

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004310.D
 Acq On : 29 Jul 2018 13:04
 Operator : SY/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

apatel
 7/30/2018 10:32:29 AM

Quant Time: Jul 30 01:47:12 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	272913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	414151	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	370843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	199986	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	145703	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	
35) Dibromofluoromethane	7.88	113	136838	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	
50) Toluene-d8	10.33	98	551024	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	
62) 4-Bromofluorobenzene	12.62	95	189468	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	46744	48.33	ug/l	100
3) Chloromethane	2.21	50	57767	37.74	ug/l	100
4) Vinyl Chloride	2.36	62	115140	43.71	ug/l	100
5) Bromomethane	2.78	94	78264	44.97	ug/l	100
6) Chloroethane	2.92	64	74165	44.85	ug/l	100
7) Trichlorofluoromethane	3.25	101	72369	45.92	ug/l	100
8) Diethyl Ether	3.67	74	55802	40.40	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	133441	48.82	ug/l	100
10) Methyl Iodide	4.26	142	205132	50.17	ug/l	100
11) Tert butyl alcohol	5.17	59	43763	216.68	ug/l	100
12) 1,1-Dichloroethene	4.03	96	134999	49.43	ug/l	100
13) Acrolein	3.89	56	44177	246.77	ug/l	100
14) Allyl chloride	4.67	41	232002	52.83	ug/l	100
15) Acrylonitrile	5.37	53	158093	254.90	ug/l	100
16) Acetone	4.12	43	169172	268.17	ug/l	100
17) Carbon Disulfide	4.37	76	439977	52.10	ug/l	100
18) Methyl Acetate	4.67	43	79082	48.73	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	249387	51.28	ug/l	100
20) Methylene Chloride	4.91	84	139524	47.52	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	145124	49.82	ug/l	100
22) Diisopropyl ether	6.31	45	446576	54.04	ug/l	100
23) Vinyl Acetate	6.26	43	1308252	272.87	ug/l	100
24) 1,1-Dichloroethane	6.21	63	263870	49.58	ug/l	100
25) 2-Butanone	7.18	43	209899	274.53	ug/l	100
26) 2,2-Dichloropropane	7.17	77	155947	50.51	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	153106	51.65	ug/l	100
28) Bromochloromethane	7.51	49	93127	49.93	ug/l	100
29) Tetrahydrofuran	7.53	42	133577	273.02	ug/l	100
30) Chloroform	7.68	83	260936	51.33	ug/l	100
31) Cyclohexane	7.95	56	244285	51.98	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	211891	50.75	ug/l	100
36) 1,1-Dichloropropene	8.09	75	214230	51.71	ug/l	100
37) Ethyl Acetate	7.26	43	91850	54.10	ug/l	100
38) Carbon Tetrachloride	8.07	117	201646	49.29	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	260830	52.24	ug/l	100
40) Benzene	8.32	78	603004	51.74	ug/l	100
41) Methacrylonitrile	7.49	41	55831	56.95	ug/l	100
42) 1,2-Dichloroethane	8.40	62	169085	50.74	ug/l	100
43) Isopropyl Acetate	8.43	43	168154	54.95	ug/l	100
44) Trichloroethene	9.09	130	156583	49.76	ug/l	100
45) 1,2-Dichloropropane	9.37	63	151326	52.32	ug/l	100
46) Dibromomethane	9.46	93	75339	51.01	ug/l	100
47) Bromodichloromethane	9.65	83	191832	51.21	ug/l	100
48) Methyl methacrylate	9.44	41	84379	54.14	ug/l	100
49) 1,4-Dioxane	9.45	88	22973	1026.11	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	456069	271.58	ug/l	100
52) Toluene	10.39	92	374237	51.14	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	196432	52.36	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	230136	52.62	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	108146	51.39	ug/l	100
56) Ethyl methacrylate	10.65	69	138753	54.49	ug/l	100
57) 1,3-Dichloropropane	10.93	76	185898	51.85	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	291065	257.32	ug/l	100
59) 2-Hexanone	10.98	43	315847	273.91	ug/l	100
60) Dibromochloromethane	11.13	129	125446	49.82	ug/l	100
61) 1,2-Dibromoethane	11.24	107	101829	50.75	ug/l	100
64) Tetrachloroethene	10.87	164	134047	49.34	ug/l	100
65) Chlorobenzene	11.66	112	400008	51.36	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	136182	49.57	ug/l	100
67) Ethyl Benzene	11.74	91	697333	51.36	ug/l	100
68) m/p-Xylenes	11.85	106	544674	104.26	ug/l	100
69) o-Xylene	12.17	106	255716	52.97	ug/l	100
70) Styrene	12.19	104	428342	52.52	ug/l	100
71) Bromoform	12.35	173	76638	49.78	ug/l #	100
73) Isopropylbenzene	12.47	105	704530	50.81	ug/l	100
74) N-amyl acetate	12.28	43	157379	52.38	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	124380	51.20	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	102441m	33.61	ug/l	
77) Bromobenzene	12.76	156	169084	50.46	ug/l	100
78) n-propylbenzene	12.81	91	888120	52.57	ug/l	100
79) 2-Chlorotoluene	12.90	91	497903	51.53	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	610394	51.10	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	40588	51.74	ug/l	100
82) 4-Chlorotoluene	12.99	91	511898	50.07	ug/l	100
83) tert-Butylbenzene	13.21	119	520183	52.27	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	622598	51.10	ug/l	100
85) sec-Butylbenzene	13.39	105	769251	52.92	ug/l	100
86) p-Isopropyltoluene	13.51	119	687280	52.64	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	334729	49.91	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	328828	49.15	ug/l	100
89) n-Butylbenzene	13.84	91	638655	52.38	ug/l	100
90) Hexachloroethane	14.10	117	117819	50.60	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	299974	49.97	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20472	48.28	ug/l	100

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	211155	50.10	ug/l	100
94) Hexachlorobutadiene	15.24	225	125243	48.63	ug/l	100
95) Naphthalene	15.38	128	373658	51.53	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	182754	49.55	ug/l	100

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

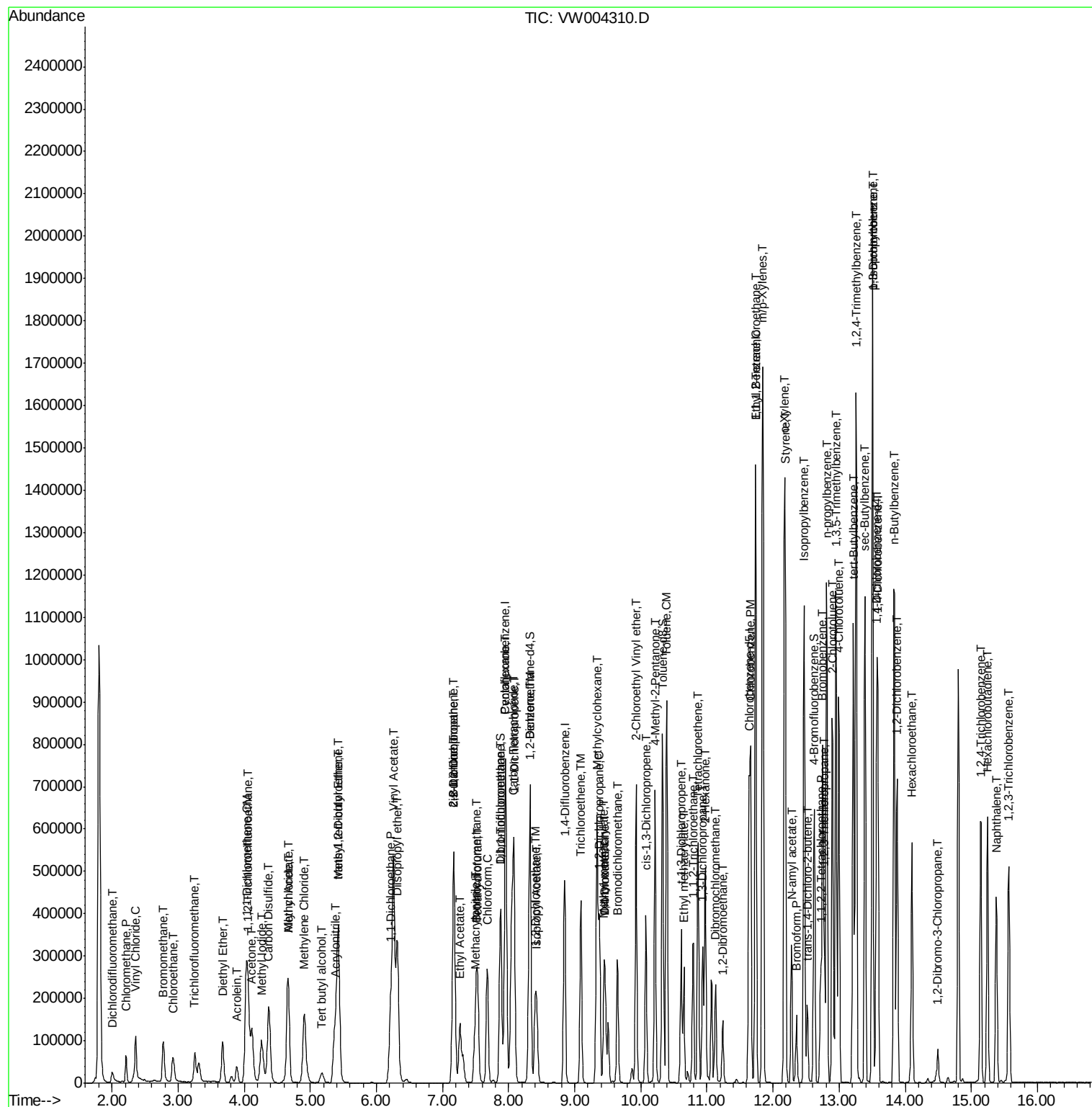
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW073018\
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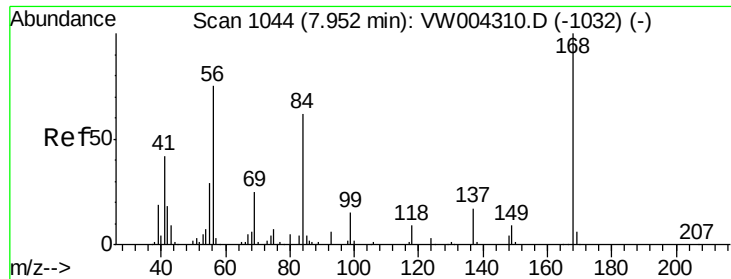
Instrument :
MSVOA_W
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 272913

Ion Ratio Lower Upper

168 100

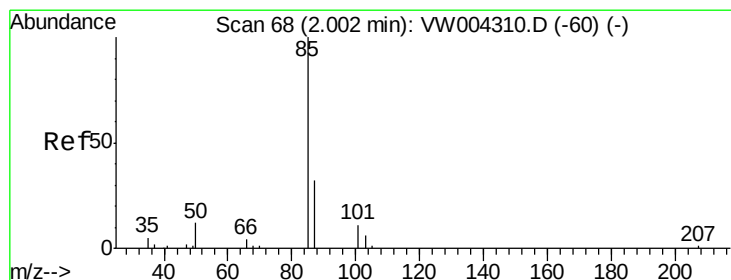
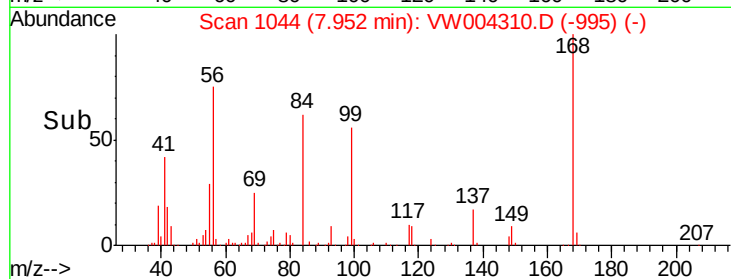
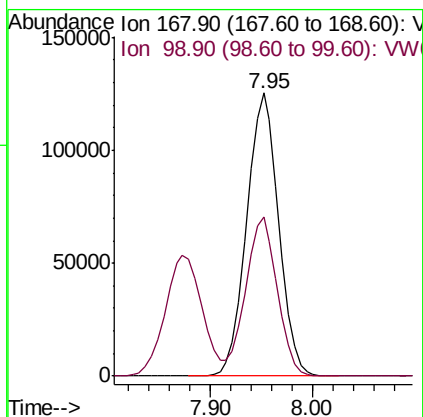
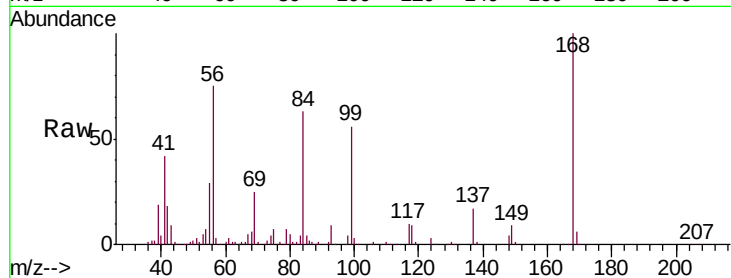
99 56.2 45.0 67.4

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 48.33 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW004310.D

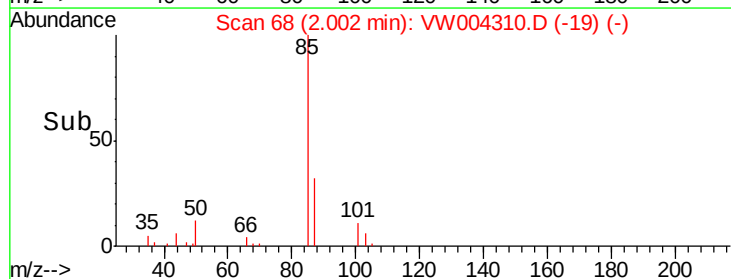
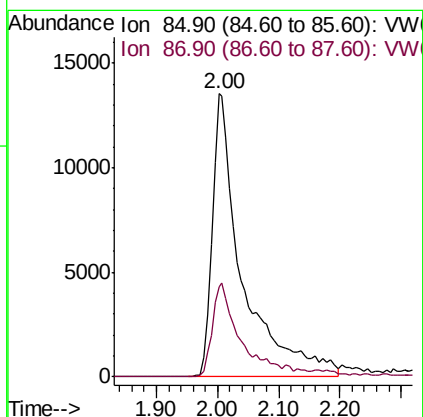
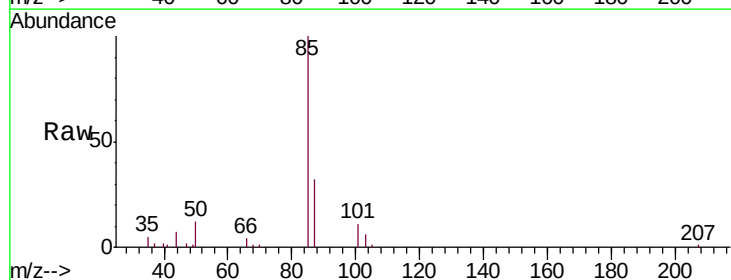
Acq: 29 Jul 2018 13:04

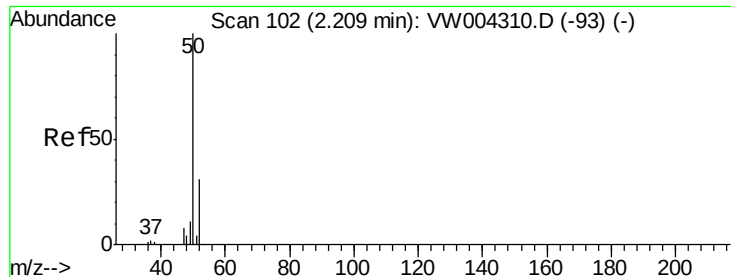
Tgt Ion: 85 Resp: 46744

Ion Ratio Lower Upper

85 100

87 31.8 15.9 47.7





#3

Chloromethane

Concen: 37.74 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 57767

Ion Ratio Lower Upper

50 100

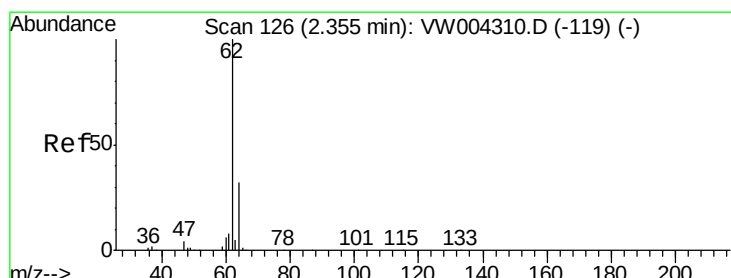
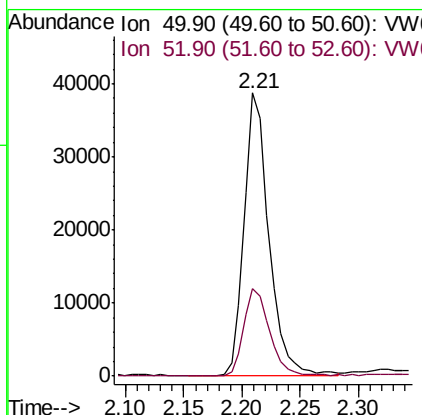
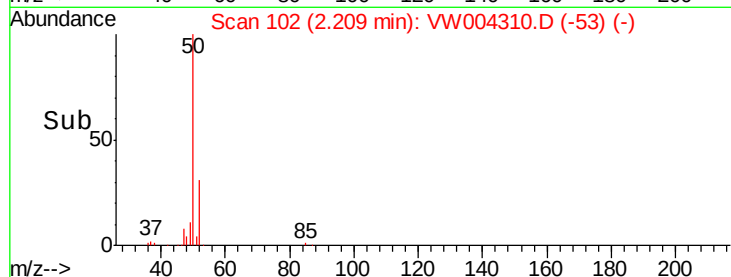
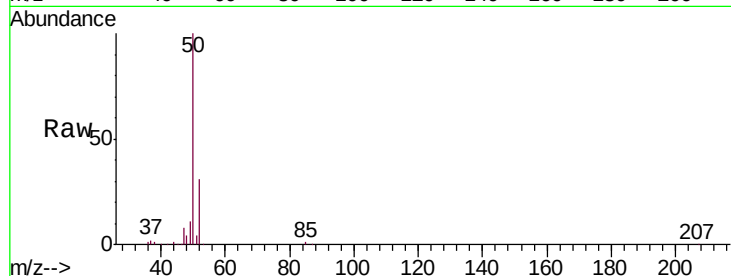
52 31.1 24.8 37.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 43.71 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW004310.D

