tetrachloride	8.07	117	80164	19.77	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	95835	19.36	ug/l	97
40) Benzene	8.32	78	239493	20.73	ug/l	99
41) Methacrylonitrile	7.49	41	21409	22.03	ug/l	98
42) 1,2-Dichloroethane	8.40	62	62521	18.93	ug/l	100
43) Isopropyl Acetate	8.43	43	52729	17.38	ug/l	95
44) Trichloroethene	9.09	130	61452	19.70	ug/l	99
45) 1,2-Dichloropropane	9.37	63	61114	21.32	ug/l	99
46) Dibromomethane	9.46	93	30770	21.02	ug/l	99
47) Bromodichloromethane	9.65	83	75324	20.29	ug/l	99
48) Methyl methacrylate	9.44	41	32264	20.89	ug/l	98
49) 1,4-Dioxane	9.45	88	9895	445.86	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	181844	109.24	ug/l	99
52) Toluene	10.39	92	147638	20.35	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	71632	19.26	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	88677	20.45	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	43375	20.79	ug/l	94
56) Ethyl methacrylate	10.65	69	51707	20.49	ug/l	98
57) 1,3-Dichloropropane	10.94	76	74623	21.00	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	121498	108.36	ug/l	99
59) 2-Hexanone	10.98	43	127611	111.64	ug/l	99
60) Dibromochloromethane	11.13	129	51534	20.65	ug/l	96
61) 1,2-Dibromoethane	11.24	107	40467	20.34	ug/l	98
64) Tetrachloroethene	10.87	164	53535	19.38	ug/l	97
65) Chlorobenzene	11.66	112	156250	19.73	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.74	131	55807	19.98	ug/l	98
67) Ethyl Benzene	11.74	91	271238	19.65	ug/l	97
68) m/p-Xylenes	11.85	106	214826	40.44	ug/l	100
69) o-Xylene	12.17	106	89587	18.25	ug/l	95
70) Styrene	12.19	104	156168	18.83	ug/l	97
71) Bromoform	12.35	173	30438	19.45	ug/l	# 100
73) Isopropylbenzene	12.47	105	275289	19.62	ug/l	99
74) N-amyl acetate	12.28	43	64336	21.16	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	51067	20.78	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	34528m	11.20	ug/l	
77) Bromobenzene	12.76	156	66068	19.49	ug/l	98
78) n-propylbenzene	12.81	91	336932	19.72	ug/l	99
79) 2-Chlorotoluene	12.90	91	190400	19.48	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	239444	19.81	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	16406	20.68	ug/l	97
82) 4-Chlorotoluene	12.99	91	209590	20.26	ug/l	97
83) tert-Butylbenzene	13.21	119	193660	19.24	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	247109	20.05	ug/l	99
85) sec-Butylbenzene	13.39	105	292977	19.92	ug/l	98
86) p-Isopropyltoluene	13.51	119	267316	20.24	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	138582	20.43	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	133178	19.68	ug/l	99
89) n-Butylbenzene	13.84	91	249486	20.23	ug/l	100
90) Hexachloroethane	14.10	117	46694	19.82	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	122736	20.21	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8864	20.66	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	84136	19.73	ug/l	100
94) Hexachlorobutadiene	15.25	225	50324	19.32	ug/l	99
95) Naphthalene	15.38	128	142750	19.46	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	73433	19.68	ug/l	99

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

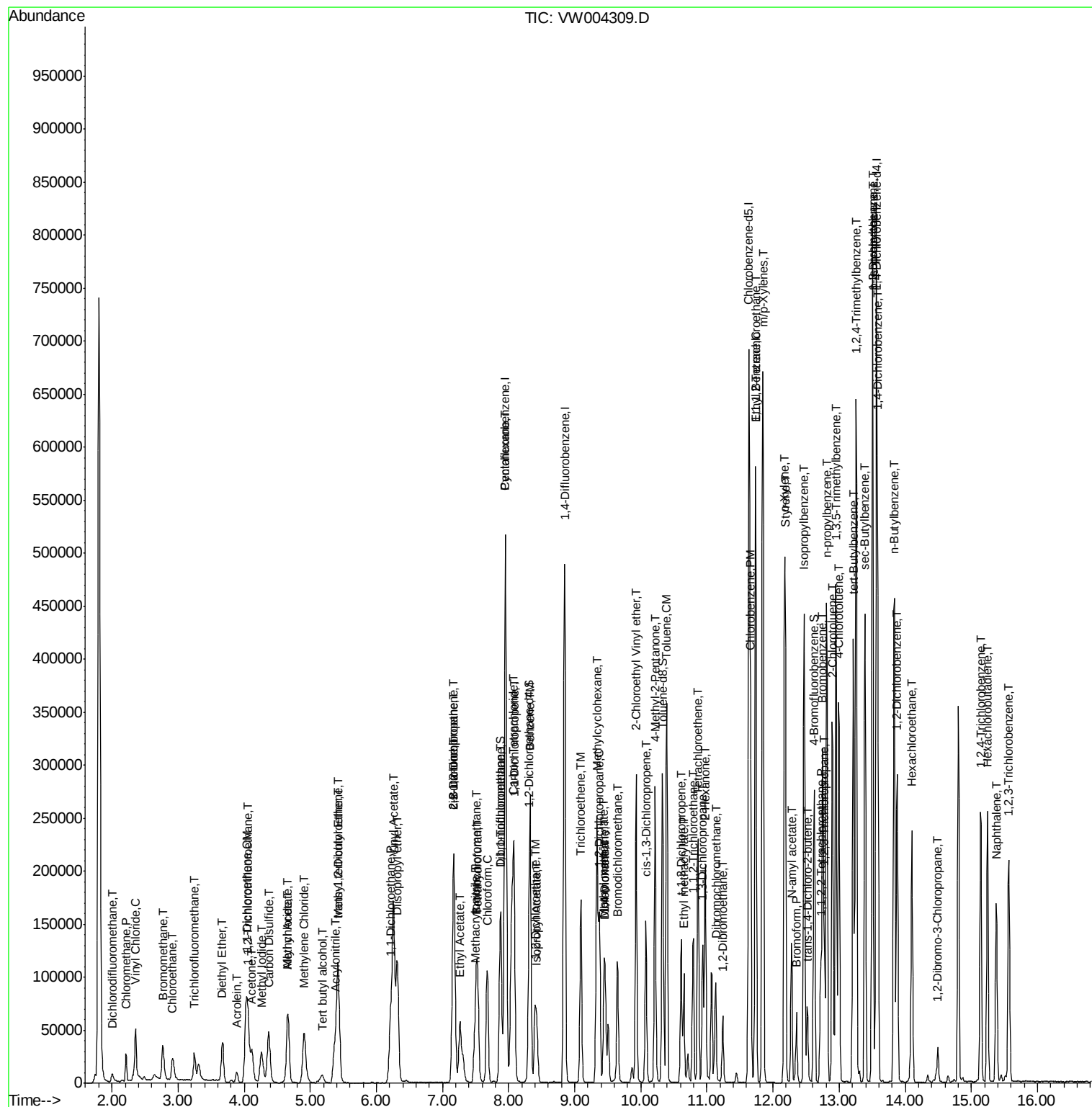
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
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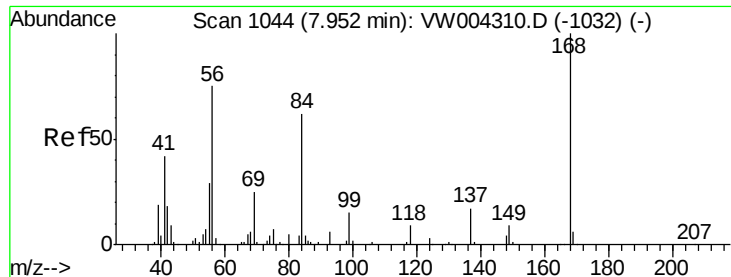
Instrument :
MSVOA_W
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion:168 Resp: 269837

Ion Ratio Lower Upper

168 100

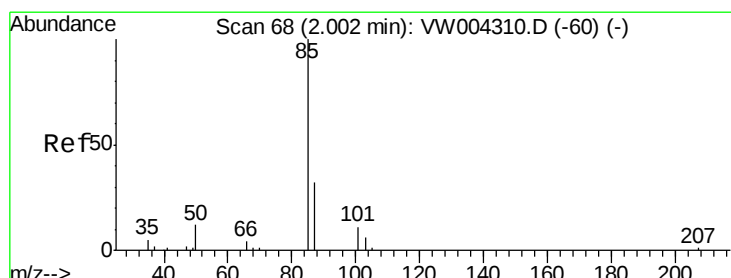
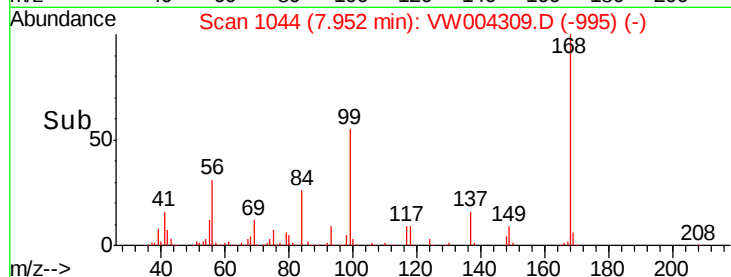
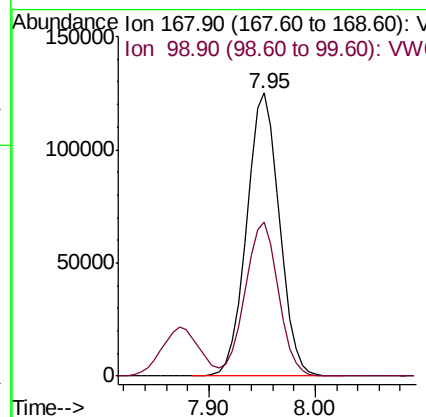
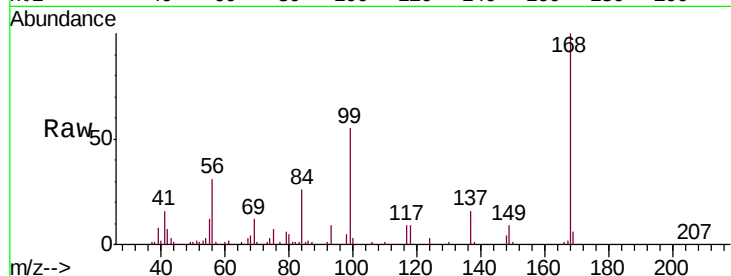
99 54.4 45.0 67.4

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 16.75 ug/l m

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW004309.D

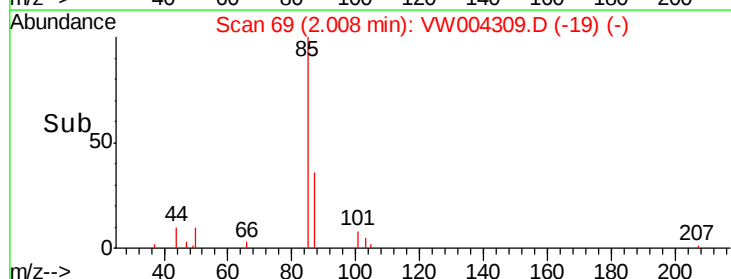
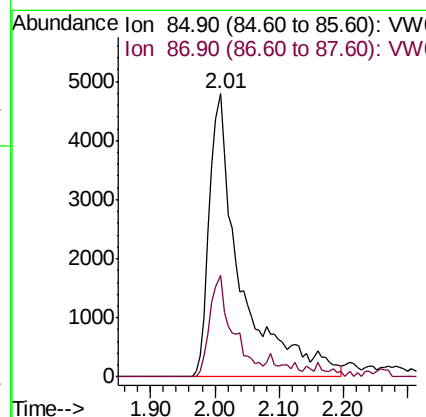
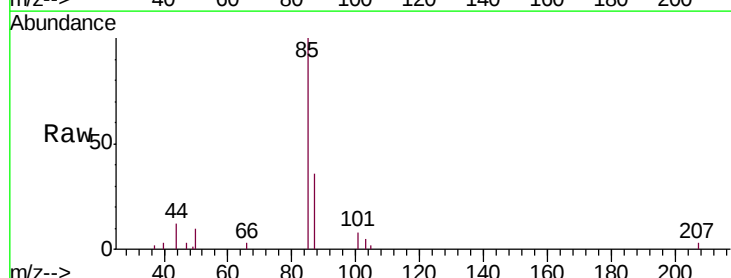
Acq: 29 Jul 2018 12:38

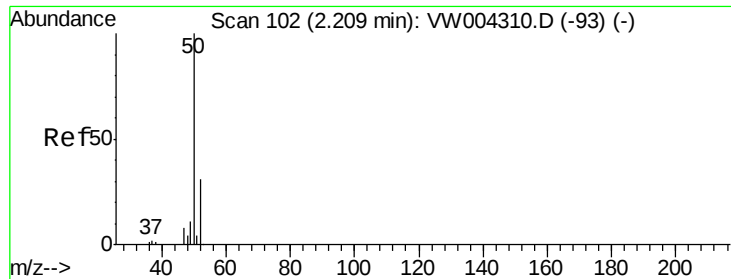
Tgt Ion: 85 Resp: 16019

Ion Ratio Lower Upper

85 100

87 35.7 15.9 47.7





#3

Chloromethane

Concen: 16.09 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

Tot Ion: 50 Resp: 24349

Ion Ratio Lower Upper

50 100

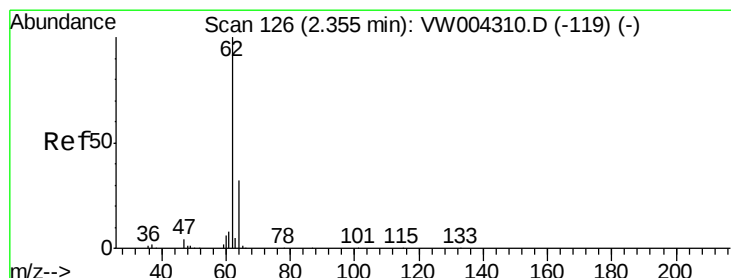
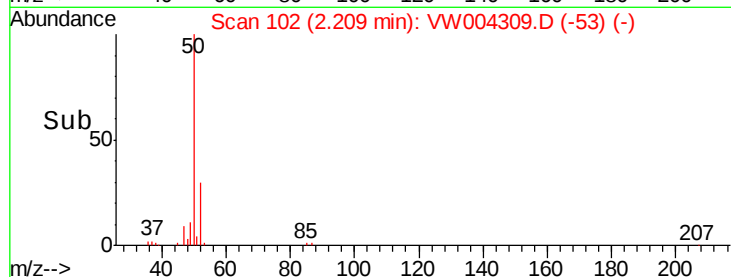
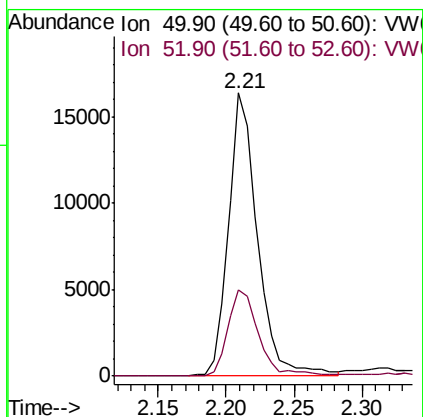
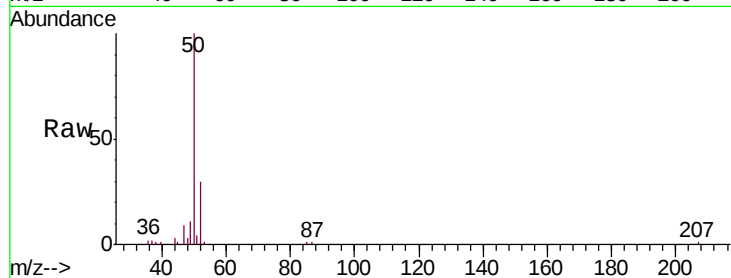
52 30.4 24.8 37.2

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#4

Vinyl Chloride

Concen: 18.77 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW004309.D

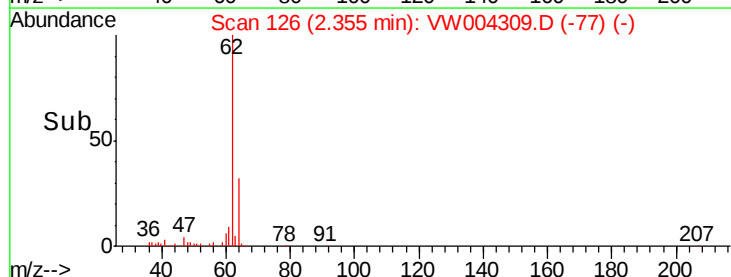
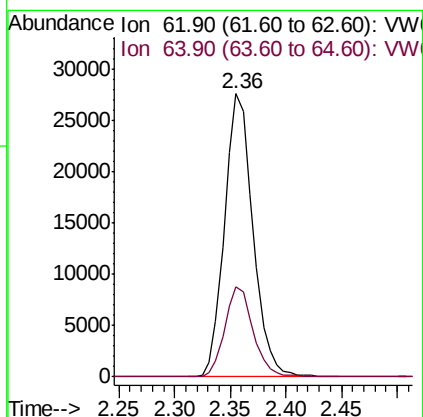
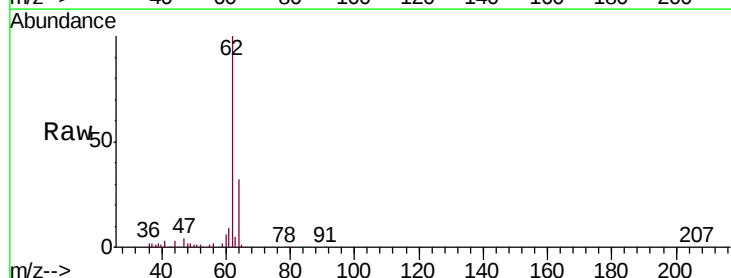
Acq: 29 Jul 2018 12:38

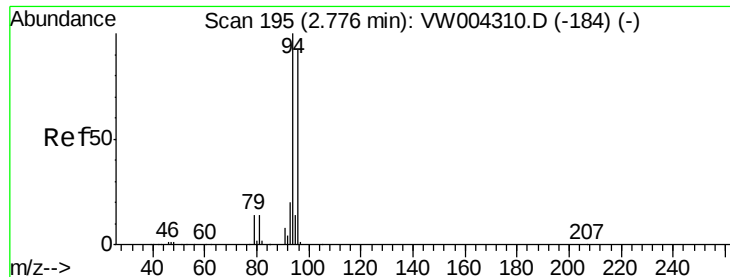
Tgt Ion: 62 Resp: 48894

Ion Ratio Lower Upper

62 100

64 31.7 25.9 38.9





#5

Bromomethane

Concen: 17.55 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

Instrument :

MSVOA_W

ClientSampleId :

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Tot Ion: 94 Resp: 30192

Ion Ratio Lower Upper

94 100

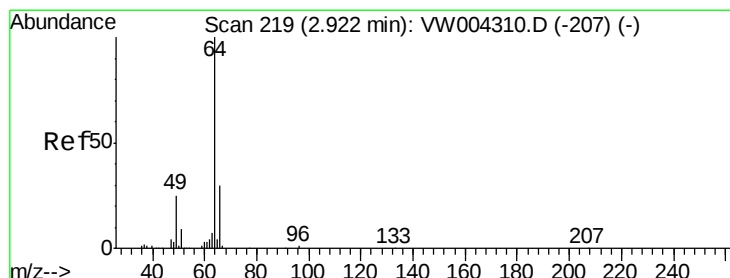
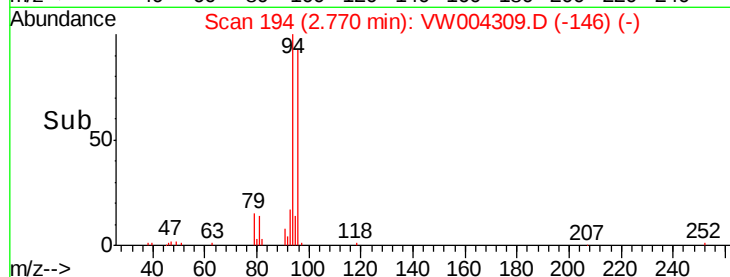
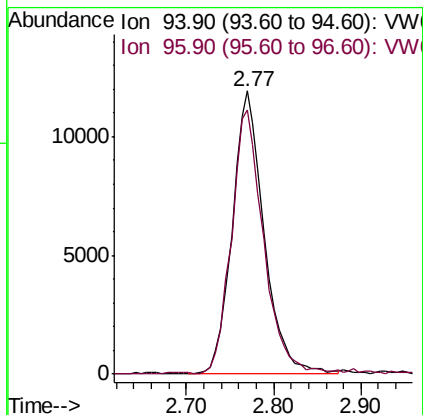
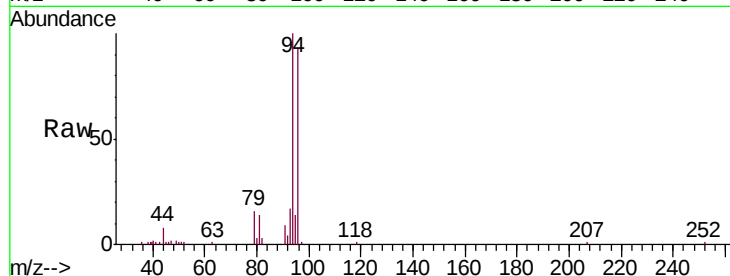
96 92.5 73.3 109.9

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#6

Chloroethane

Concen: 16.61 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW004309.D

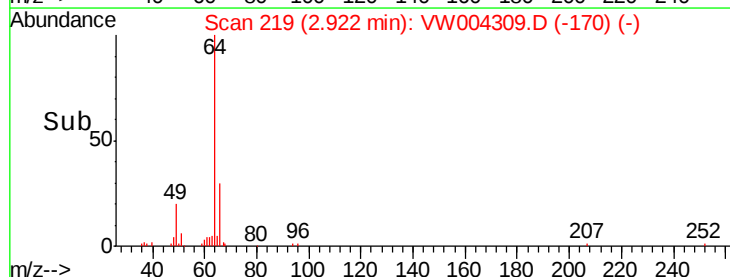
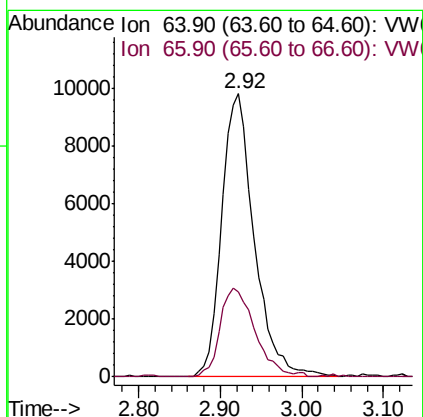
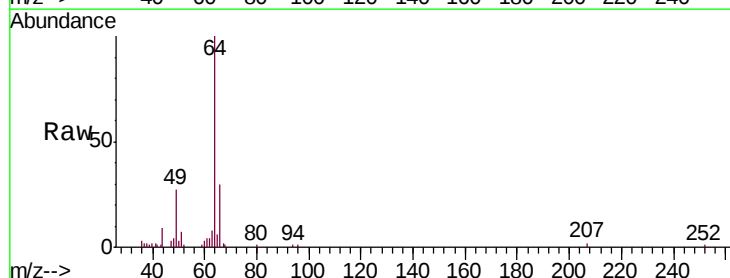
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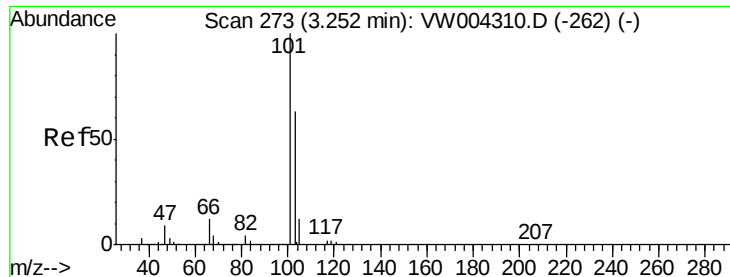
Tgt Ion: 64 Resp: 27155

Ion Ratio Lower Upper

64 100

66 30.2 23.7 35.5





#7

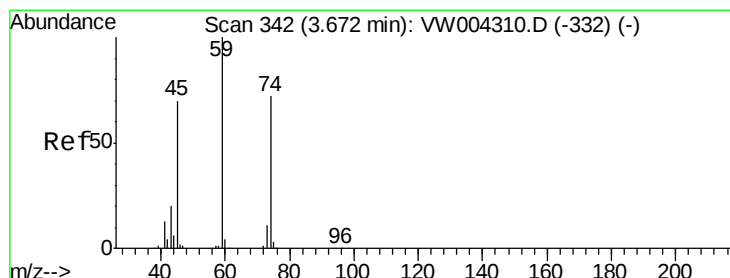
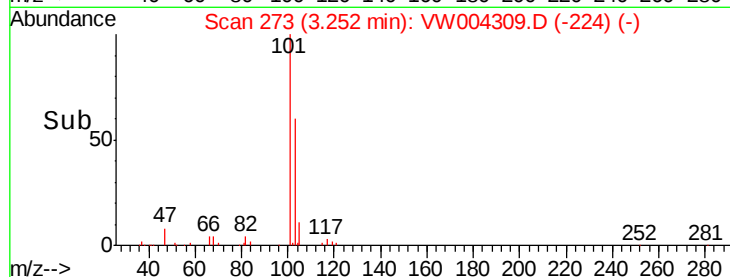
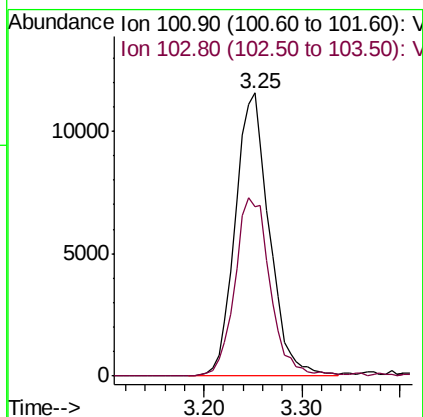
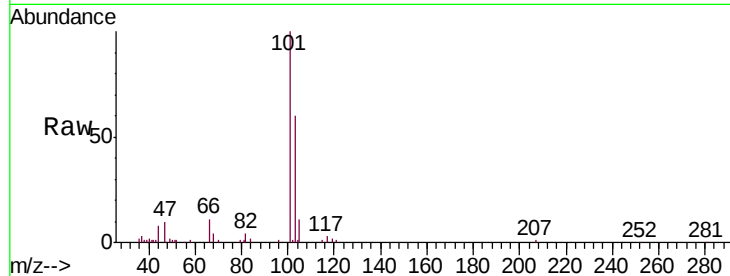
Trichlorofluoromethane
 Concen: 17.93 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.00 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

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Tot Ion	Ratio	Lower	Upper
101	100		
103	59.9	50.8	76.2

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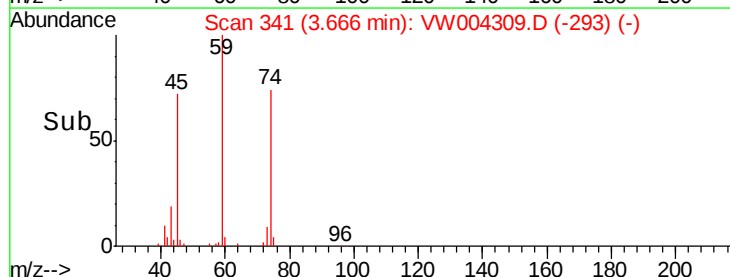
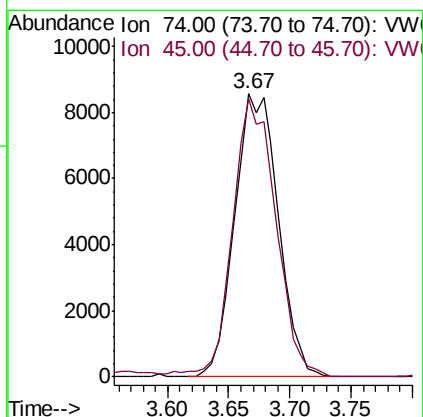
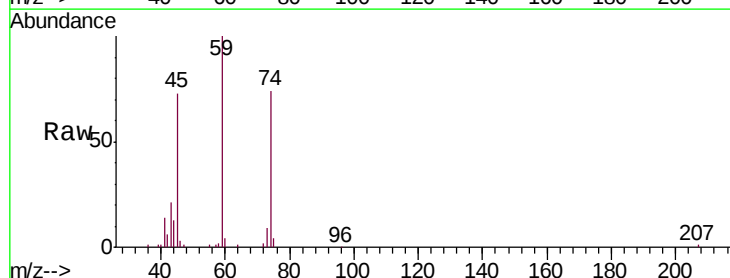
apatel
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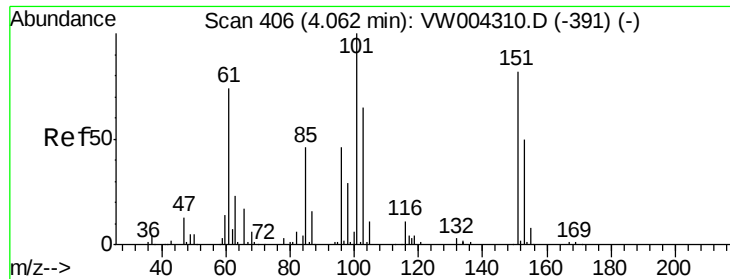


#8

Diethyl Ether
 Concen: 15.53 ug/l
 RT: 3.67 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.3	49.4	148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 14.30 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.00 min

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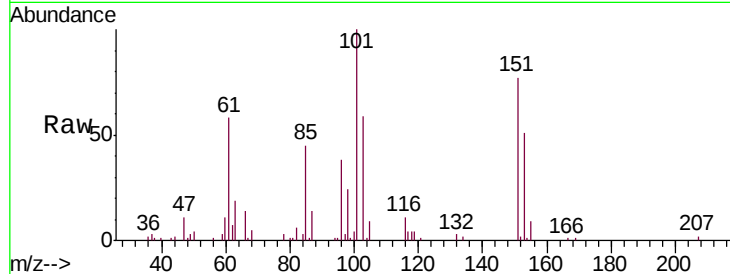
ClientSampleId :

VSTDIC020

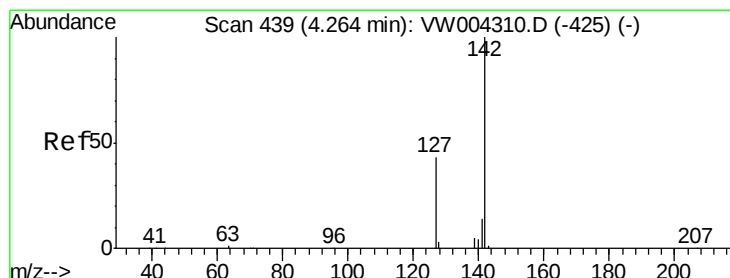
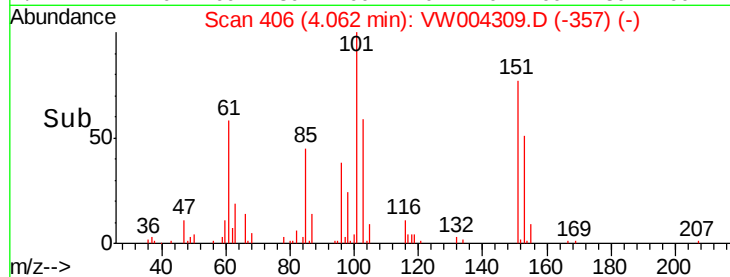
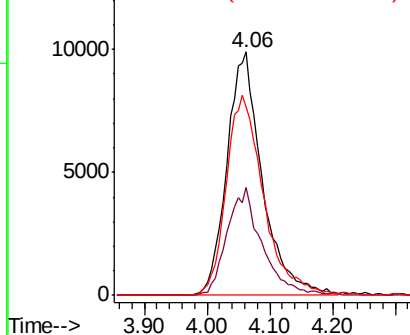
Tot Ion:	101	Resp:	38658
Ion Ratio	Lower	Upper	
101	100		
85	43.4	35.5	53.3
151	86.5	64.6	97.0

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 14.89 ug/l

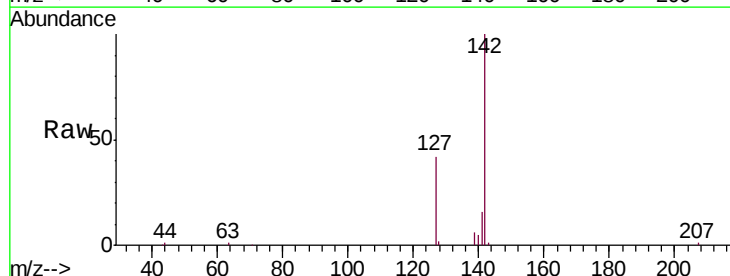
RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