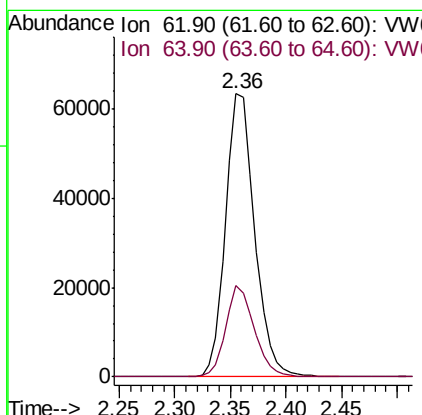
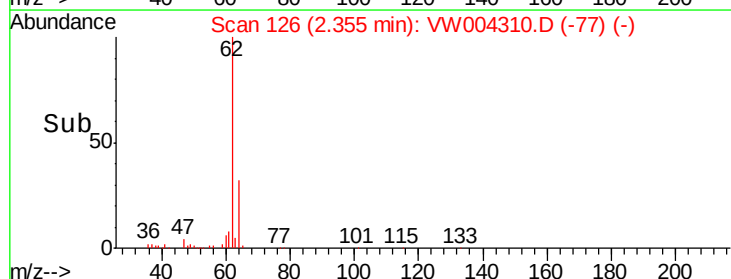
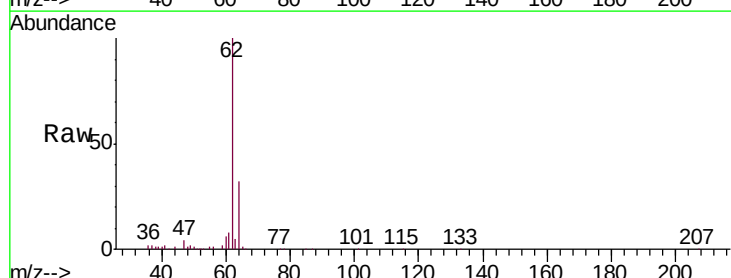
Acq: 29 Jul 2018 13:04

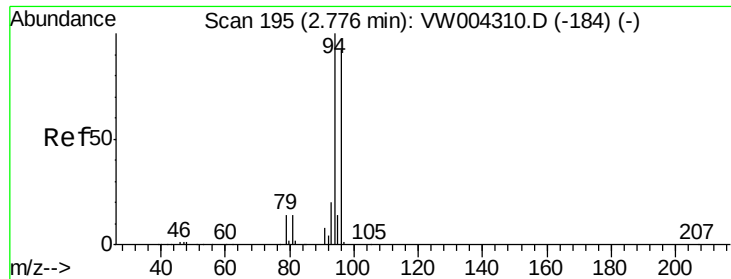
Tgt Ion: 62 Resp: 115140

Ion Ratio Lower Upper

62 100

64 32.4 25.9 38.9





#5

Bromomethane

Concen: 44.97 ug/l

RT: 2.78 min Scan# 195

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 78264

Ion Ratio Lower Upper

94 100

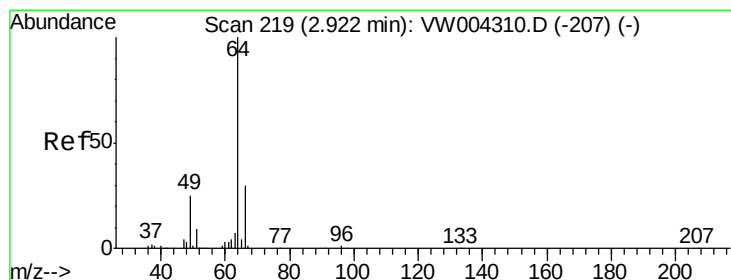
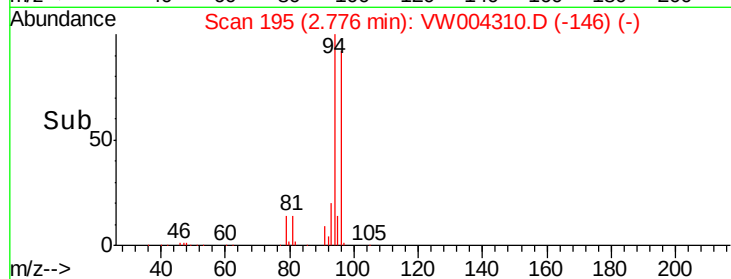
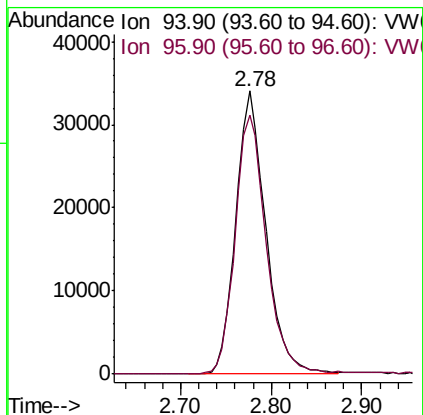
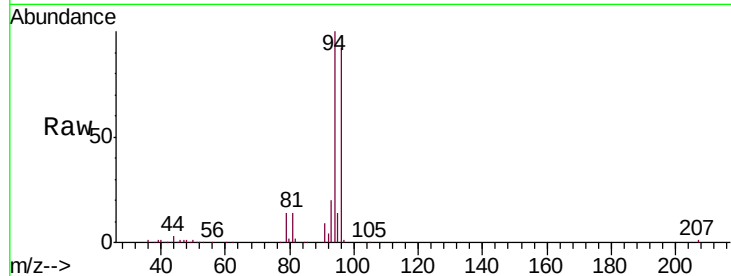
96 91.6 73.3 109.9

Manual Integrations

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#6

Chloroethane

Concen: 44.85 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW004310.D

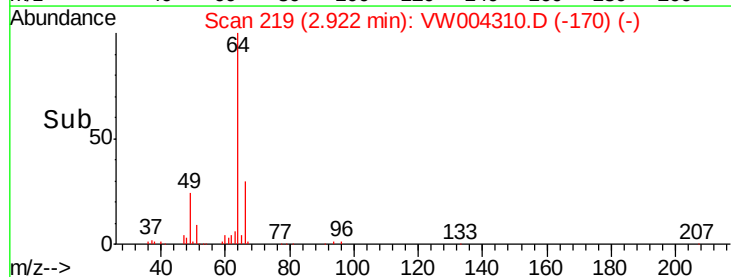
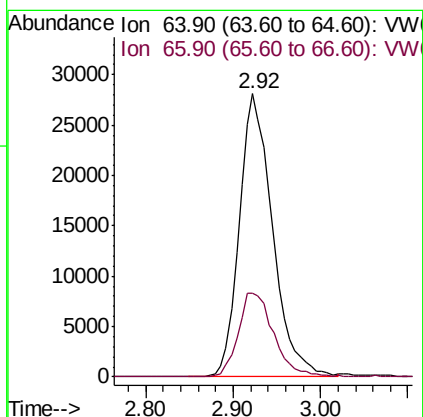
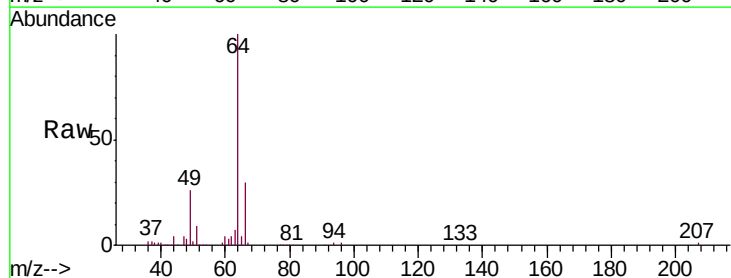
Acq: 29 Jul 2018 13:04

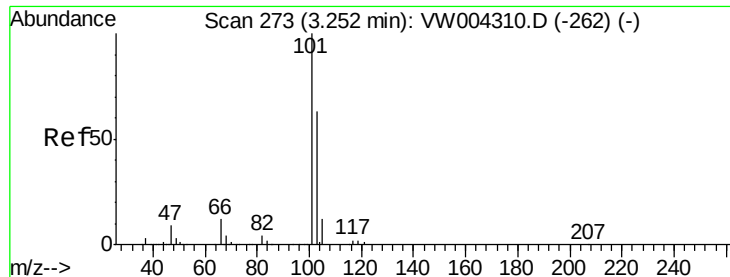
Tgt Ion: 64 Resp: 74165

Ion Ratio Lower Upper

64 100

66 29.6 23.7 35.5





#7

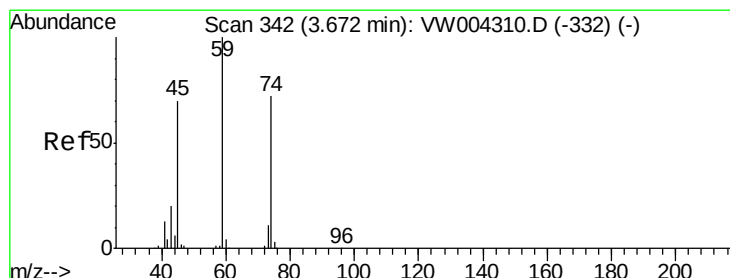
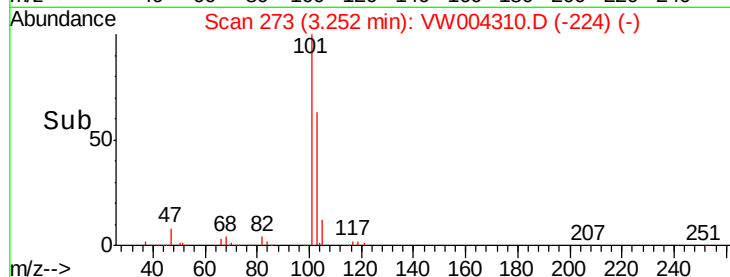
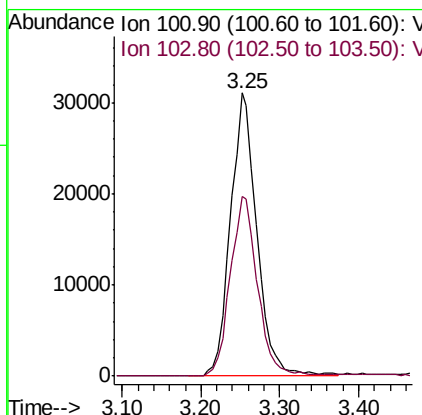
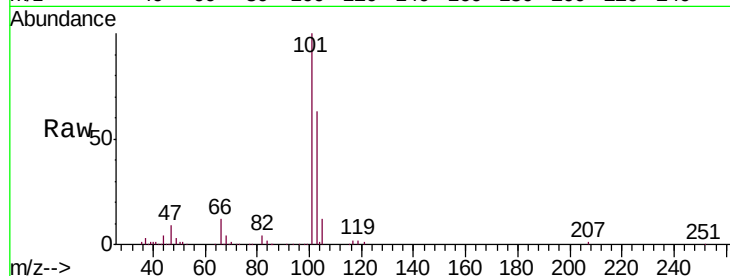
Trichlorofluoromethane
 Concen: 45.92 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.5	50.8	76.2

Manual Integrations
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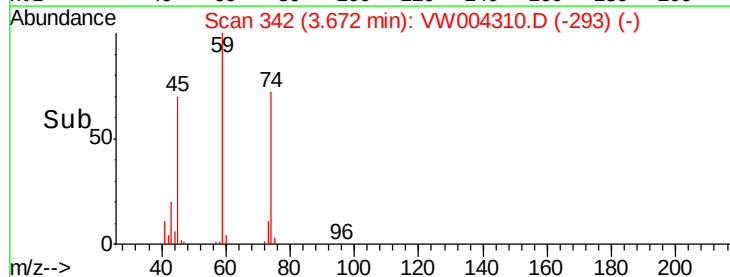
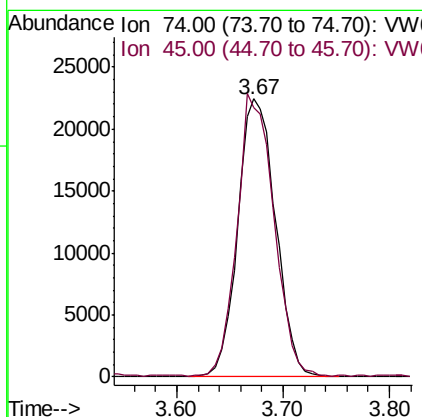
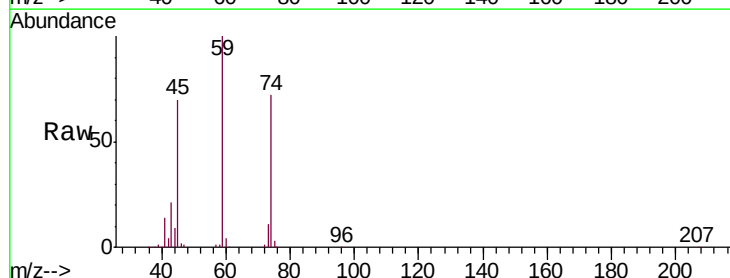
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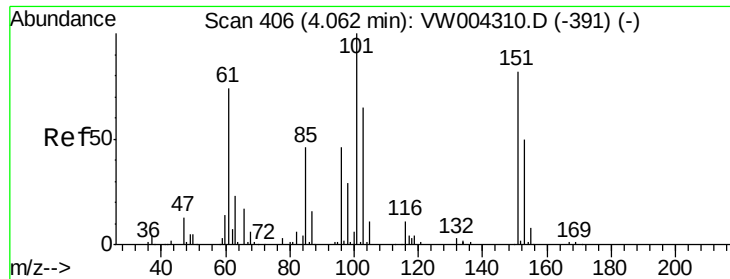


#8

Diethyl Ether
 Concen: 40.40 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.7	49.4	148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.82 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Instrument :

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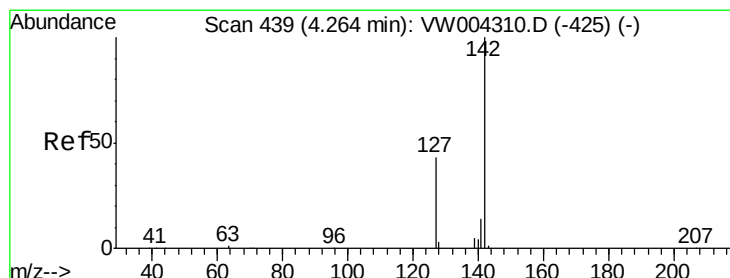
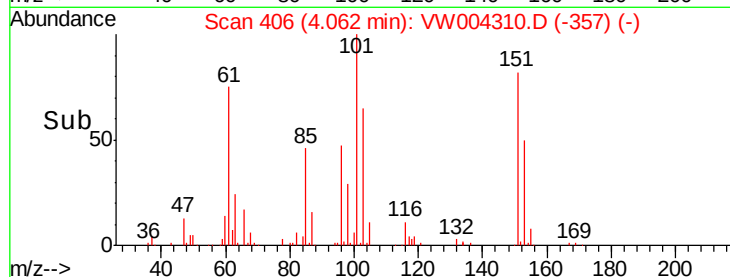
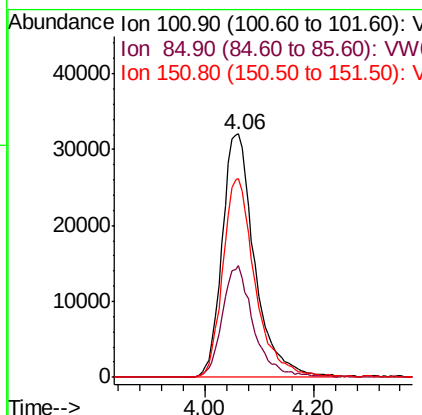
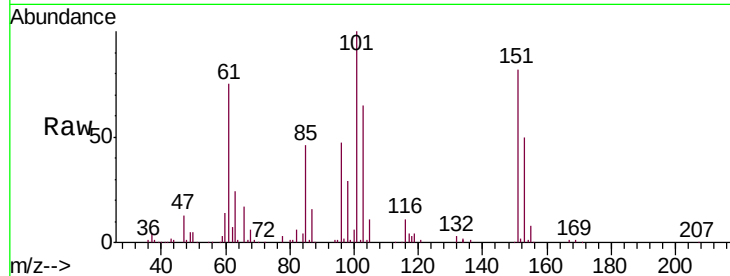
ClientSampled :

VSTDICCC050

Tot Ion:	101	Resp:	133441
Ion Ratio	Lower	Upper	
101	100		
85	44.4	35.5	53.3
151	80.8	64.6	97.0

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#10

Methyl Iodide

Concen: 50.17 ug/l

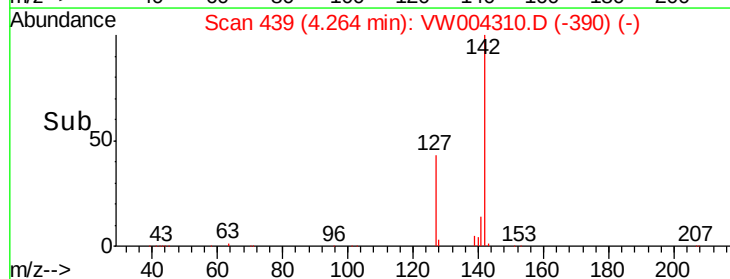
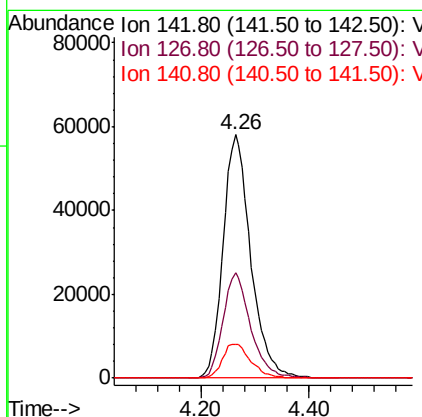
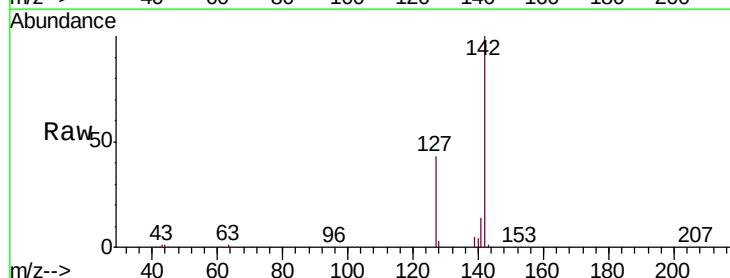
RT: 4.26 min Scan# 439

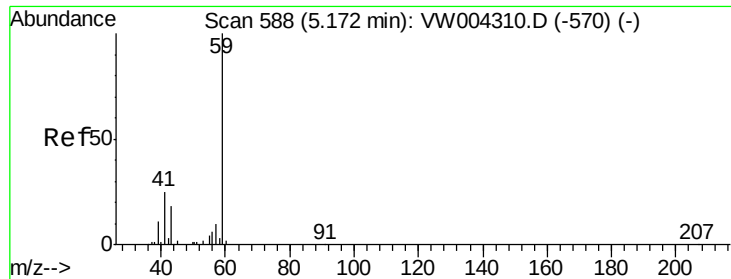
Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Tgt Ion:	142	Resp:	205132
Ion Ratio	Lower	Upper	
142	100		
127	43.3	34.6	52.0
141	14.4	11.5	17.3





#11

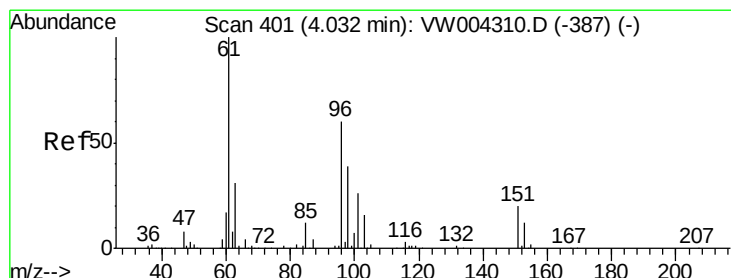
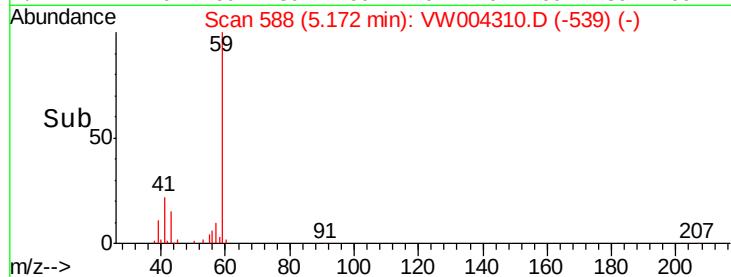
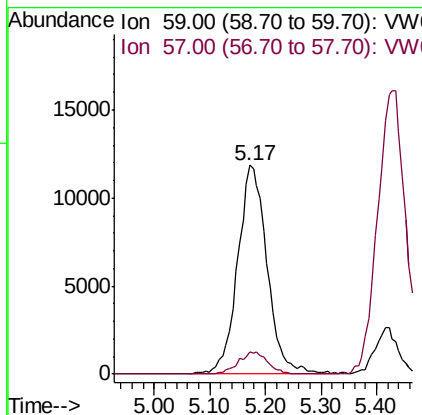
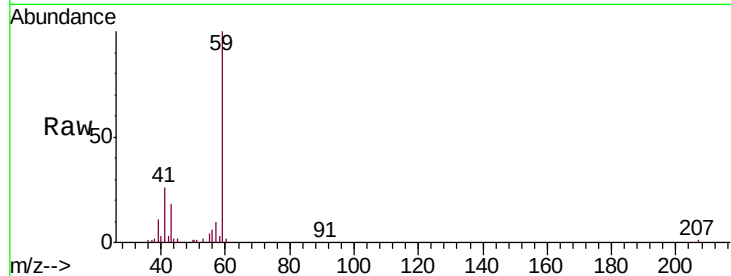
Tert butyl alcohol
 Concen: 216.68 ug/l
 RT: 5.17 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	59	Resp	43763
Ion Ratio	100	Lower	Upper
57	10.5	8.4	12.6

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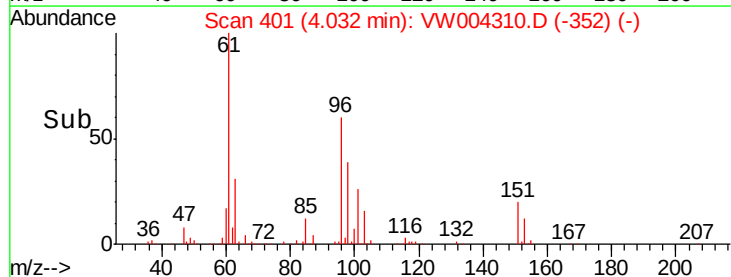
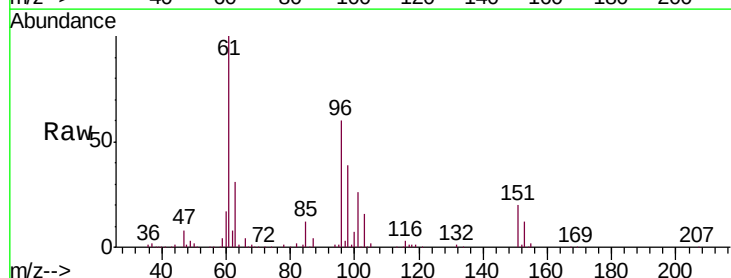
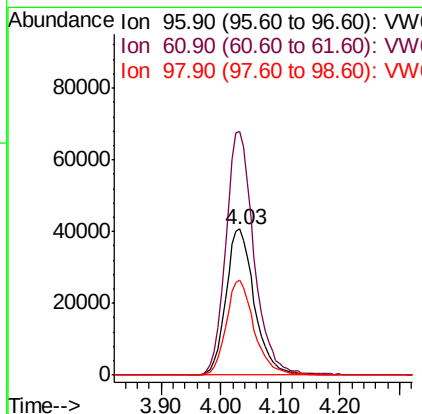
apatel
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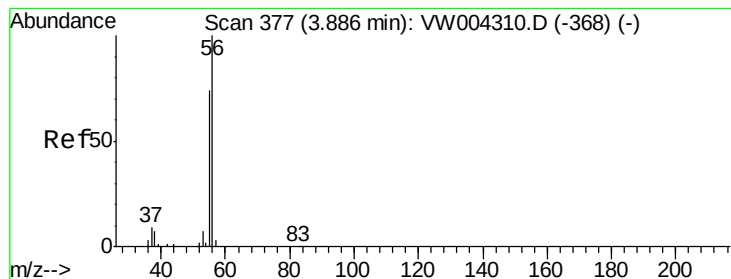


#12

1,1-Dichloroethene
 Concen: 49.43 ug/l
 RT: 4.03 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

Tgt Ion	96	Resp	134999
Ion Ratio	100	Lower	Upper
61	166.7	133.4	200.0
98	64.9	51.9	77.9





#13

Acrolein

Concen: 246.77 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 44177

Ion Ratio Lower Upper

56 100

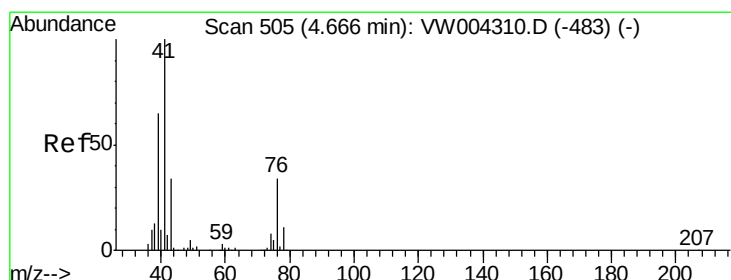
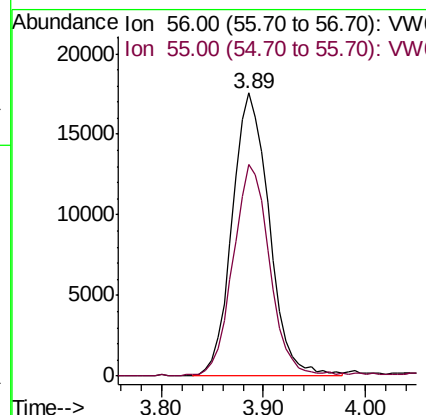
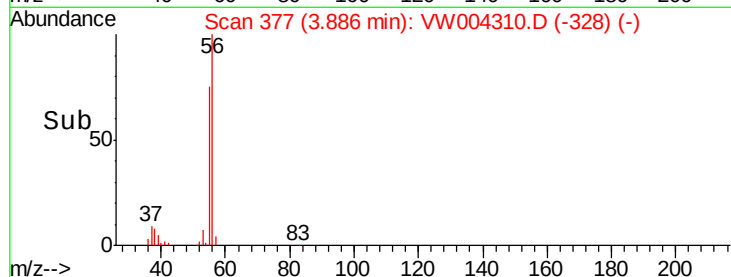
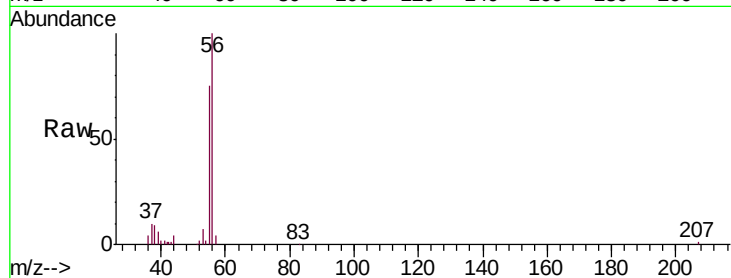
55 74.3 59.4 89.2

Manual Integrations

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#14

Allyl chloride

Concen: 52.83 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

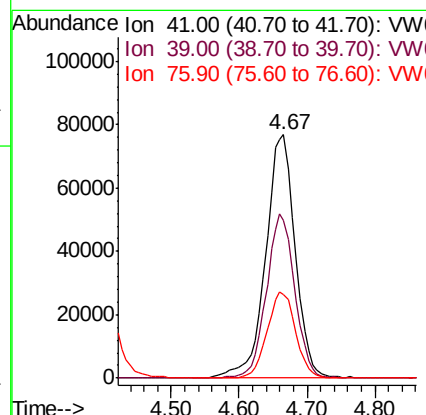
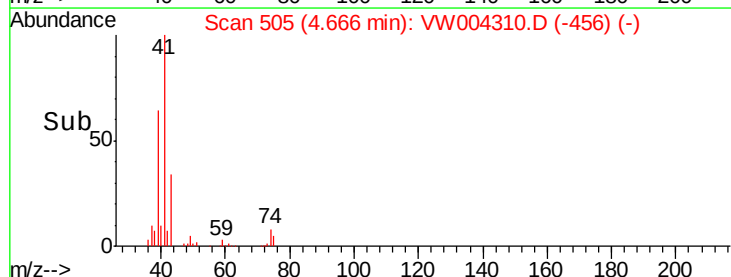
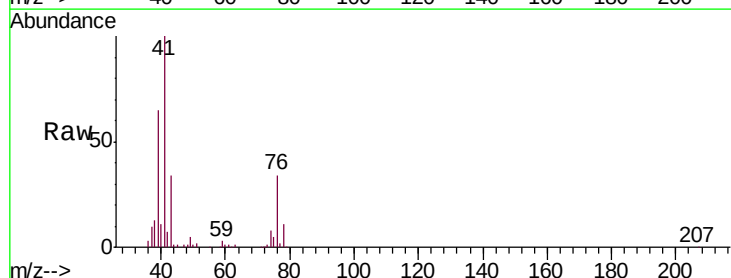
Tgt Ion: 41 Resp: 232002

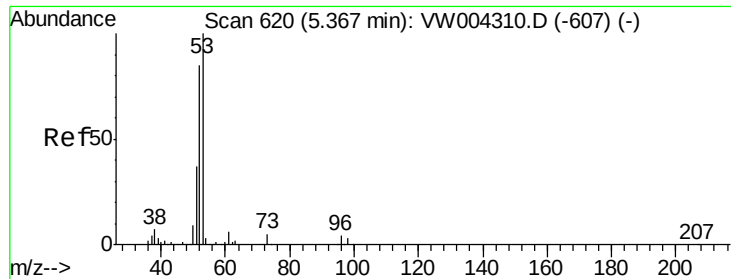
Ion Ratio Lower Upper

41 100

39 65.4 52.3 78.5

76 34.1 27.3 40.9





#15

Acrylonitrile

Concen: 254.90 ug/l

RT: 5.37 min Scan# 620

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Instrument :

MSVOA_W

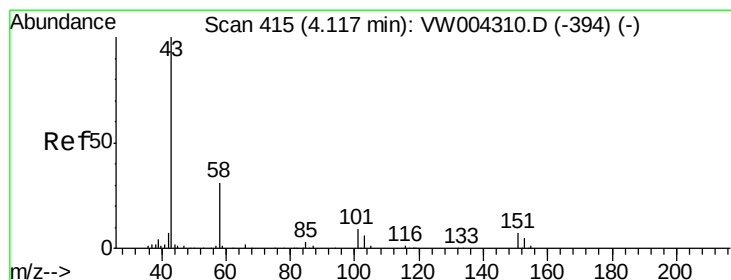
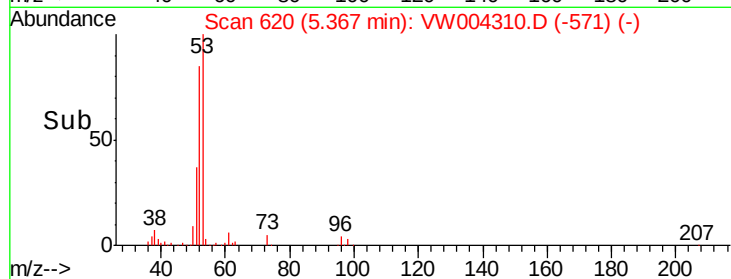
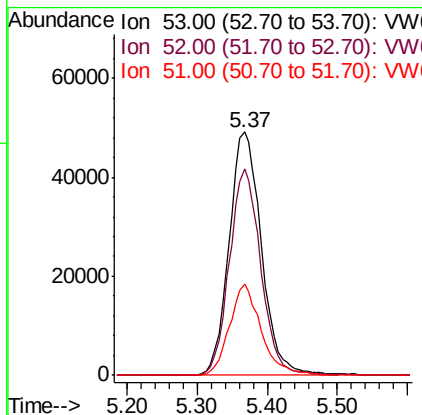
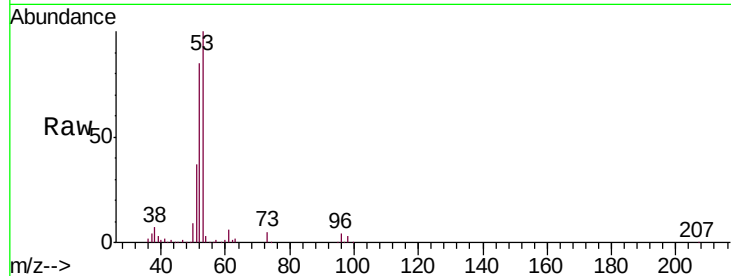
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	158093
Ion Ratio		Lower	Upper
53	100		
52	82.1	65.7	98.5
51	36.5	29.2	43.8

Manual Integrations
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#16

Acetone

Concen: 268.17 ug/l

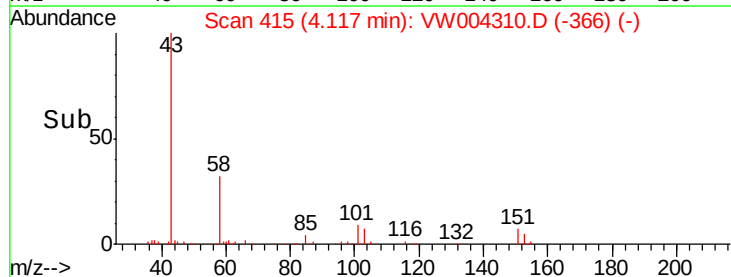
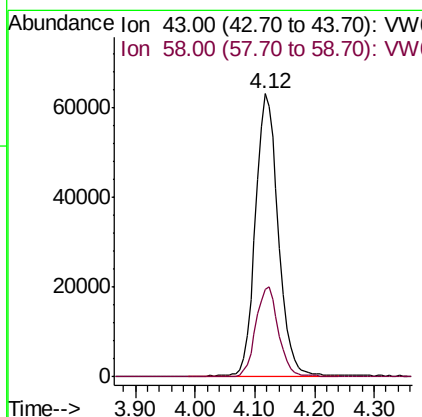
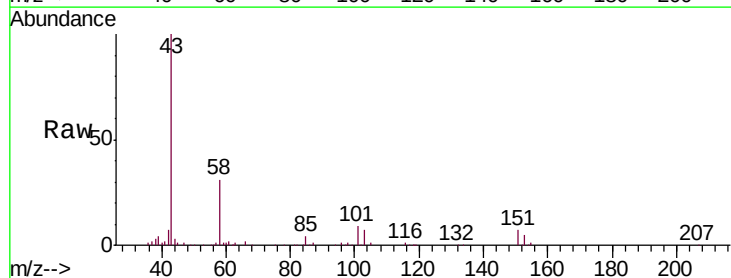
RT: 4.12 min Scan# 415