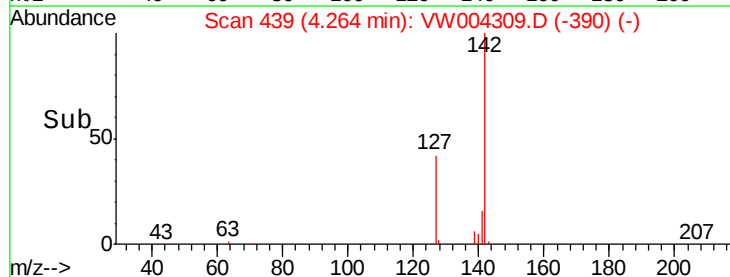
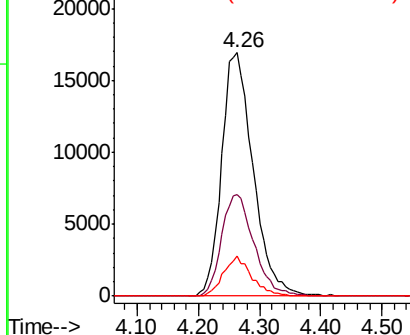
Lab File: VW004309.D

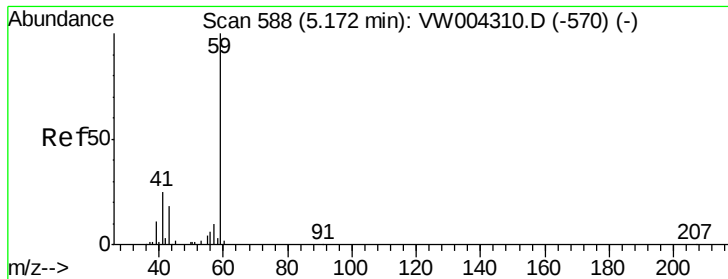
Acq: 29 Jul 2018 12:38

Tgt Ion:	142	Resp:	60205
Ion Ratio	Lower	Upper	
142	100		
127	42.9	34.6	52.0
141	14.6	11.5	17.3



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

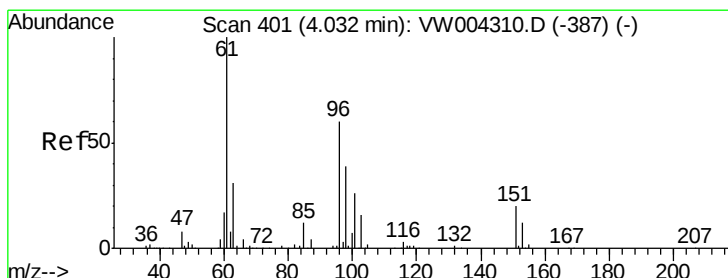
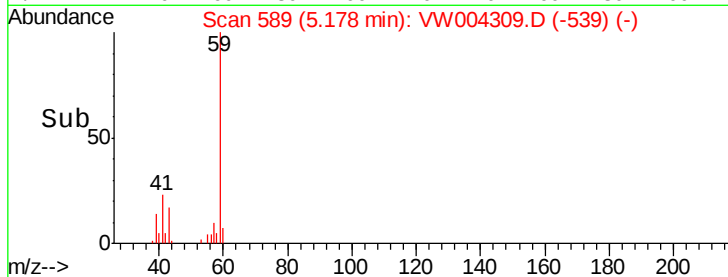
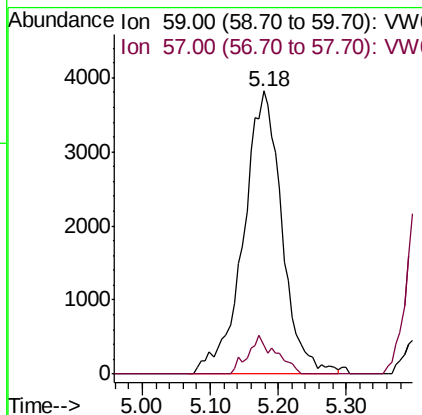
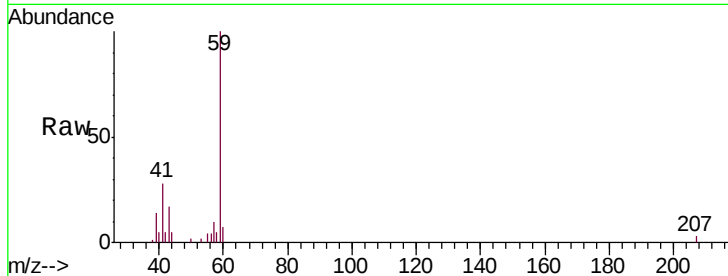
Tert butyl alcohol
 Concen: 75.54 ug/l
 RT: 5.18 min Scan# 589
 Delta R.T. 0.01 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.4	12.6

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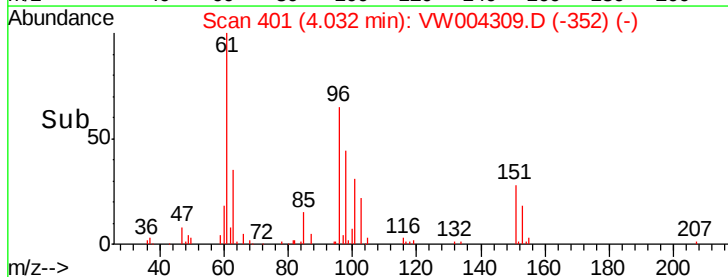
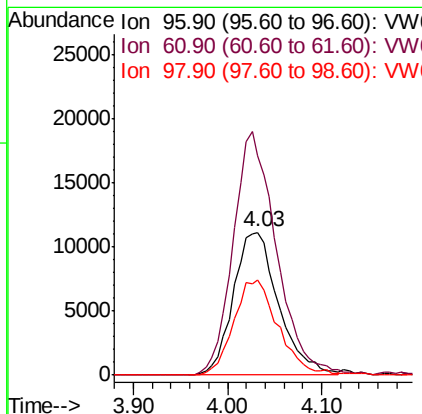
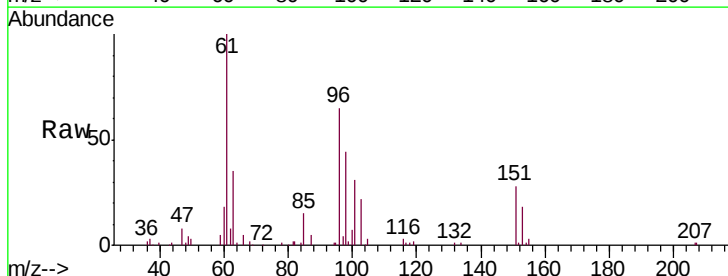
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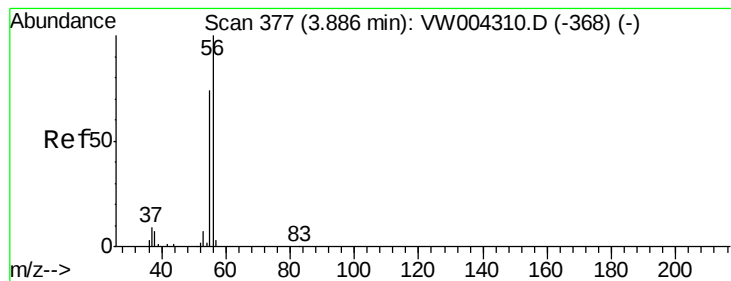


#12

1,1-Dichloroethene
 Concen: 13.86 ug/l
 RT: 4.03 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.1	133.4	200.0
98	66.9	51.9	77.9





#13

Acrolein

Concen: 62.31 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.00 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion: 56 Resp: 11029

Ion Ratio Lower Upper

56 100

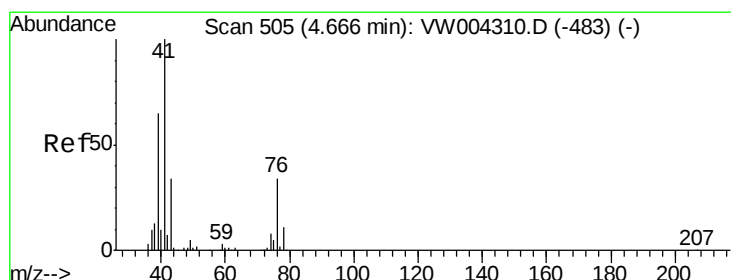
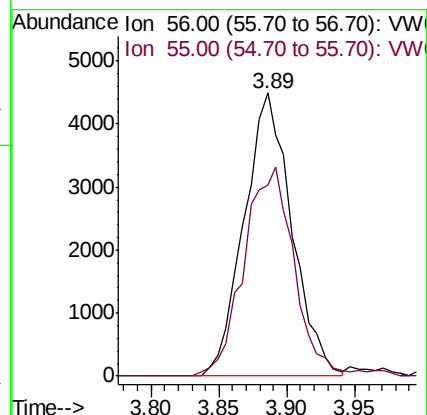
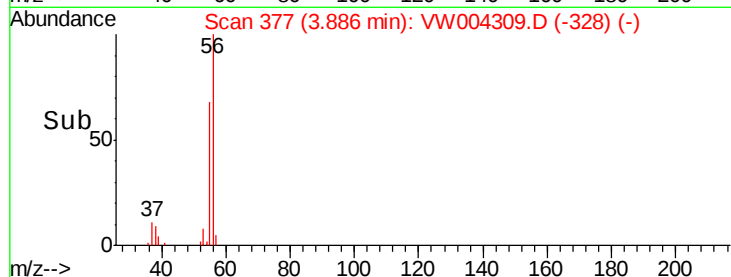
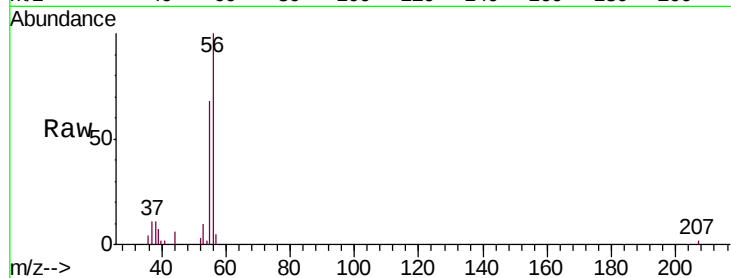
55 77.7 59.4 89.2

Manual Integrations

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#14

Allyl chloride

Concen: 13.31 ug/l

RT: 4.66 min Scan# 504

Delta R.T. -0.01 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

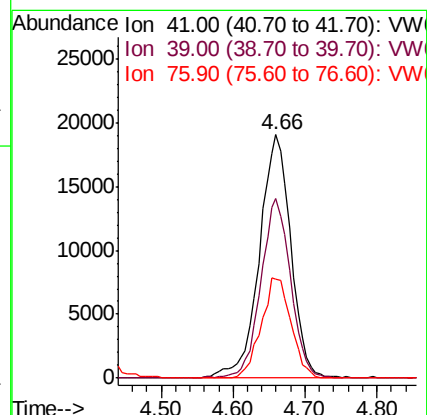
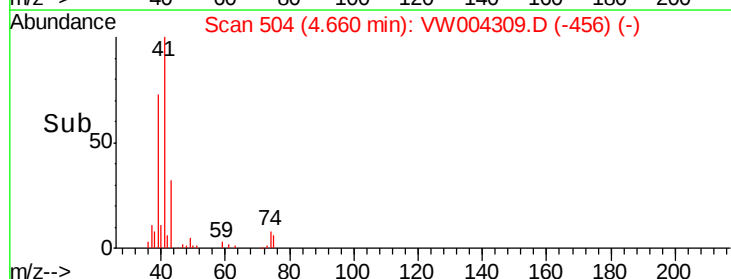
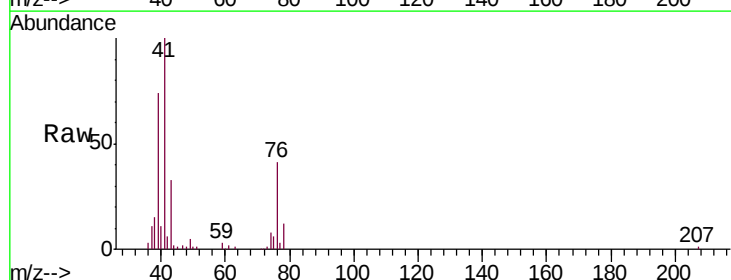
Tgt Ion: 41 Resp: 57794

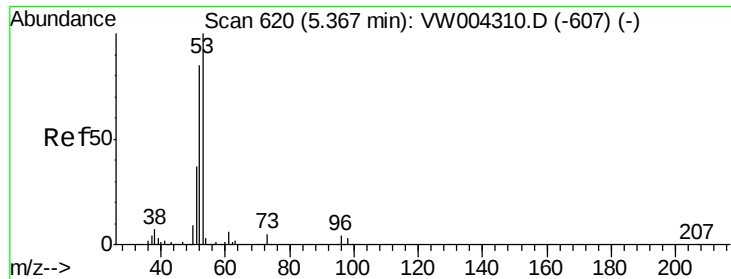
Ion Ratio Lower Upper

41 100

39 70.2 52.3 78.5

76 39.1 27.3 40.9





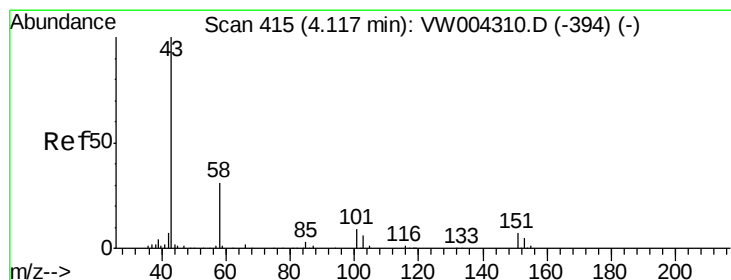
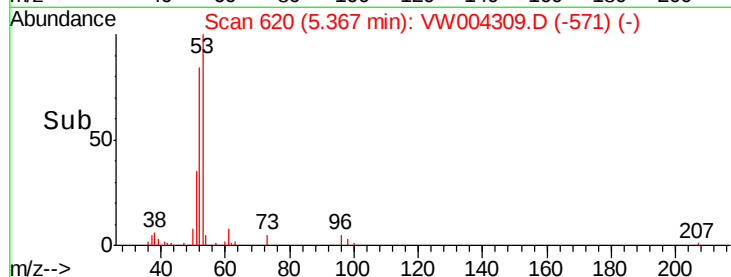
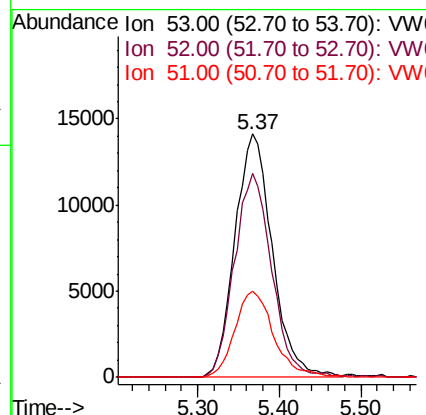
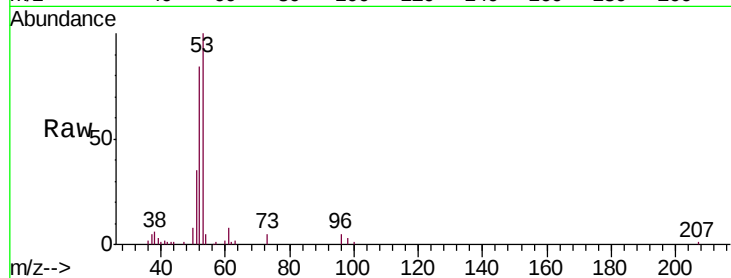
#15
 Acrylonitrile
 Concen: 73.26 ug/l
 RT: 5.37 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.6	65.7	98.5
51	37.0	29.2	43.8

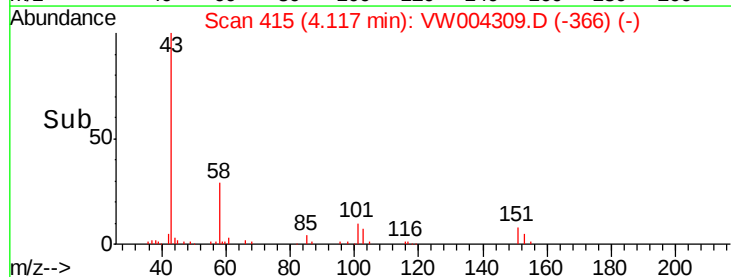
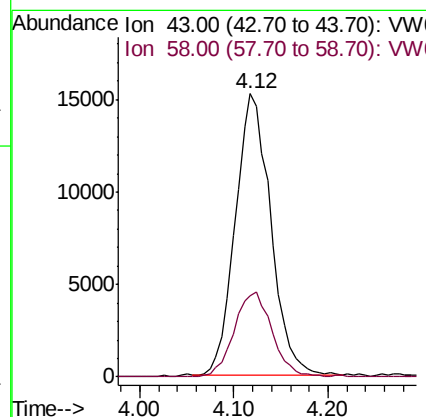
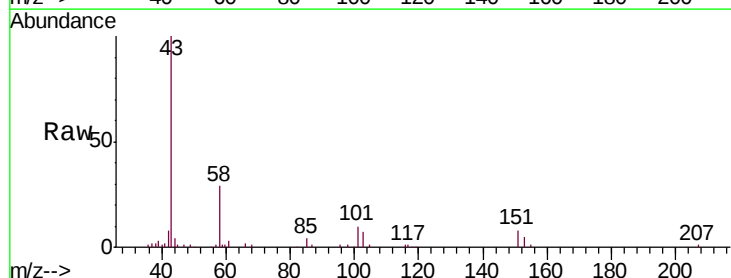
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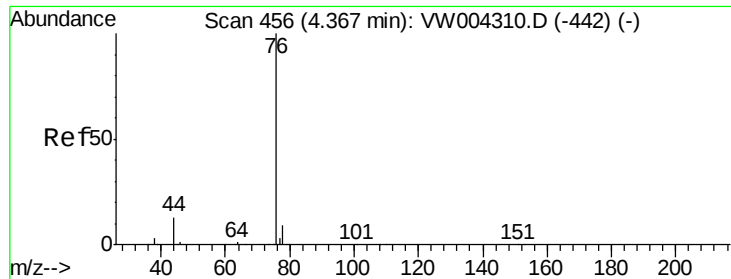
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#16
 Acetone
 Concen: 63.95 ug/l
 RT: 4.12 min Scan# 415
 Delta R.T. 0.00 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.0	24.8	37.2





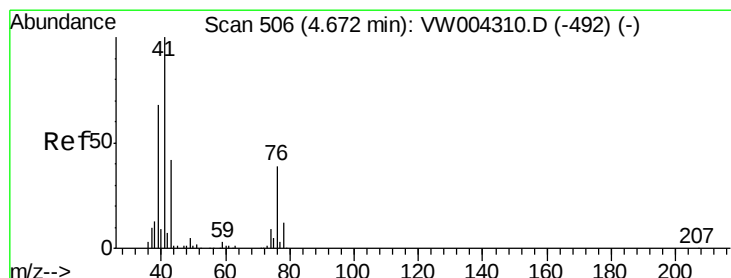
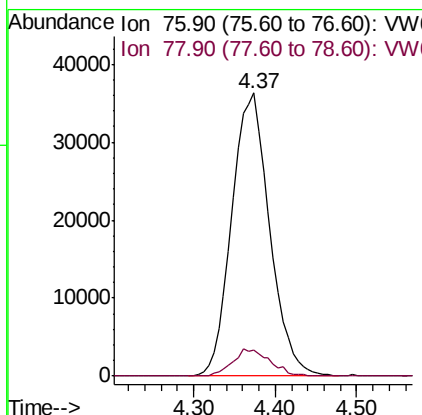
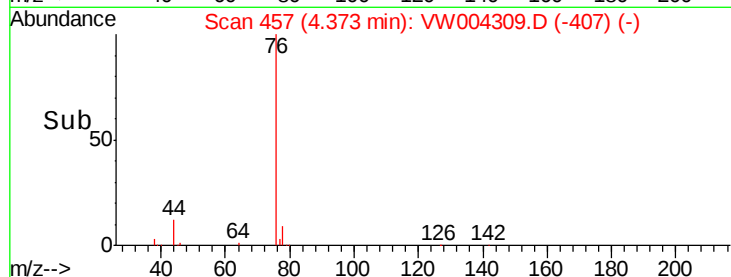
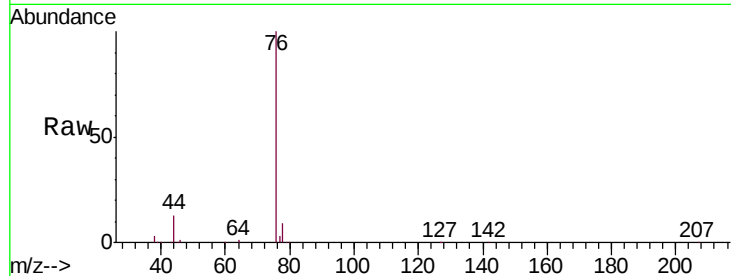
#17
Carbon Disulfide
Concen: 14.00 ug/l
RT: 4.37 min Scan# 457
Delta R.T. 0.01 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
76	100	116882		
78	9.1		7.4	11.0

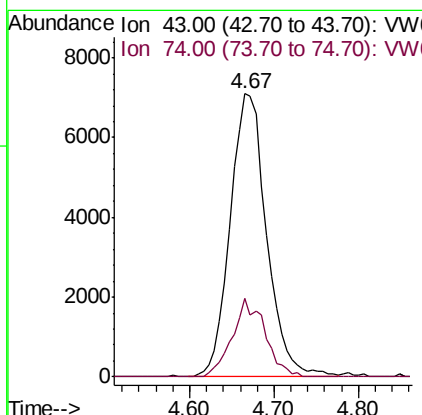
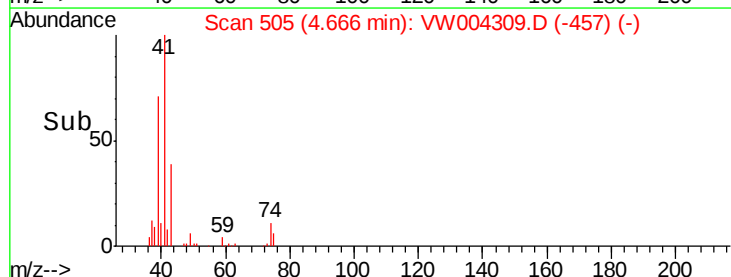
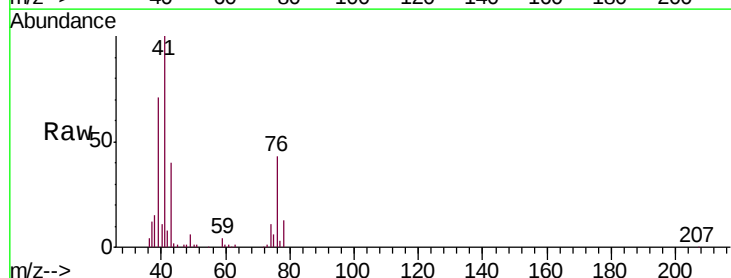
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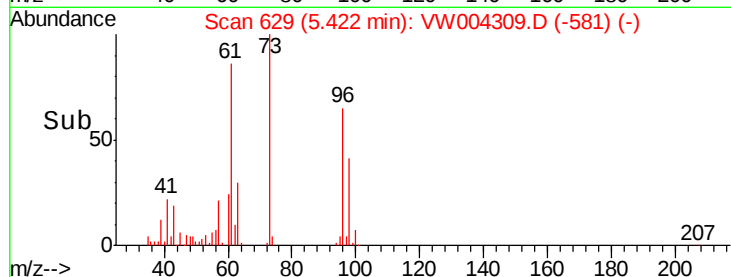
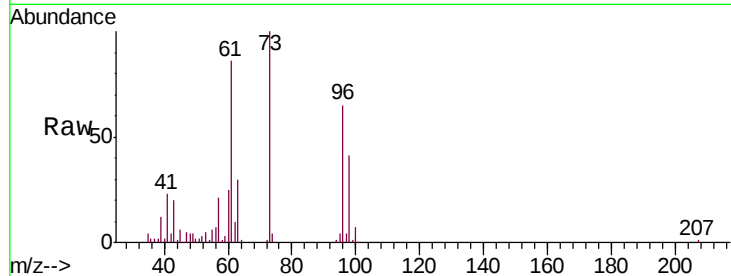
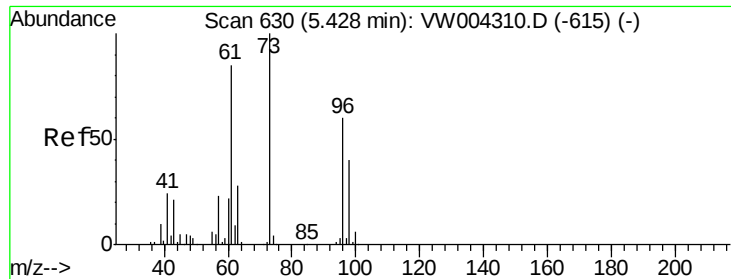
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#18
Methyl Acetate
Concen: 12.96 ug/l
RT: 4.67 min Scan# 505
Delta R.T. -0.01 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	20795		
74	24.9		17.8	26.6





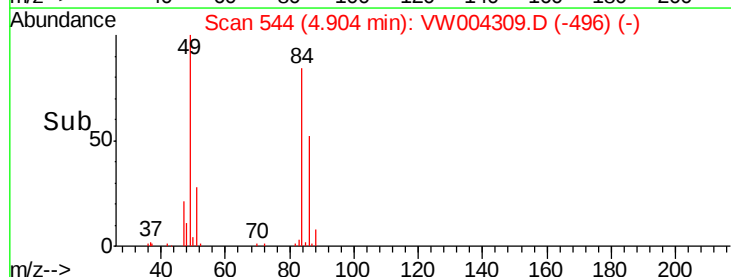
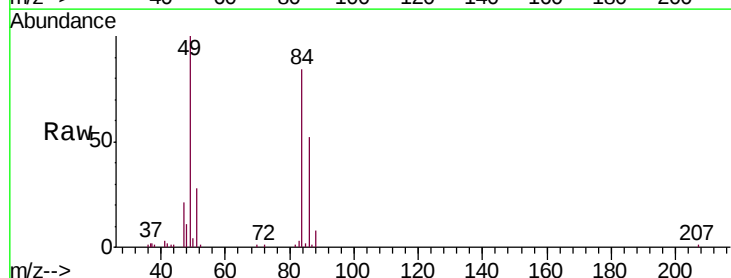
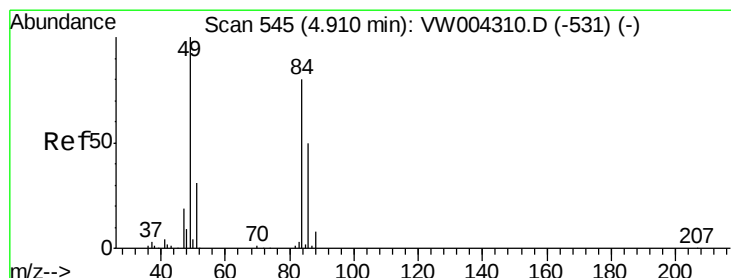
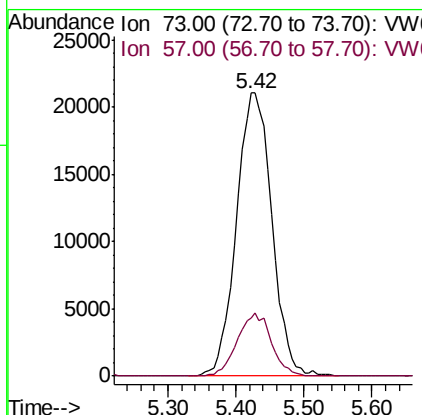
#19
Methvl tert-butvl Ether
Concen: 15.84 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.01 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Tot Ion: 73 Resp: 76164
Ion Ratio Lower Upper
73 100
57 20.7 18.4 27.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

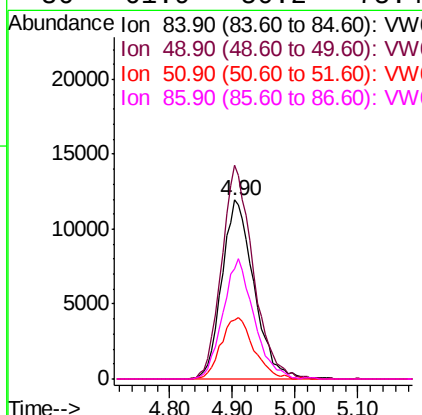
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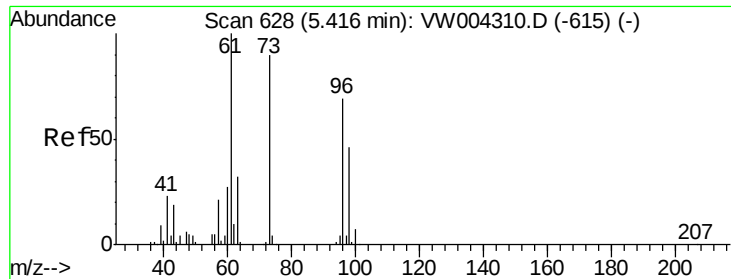
apatel
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#20
Methylene Chloride
Concen: 14.55 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Tgt Ion: 84 Resp: 42243
Ion Ratio Lower Upper
84 100
49 119.4 100.5 150.7
51 33.0 30.9 46.3
86 61.9 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 15.40 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

Tot Ion: 96 Resp: 44340

Ion Ratio Lower Upper

96 100

61 134.3 116.2 174.2

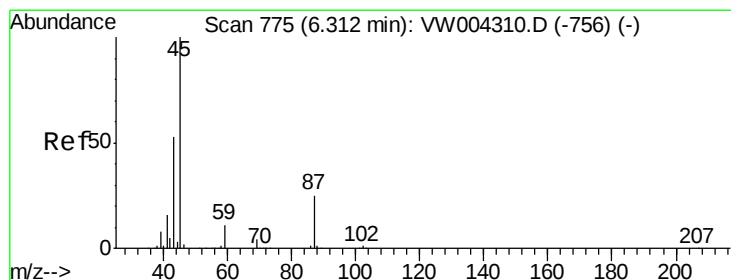
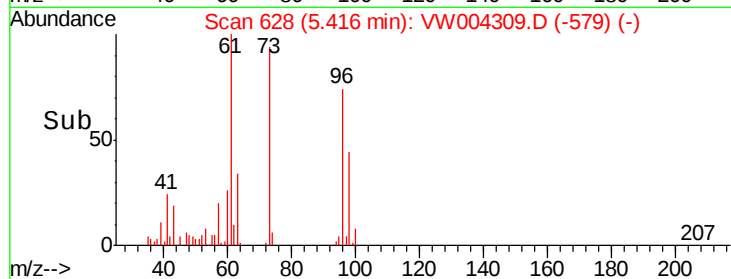
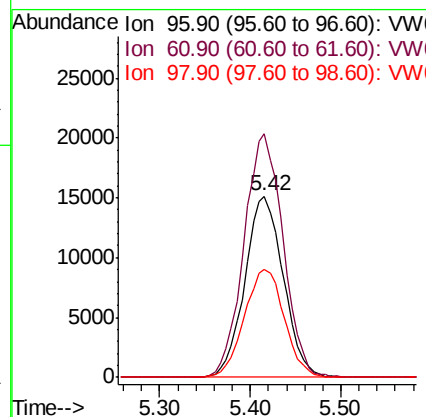
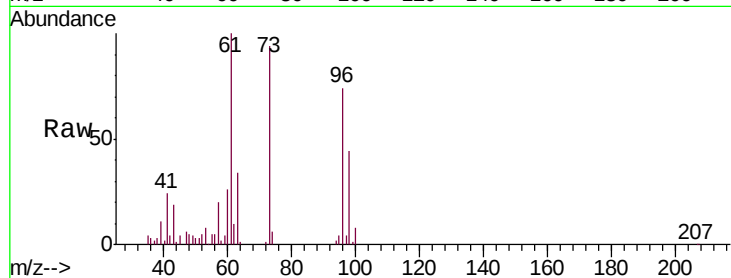
98 59.4 52.9 79.3

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#22

Diisopropyl ether

Concen: 18.39 ug/l

RT: 6.31 min Scan# 775

Delta R.T. 0.00 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

Tgt Ion: 45 Resp: 150230

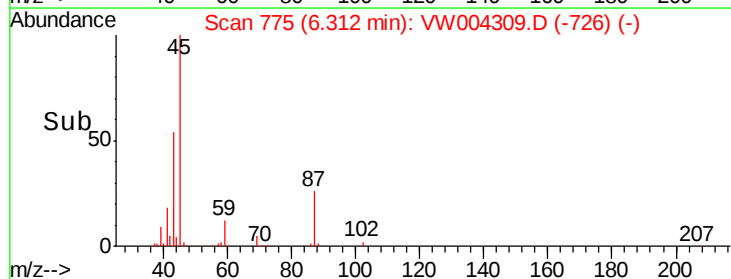
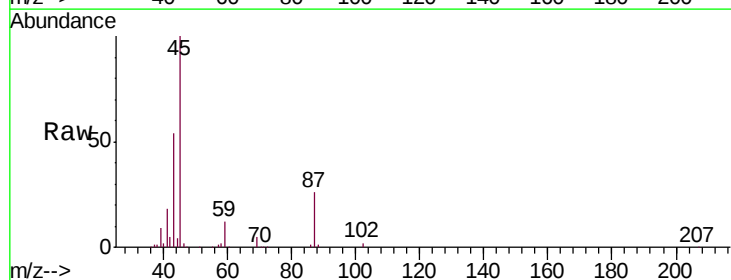
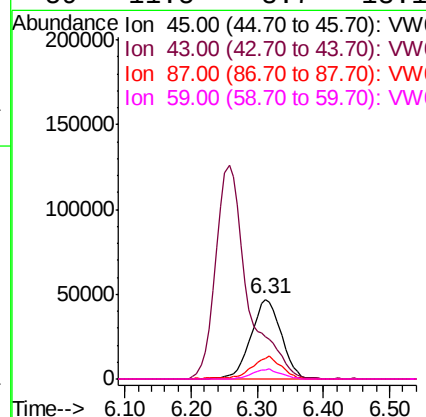
Ion Ratio Lower Upper

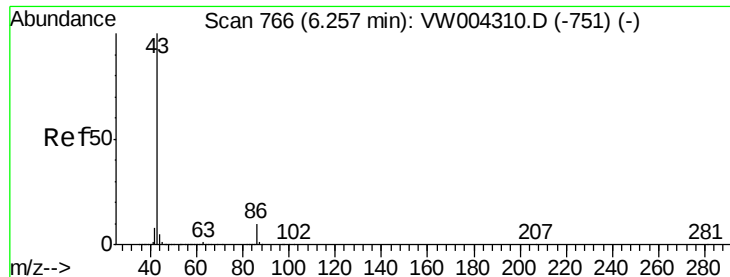
45 100

43 53.1 42.3 63.5

87 26.4 19.9 29.9

59 11.5 8.7 13.1





#23

Vinyl Acetate

Concen: 88.67 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

Instrument :

MSVOA_W

ClientSampleID :

VSTDIC020

Tot Ion: 43 Resp: 420331

Ion Ratio Lower Upper

43 100

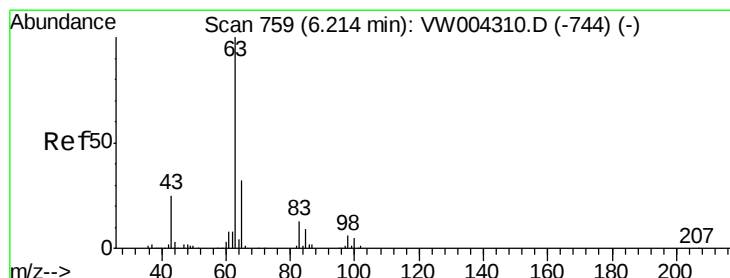
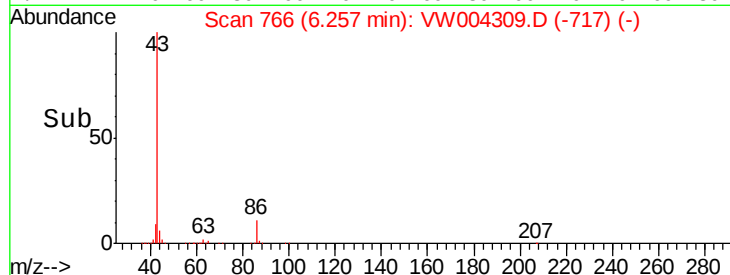
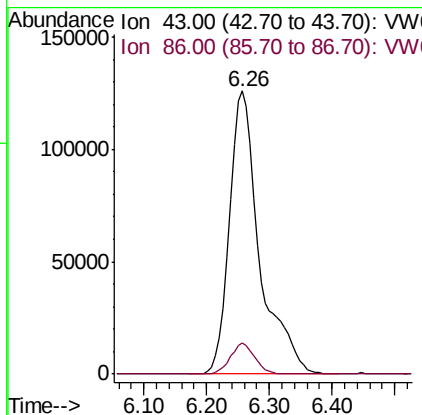
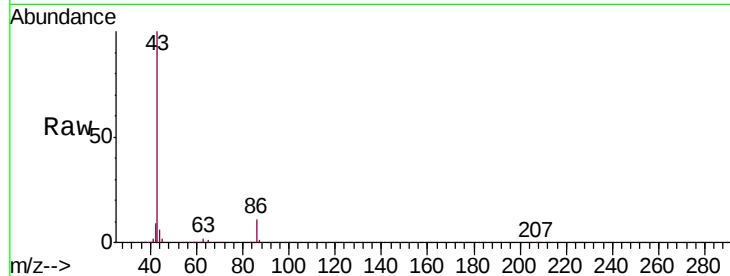
86 10.8 7.7 11.5

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#24

1,1-Dichloroethane

Concen: 17.01 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

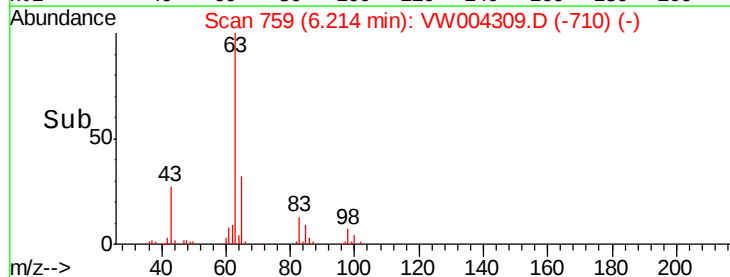
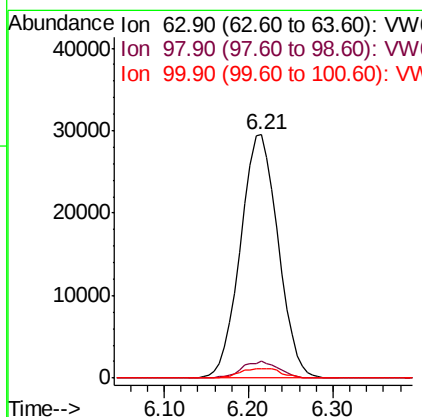
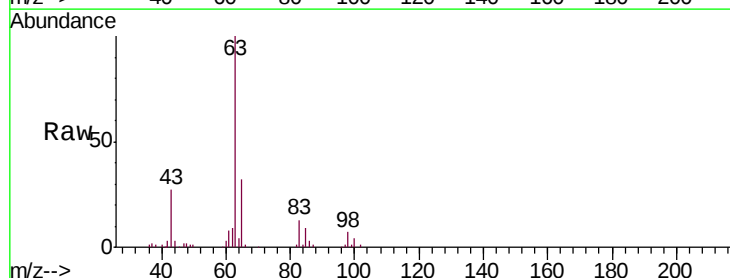
Tgt Ion: 63 Resp: 89487

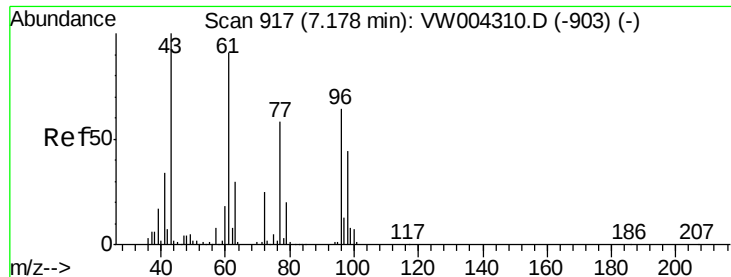
Ion Ratio Lower Upper

63 100

98 7.1 3.2 9.6

100 3.9 2.3 6.9





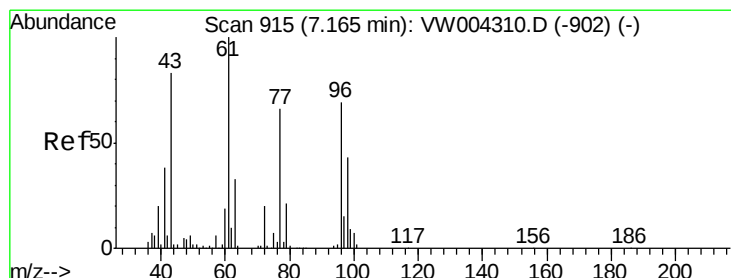
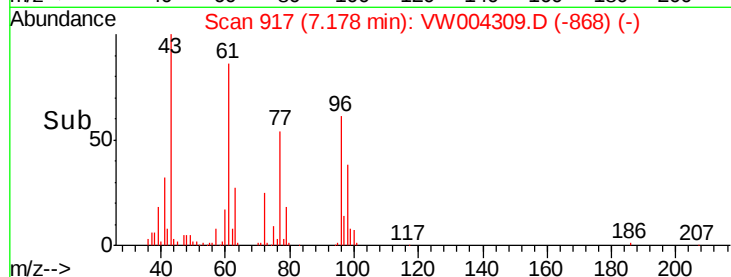
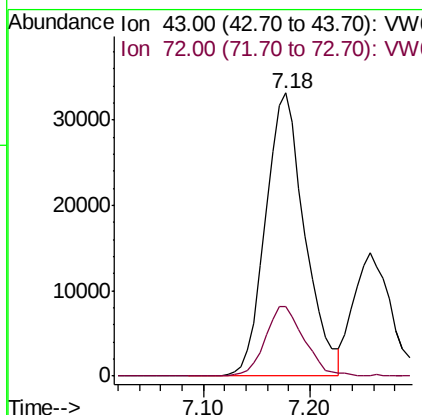
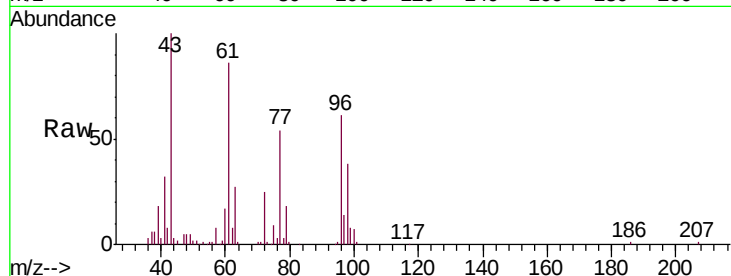
#25
2-Butanone
Concen: 112.29 ug/l
RT: 7.18 min Scan# 917
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Tot Ion: 43 Resp: 84889
Ion Ratio Lower Upper
43 100
72 24.8 20.3 30.5

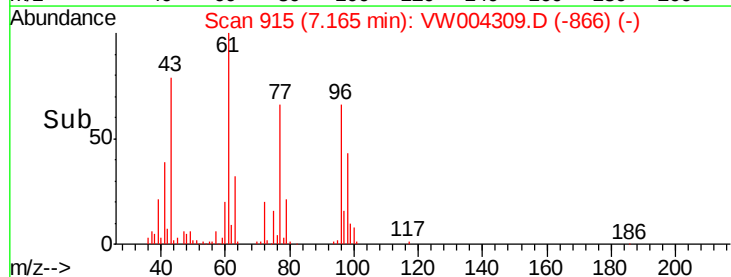
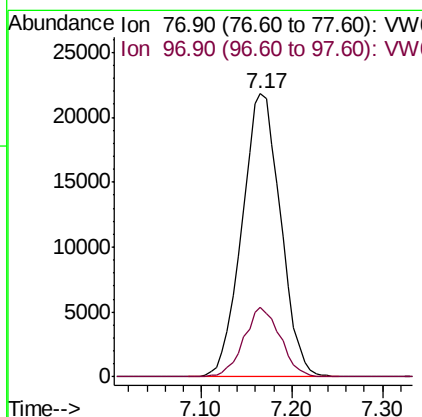
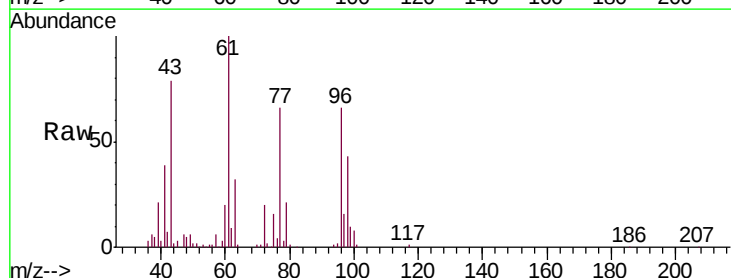
Manual Integrations
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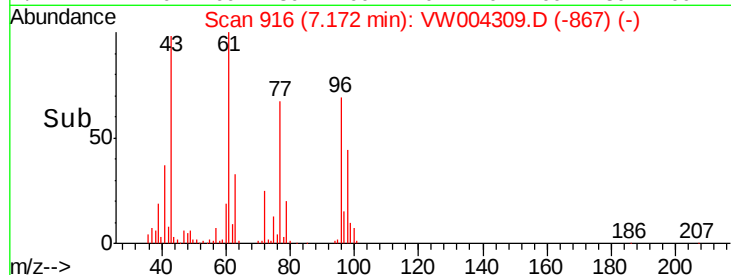
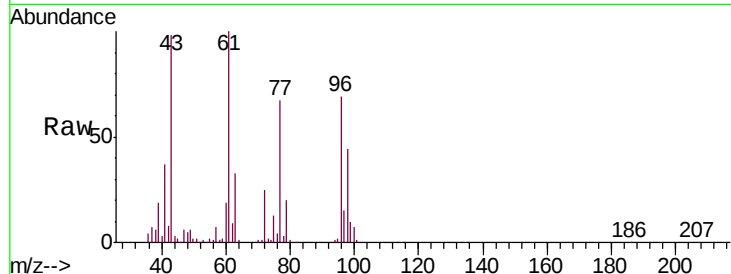
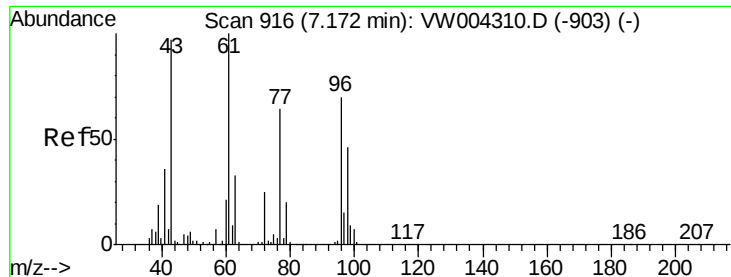
apatel
7/30/2018 10:32:25 AM



#26
2,2-Dichloropropane
Concen: 21.04 ug/l
RT: 7.17 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Tgt Ion: 77 Resp: 64217
Ion Ratio Lower Upper
77 100
97 23.1 11.7 35.1





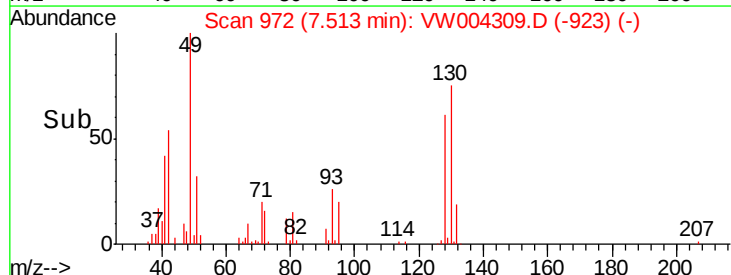
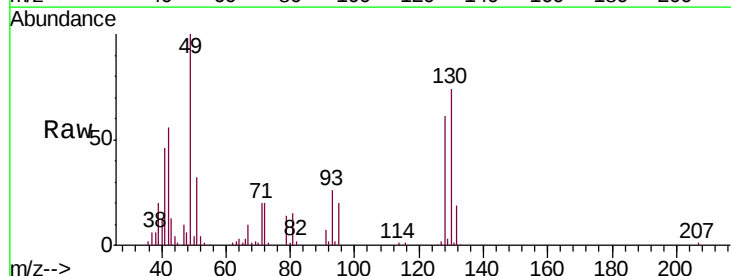
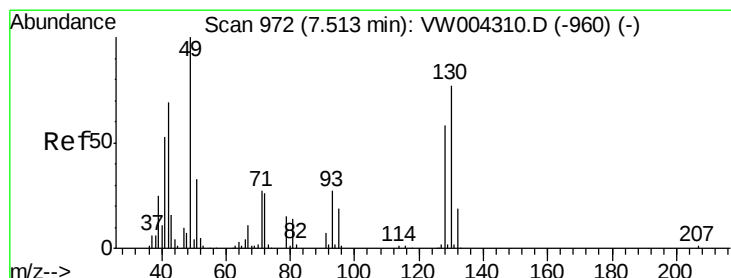
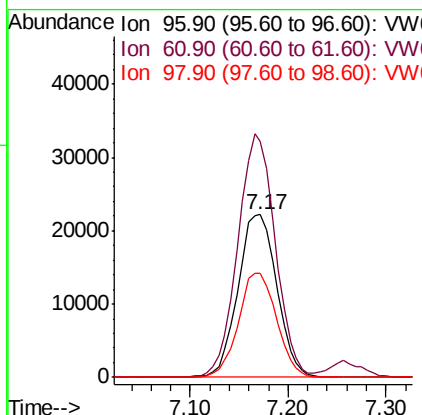
#27
 cis-1,2-Dichloroethene
 Concen: 20.85 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.6	0.0	292.0
98	62.9	0.0	129.6

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDIC020

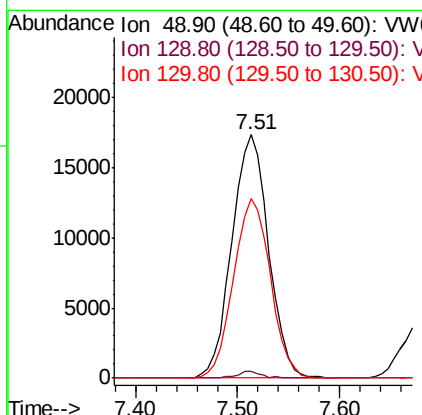
Manual Integrations
 APPROVED

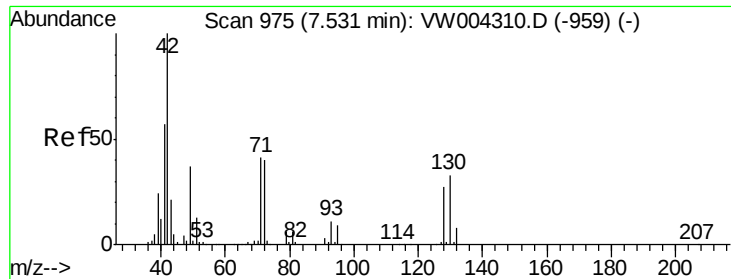
apatel
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#28
 Bromochloromethane
 Concen: 23.43 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.6
130	74.3	61.5	92.3





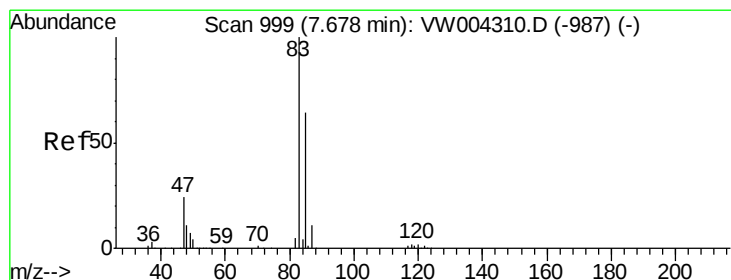
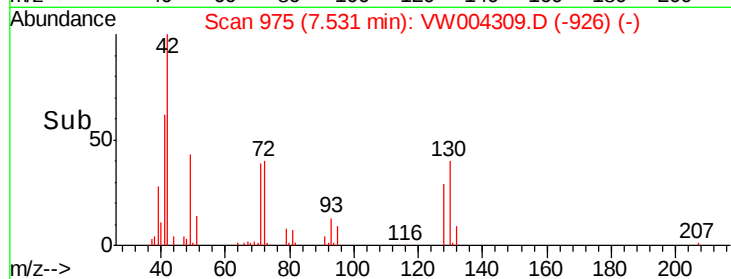
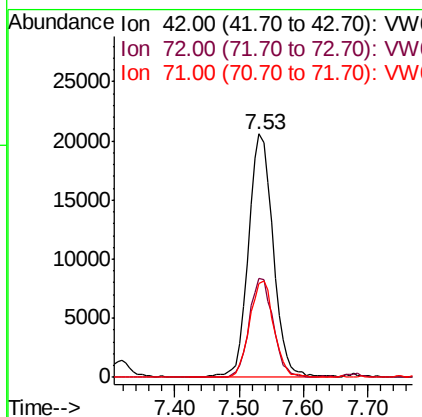
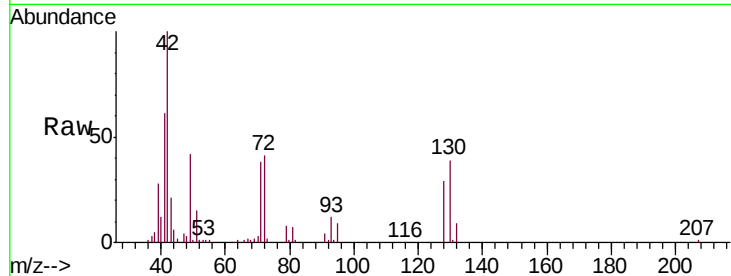
#29
Tetrahydrofuran
Concen: 111.62 ug/l
RT: 7.53 min Scan# 975
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion:	42	Resp:	53993
Ion Ratio	Lower	Upper	
42	100		
72	39.1	32.6	48.8
71	38.5	31.3	46.9

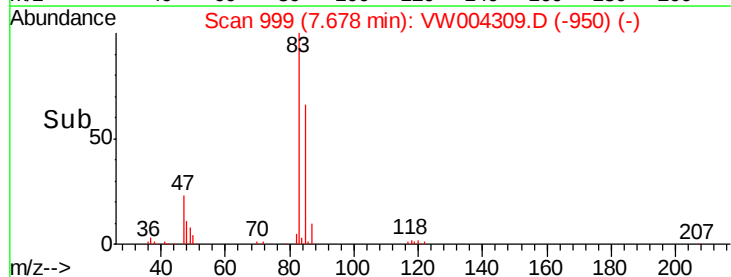
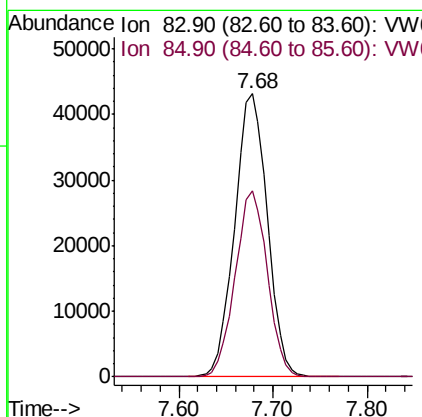
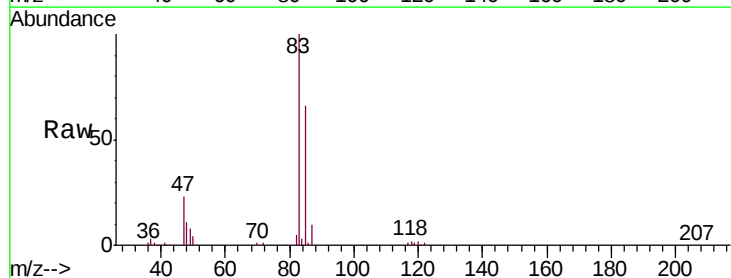
Manual Integrations
APPROVED

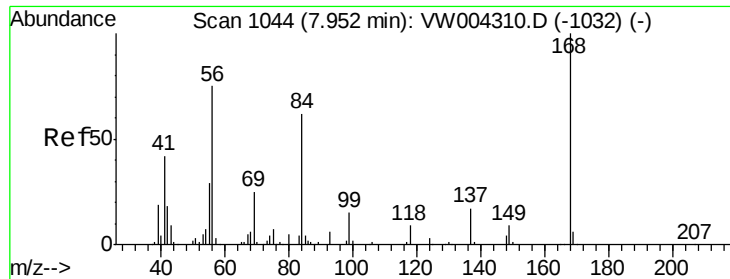
apatel
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#30
Chloroform
Concen: 20.81 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Tgt Ion:	83	Resp:	104592
Ion Ratio	Lower	Upper	
83	100		
85	65.8	51.5	77.3





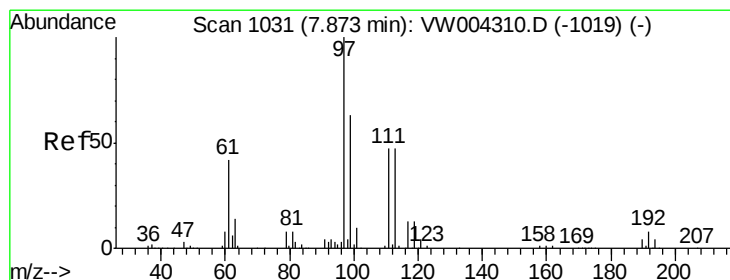
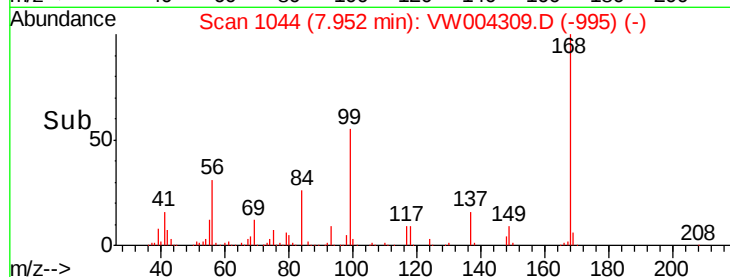
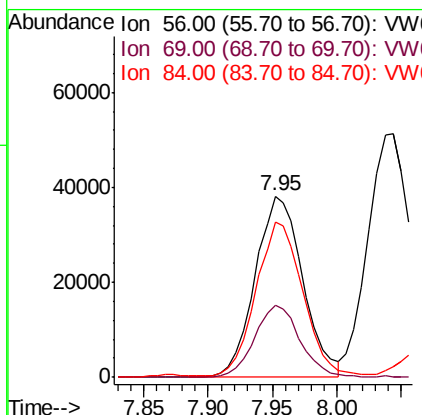
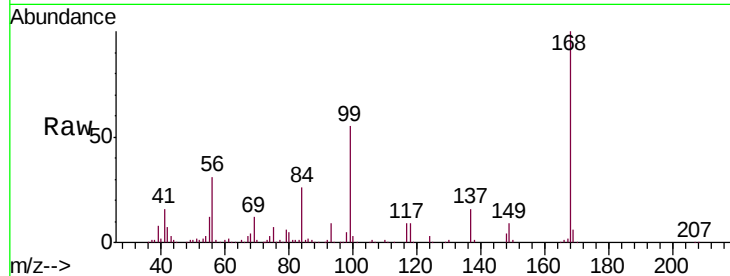
#31
Cyclohexane
Concen: 21.07 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.6	26.3	39.5#
84	84.5	66.2	99.4

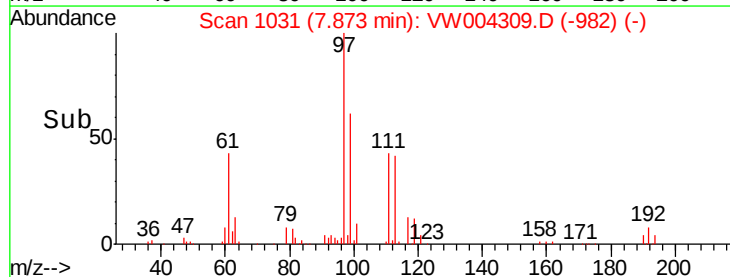
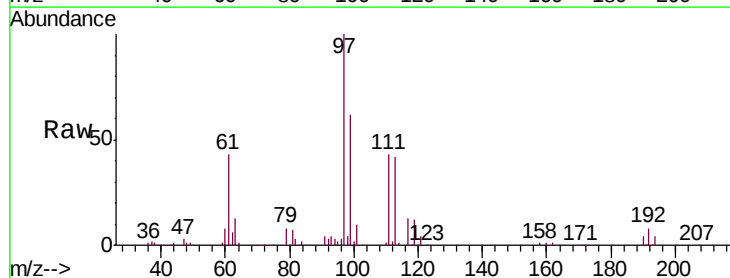
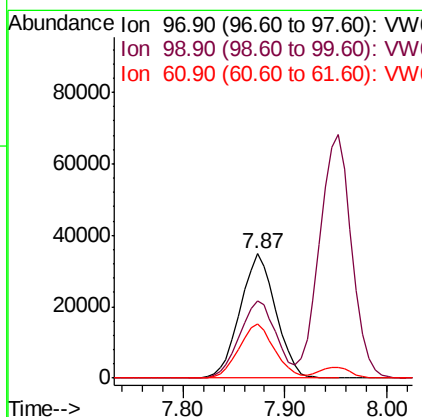
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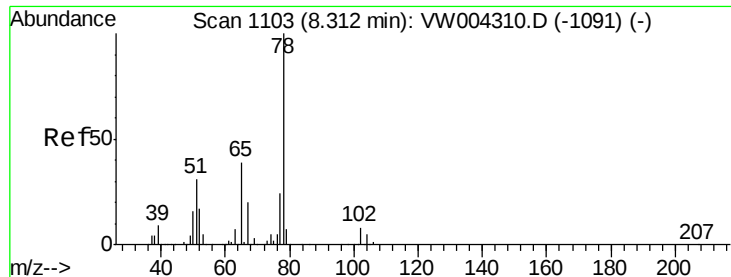
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#32
1,1,1-Trichloroethane
Concen: 20.47 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.7	77.5
61	43.7	34.8	52.2





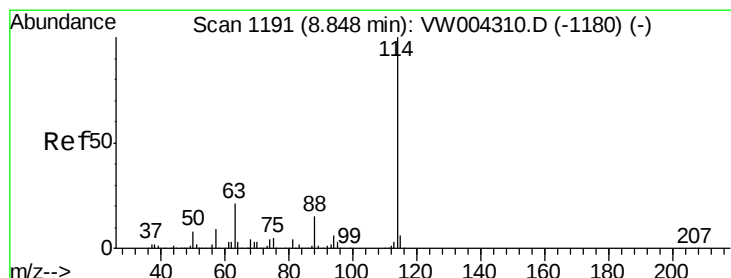
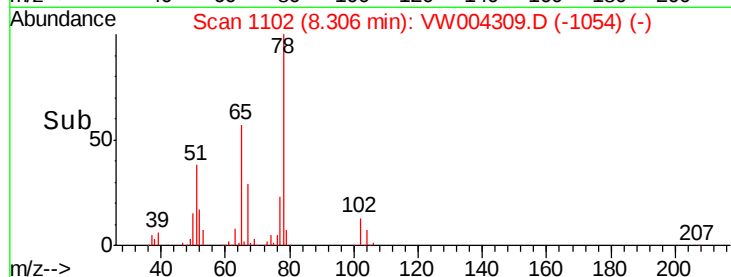
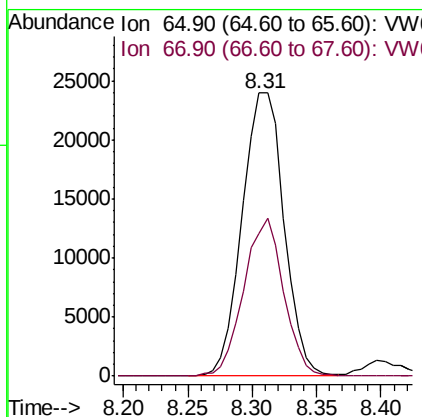
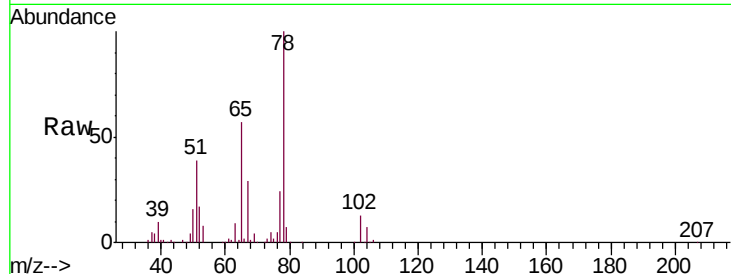
#33
 1,2-Dichloroethane-d4
 Concen: 19.84 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	106.4

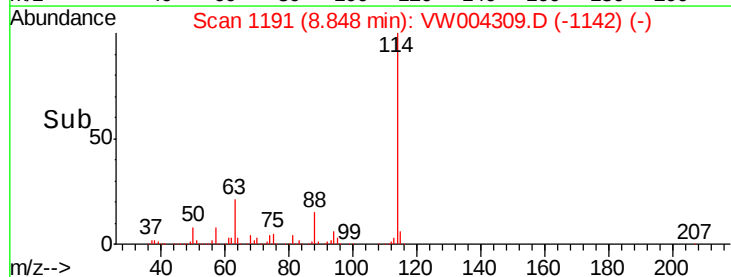
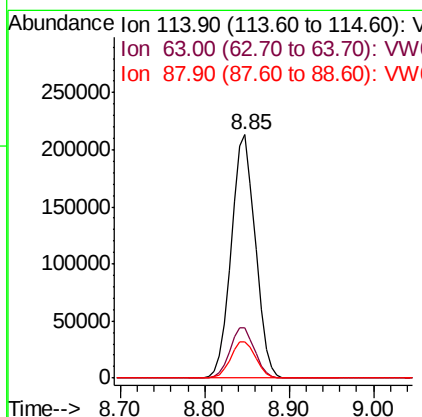
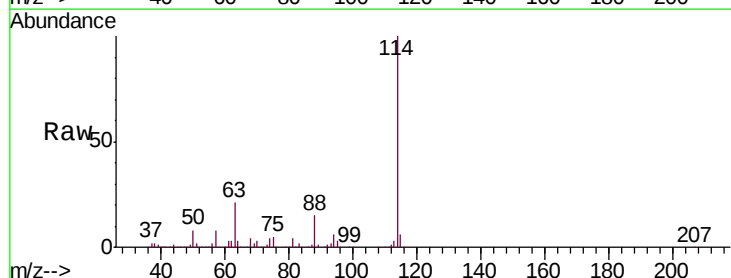
Manual Integrations
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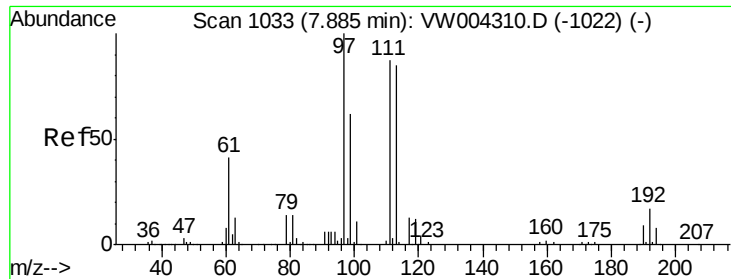
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	41.4
88	15.1	0.0	30.6