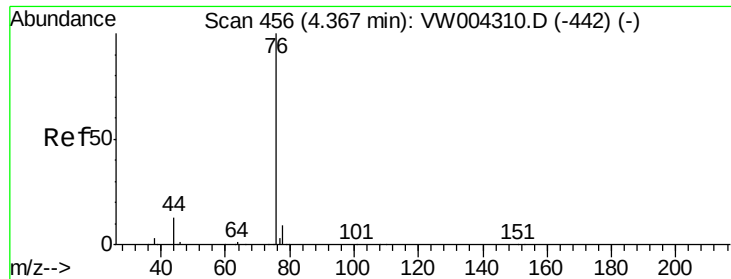
Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Tgt Ion:	43	Resp:	169172
Ion Ratio		Lower	Upper
43	100		
58	31.0	24.8	37.2





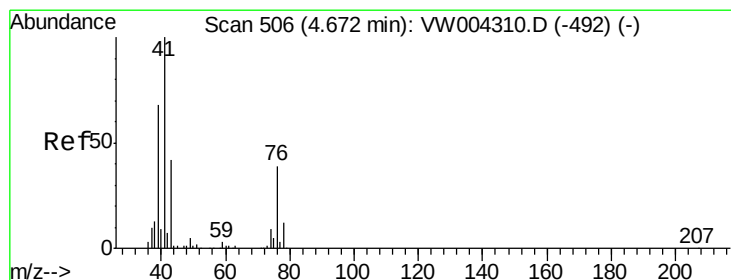
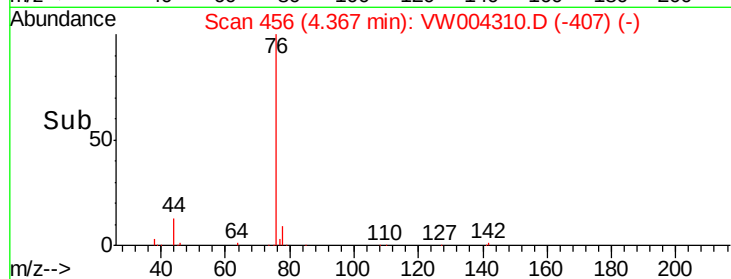
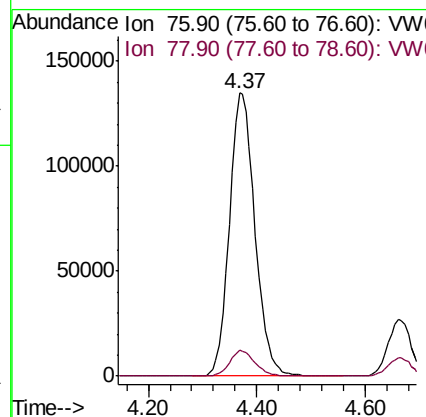
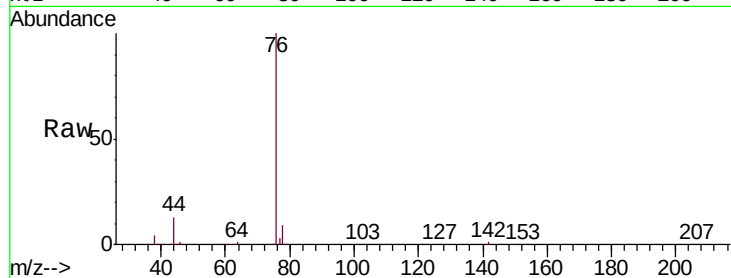
#17
Carbon Disulfide
Concen: 52.10 ug/l
RT: 4.37 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0

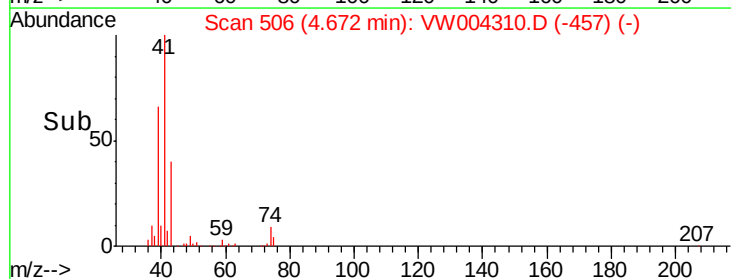
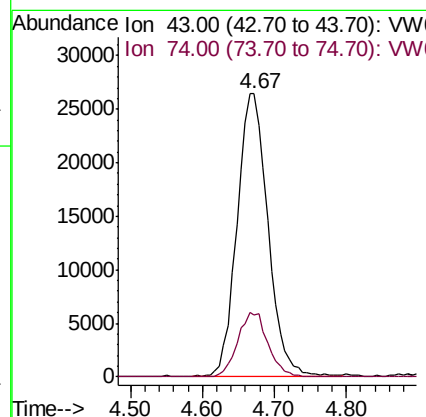
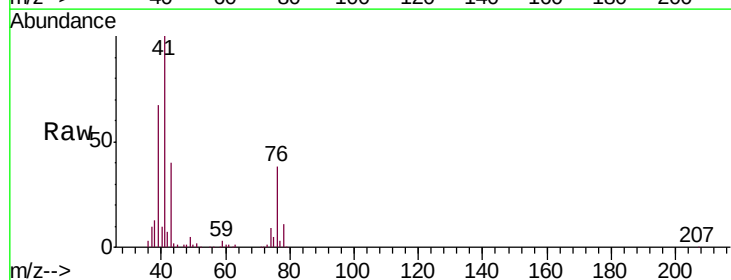
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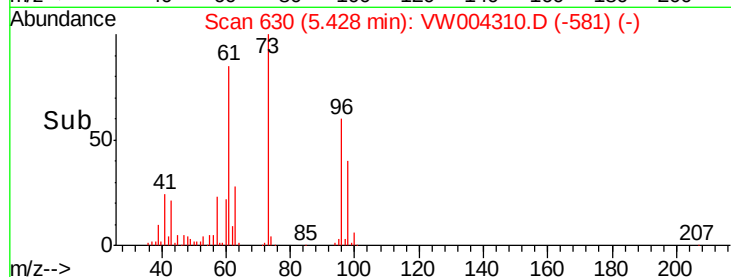
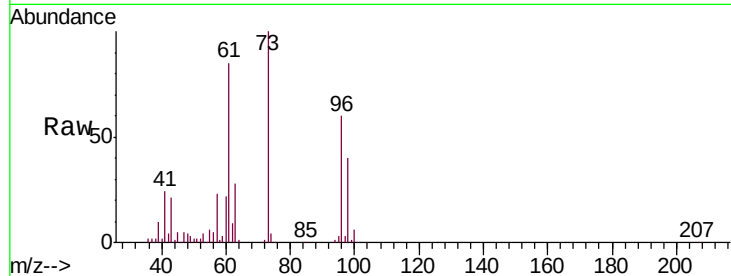
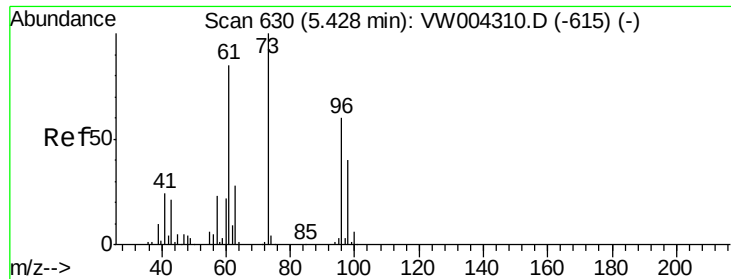
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#18
Methyl Acetate
Concen: 48.73 ug/l
RT: 4.67 min Scan# 506
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.2	17.8	26.6





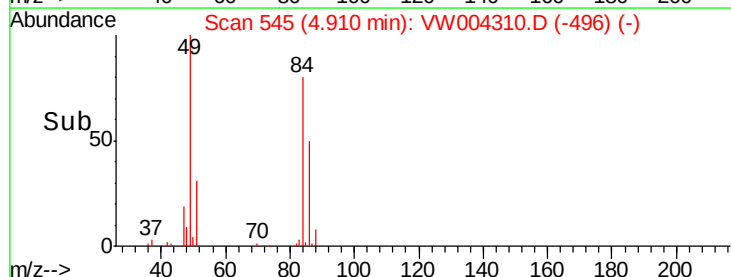
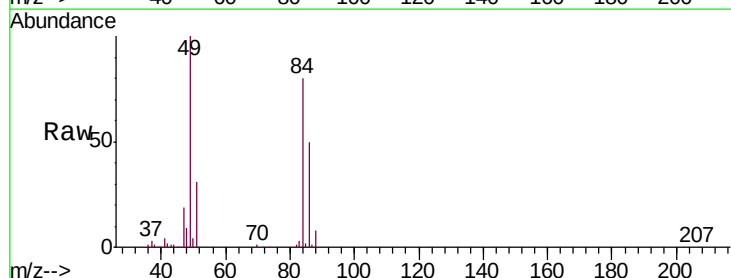
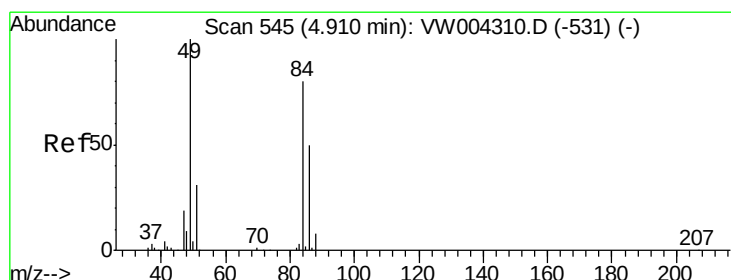
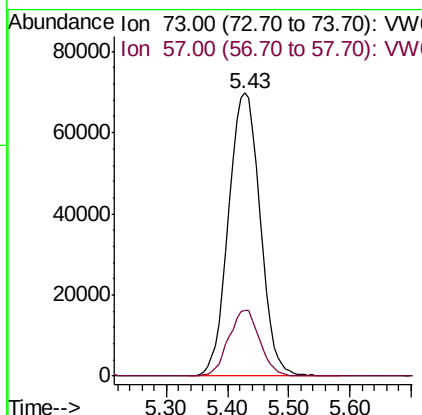
#19
Methyl tert-butyl Ether
Concen: 51.28 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Tot Ion: 73 Resp: 249387
Ion Ratio Lower Upper
73 100
57 23.0 18.4 27.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

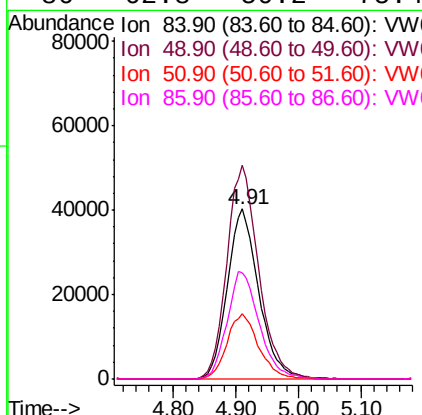
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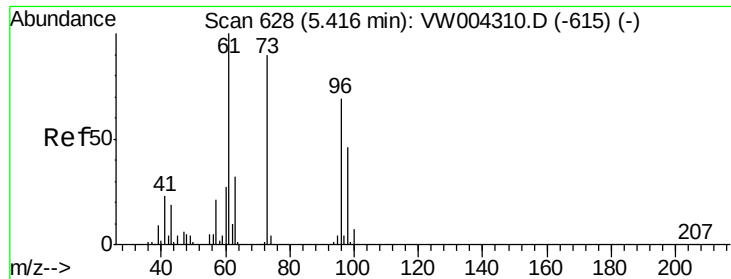
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#20
Methylene Chloride
Concen: 47.52 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Tgt Ion: 84 Resp: 139524
Ion Ratio Lower Upper
84 100
49 125.6 100.5 150.7
51 38.6 30.9 46.3
86 62.8 50.2 75.4





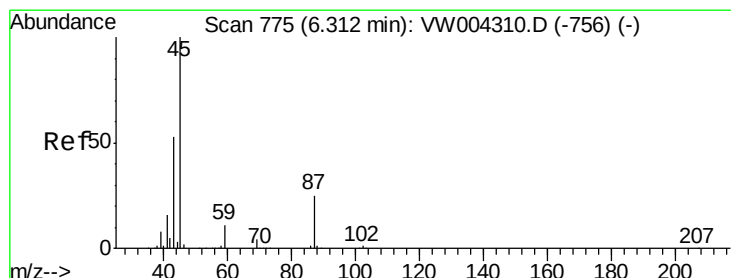
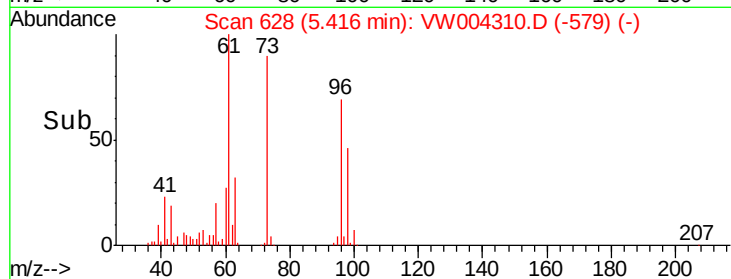
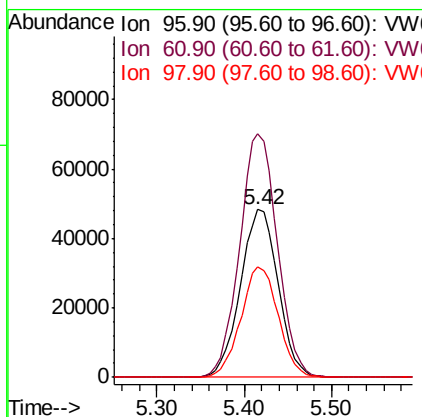
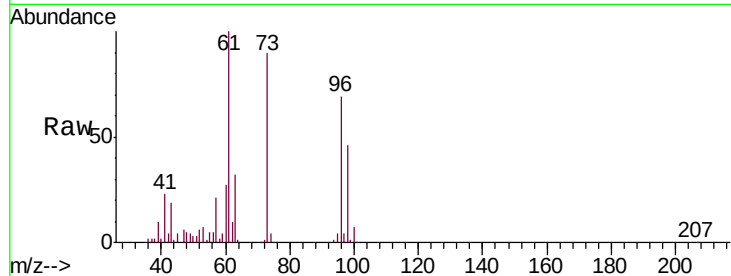
#21
trans-1,2-Dichloroethene
Concen: 49.82 ug/l
RT: 5.42 min Scan# 628
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.2	116.2	174.2
98	66.1	52.9	79.3

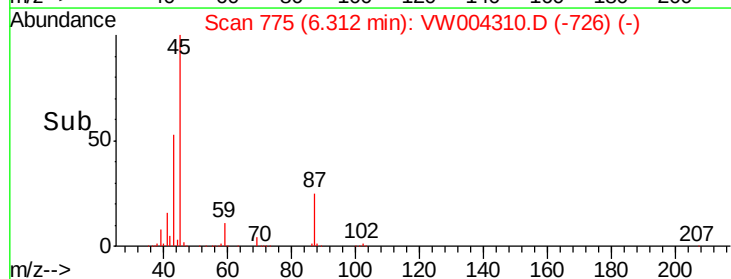
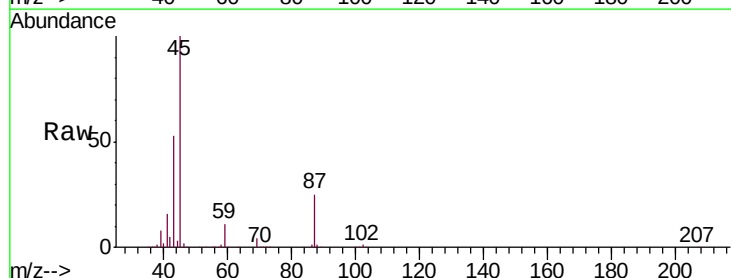
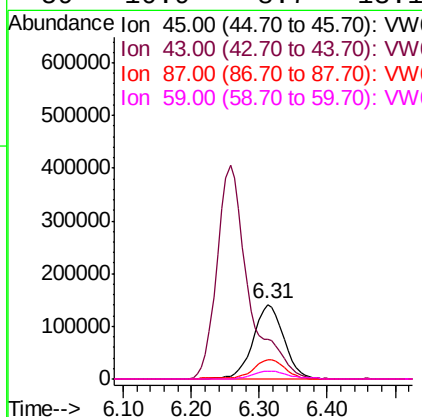
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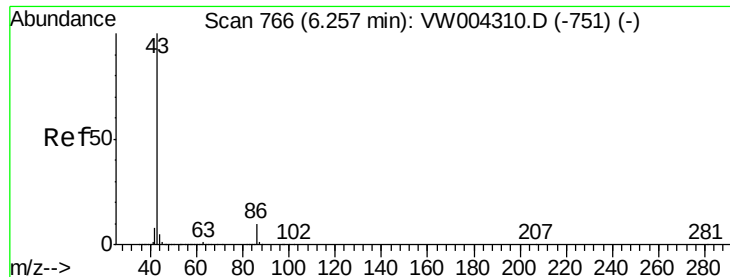
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#22
Diisopropyl ether
Concen: 54.04 ug/l
RT: 6.31 min Scan# 775
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Tgt Ion	Ratio	Lower	Upper
45	100		
43	52.9	42.3	63.5
87	24.9	19.9	29.9
59	10.9	8.7	13.1