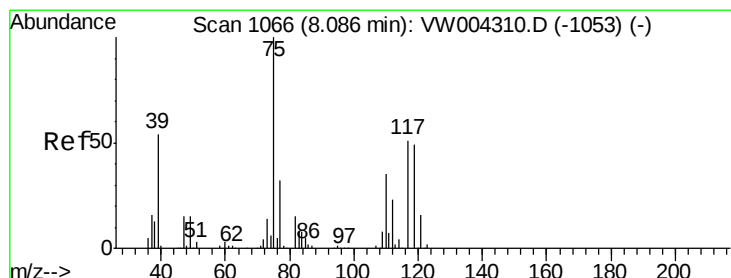
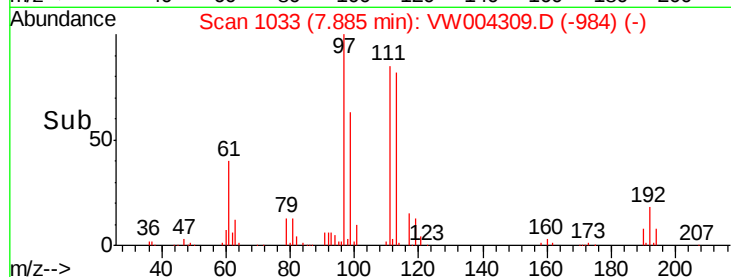
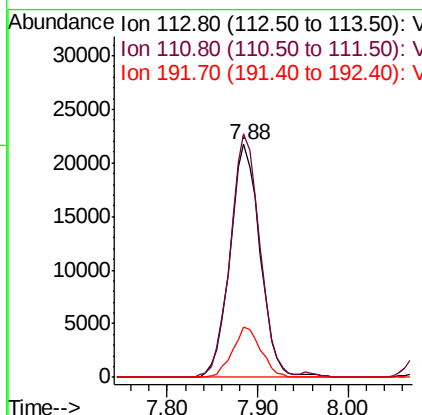
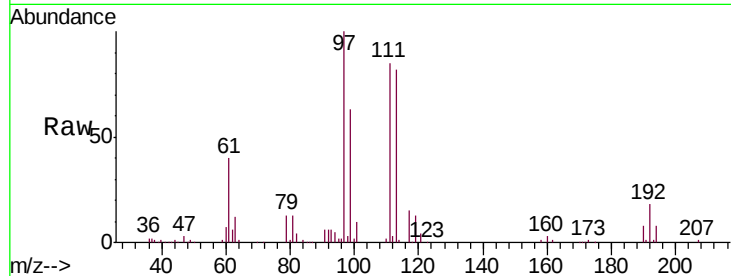
#35
 Dibromofluoromethane
 Concen: 19.42 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.1	123.1
192	20.4	16.2	24.4

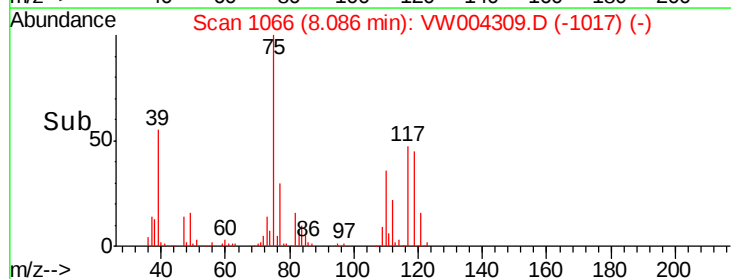
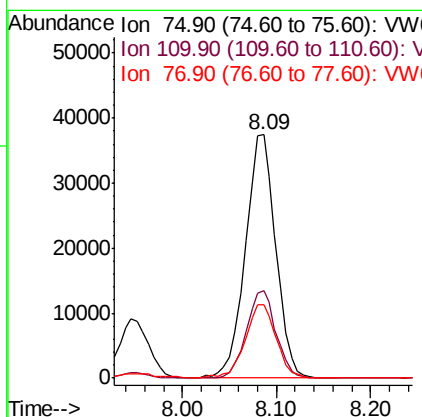
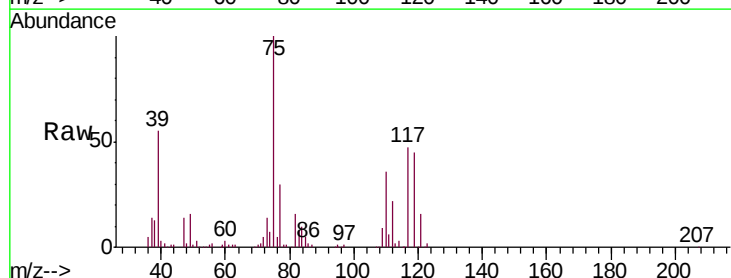
Manual Integrations
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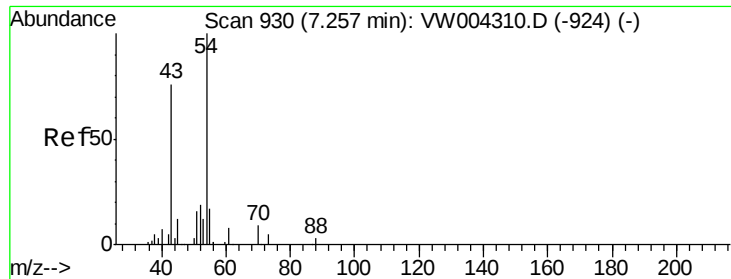
apatel
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#36
 1,1-Dichloropropene
 Concen: 20.63 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.9	17.3	52.0
77	30.9	25.0	37.6





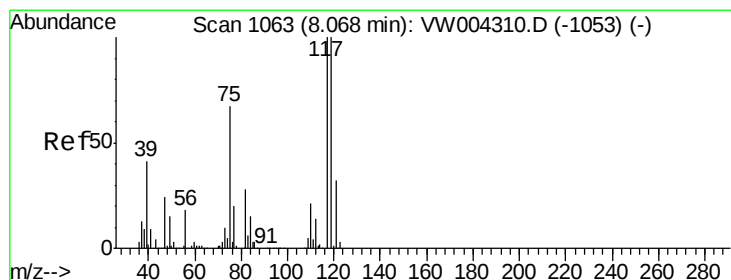
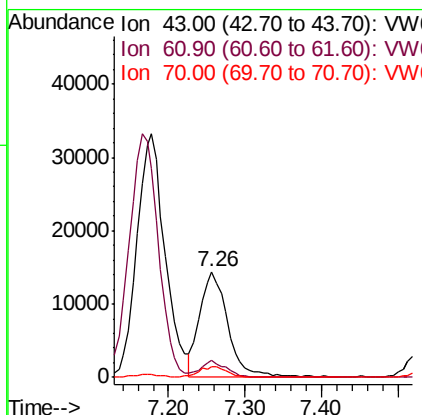
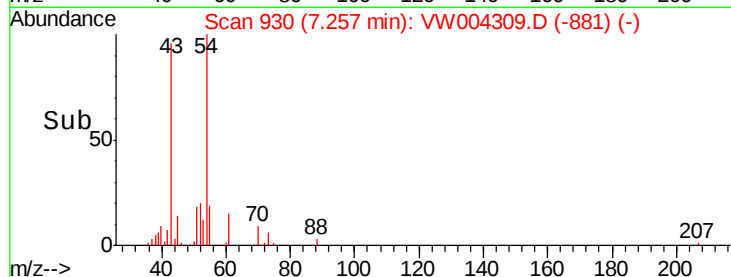
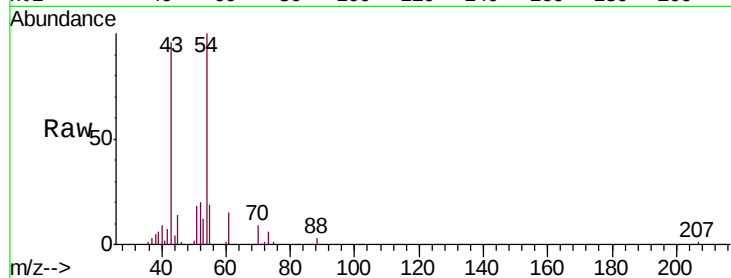
#37
Ethyl Acetate
Concen: 22.19 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.1	16.7
70	9.9	7.8	11.6

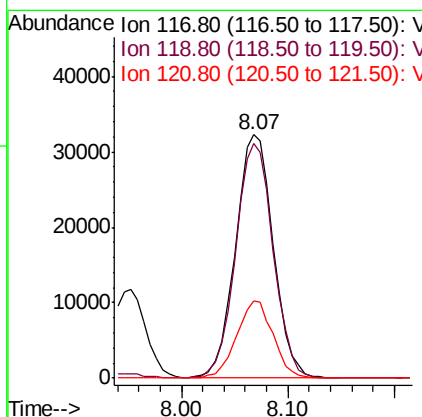
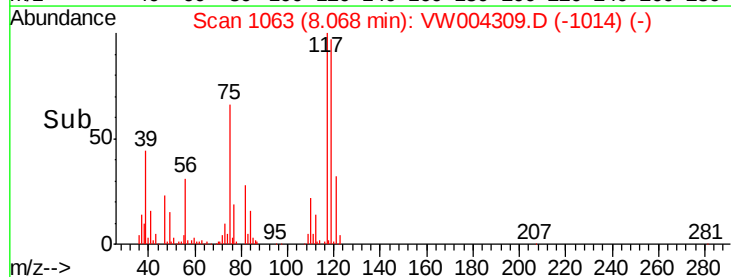
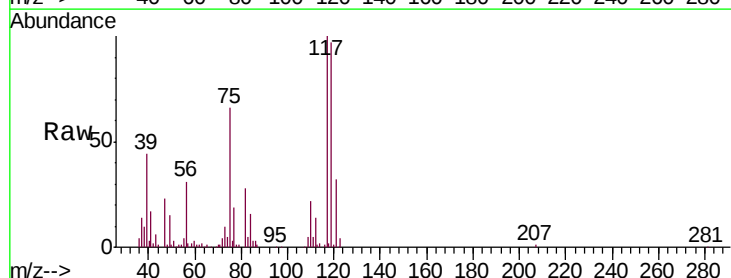
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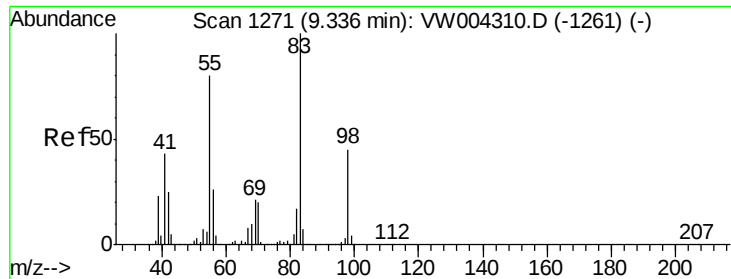
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#38
Carbon Tetrachloride
Concen: 19.77 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	79.7	119.5
121	31.8	25.7	38.5





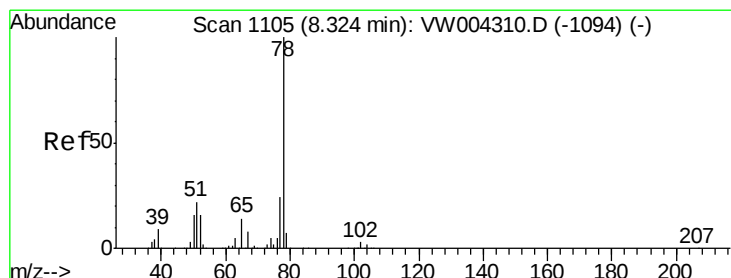
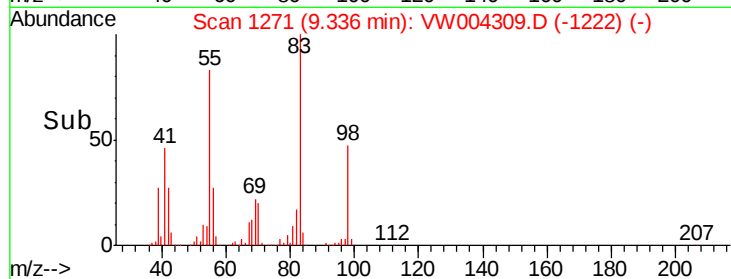
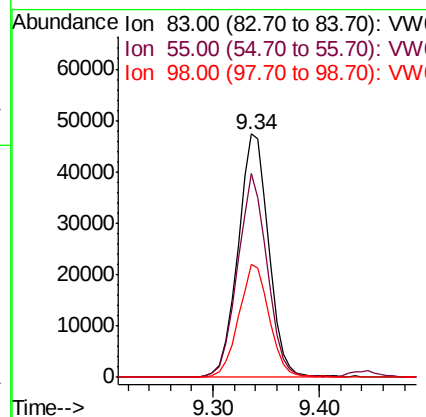
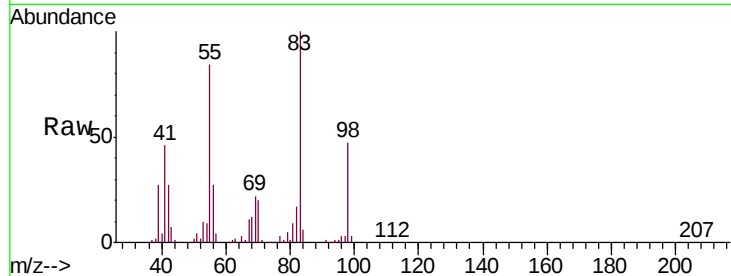
#39
Methvlcvclohexane
Concen: 19.36 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
83	100		
55	83.5	64.3	96.5
98	46.5	36.3	54.5

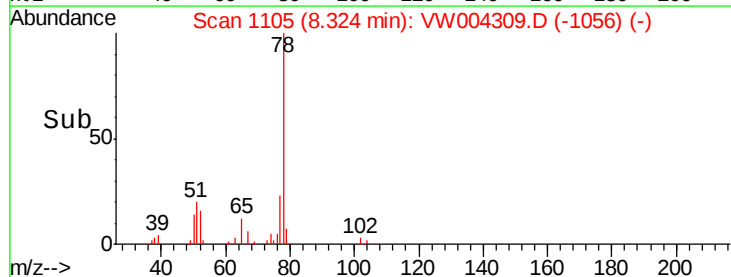
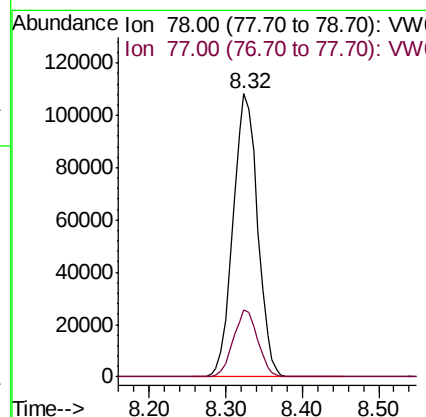
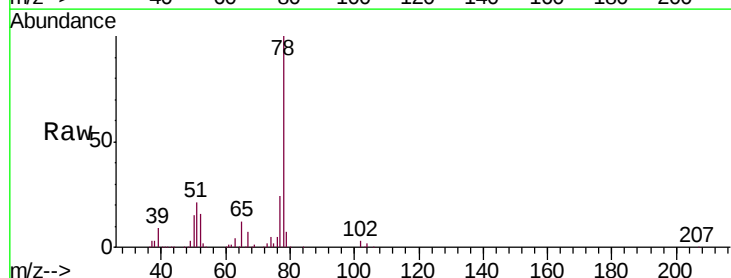
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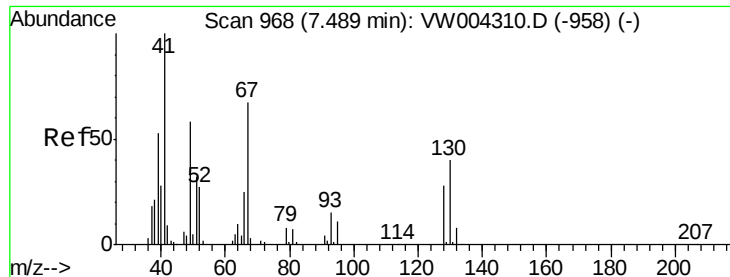
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#40
Benzene
Concen: 20.73 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.4	29.0





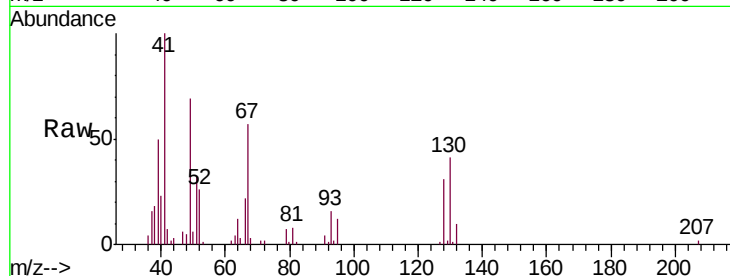
#41
Methacrylonitrile
Concen: 22.03 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.6	41.2	61.8
67	67.1	53.4	80.0
52	29.6	22.4	33.6

Manual Integrations
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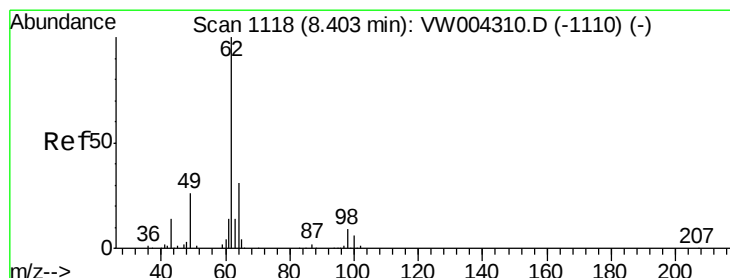
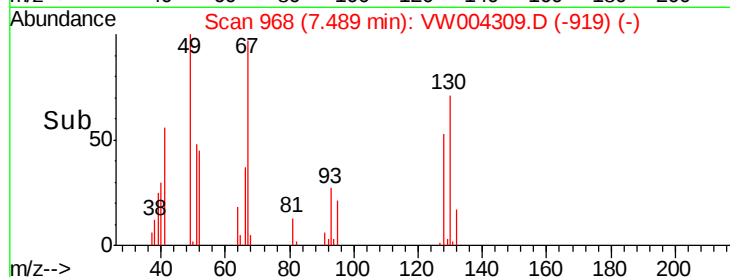
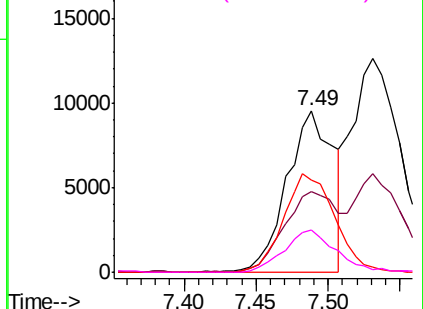
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

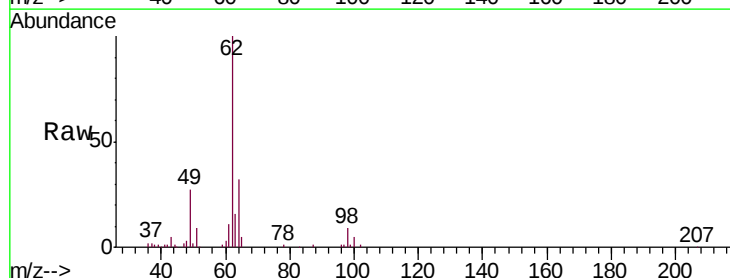
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 18.93 ug/l
RT: 8.40 min Scan# 1117
Delta R.T. -0.01 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

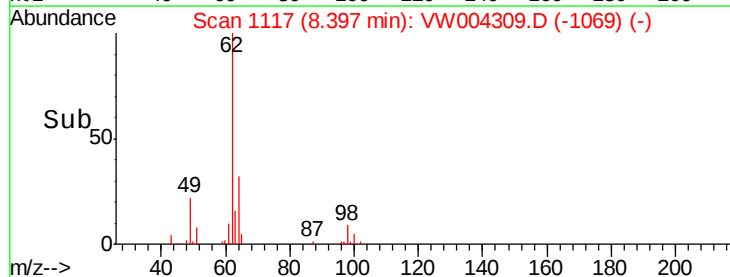
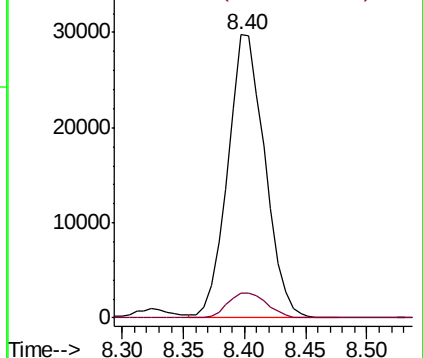
Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.4

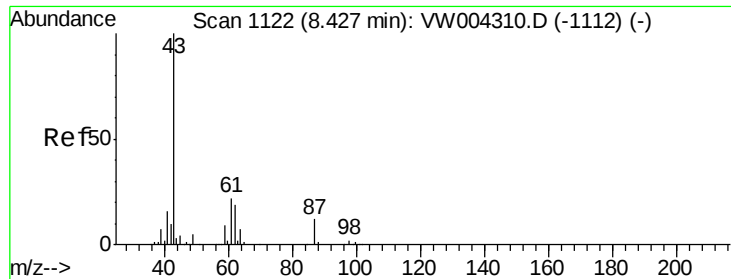


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 17.38 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

Instrument :

MSVOA_W

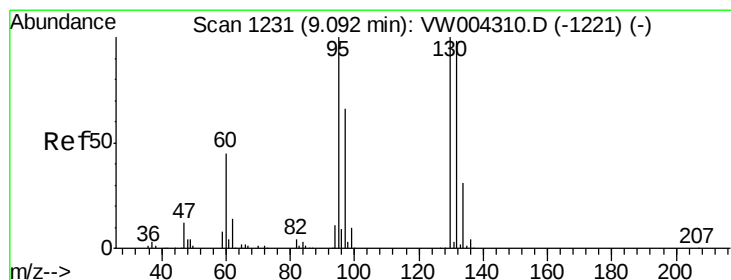
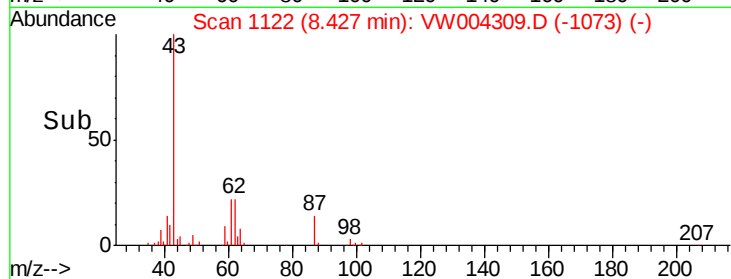
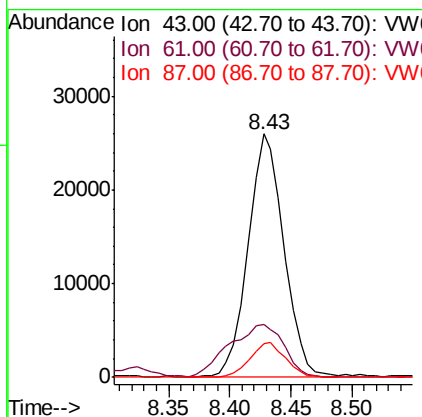
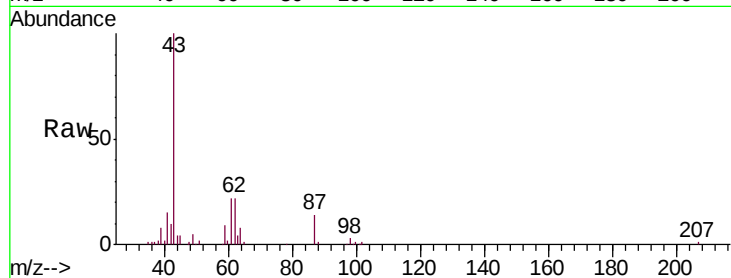
ClientSampleId :

VSTDIC020

Tot Ion:	43	Resp:	52729
Ion	Ratio	Lower	Upper
43	100		
61	33.5	24.5	36.7
87	14.3	10.4	15.6

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#44

Trichloroethene

Concen: 19.70 ug/l

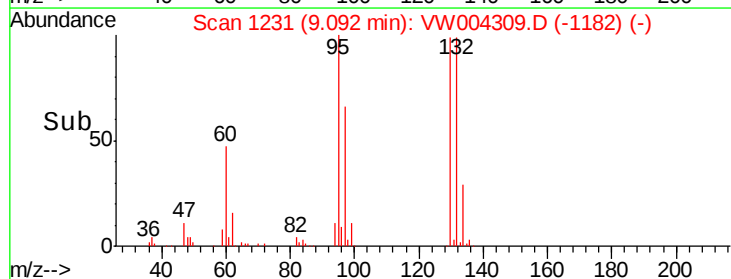
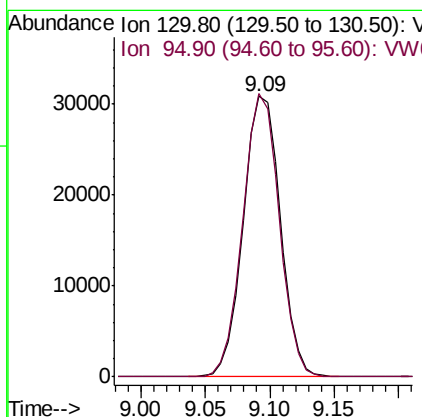
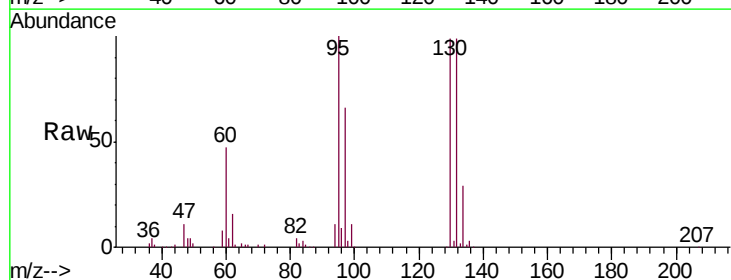
RT: 9.09 min Scan# 1231

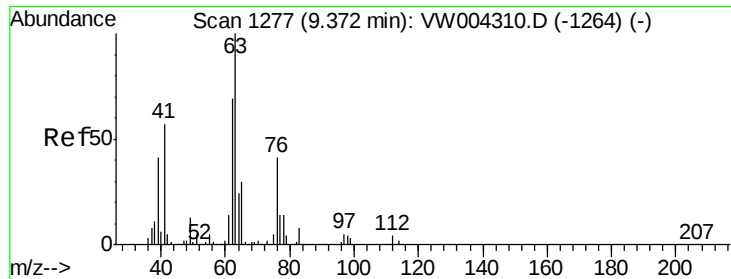
Delta R.T. 0.00 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

Tgt Ion:	130	Resp:	61452
Ion	Ratio	Lower	Upper
130	100		
95	100.9	0.0	199.4





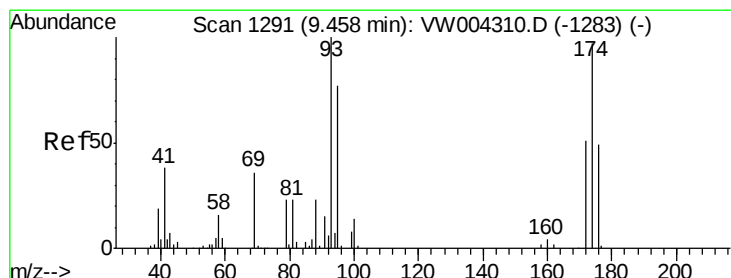
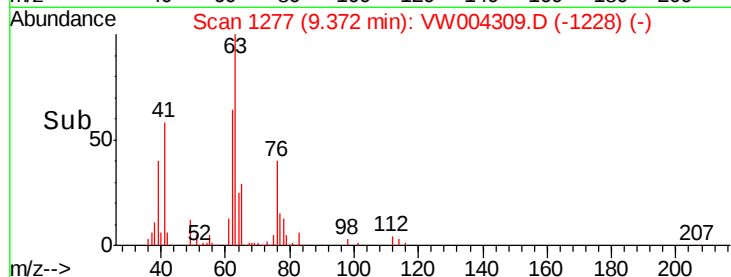
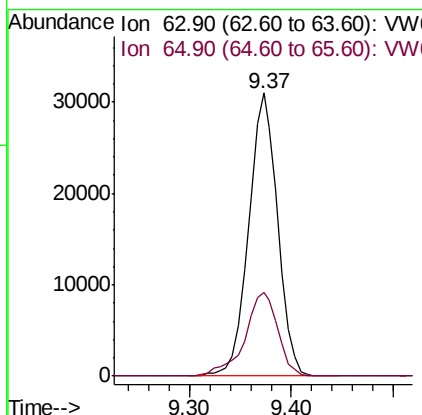
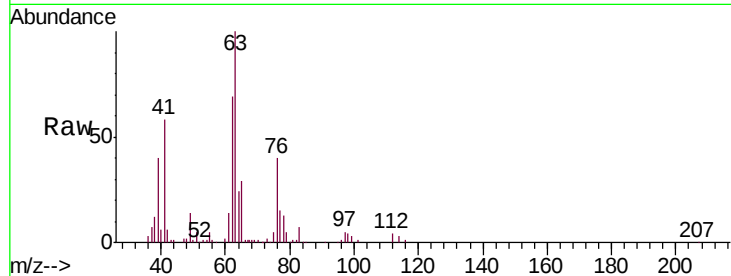
#45
 1,2-Dichloropropane
 Concen: 21.32 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.4	23.9	35.9

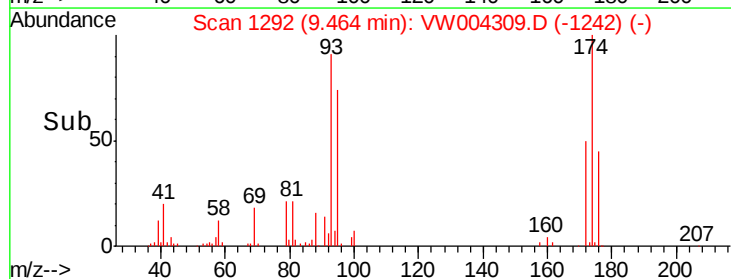
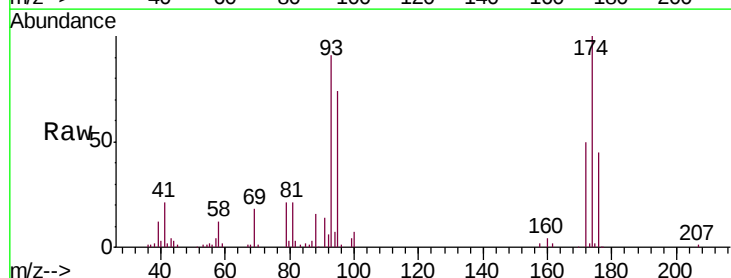
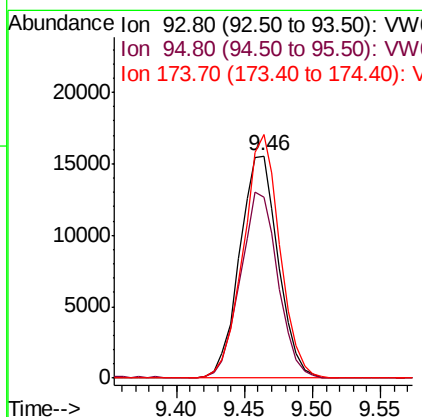
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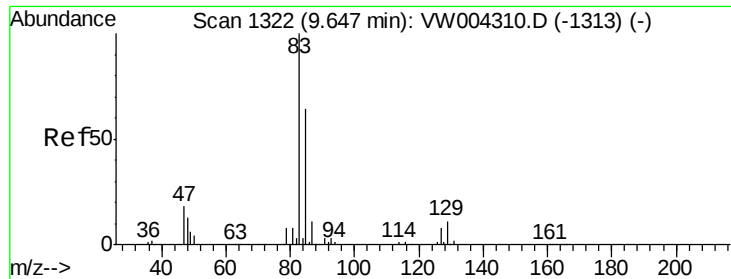
apatel
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#46
 Dibromomethane
 Concen: 21.02 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.6	65.8	98.8
174	104.1	83.7	125.5