#23

Vinyl Acetate

Concen: 272.87 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Tot Ion: 43 Resp: 1308252

Ion Ratio Lower Upper

43 100

86 9.6 7.7 11.5

Instrument :

MSVOA_W

ClientSampleId :

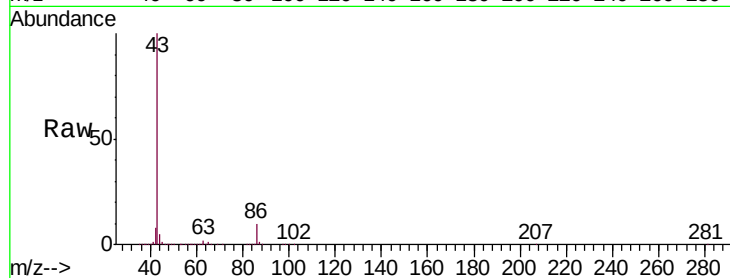
VSTDICCC050

Manual Integrations

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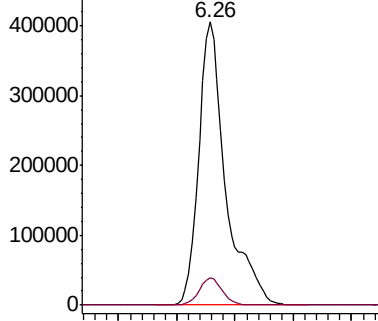
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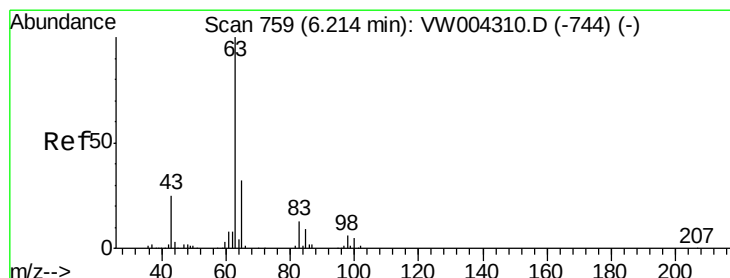
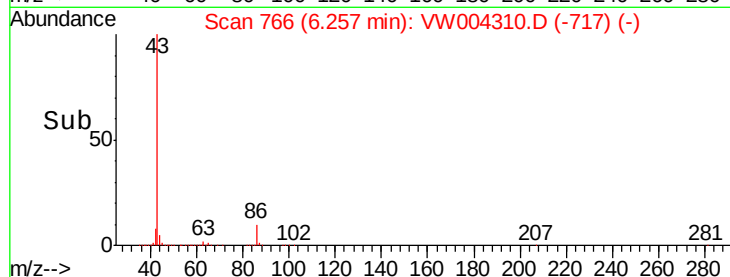


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 49.58 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

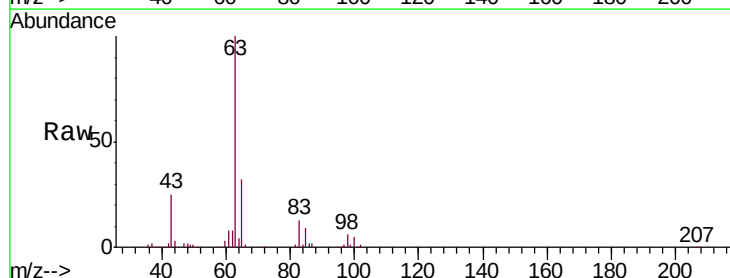
Tgt Ion: 63 Resp: 263870

Ion Ratio Lower Upper

63 100

98 6.4 3.2 9.6

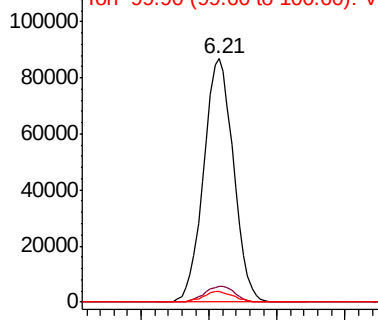
100 4.6 2.3 6.9



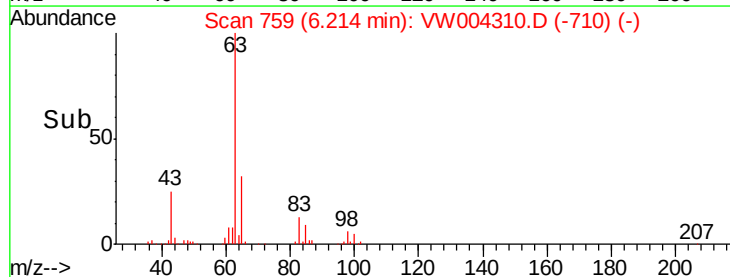
Abundance Ion 62.90 (62.60 to 63.60): VW

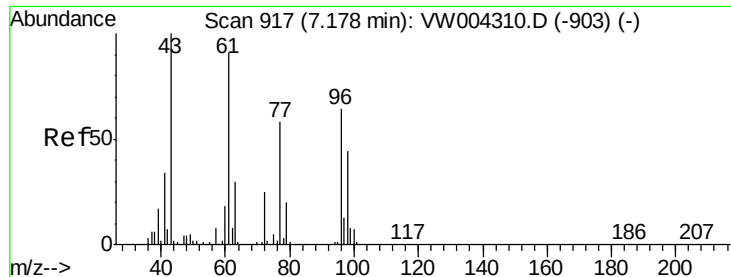
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->





#25

2-Butanone

Concen: 274.53 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion: 43 Resp: 209899

Ion Ratio Lower Upper

43 100

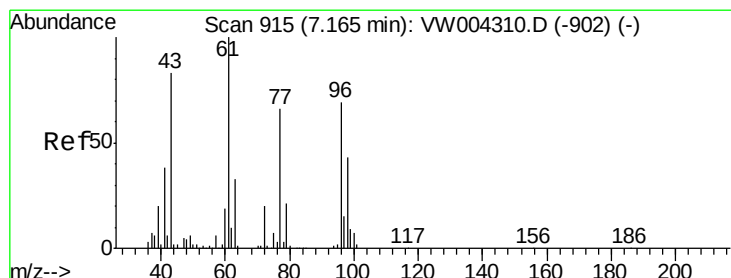
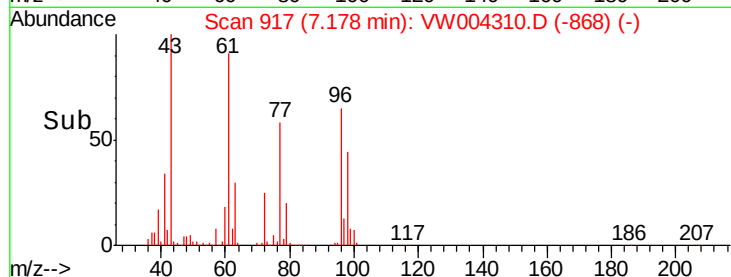
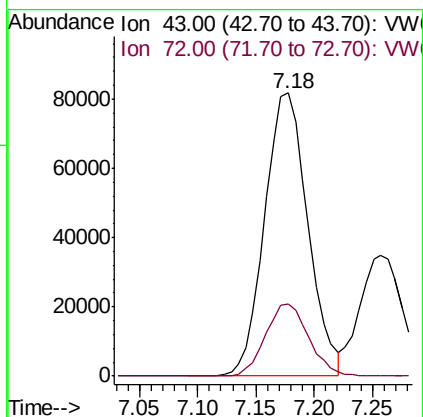
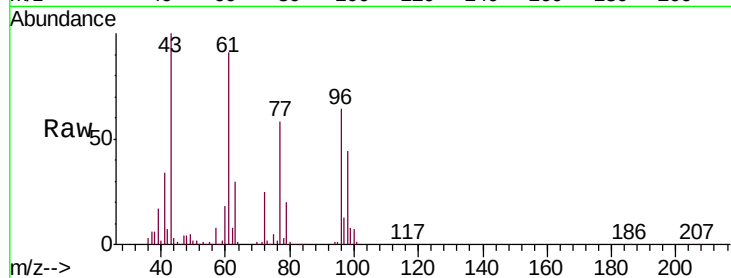
72 25.4 20.3 30.5

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 50.51 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW004310.D

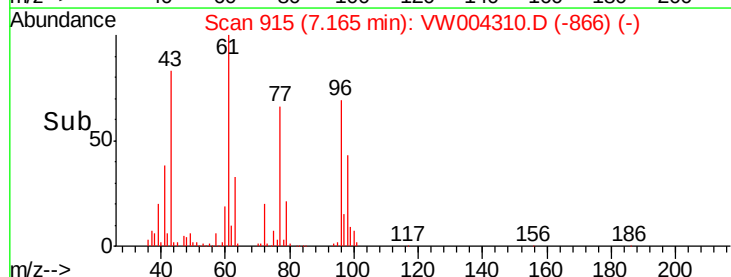
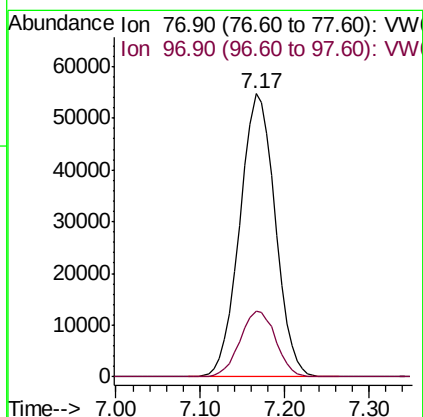
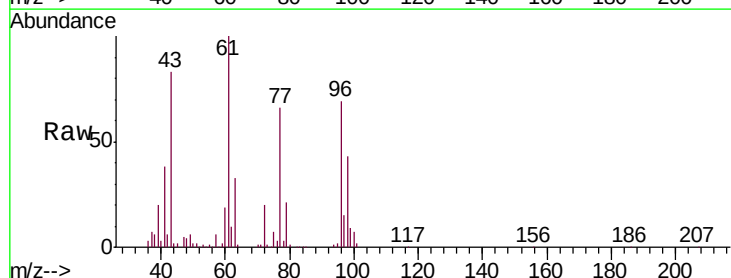
Acq: 29 Jul 2018 13:04

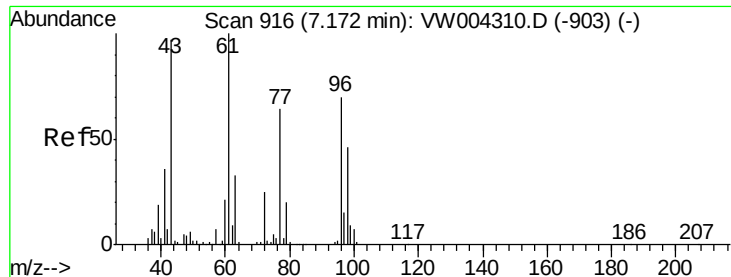
Tgt Ion: 77 Resp: 155947

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 51.65 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Instrument :

MSVOA_W

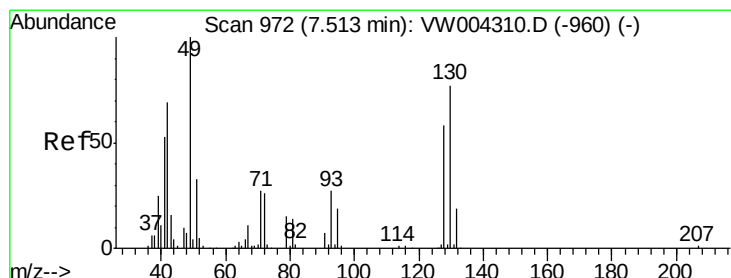
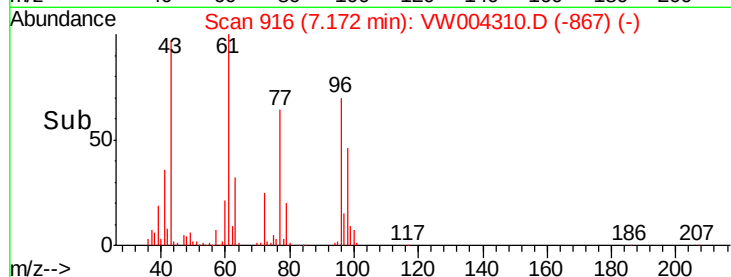
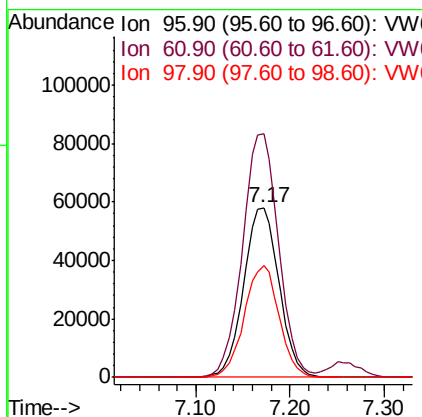
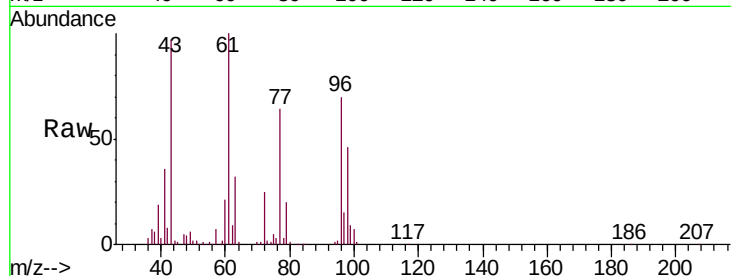
ClientSampled :

VSTDICCC050

Tot Ion:	96	Resp:	153106
Ion	Ratio	Lower	Upper
96	100		
61	146.0	0.0	292.0
98	64.8	0.0	129.6

Manual Integrations
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#28

Bromochloromethane

Concen: 49.93 ug/l

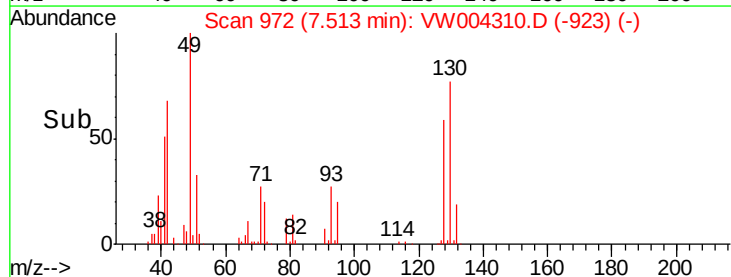
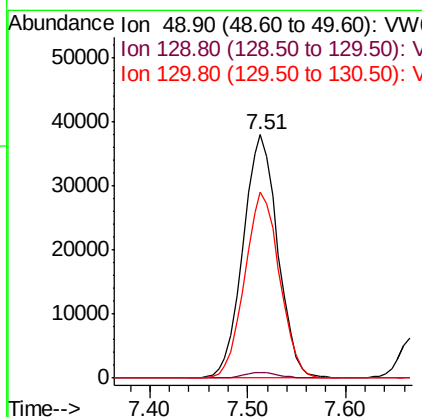
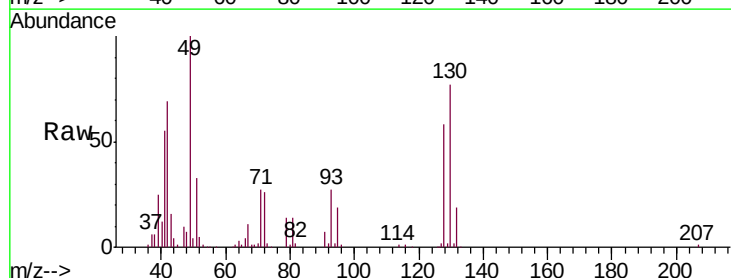
RT: 7.51 min Scan# 972

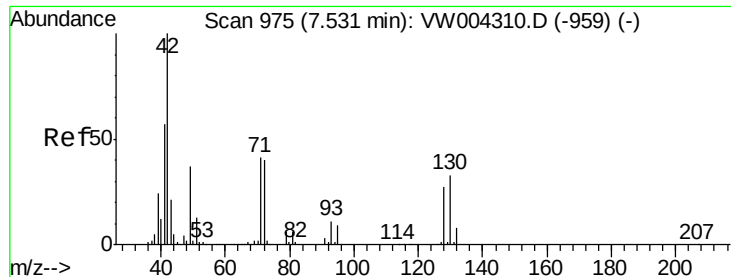
Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Tgt Ion:	49	Resp:	93127
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	76.9	61.5	92.3





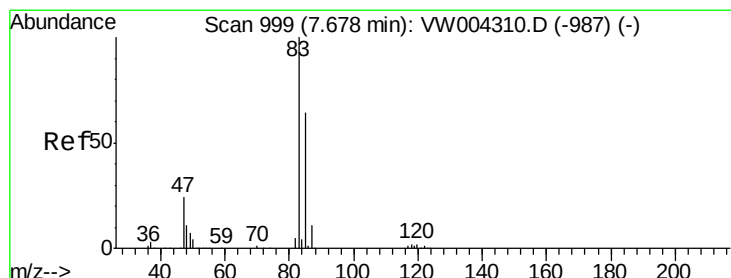
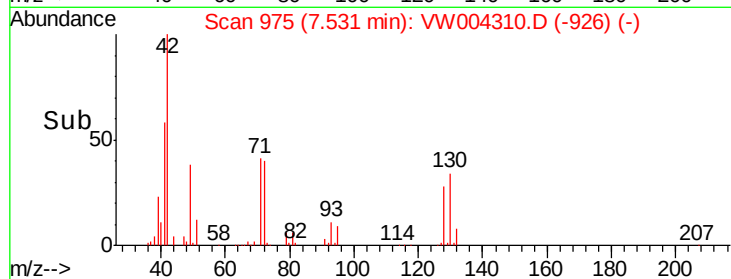
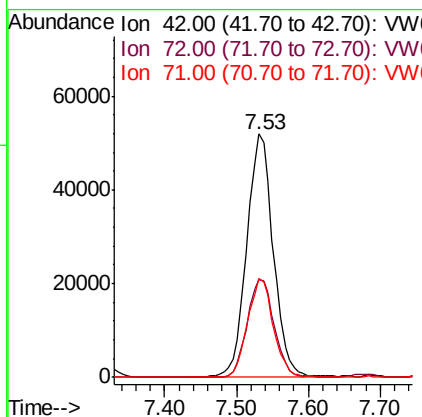
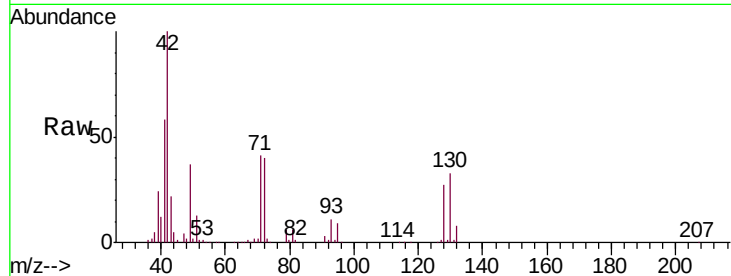
#29
Tetrahydrofuran
Concen: 273.02 ug/l
RT: 7.53 min Scan# 975
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.7	32.6	48.8
71	39.1	31.3	46.9

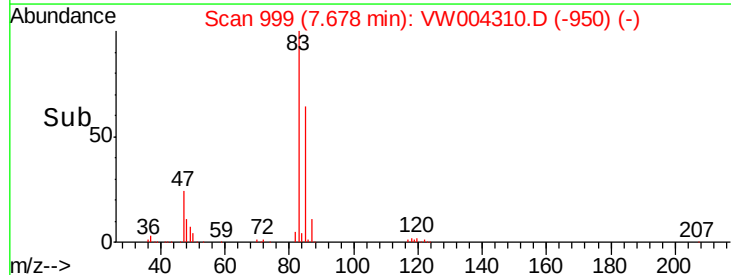
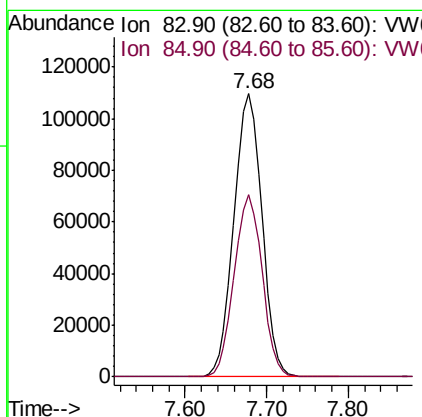
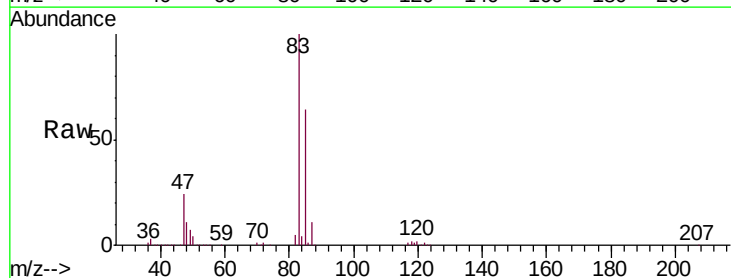
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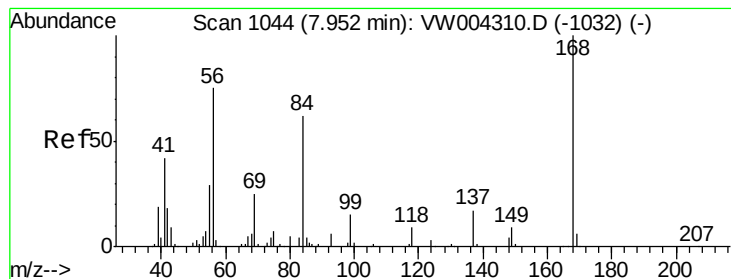
apatel
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#30
Chloroform
Concen: 51.33 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.5	77.3





#31

Cyclohexane

Concen: 51.98 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Instrument :

MSVOA_W

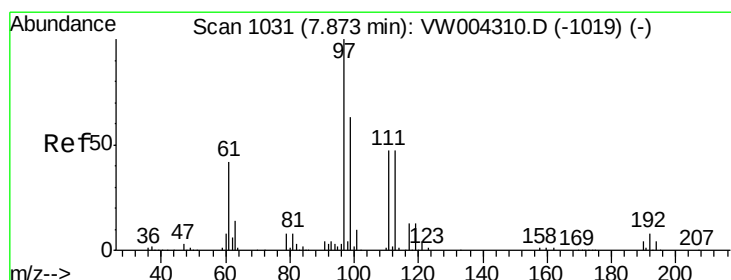
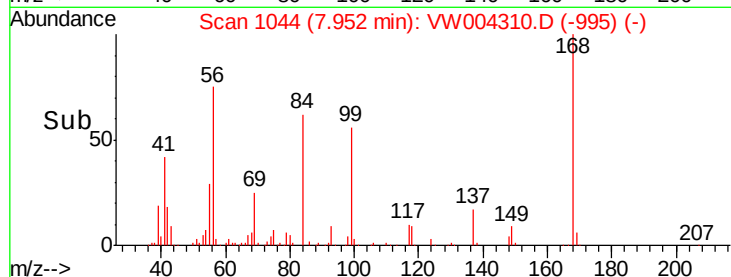
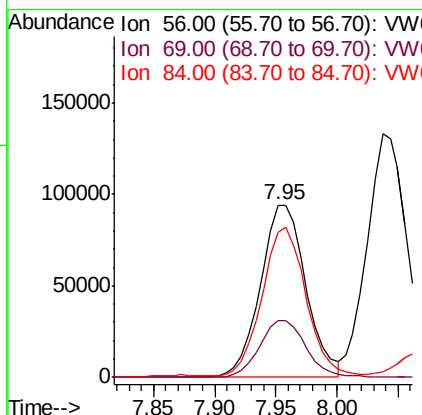
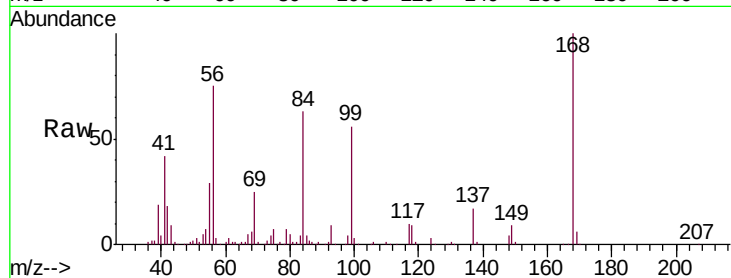
ClientSampled :

VSTDICCC050

Tot Ion	56	Resp	244285
Ion Ratio	Lower	Upper	
56	100		
69	32.9	26.3	39.5
84	82.8	66.2	99.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.75 ug/l

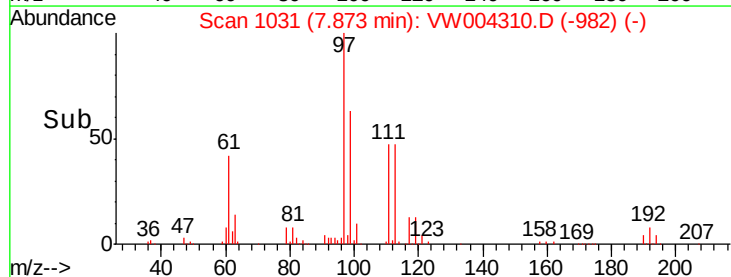
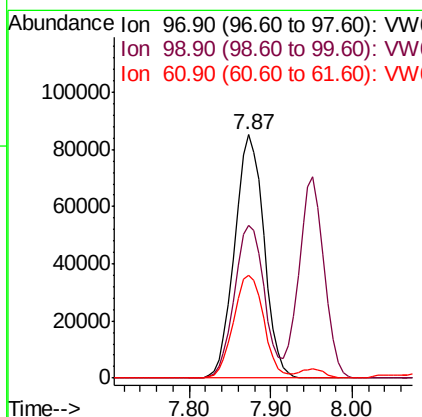
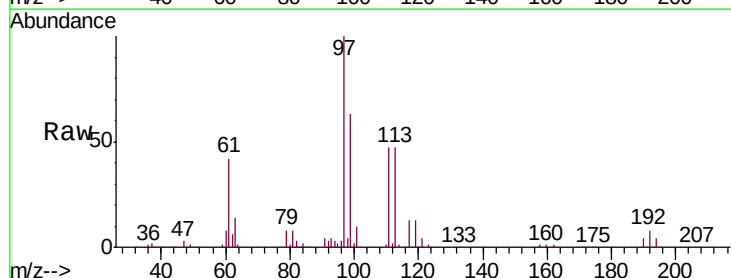
RT: 7.87 min Scan# 1031

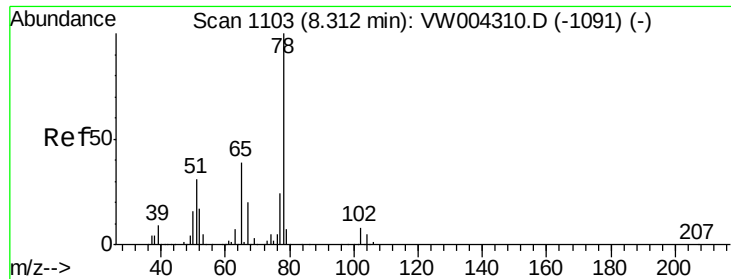
Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Tgt Ion	97	Resp	211891
Ion Ratio	Lower	Upper	
97	100		
99	64.6	51.7	77.5
61	43.5	34.8	52.2





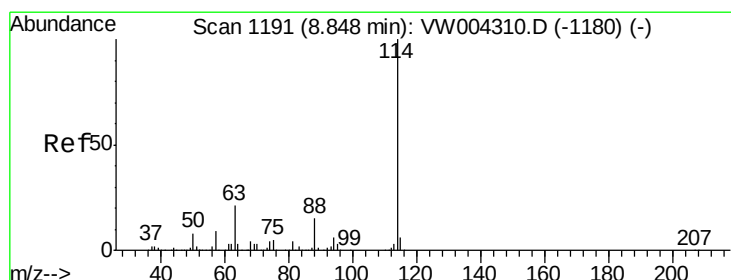
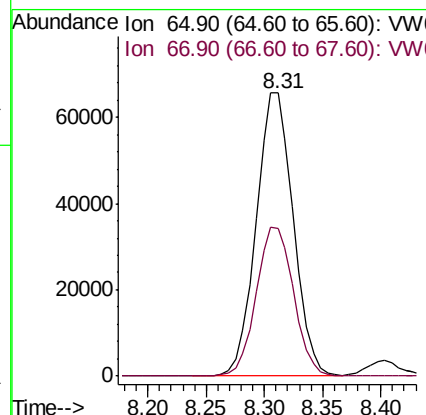
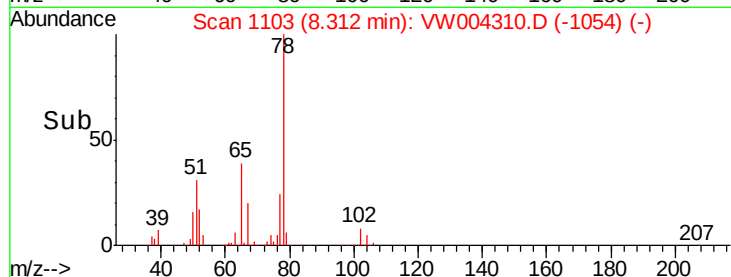
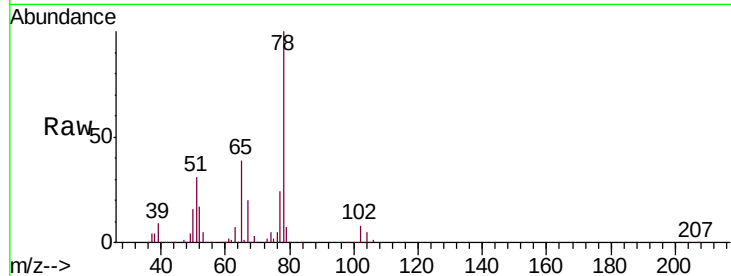
#33
 1,2-Dichloroethane-d4
 Concen: 52.93 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.2	0.0	106.4	

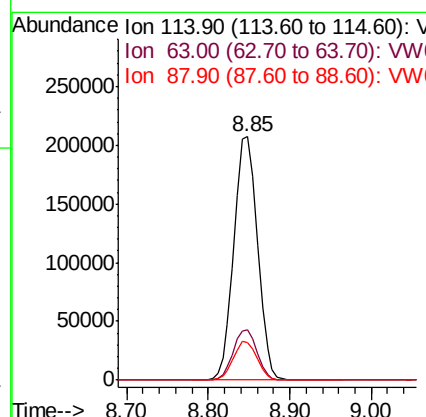
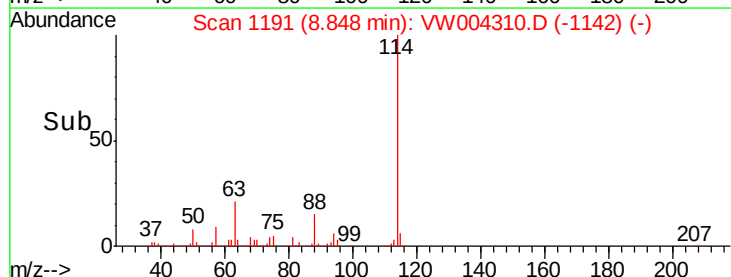
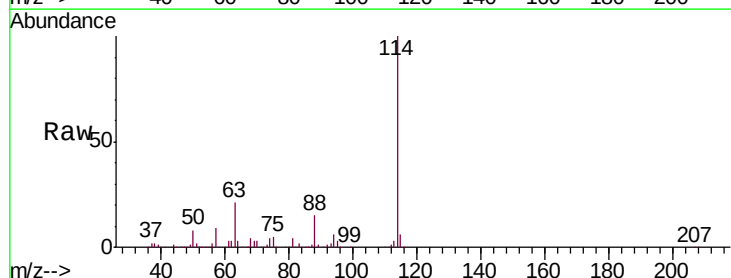
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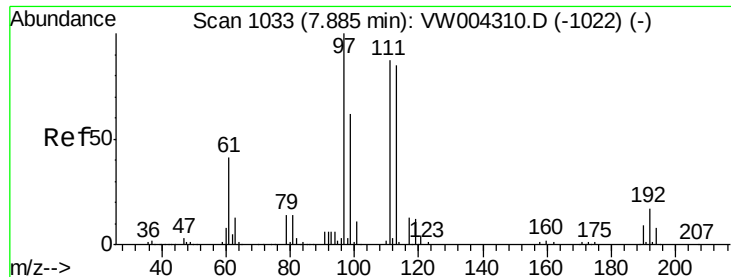
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.7	0.0	41.4	
88	15.3	0.0	30.6	





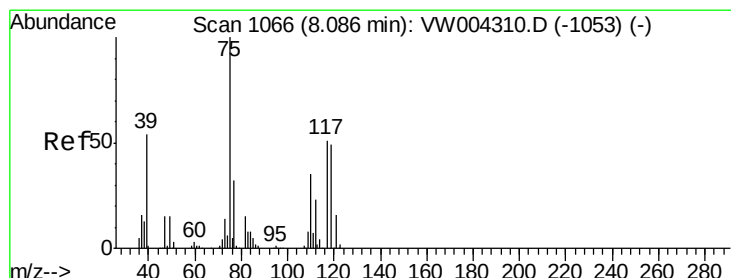
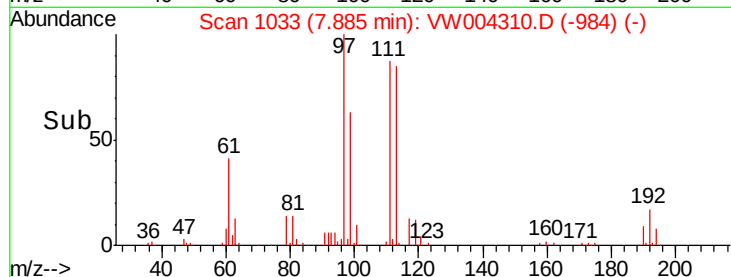
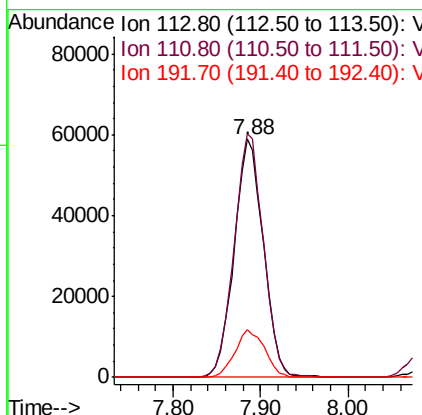
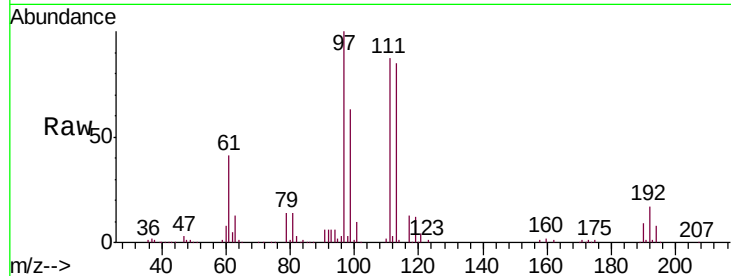
#35
 Dibromofluoromethane
 Concen: 52.28 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	136838		
111	102.6	82.1	123.1	
192	20.3	16.2	24.4	