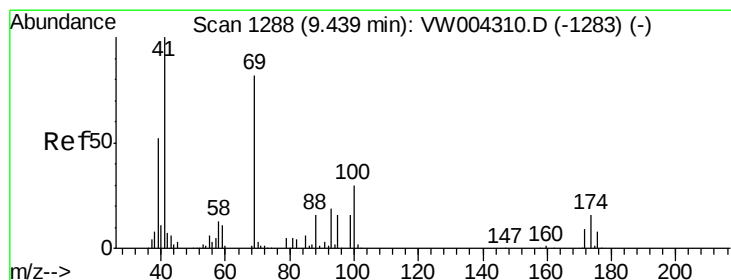
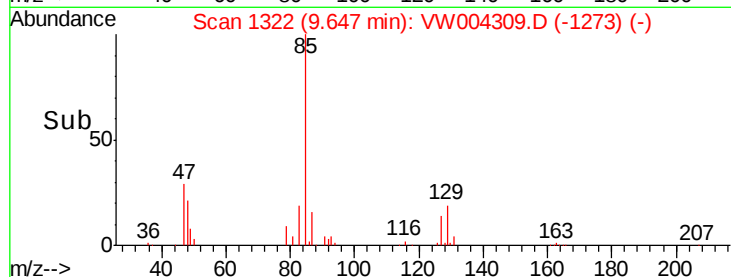
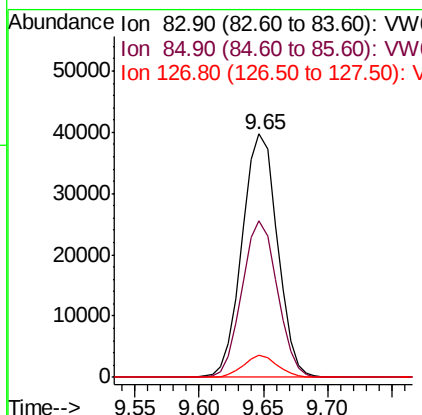
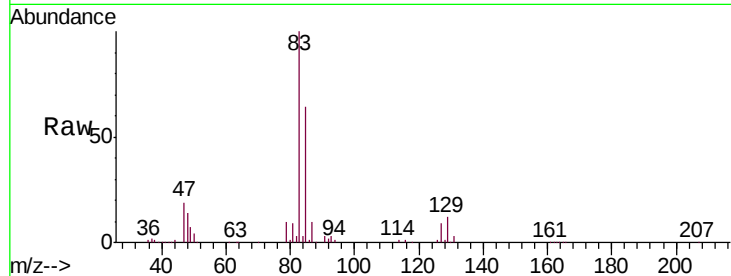
#47
Bromodichloromethane
Concen: 20.29 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.3	76.9
127	9.2	6.6	9.8

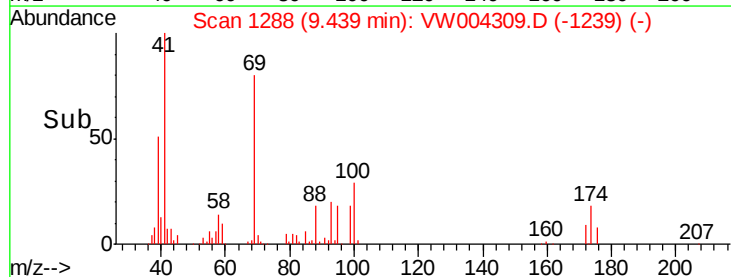
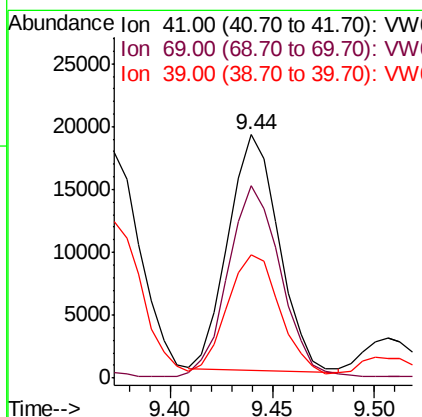
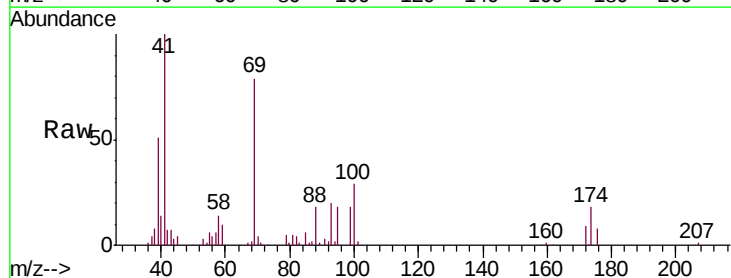
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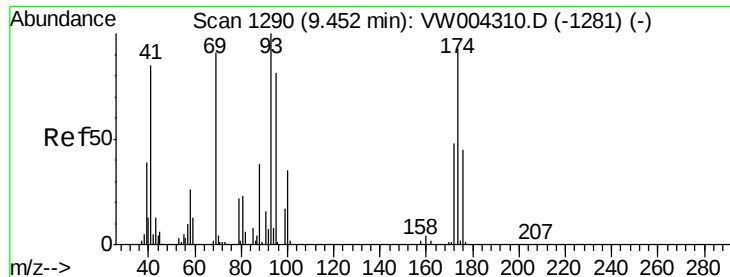
apatel
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#48
Methyl methacrylate
Concen: 20.89 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Tgt Ion	Ratio	Lower	Upper
41	100		
69	86.6	69.7	104.5
39	56.1	41.8	62.8





#49

1,4-Dioxane

Concen: 445.86 ug/l

RT: 9.45 min Scan# 1290

Delta R.T. 0.00 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

Instrument :

MSVOA_W

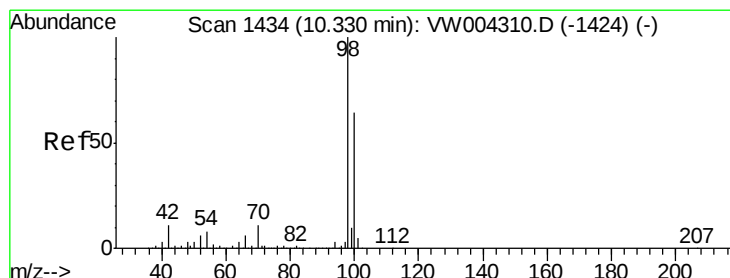
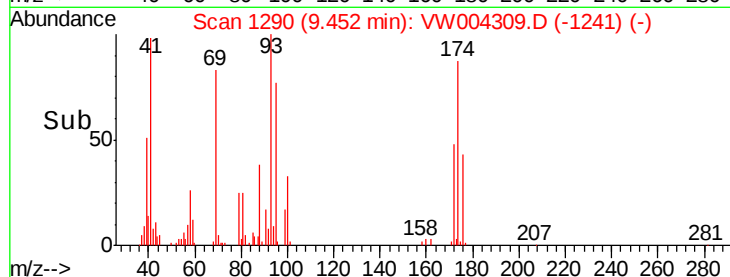
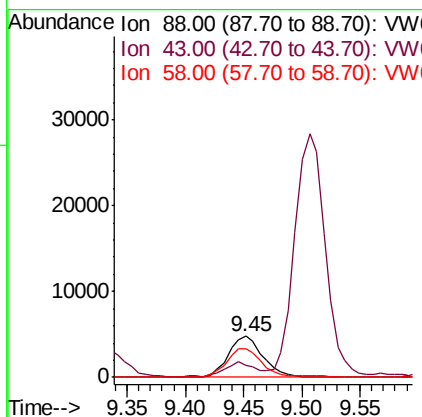
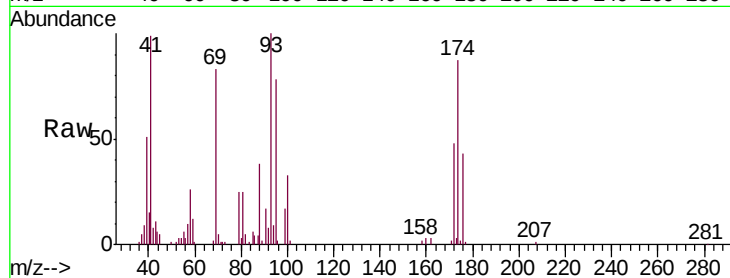
ClientSampled :

VSTDIC020

Tot Ion:	88	Resp:	9895
Ion	Ratio	Lower	Upper
88	100		
43	31.1	28.3	42.5
58	72.2	60.2	90.4

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#50

Toluene-d8

Concen: 19.34 ug/l

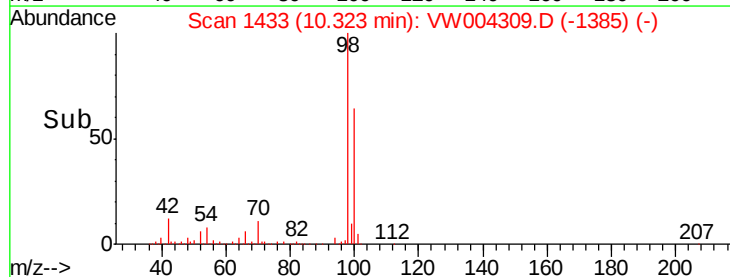
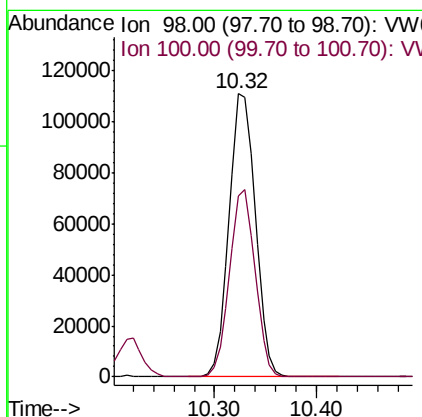
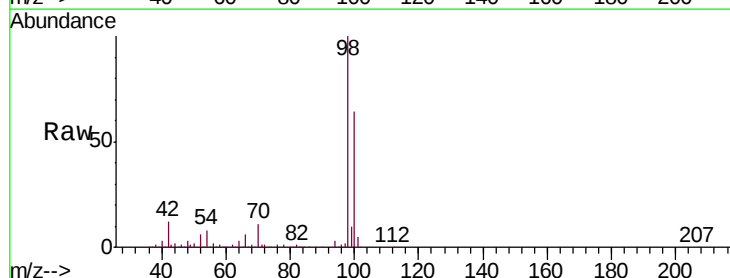
RT: 10.32 min Scan# 1433

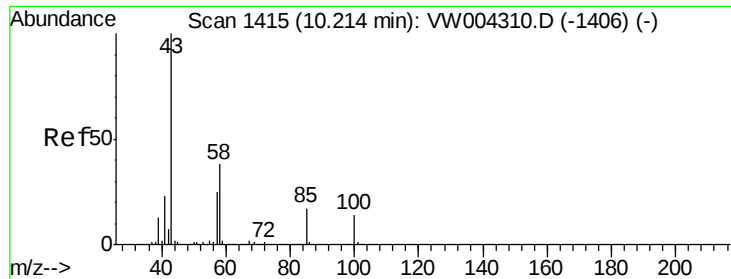
Delta R.T. -0.01 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

Tgt Ion:	98	Resp:	198303
Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 109.24 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

Tot Ion: 43 Resp: 181844

Ion Ratio Lower Upper

43 100

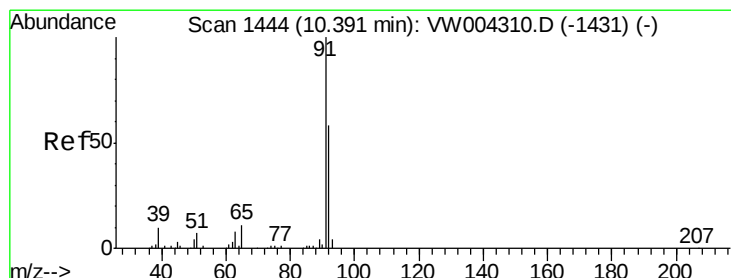
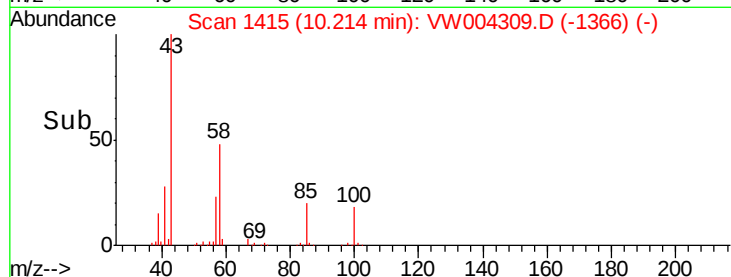
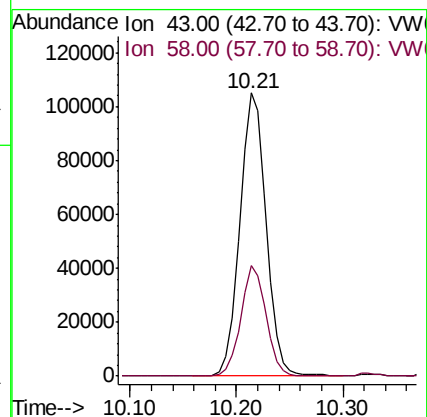
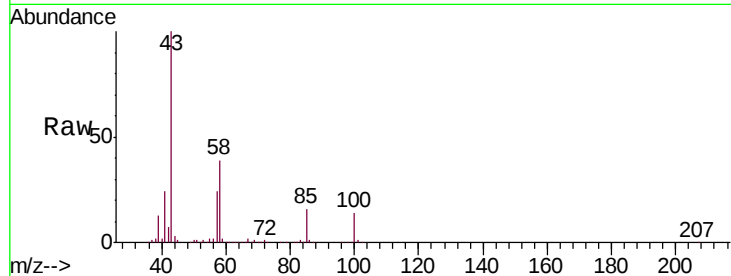
58 37.5 30.6 45.8

Manual Integrations

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#52

Toluene

Concen: 20.35 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004309.D

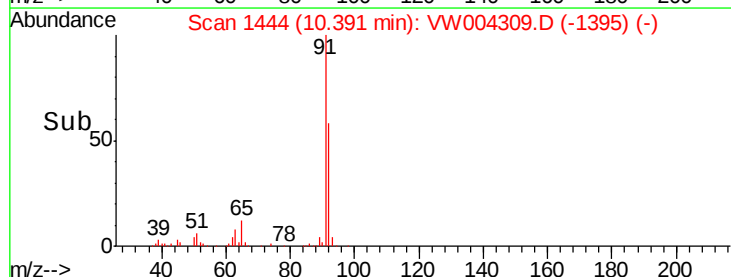
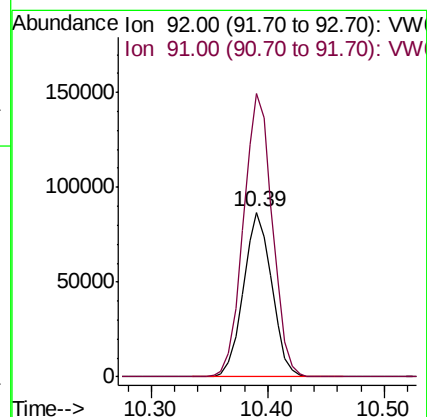
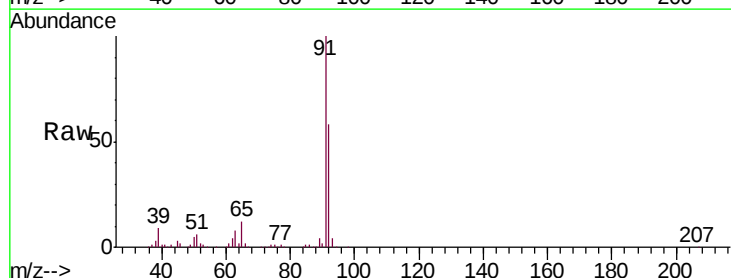
Acq: 29 Jul 2018 12:38

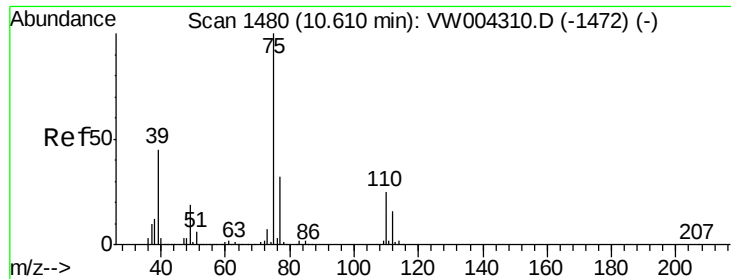
Tgt Ion: 92 Resp: 147638

Ion Ratio Lower Upper

92 100

91 174.7 139.0 208.4





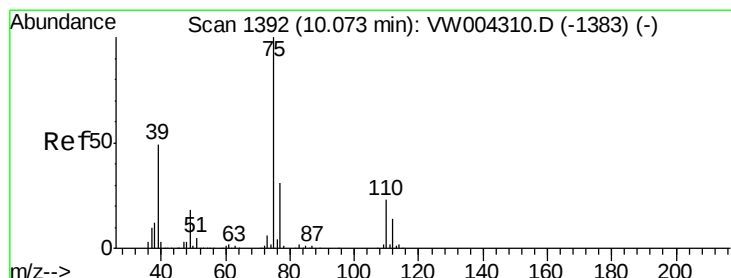
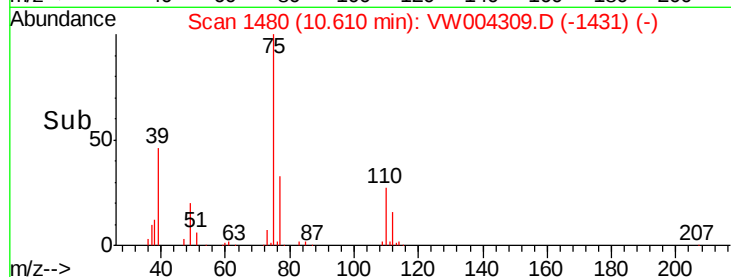
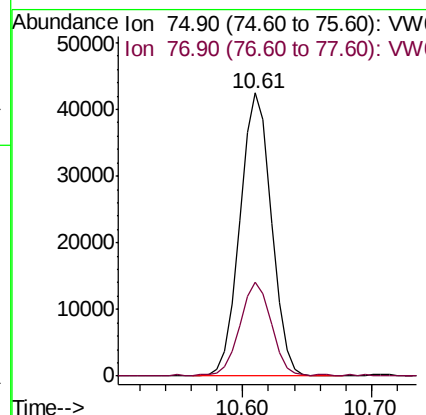
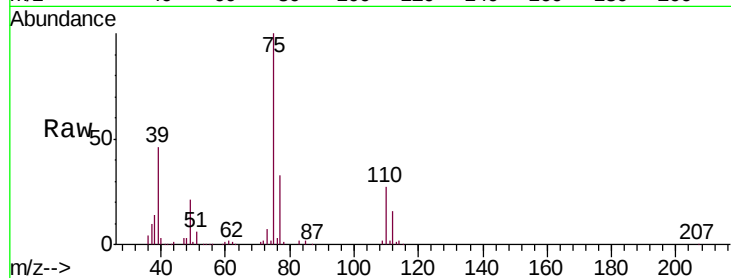
#53
 t-1,3-Dichloropropene
 Concen: 19.26 ug/l
 RT: 10.61 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC020

Tot Ion: 75 Resp: 71632
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.8 38.6

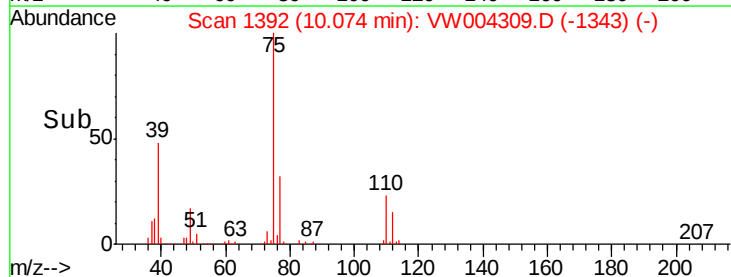
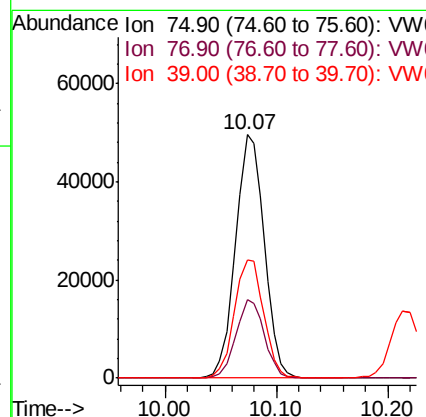
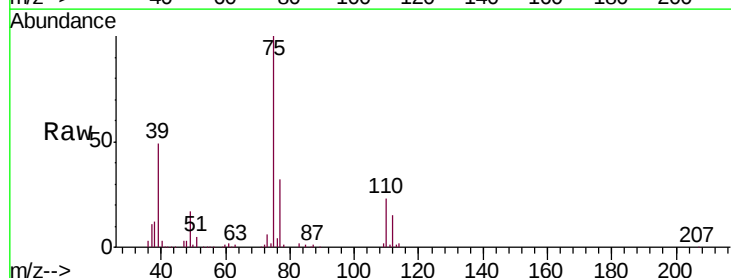
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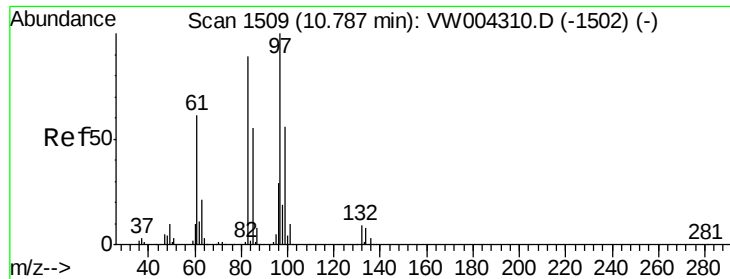
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#54
 cis-1,3-Dichloropropene
 Concen: 20.45 ug/l
 RT: 10.07 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Tgt Ion: 75 Resp: 88677
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.0 37.4
 39 48.6 39.0 58.6





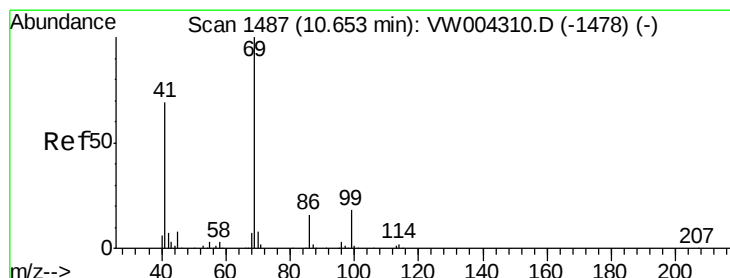
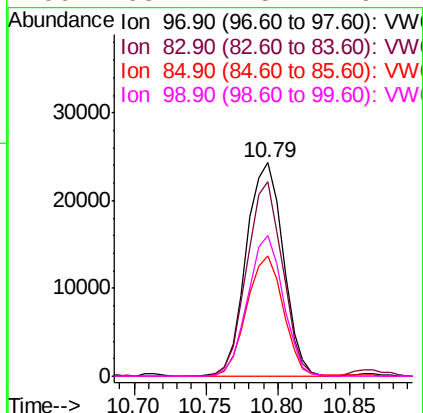
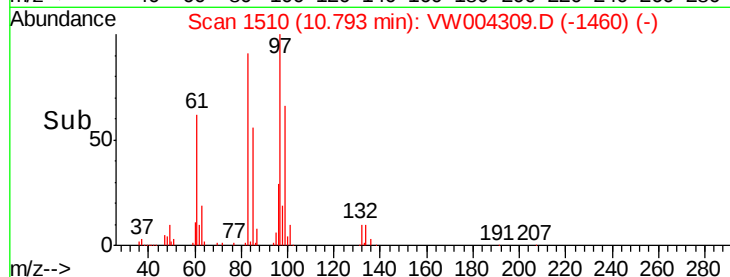
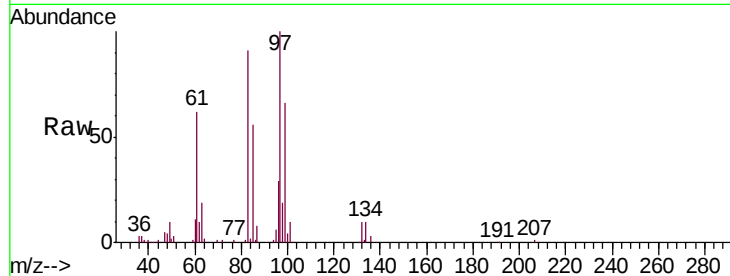
#55
 1,1,2-Trichloroethane
 Concen: 20.79 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion:	97	Resp:	43375
Ion	Ratio	Lower	Upper
97	100		
83	91.3	70.8	106.2
85	56.1	43.7	65.5
99	65.7	45.1	67.7

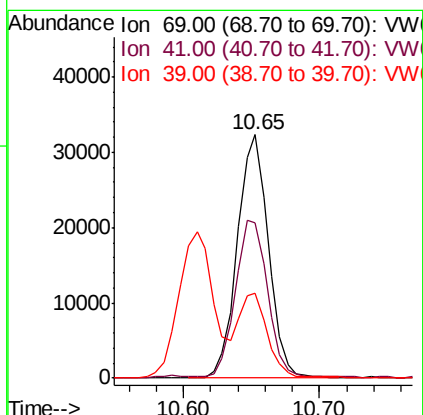
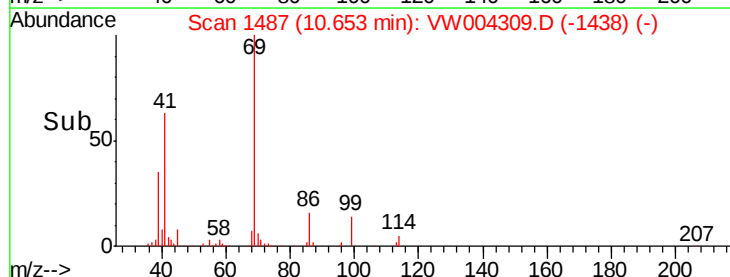
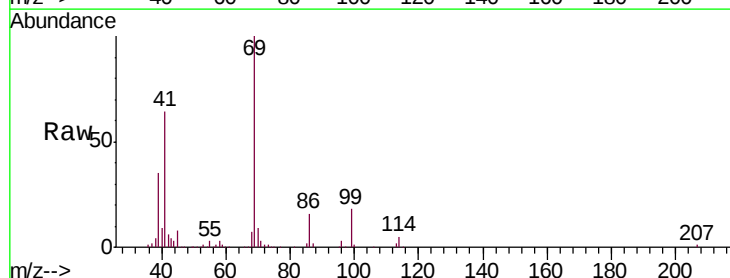
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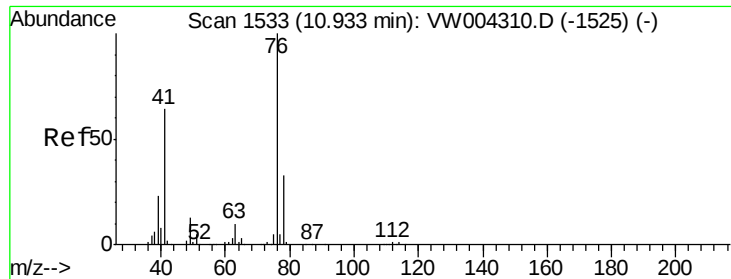
apatel
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#56
 Ethyl methacrylate
 Concen: 20.49 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Tgt Ion:	69	Resp:	51707
Ion	Ratio	Lower	Upper
69	100		
41	65.8	54.7	82.1
39	30.8	24.4	36.6





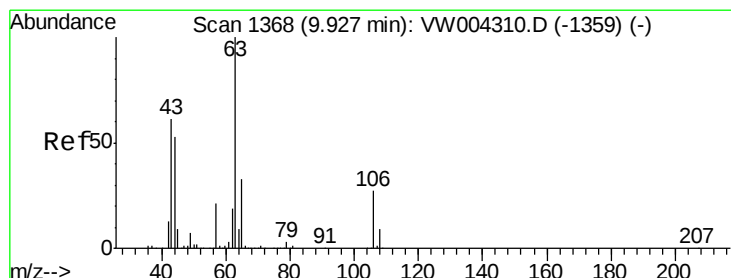
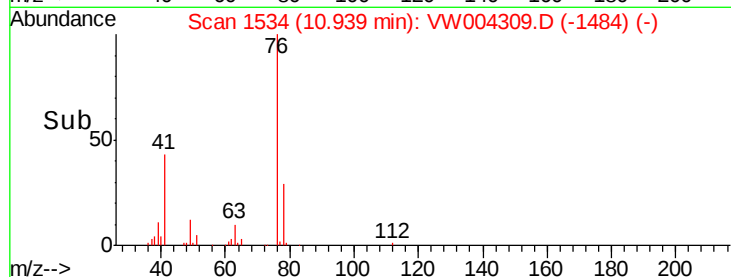
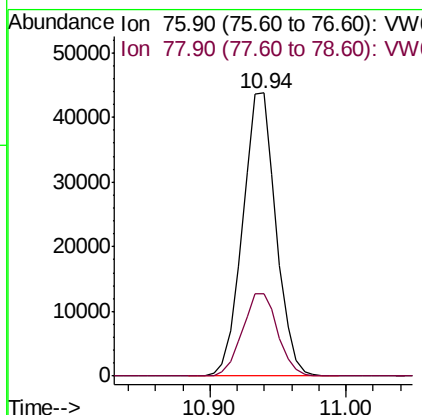
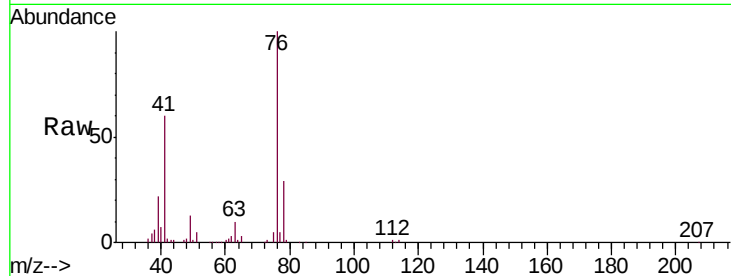
#57
 1,3-Dichloropropane
 Concen: 21.00 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion: 76 Resp: 74623
 Ion Ratio Lower Upper
 76 100
 78 31.2 25.6 38.4

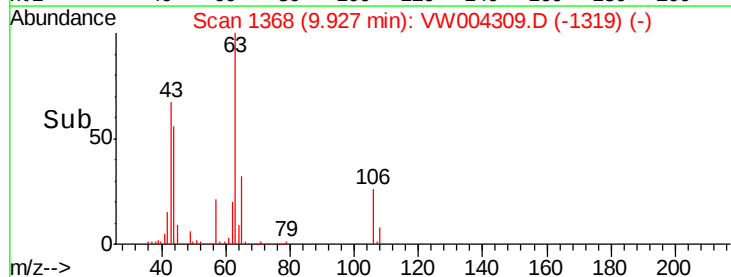
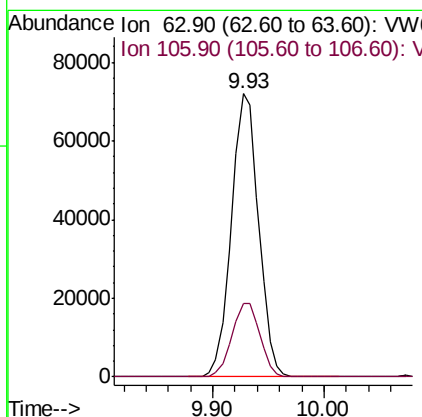
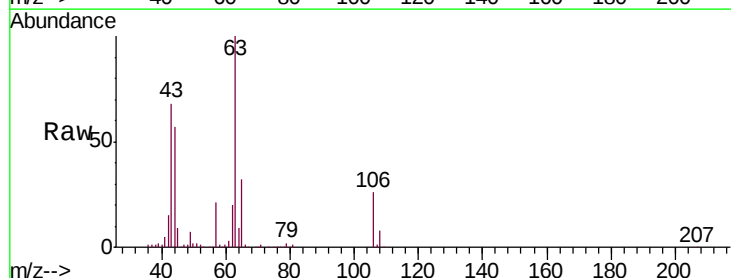
Manual Integrations
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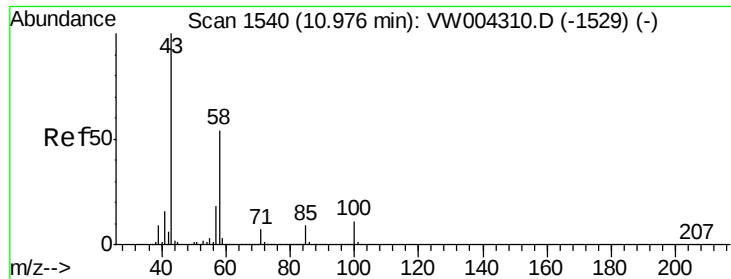
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 108.36 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Tgt Ion: 63 Resp: 121498
 Ion Ratio Lower Upper
 63 100
 106 27.0 21.9 32.9