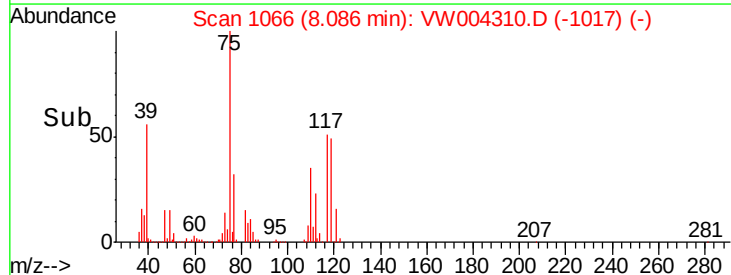
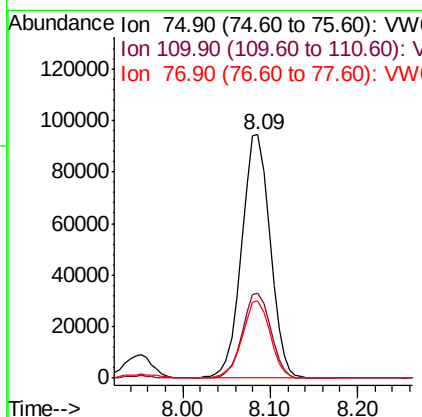
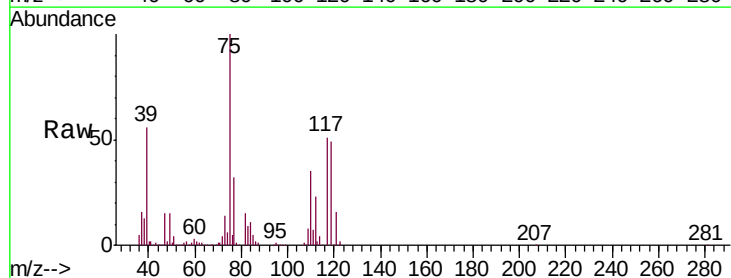
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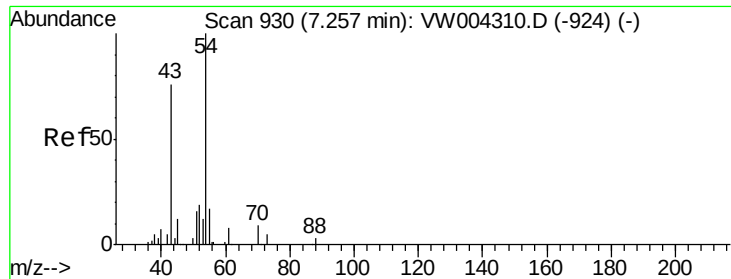
apatel
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#36
 1,1-Dichloropropene
 Concen: 51.71 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	214230		
110	34.7	17.3	52.0	
77	31.3	25.0	37.6	





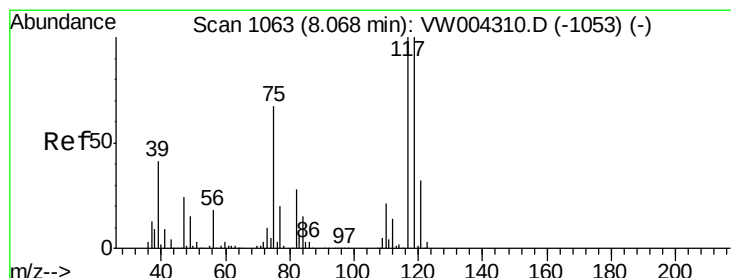
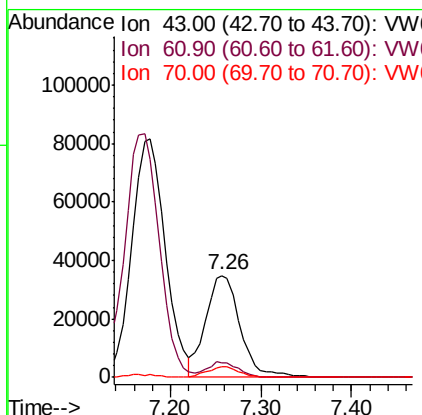
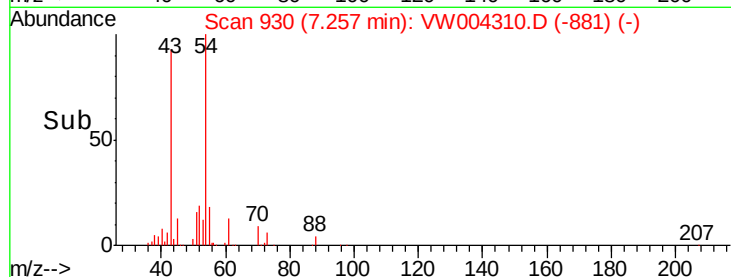
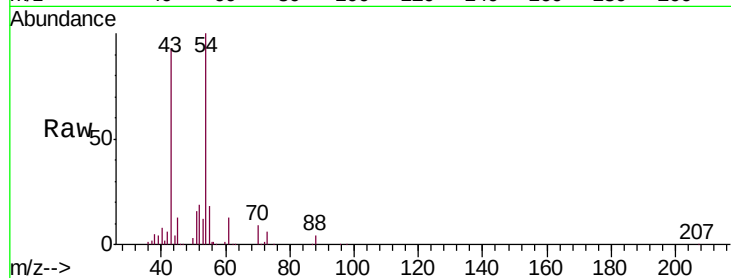
#37
Ethyl Acetate
Concen: 54.10 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.1	16.7
70	9.7	7.8	11.6

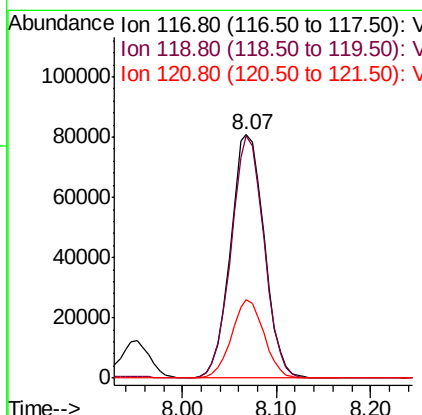
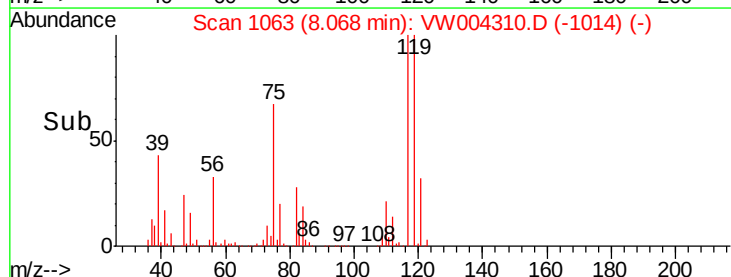
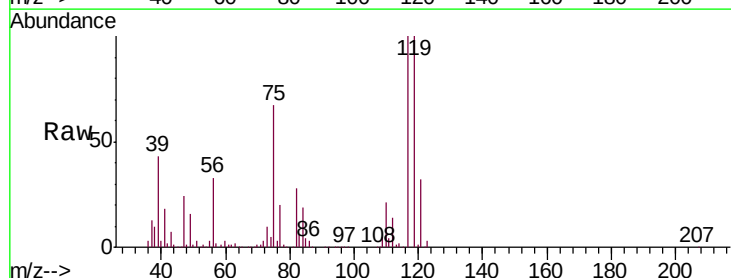
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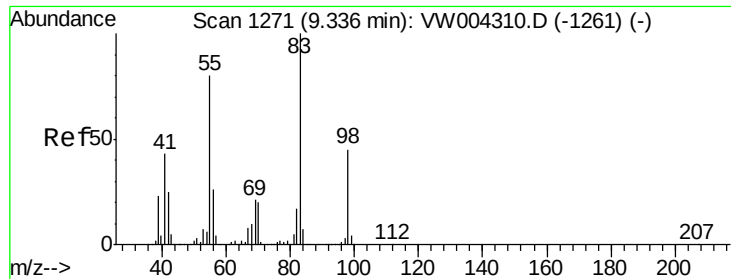
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#38
Carbon Tetrachloride
Concen: 49.29 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.6	79.7	119.5
121	32.1	25.7	38.5





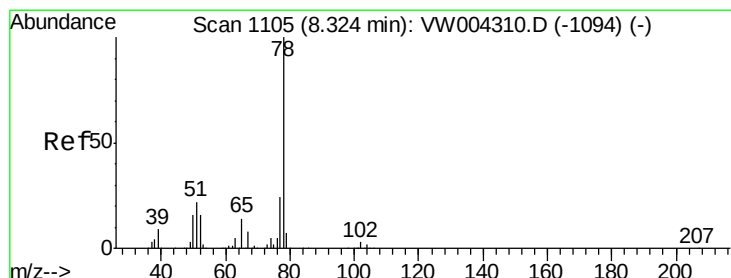
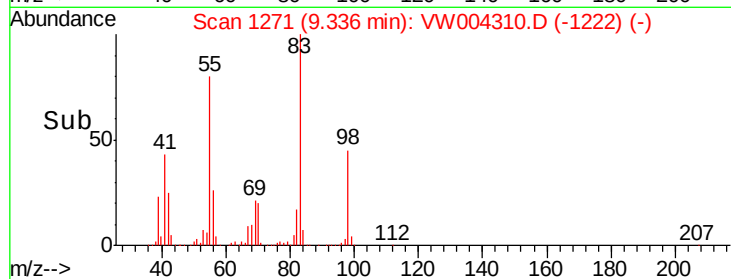
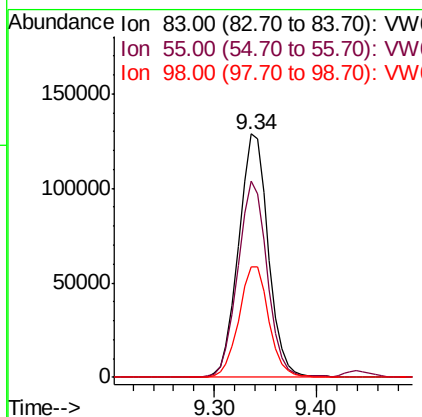
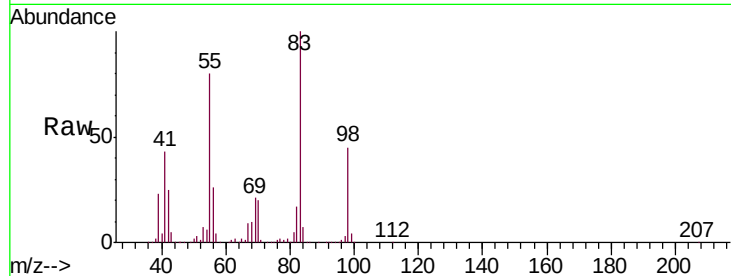
#39
Methylvlcyclohexane
Concen: 52.24 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.4	64.3	96.5
98	45.4	36.3	54.5

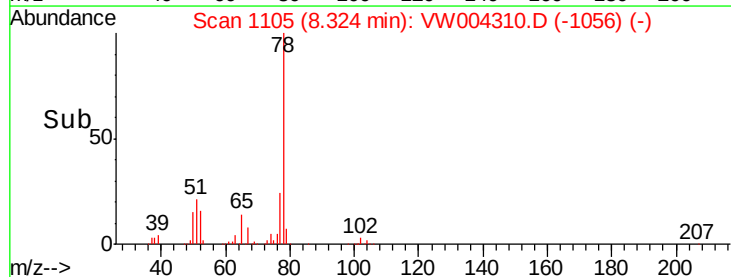
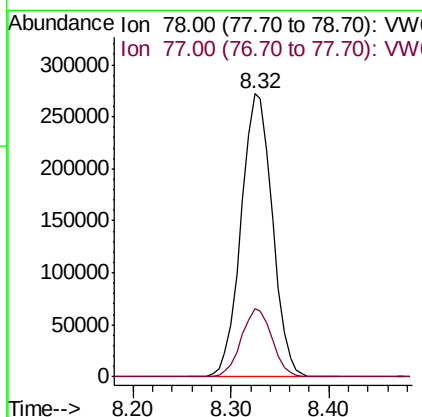
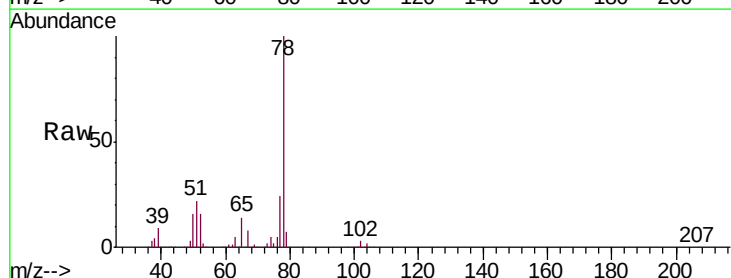
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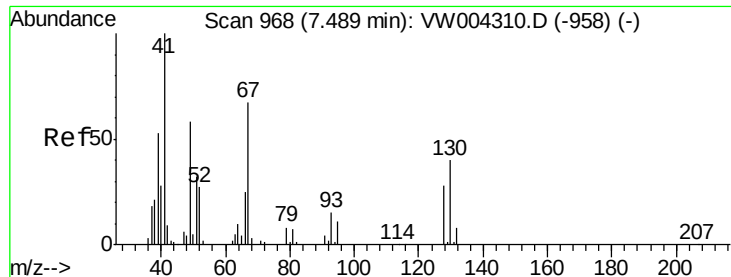
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#40
Benzene
Concen: 51.74 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.4	29.0





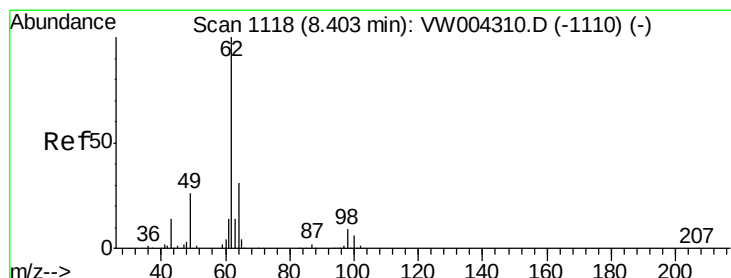
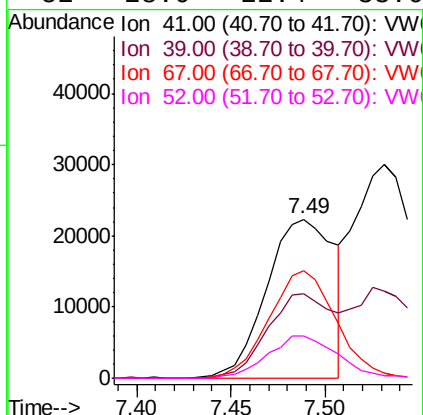
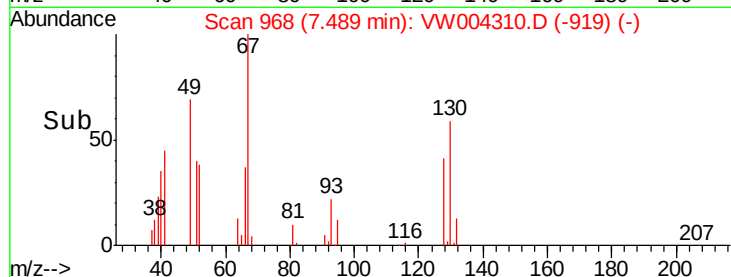
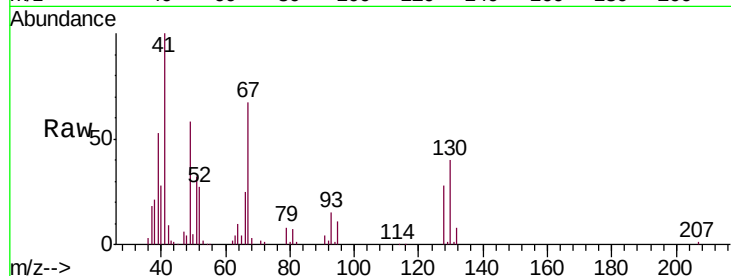
#41
Methacrylonitrile
Concen: 56.95 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	41	Resp	55831
Ion	Ratio	Lower	Upper
41	100		
39	51.5	41.2	61.8
67	66.7	53.4	80.0
52	28.0	22.4	33.6

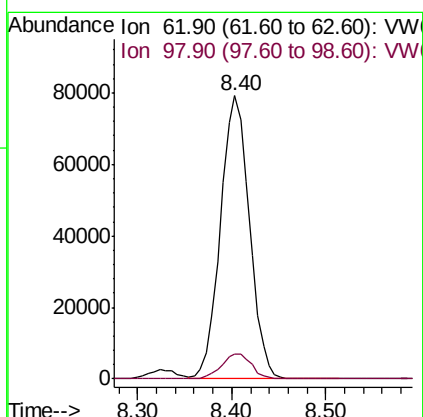
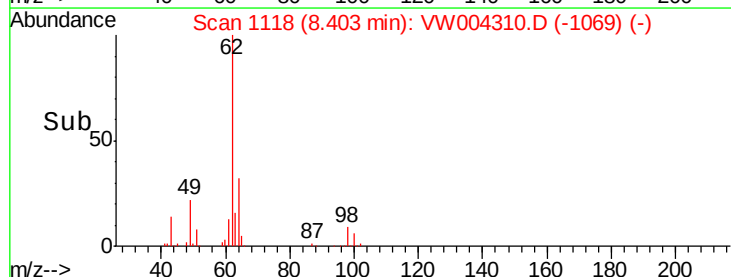
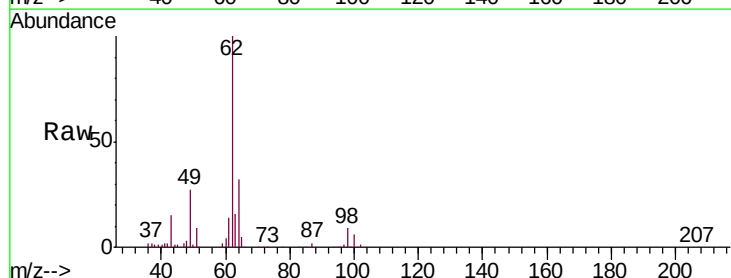
Manual Integrations
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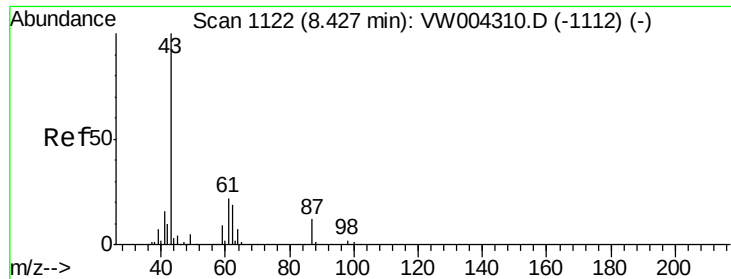
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#42
1,2-Dichloroethane
Concen: 50.74 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Tgt Ion	62	Resp	169085
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.4