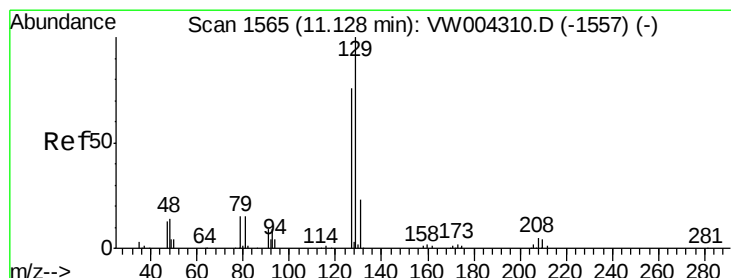
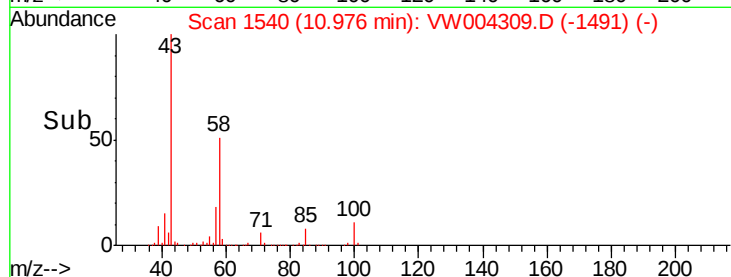
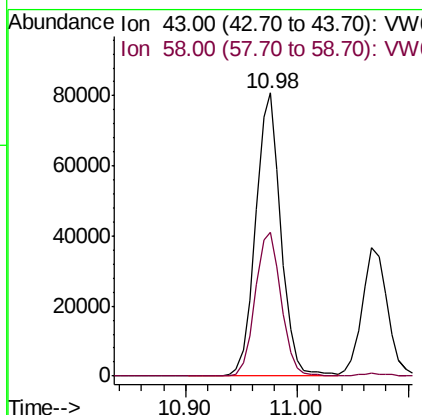
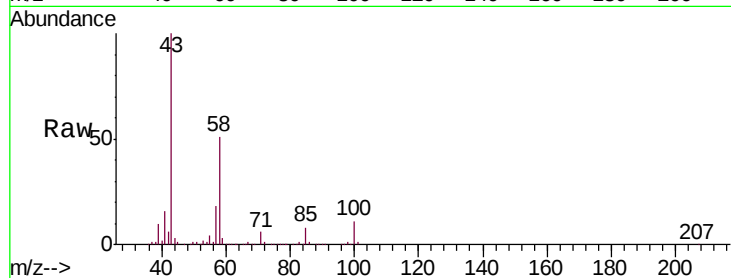
#59
2-Hexanone
Concen: 111.64 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Tot Ion	43	Resp	127611
Ion Ratio	43	100	
Lower	58	52.2	26.5
Upper			79.4

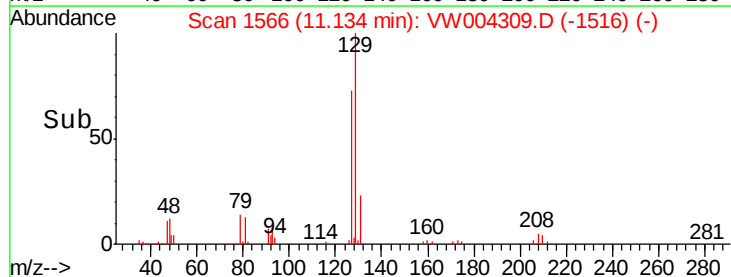
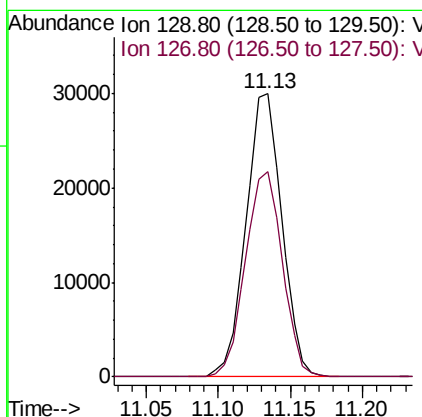
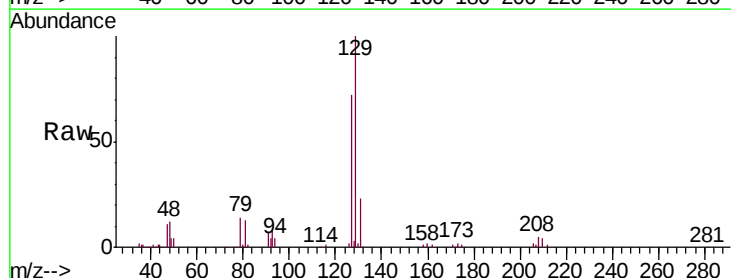
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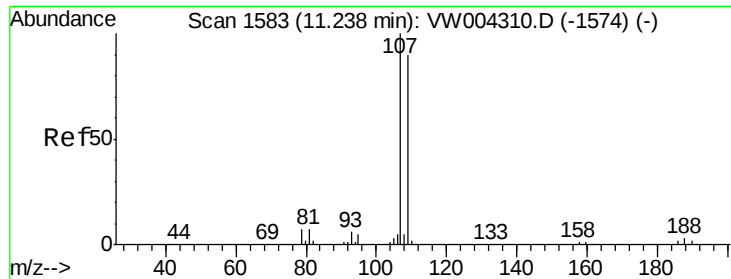
apatel
7/30/2018 10:32:25 AM



#60
Dibromochloromethane
Concen: 20.65 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Tgt Ion	129	Resp	51534
Ion Ratio	129	100	
Lower	127	74.7	38.9
Upper			116.7





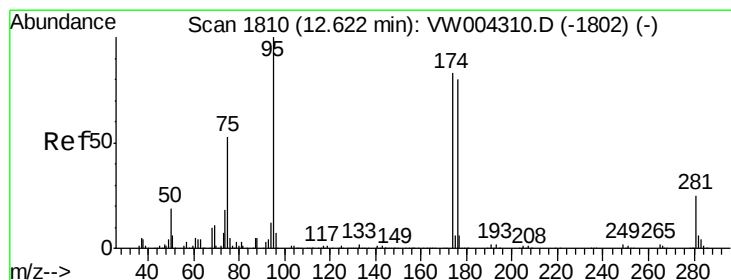
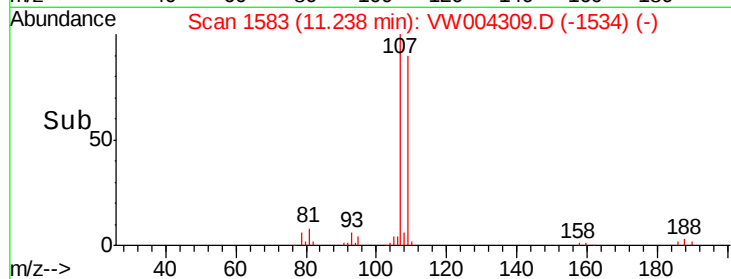
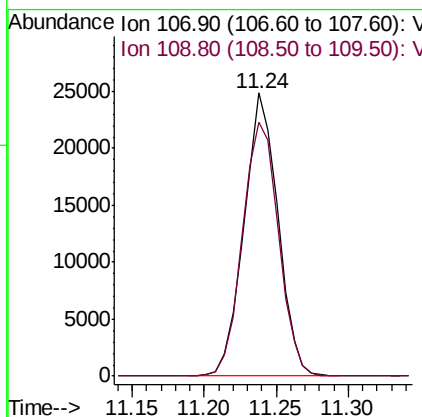
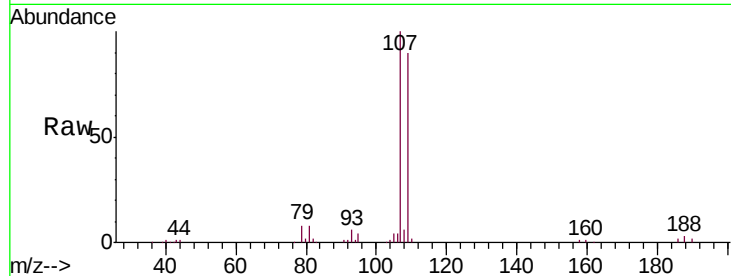
#61
 1,2-Dibromoethane
 Concen: 20.34 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion: 107 Resp: 40467
 Ion Ratio Lower Upper
 107 100
 109 95.4 74.6 112.0

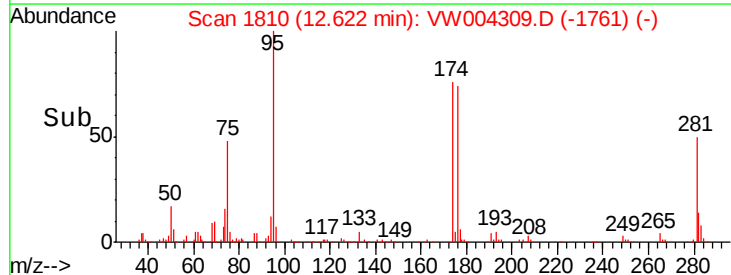
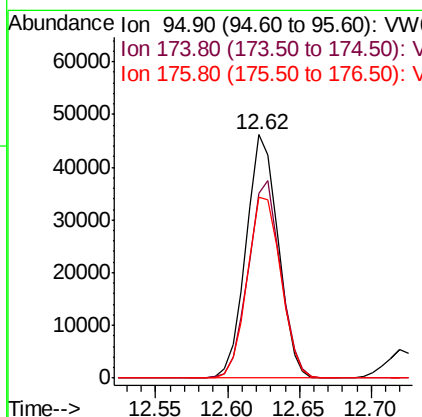
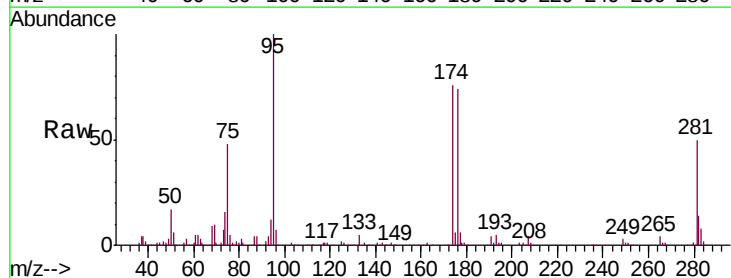
Manual Integrations
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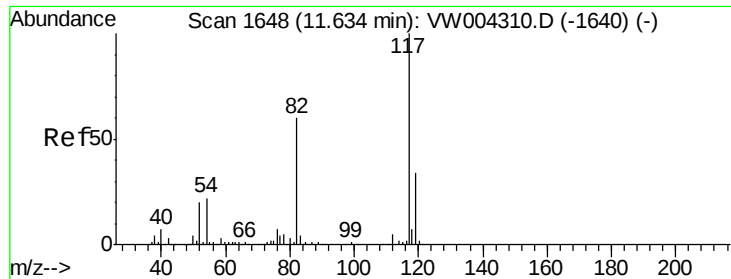
apatel
 7/30/2018 10:32:25 AM



#62
 4-Bromofluorobenzene
 Concen: 19.67 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Tgt Ion: 95 Resp: 71014
 Ion Ratio Lower Upper
 95 100
 174 81.4 0.0 167.8
 176 78.6 0.0 162.4





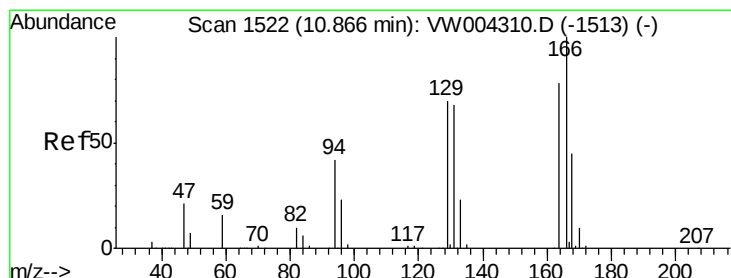
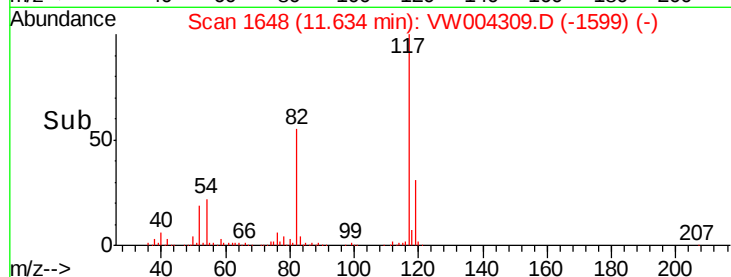
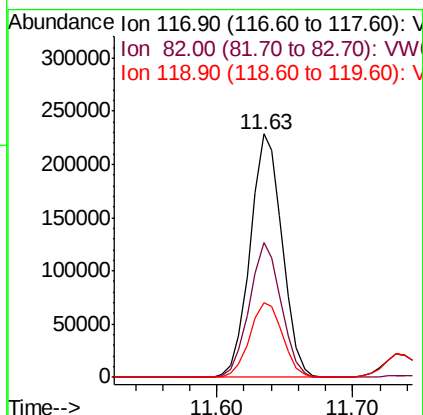
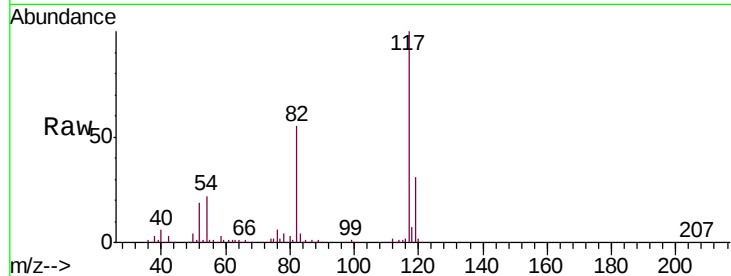
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	47.9	71.9
119	30.6	27.1	40.7

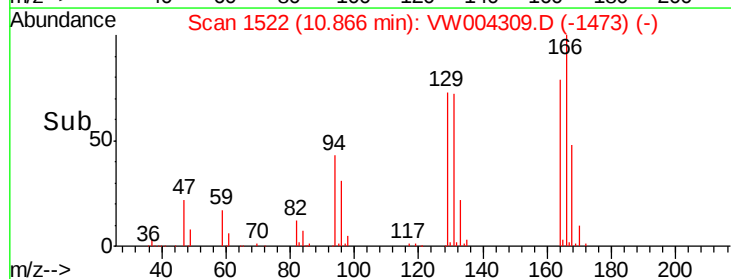
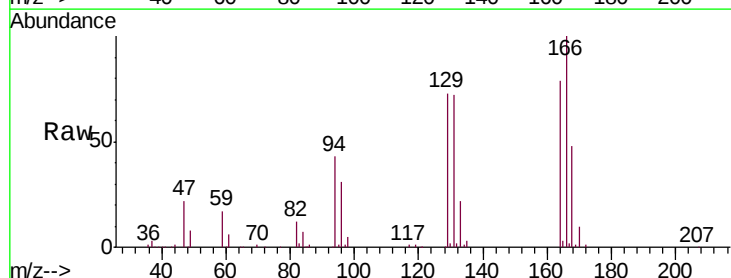
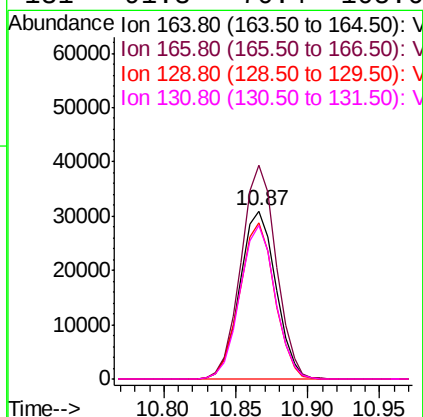
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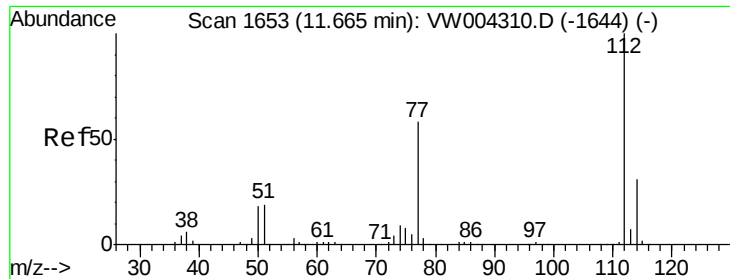
apatel
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#64
Tetrachloroethene
Concen: 19.38 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.1	103.2	154.8
129	93.3	72.1	108.1
131	91.3	70.4	105.6





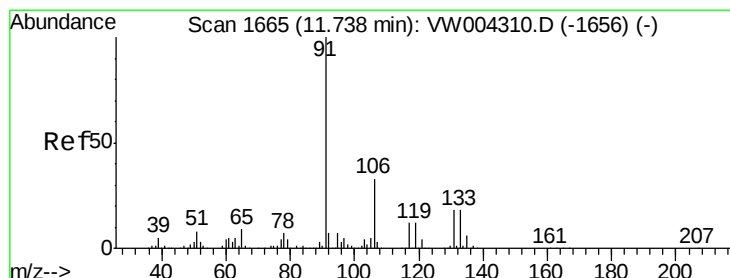
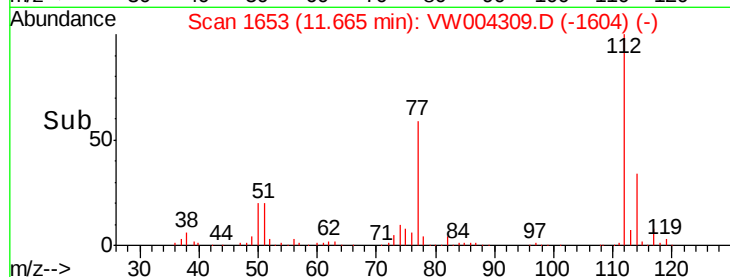
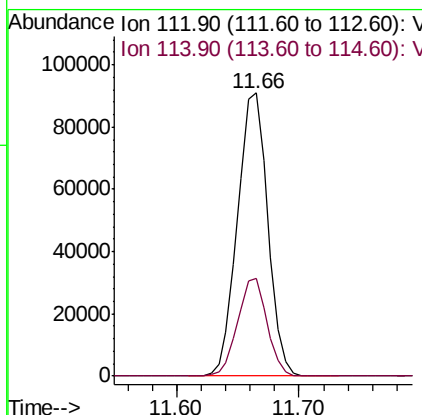
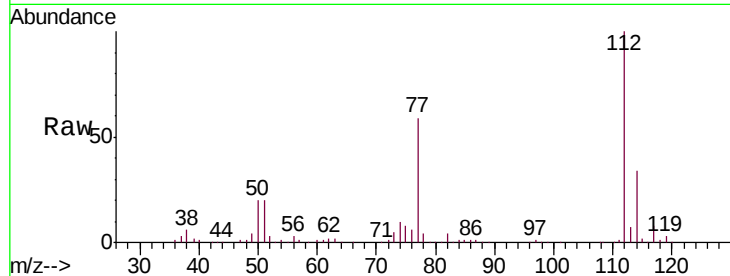
#65
Chlorobenzene
Concen: 19.73 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion:112 Resp: 156250
Ion Ratio Lower Upper
112 100
114 34.3 24.7 37.1

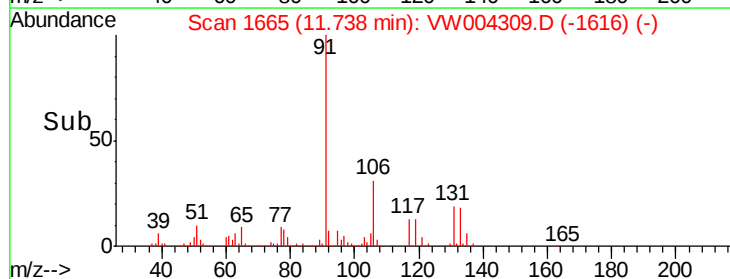
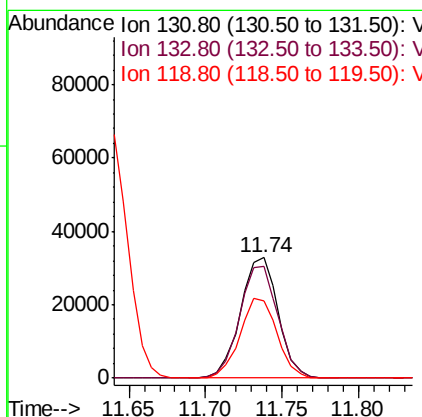
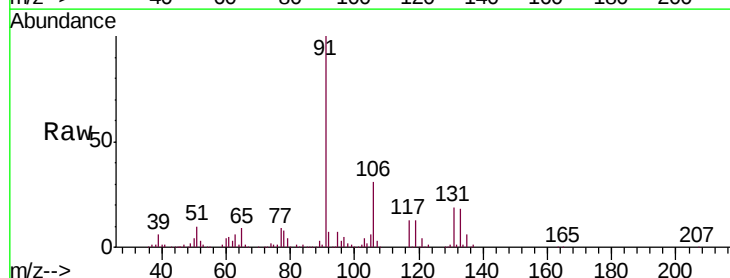
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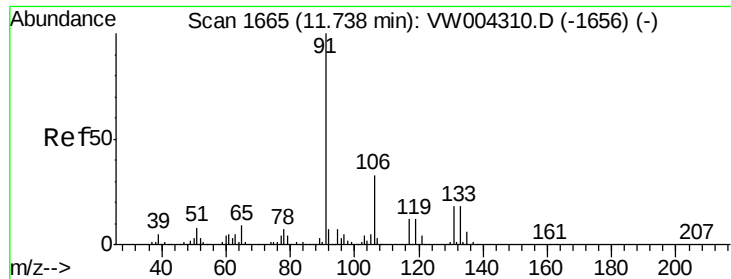
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.98 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Tgt Ion:131 Resp: 55807
Ion Ratio Lower Upper
131 100
133 95.0 48.6 145.9
119 65.7 33.1 99.5





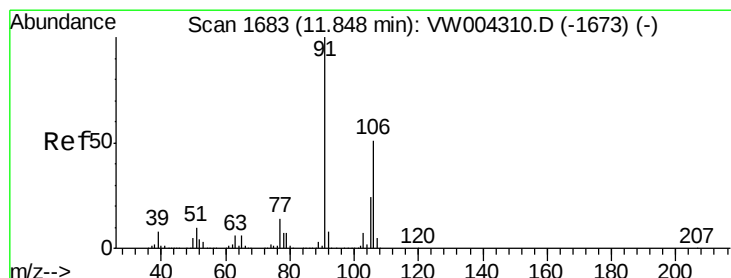
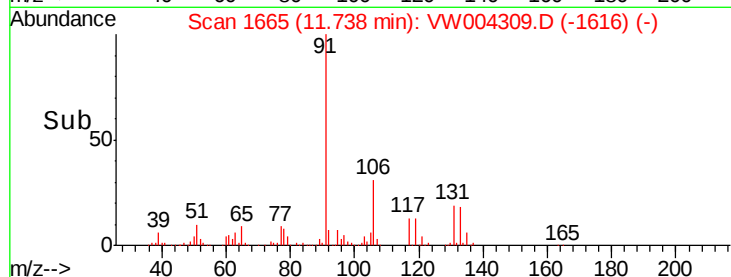
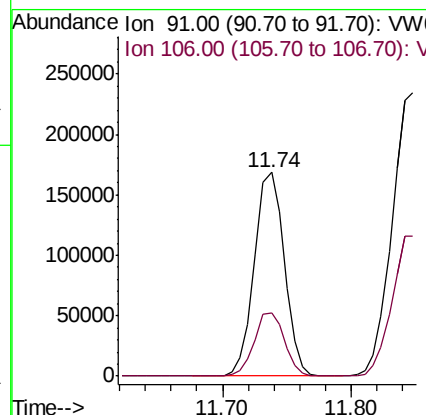
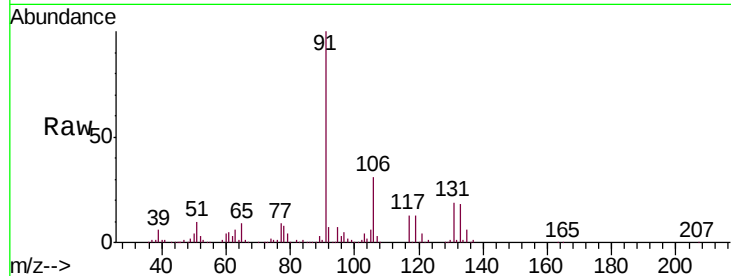
#67
Ethyl Benzene
Concen: 19.65 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.1	26.1	39.1

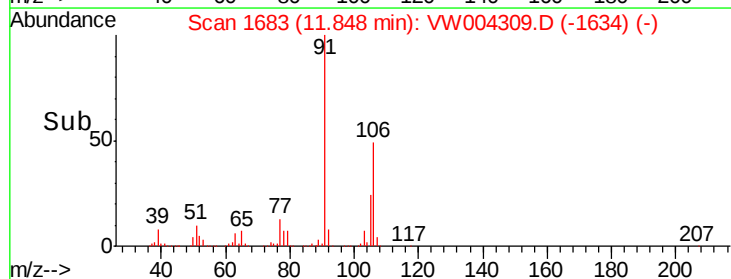
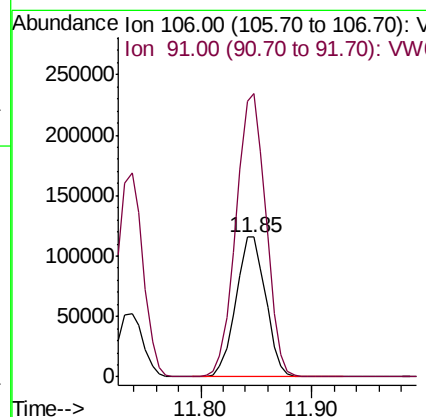
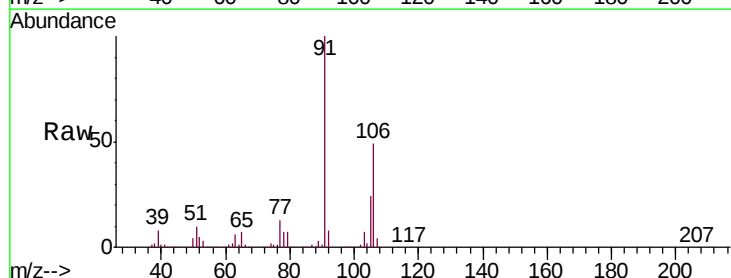
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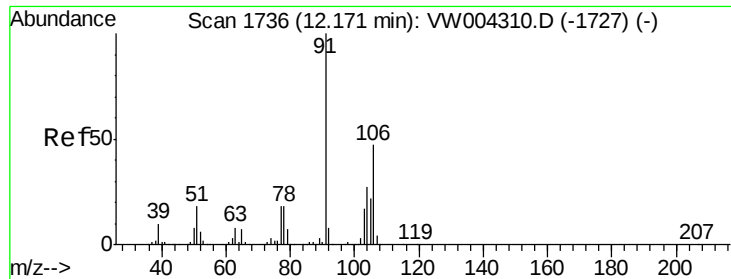
apatel
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#68
m/p-Xylenes
Concen: 40.44 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Tgt Ion	Ratio	Lower	Upper
106	100		
91	202.1	162.2	243.2





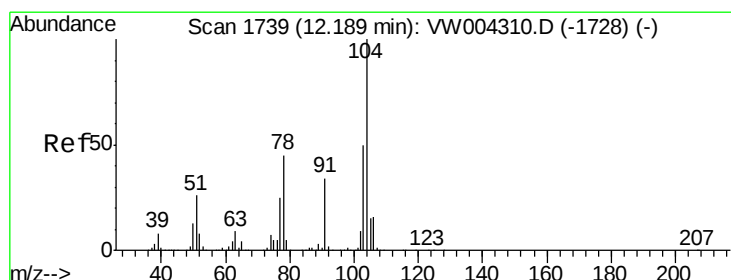
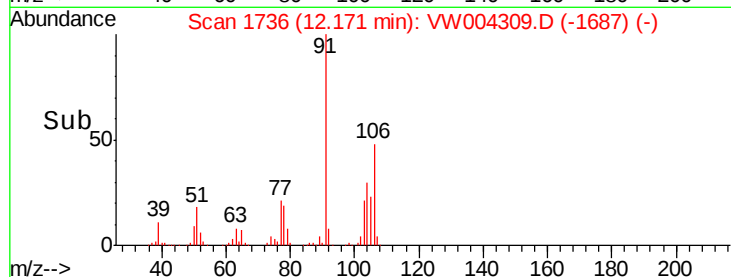
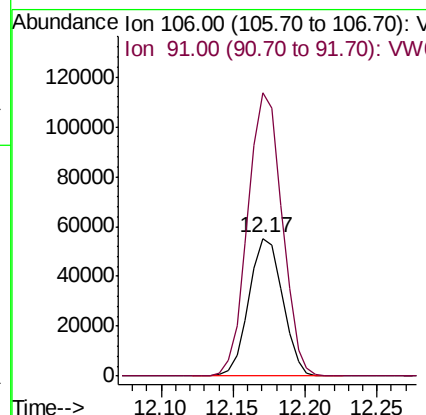
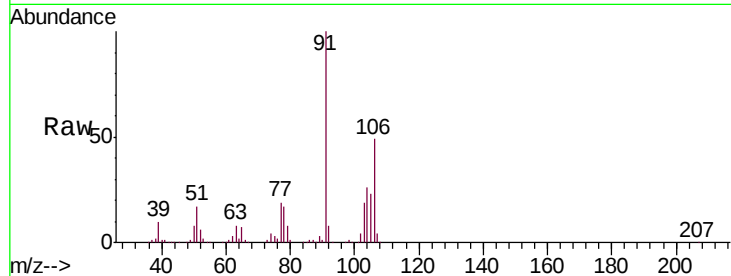
#69
o-Xylene
Concen: 18.25 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	209.5	108.7	326.1	

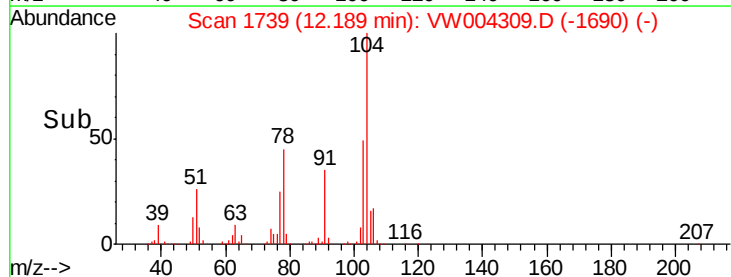
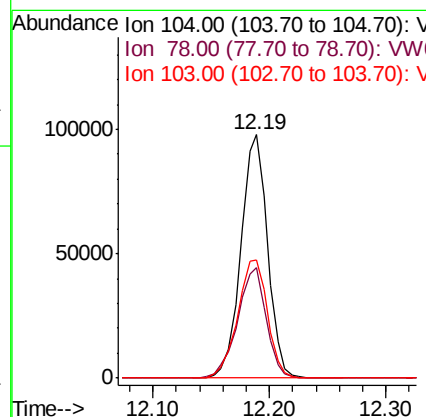
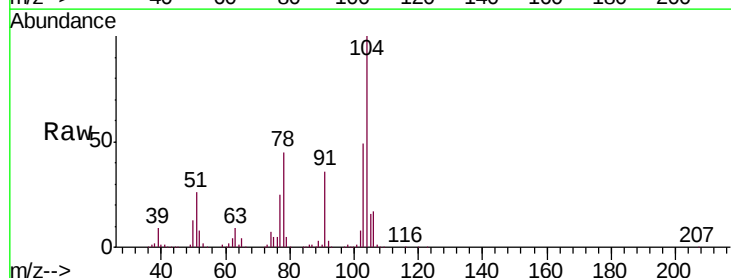
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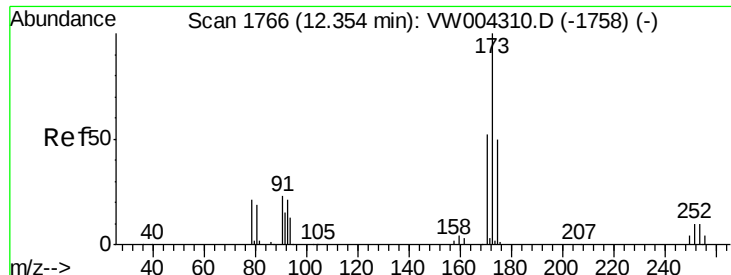
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#70
Styrene
Concen: 18.83 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	48.8	40.9	61.3	
103	54.6	45.0	67.6	





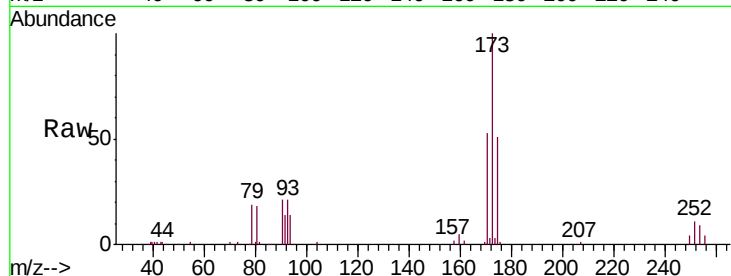
#71
Bromoform
Concen: 19.45 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.5	73.5
254	0.0	0.2	0.2

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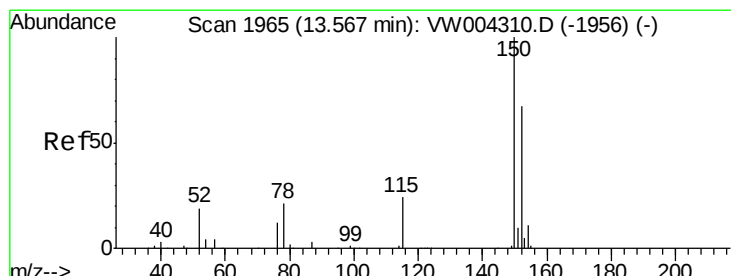
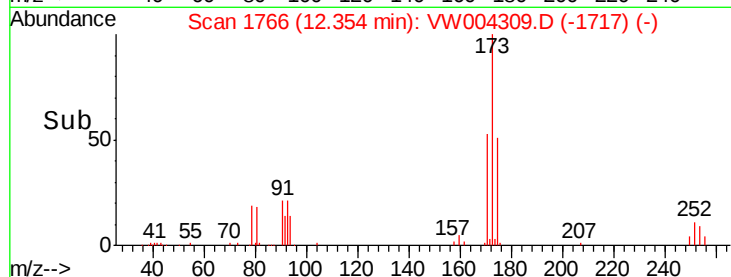
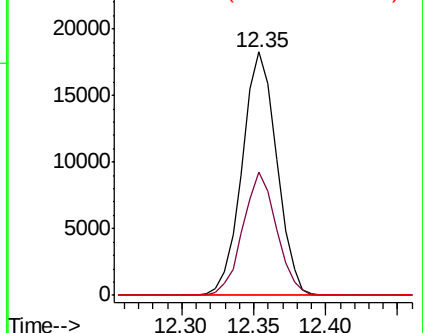


Abundance

Ion 172.70 (172.40 to 173.40): V

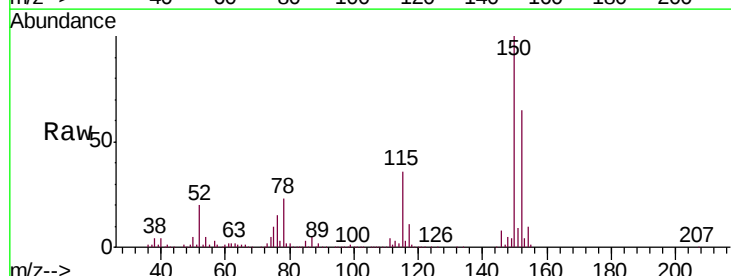
Ion 174.70 (174.40 to 175.40): V

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: VW004309.D
Acq: 29 Jul 2018 12:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.7	28.8	86.4
150	163.0	0.0	346.4

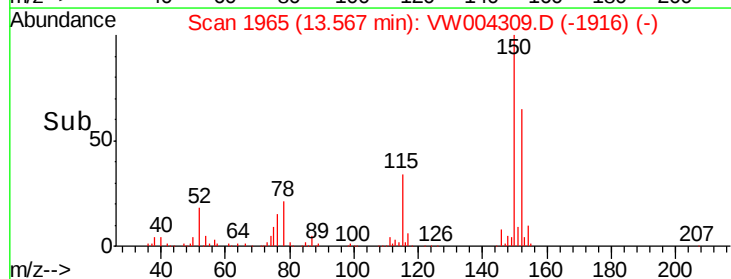
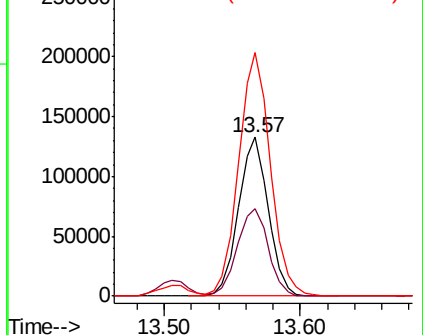


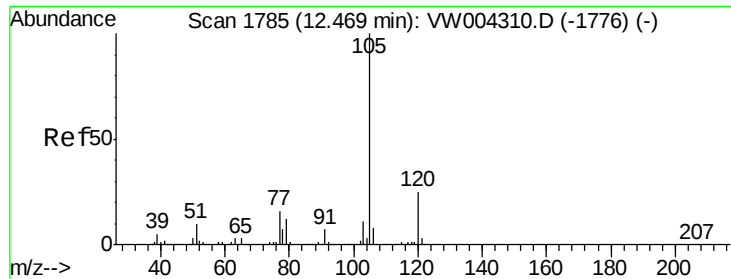
Abundance

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





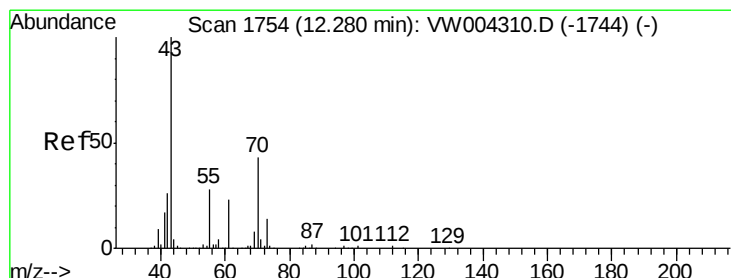
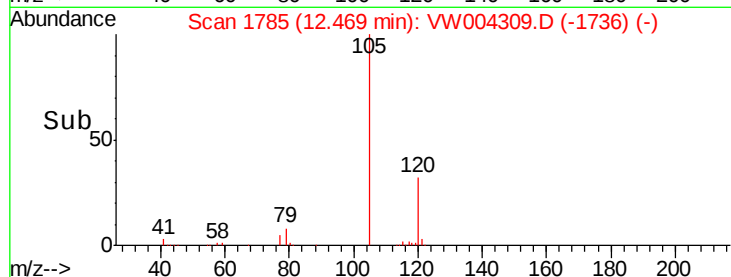
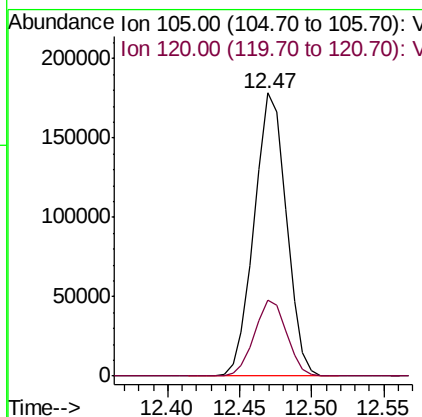
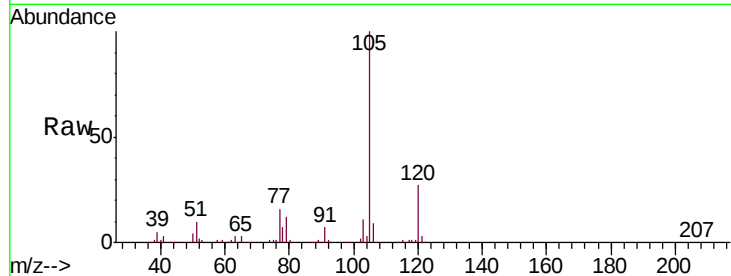
#73
Isopropylbenzene
Concen: 19.62 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.2	39.6

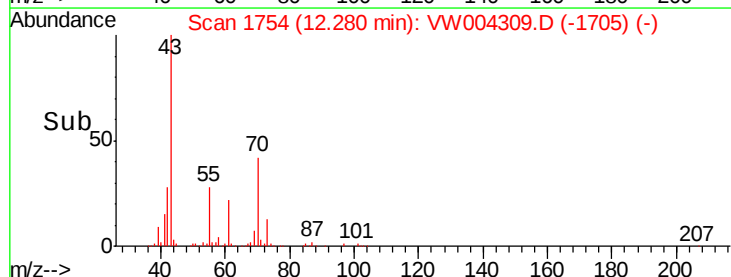
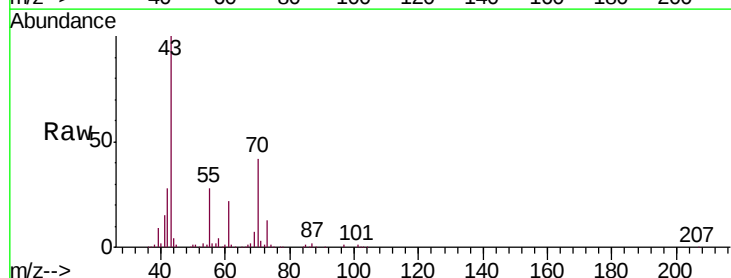
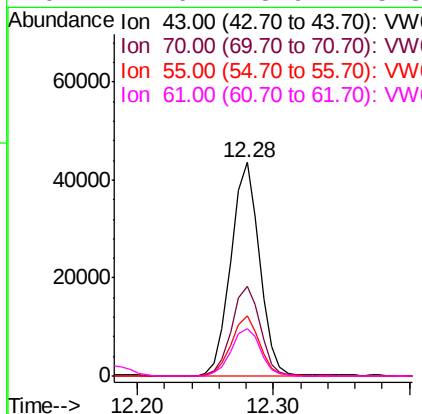
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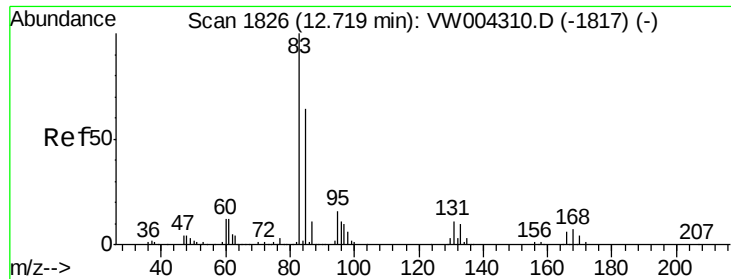
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#74
N-ethyl acetate
Concen: 21.16 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Tgt Ion	Ratio	Lower	Upper
43	100		
70	41.7	34.2	51.4
55	27.7	21.8	32.8
61	22.6	18.9	28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.78 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

Instrument :

MSVOA_W

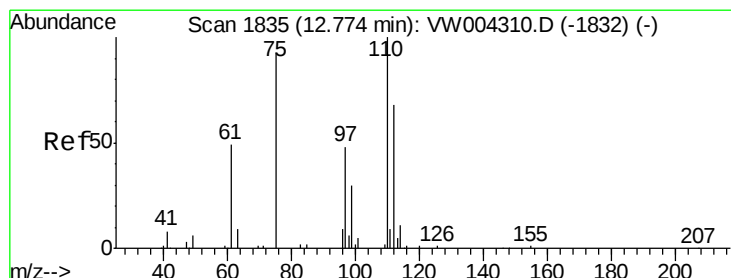
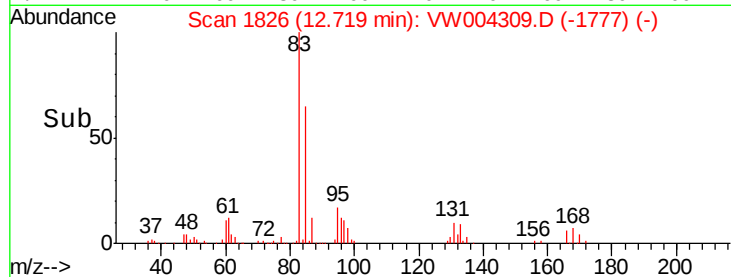
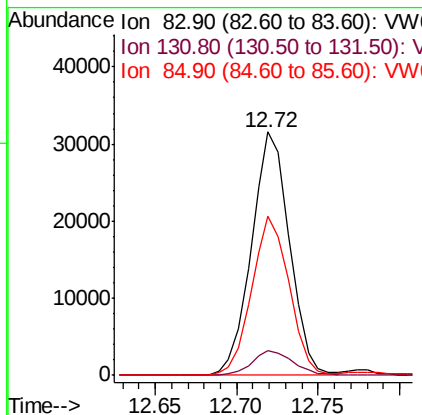
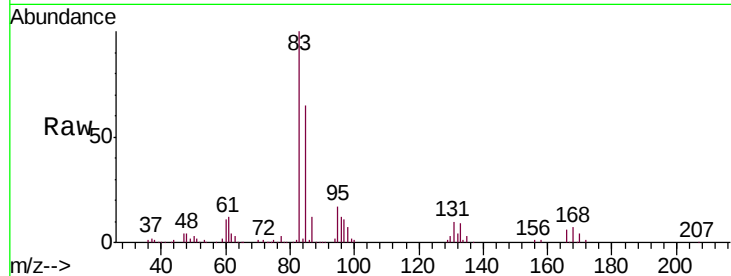
ClientSampled :

VSTDIC020

Tot Ion:	83	Resp:	51067
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.5	16.4
85	64.5	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 11.20 ug/l m

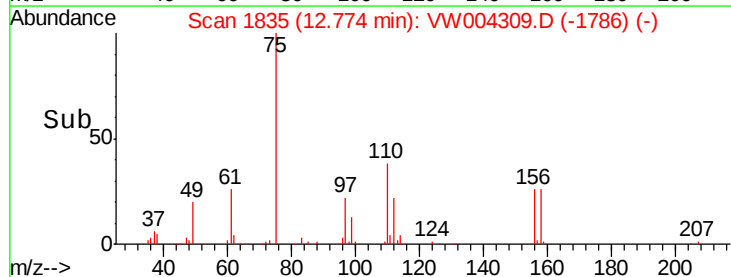
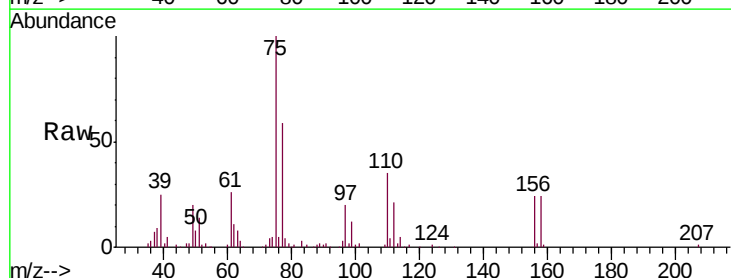
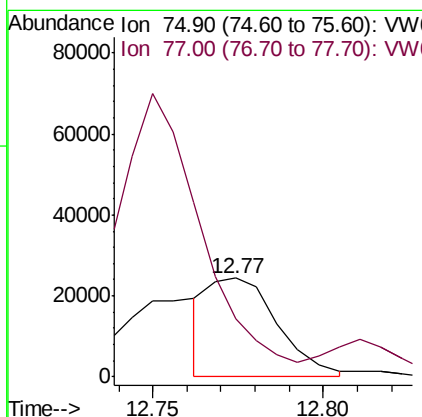
RT: 12.77 min Scan# 1835

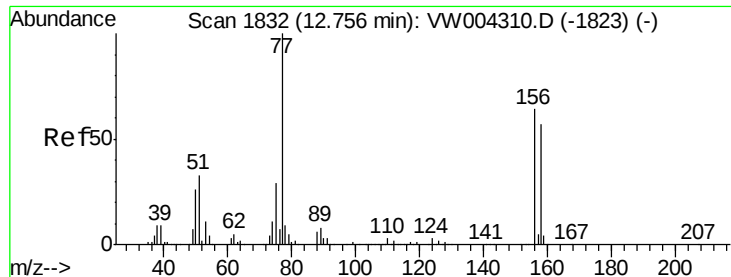
Delta R.T. 0.00 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

Tgt Ion:	75	Resp:	34528
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.49 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion:156 Resp: 66068

Ion Ratio Lower Upper

156 100

77 187.2 92.9 278.7

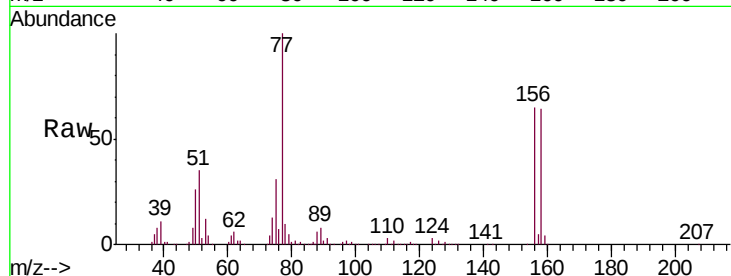
158 97.9 47.6 142.8

Manual Integrations

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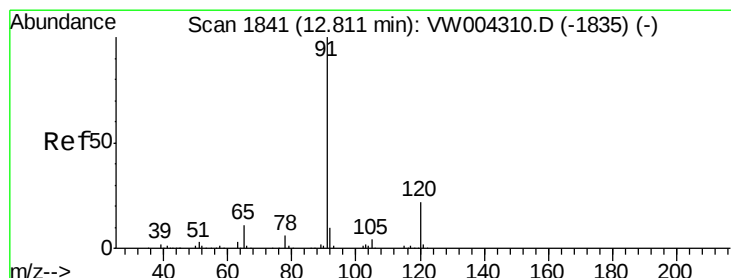
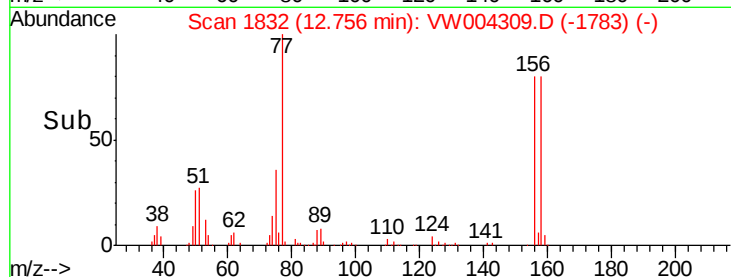
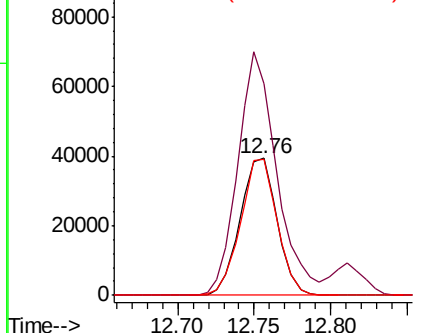
7/30/2018 10:32:25 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.72 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW004309.D

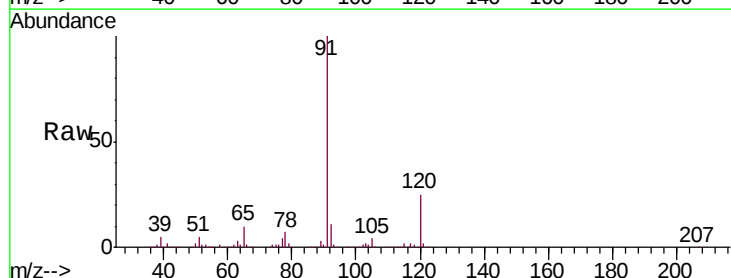
Acq: 29 Jul 2018 12:38

Tgt Ion: 91 Resp: 336932

Ion Ratio Lower Upper

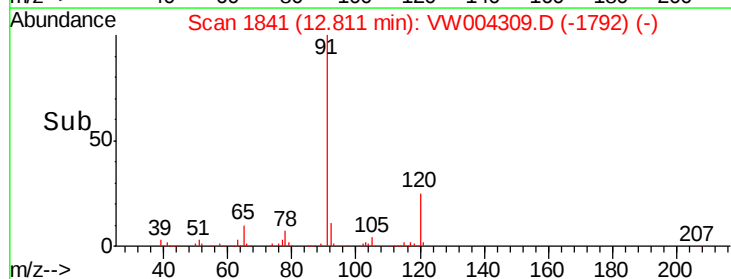
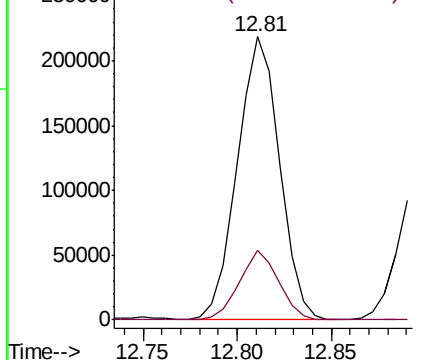
91 100

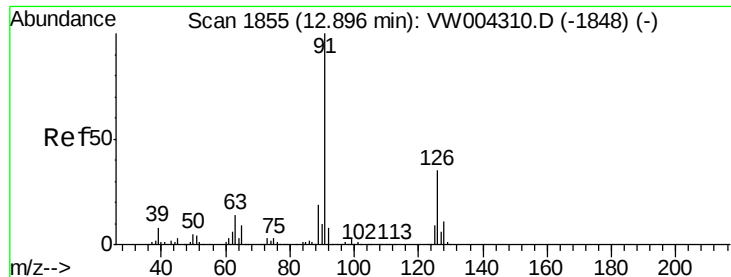
120 23.1 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.48 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

Tot Ion: 91 Resp: 190400

Ion Ratio Lower Upper

91 100

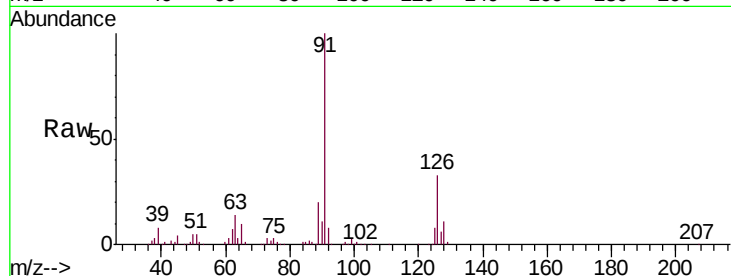
126 34.2 17.1 51.2

Manual Integrations

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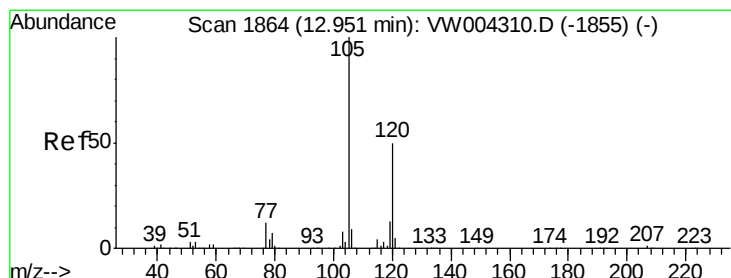
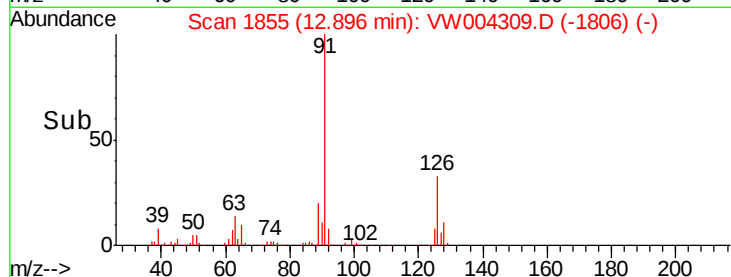
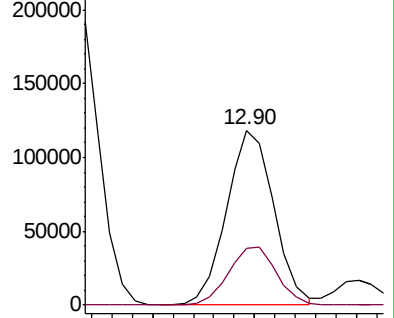
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.81 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004309.D

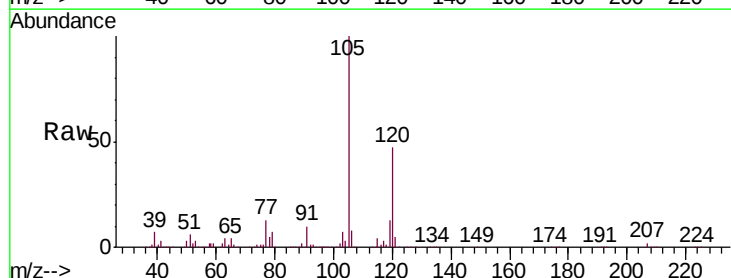
Acq: 29 Jul 2018 12:38

Tgt Ion:105 Resp: 239444

Ion Ratio Lower Upper

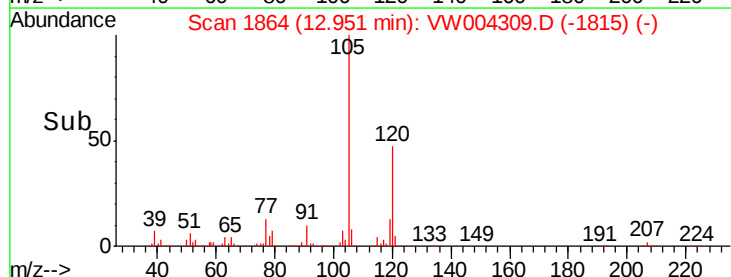
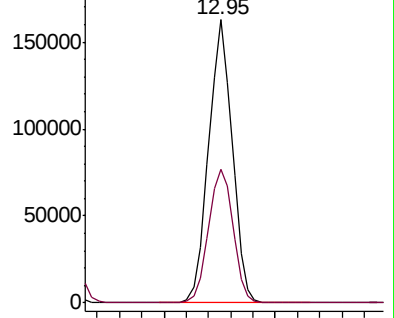
105 100

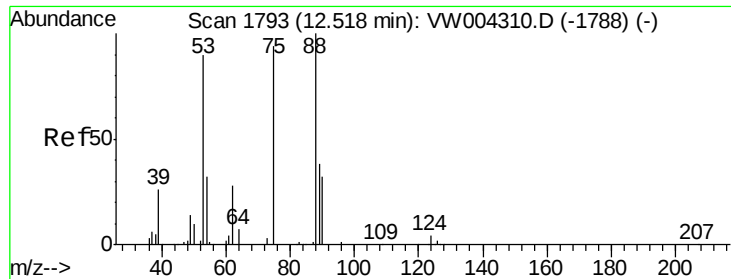
120 49.2 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





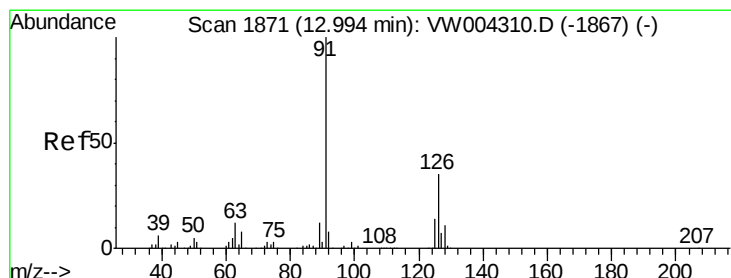
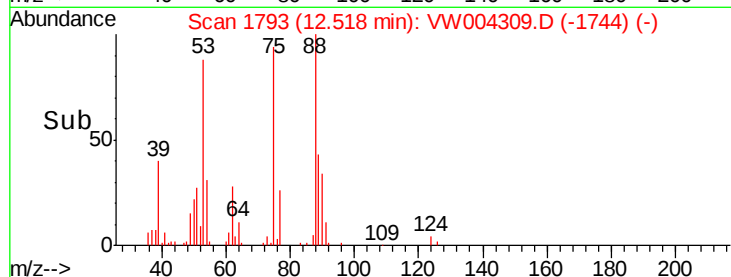
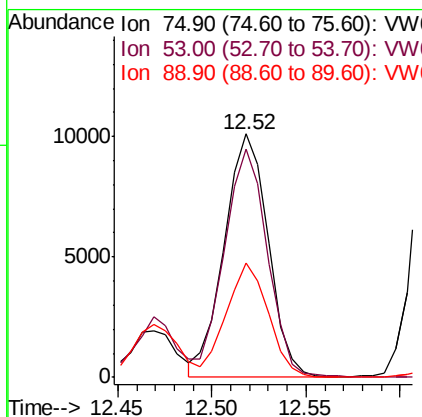
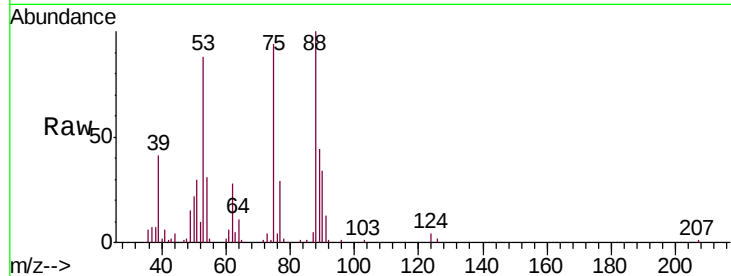
#81
trans-1,4-Dichloro-2-butene
Concen: 20.68 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.3	77.6	116.4
89	44.8	36.0	54.0

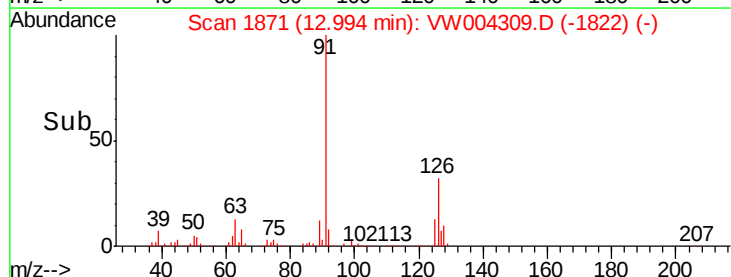
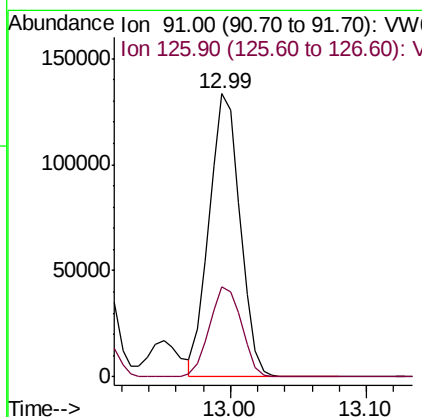
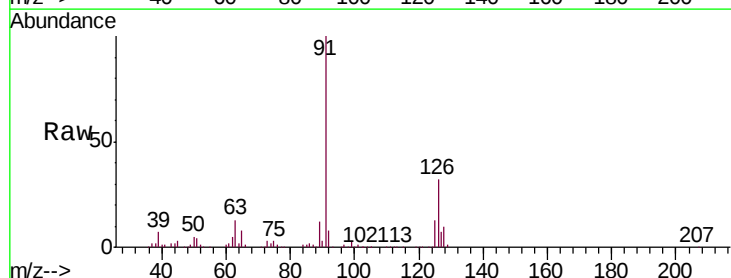
Manual Integrations
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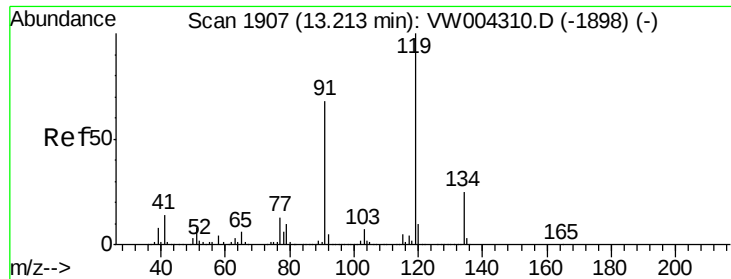
apatel
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#82
4-Chlorotoluene
Concen: 20.26 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	17.4	52.3





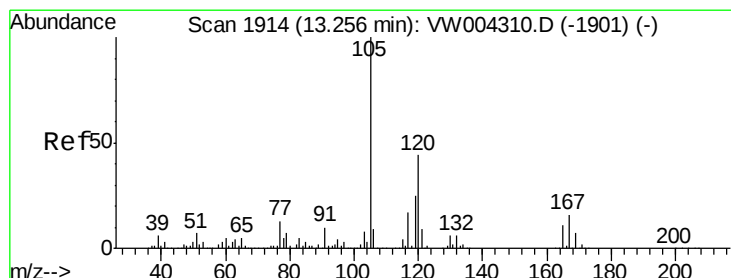
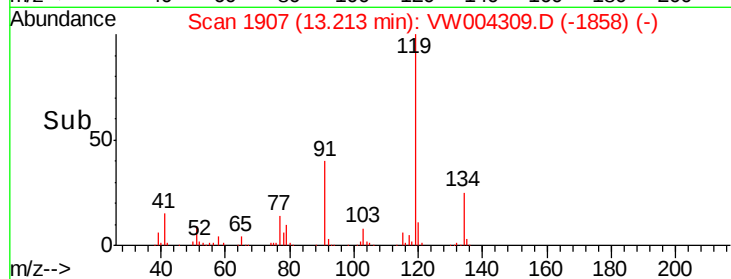
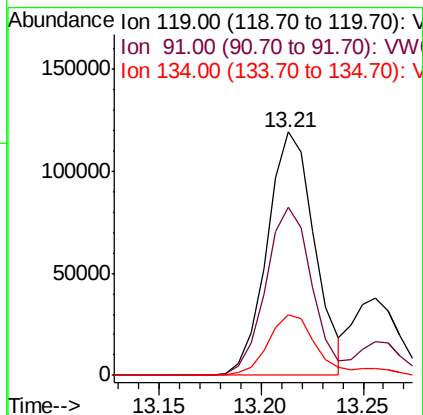
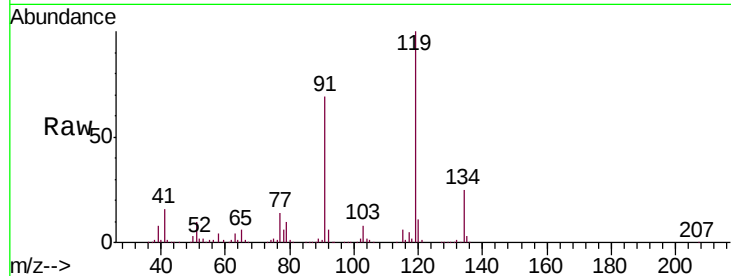
#83
tert-Butylbenzene
Concen: 19.24 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	193660		
91	68.6		32.8	98.3
134	26.8		12.2	36.6

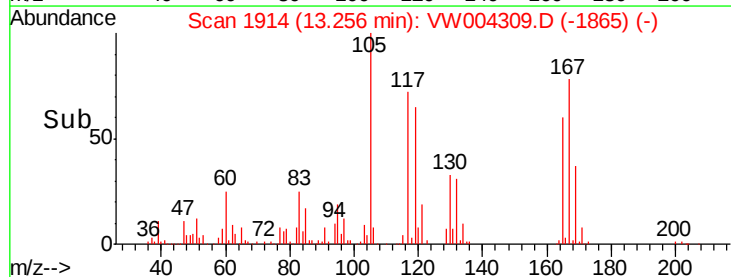
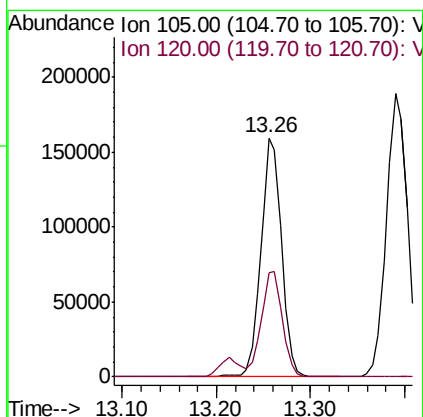
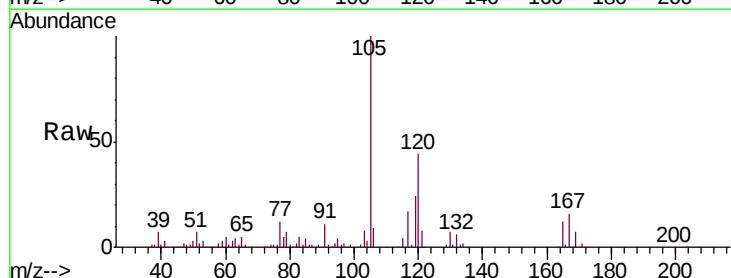
Manual Integrations
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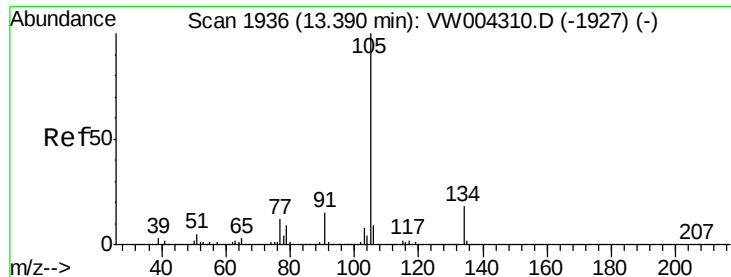
apatel
7/30/2018 10:32:25 AM



#84
1,2,4-Trimethylbenzene
Concen: 20.05 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	247109		
120	44.9		22.7	68.0





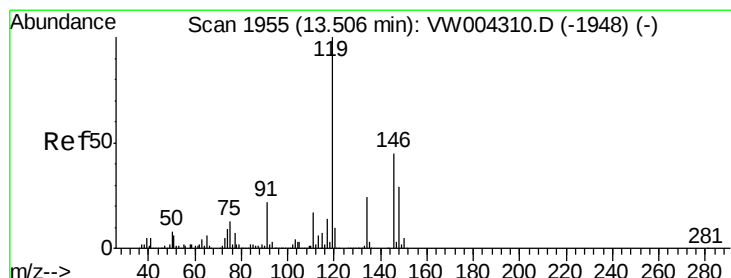
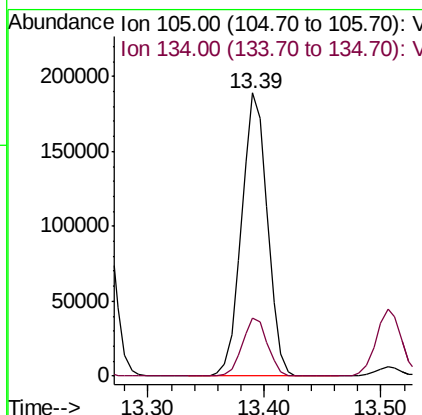
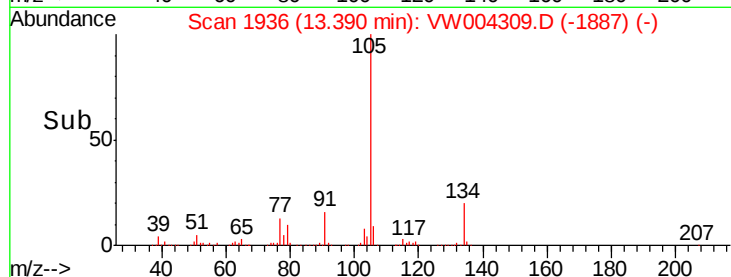
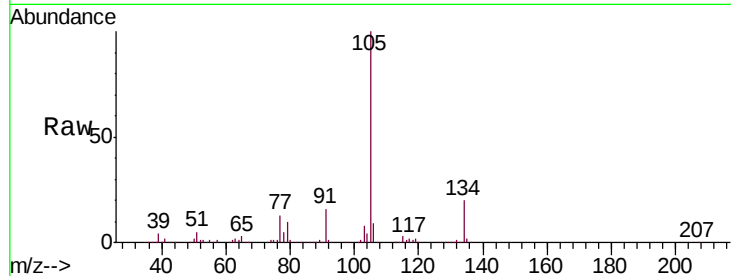
#85
 sec-Butylbenzene
 Concen: 19.92 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
105	100	292977		
134	20.1	9.6	28.8	

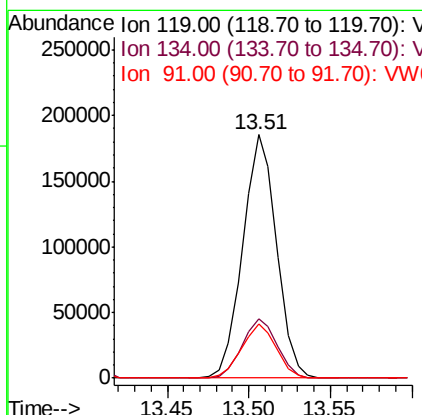
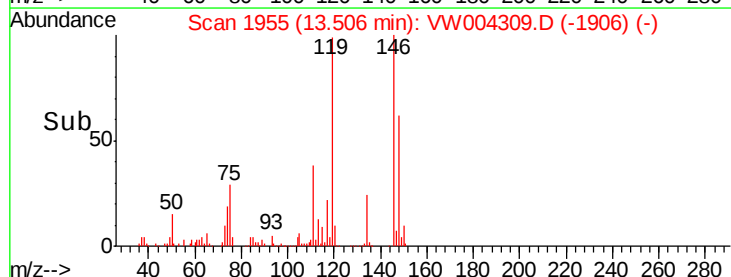
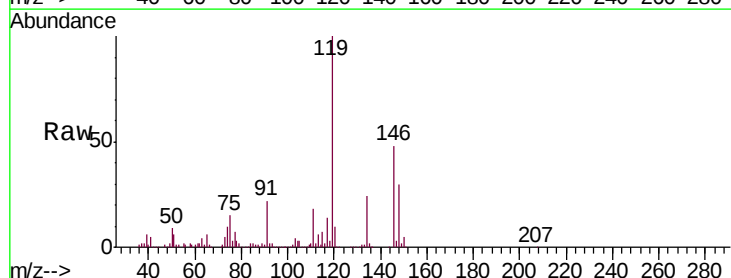
Manual Integrations
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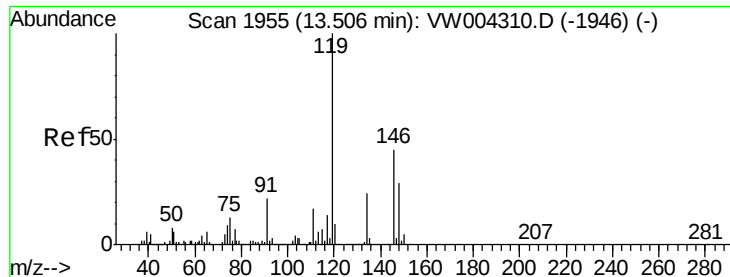
apatel
 7/30/2018 10:32:25 AM



#86
 p-Isopropyltoluene
 Concen: 20.24 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	267316		
134	25.3	12.6	37.8	
91	22.7	11.3	33.9	





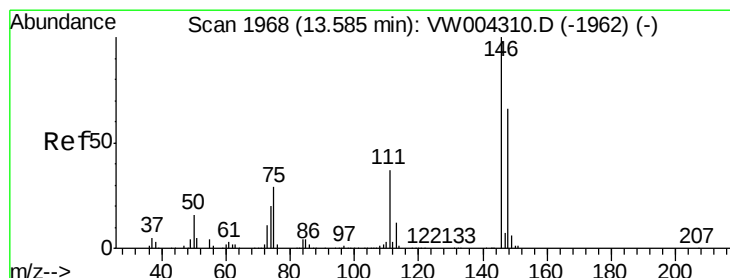
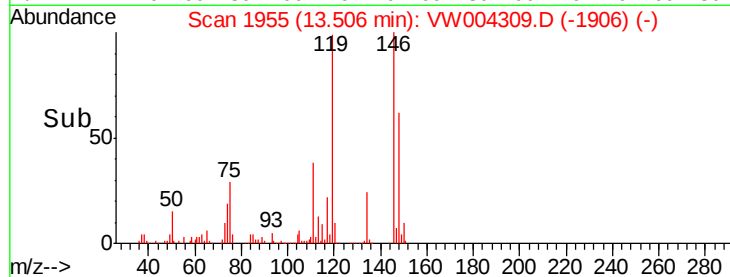
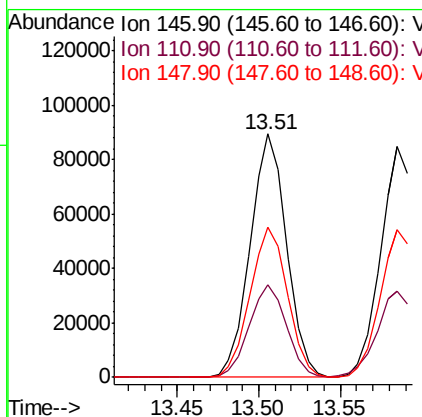
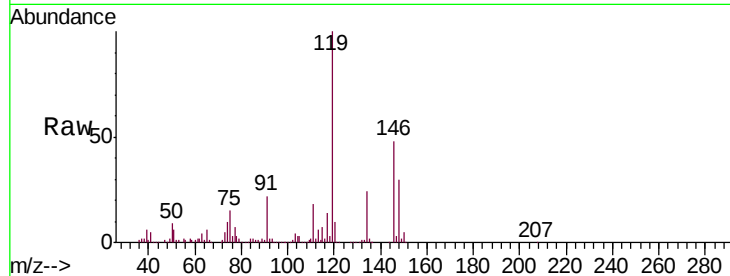
#87
 1,3-Dichlorobenzene
 Concen: 20.43 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.9	59.6
148	63.4	31.9	95.5

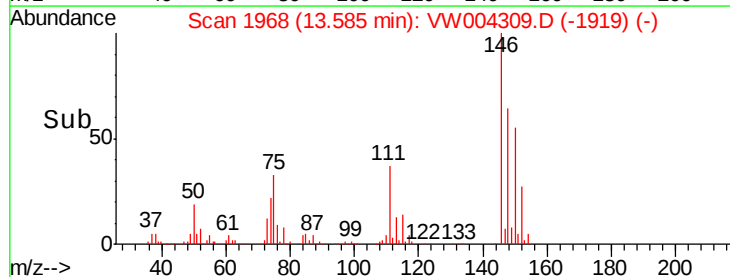
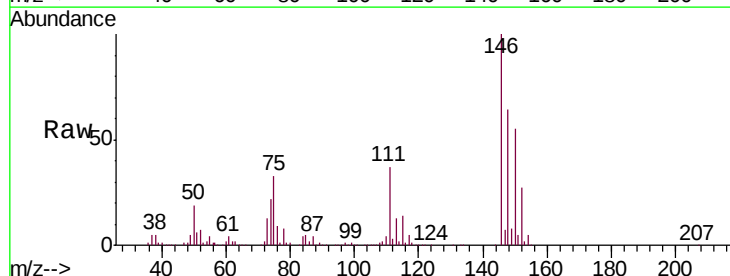
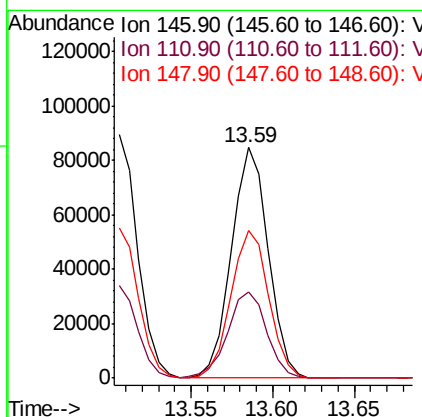
Manual Integrations
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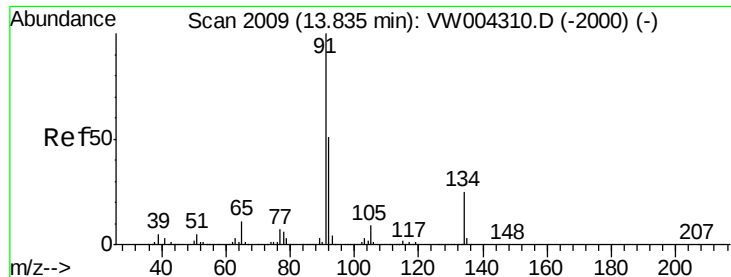
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 19.68 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.4	58.1
148	65.6	32.8	98.3





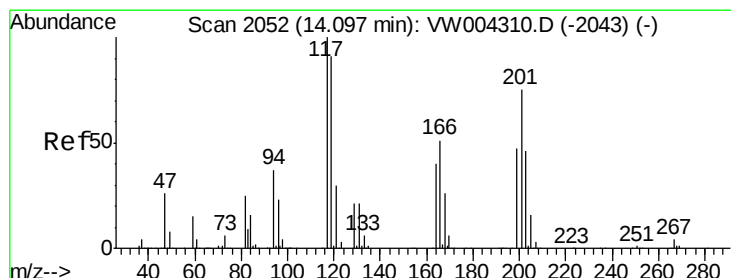
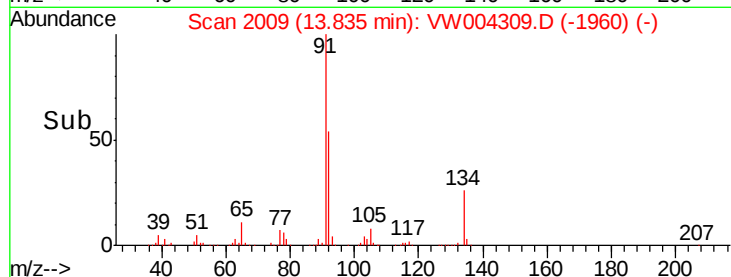
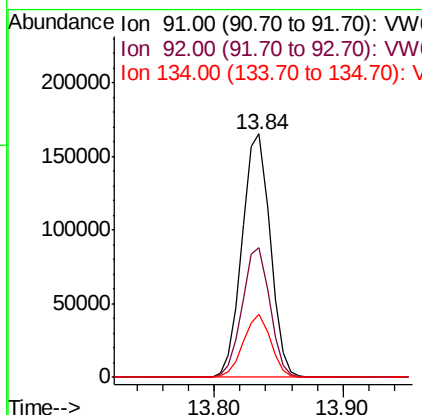
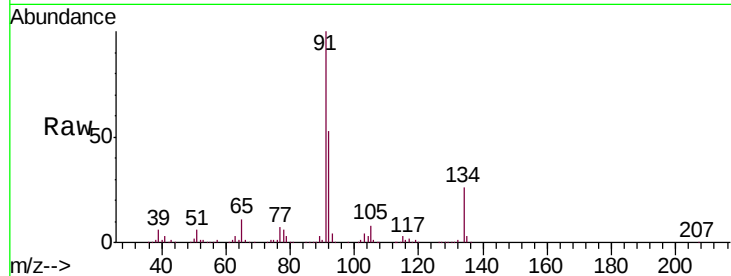
#89
n-Butylbenzene
Concen: 20.23 ug/l
RT: 13.84 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.4	79.2
134	25.2	12.9	38.6

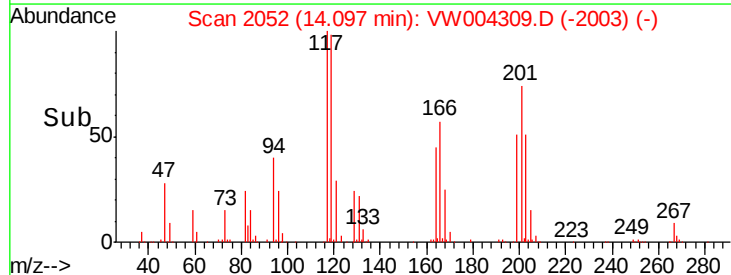
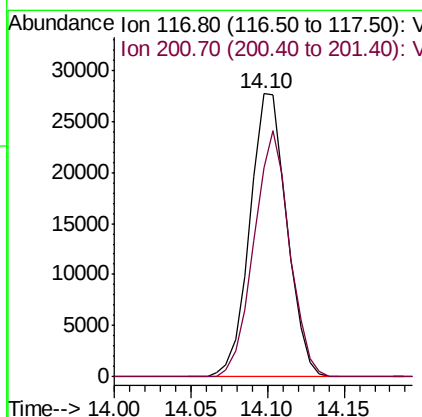
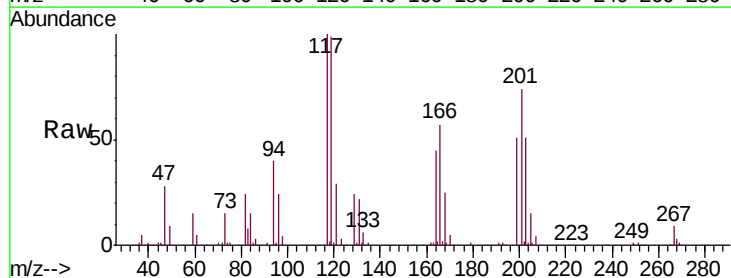
Manual Integrations
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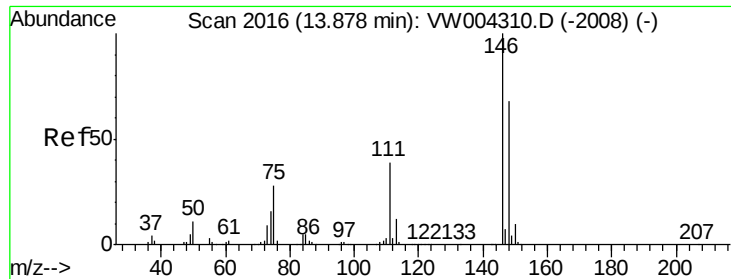
apatel
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#90
Hexachloroethane
Concen: 19.82 ug/l
RT: 14.10 min Scan# 2052
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.8	41.5	124.5





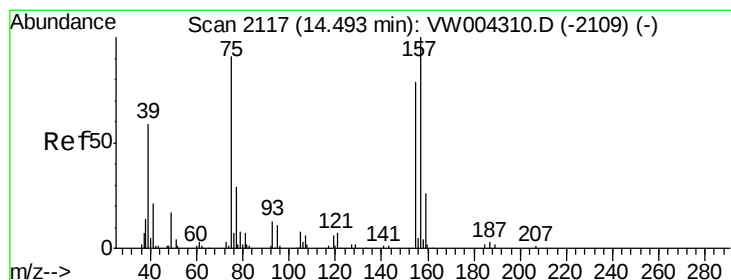
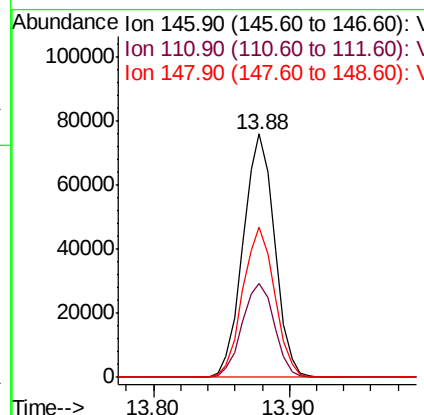
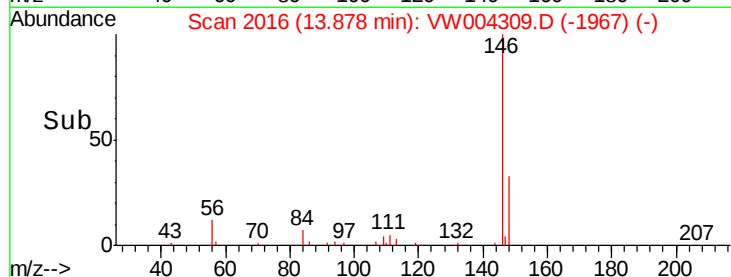
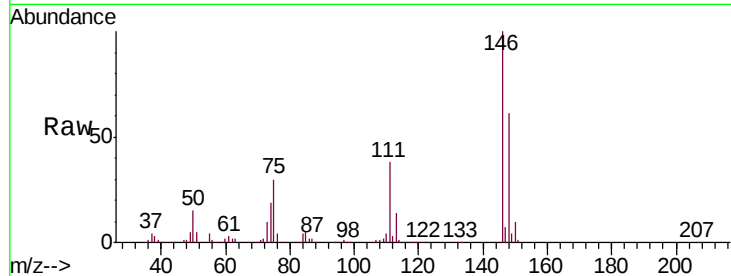
#91
 1,2-Dichlorobenzene
 Concen: 20.21 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.7	59.1
148	62.6	32.0	96.0

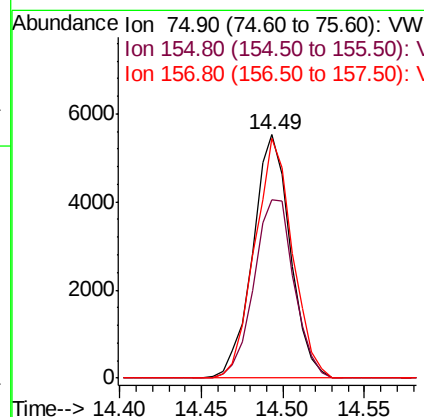
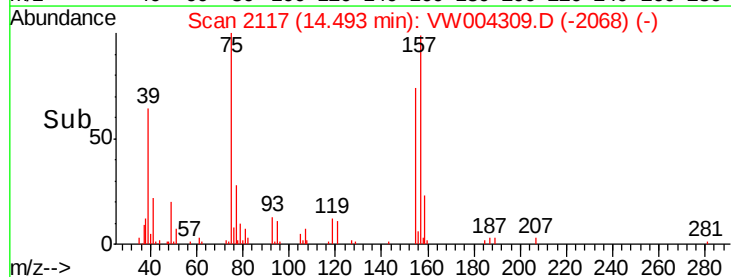
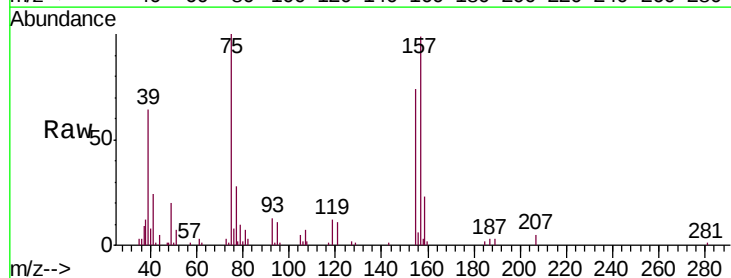
Manual Integrations
 APPROVED

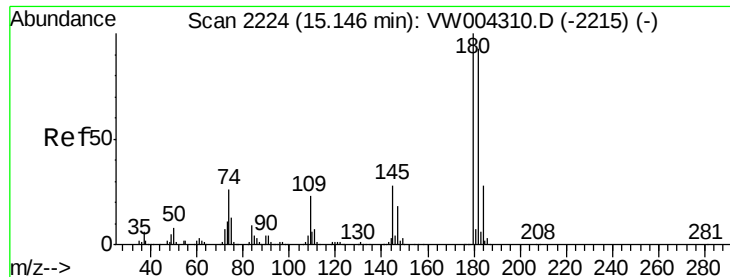
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.66 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.3	41.4	124.4
157	98.8	55.2	165.6





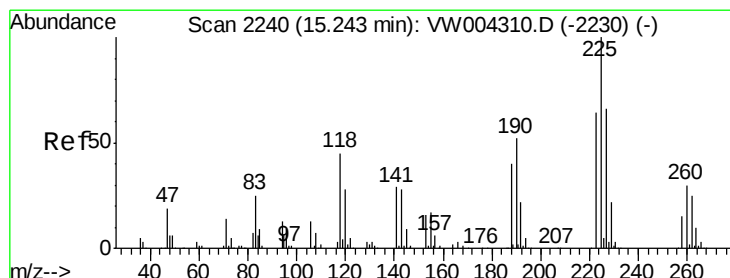
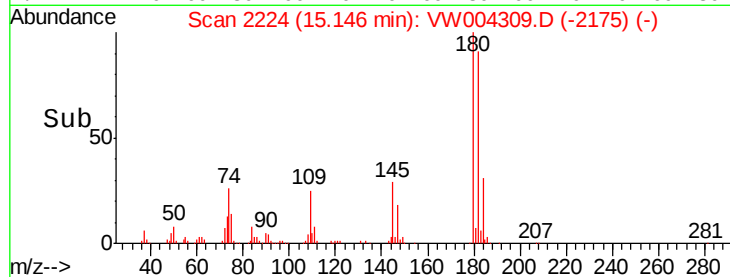
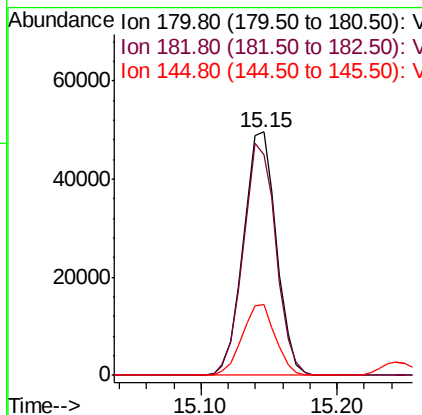
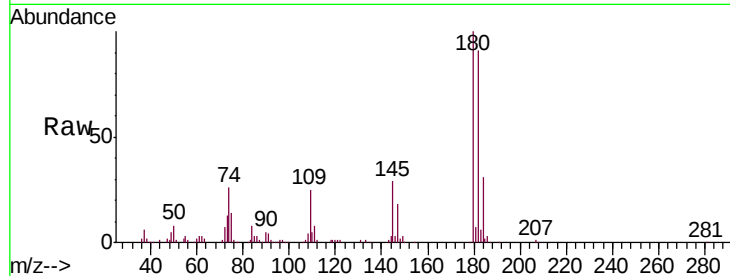
#93
 1,2,4-Trichlorobenzene
 Concen: 19.73 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.3	141.8
145	29.4	14.8	44.4

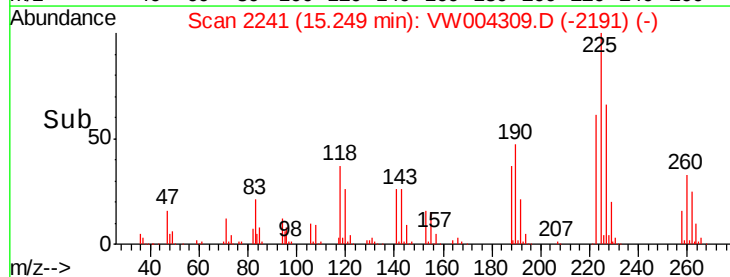
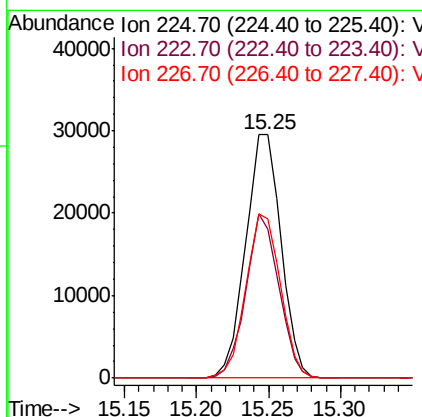
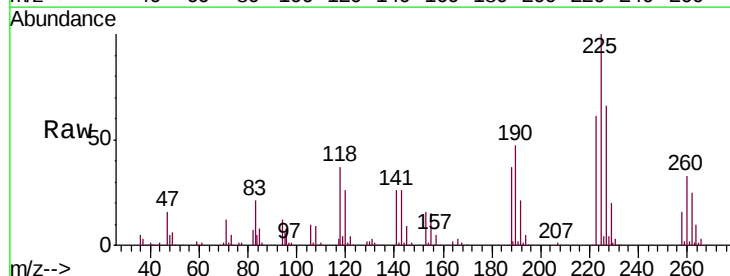
Manual Integrations
 APPROVED

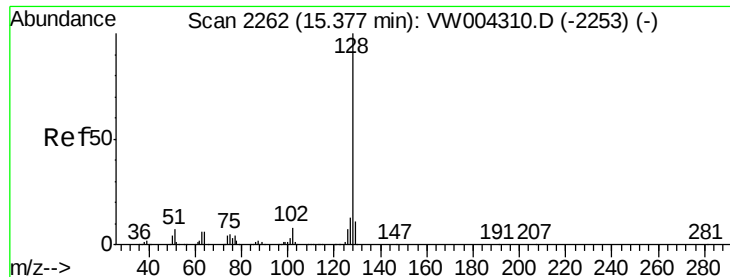
apatel
 7/30/2018 10:32:25 AM



#94
 Hexachlorobutadiene
 Concen: 19.32 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.01 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.0	93.0
227	65.6	32.6	97.7





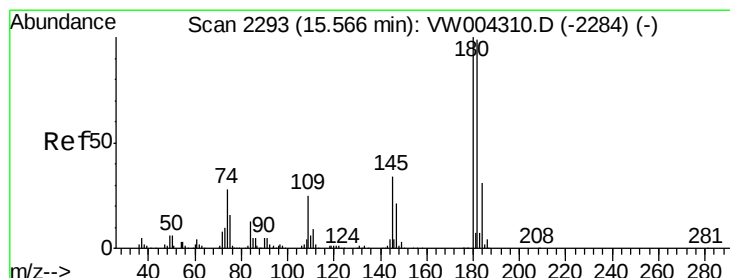
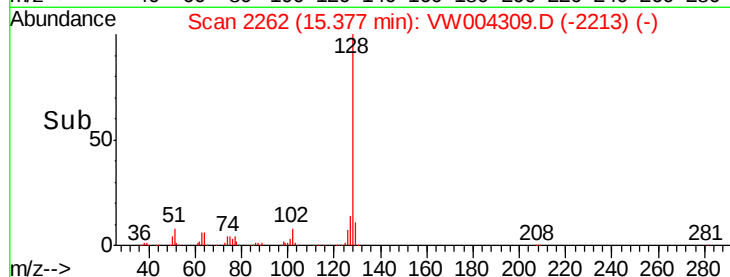
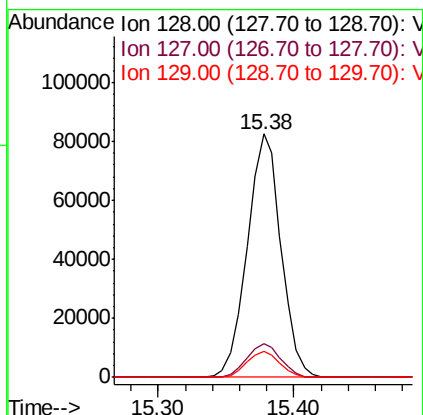
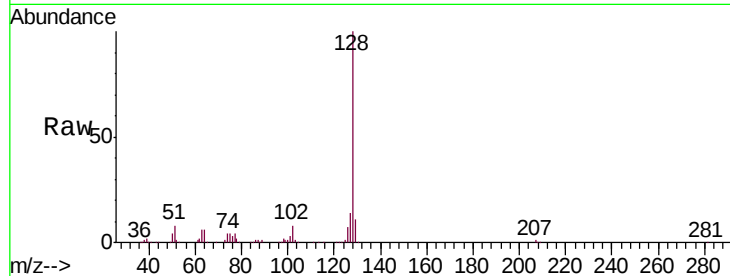
#95
Naphthalene
Concen: 19.46 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.4	15.6
129	10.6	8.6	13.0

Manual Integrations
APPROVED

apatel
7/30/2018 10:32:25 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.68 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	48.0	144.0
145	32.2	16.2	48.5