#43

Isopropyl Acetate

Concen: 54.95 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Instrument :

MSVOA_W

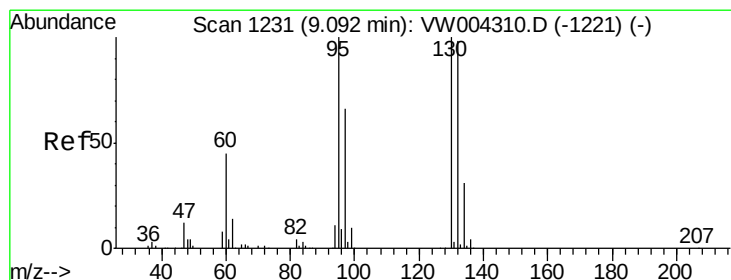
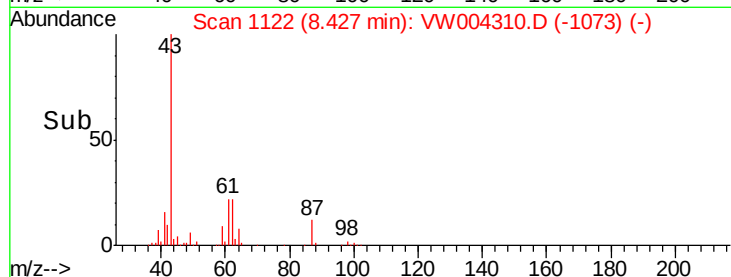
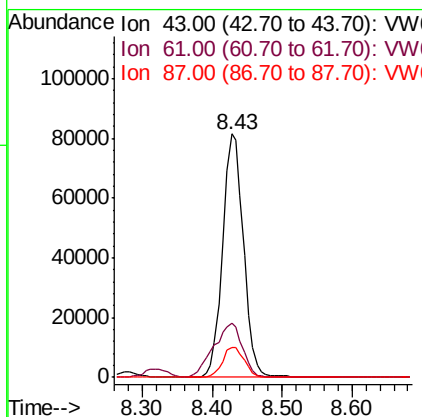
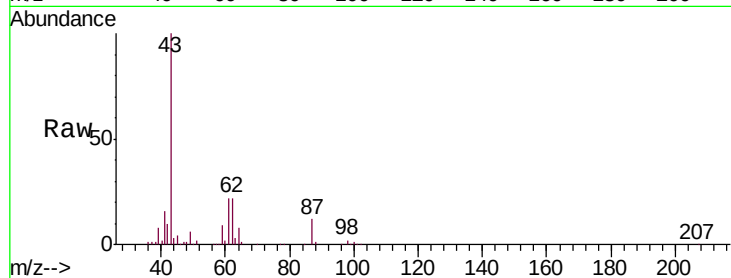
ClientSampleId :

VSTDICCC050

Tot Ion:	43	Resp:	168154
Ion	Ratio	Lower	Upper
43	100		
61	30.6	24.5	36.7
87	13.0	10.4	15.6

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#44

Trichloroethene

Concen: 49.76 ug/l

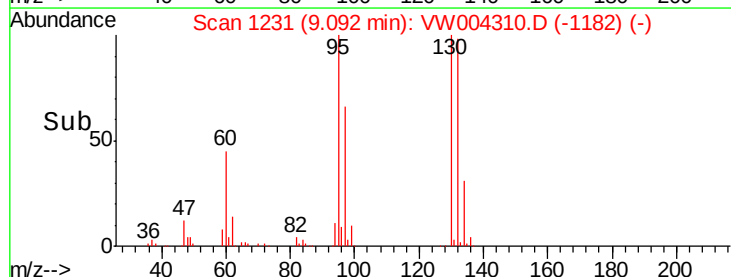
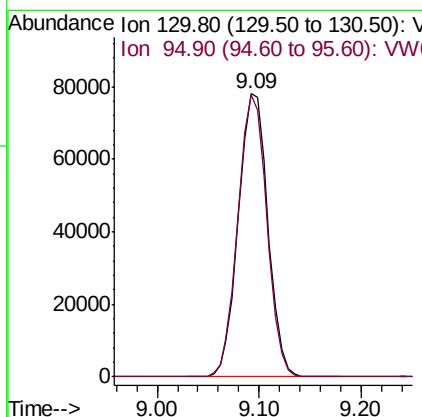
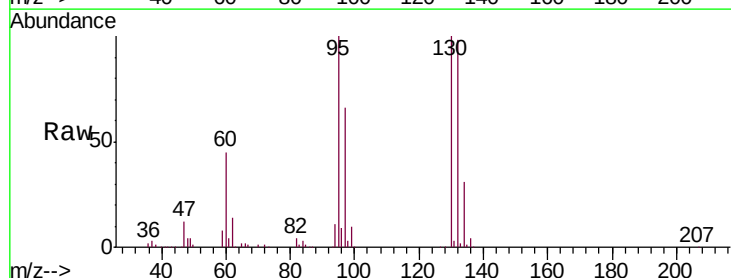
RT: 9.09 min Scan# 1231

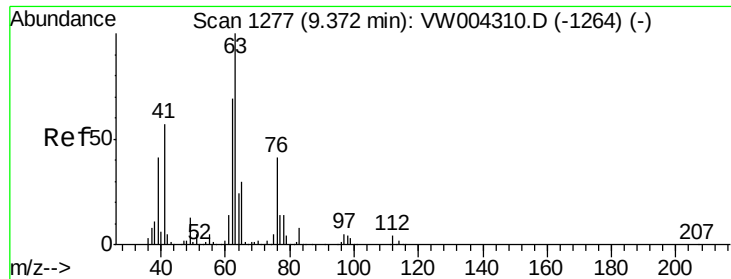
Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Tgt Ion:	130	Resp:	156583
Ion	Ratio	Lower	Upper
130	100		
95	99.7	0.0	199.4





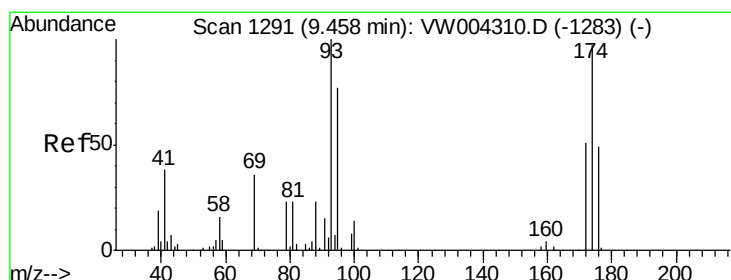
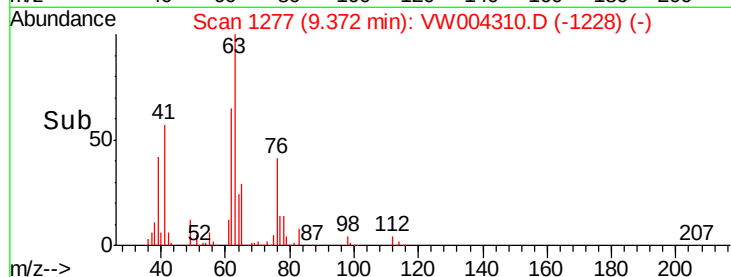
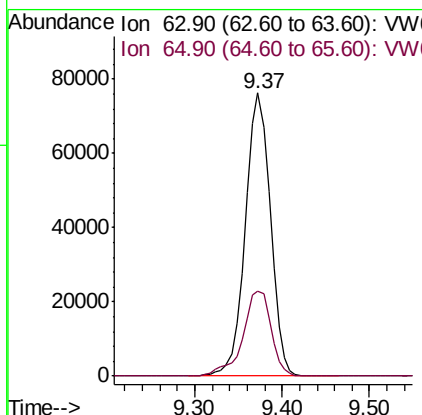
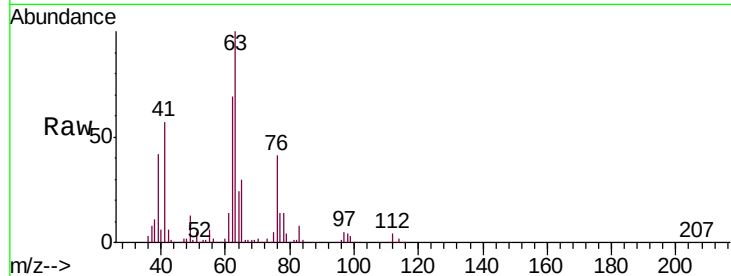
#45
 1,2-Dichloropropane
 Concen: 52.32 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.9	23.9	35.9

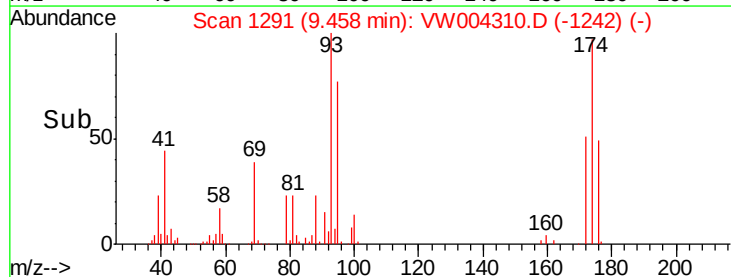
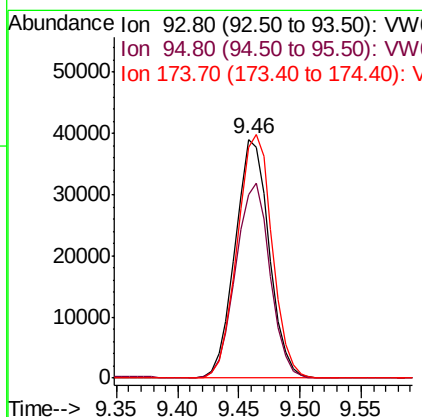
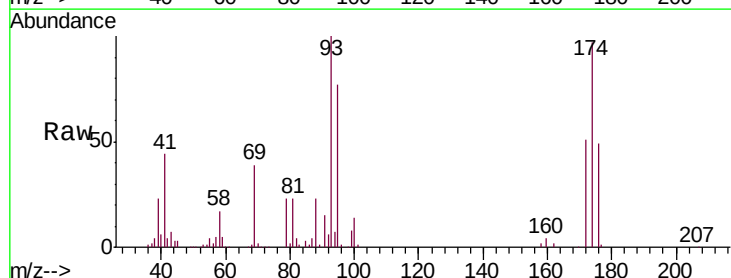
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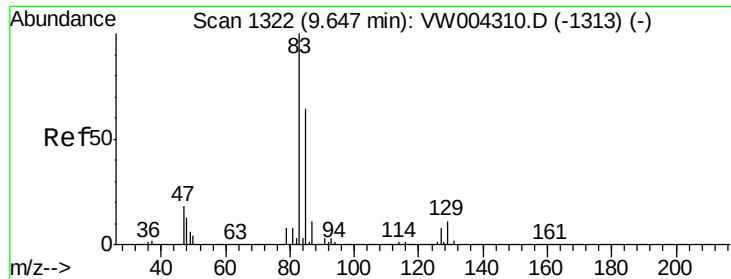
apatel
 7/30/2018 10:32:29 AM



#46
 Dibromomethane
 Concen: 51.01 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.3	65.8	98.8
174	104.6	83.7	125.5





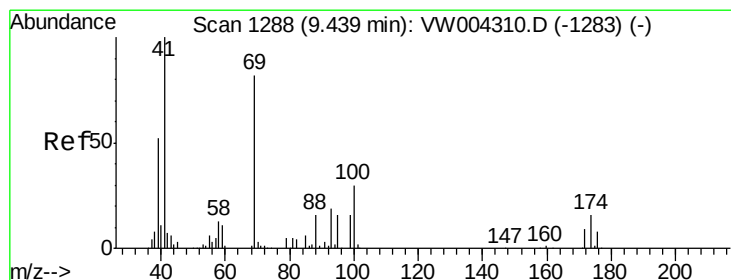
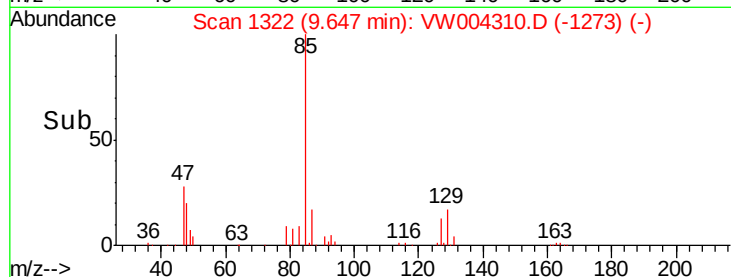
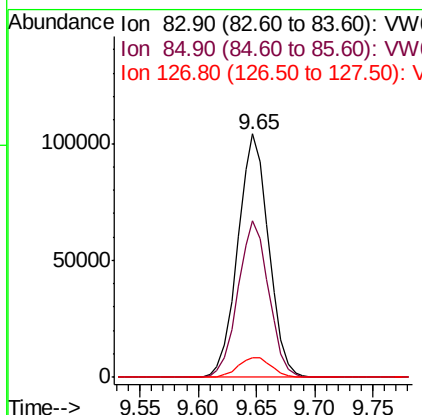
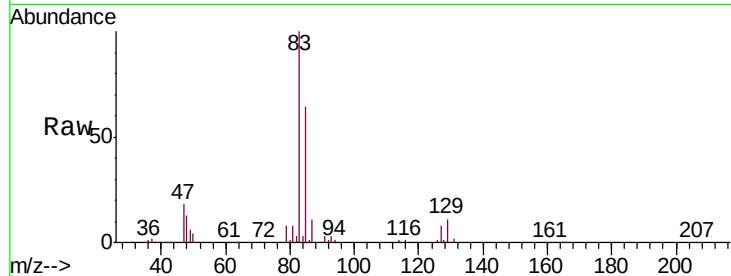
#47
Bromodichloromethane
Concen: 51.21 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	191832		
85	64.1	51.3	76.9	
127	8.2	6.6	9.8	

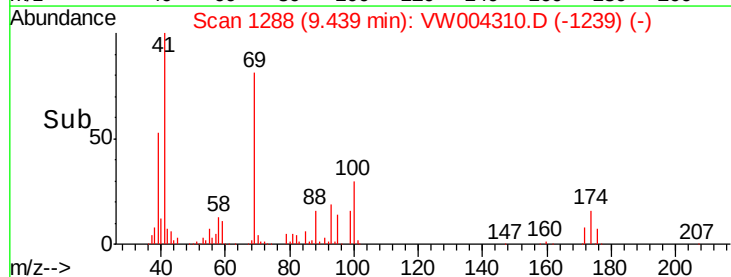
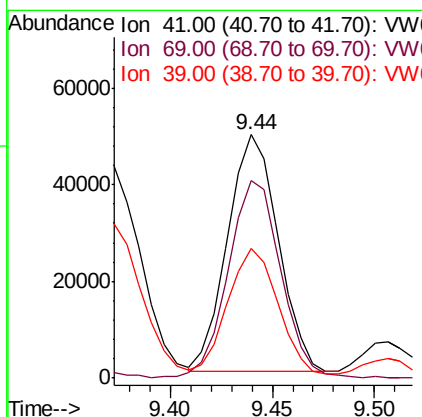
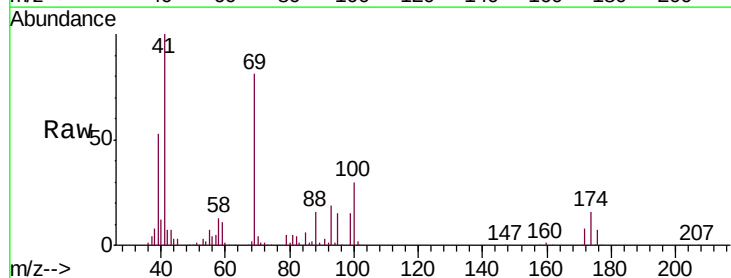
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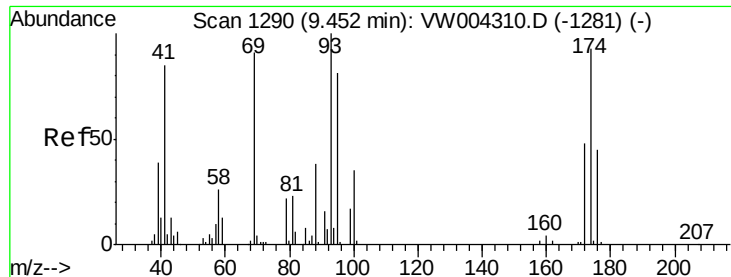
apatel
7/30/2018 10:32:29 AM



#48
Methyl methacrylate
Concen: 54.14 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	84379		
69	87.1	69.7	104.5	
39	52.3	41.8	62.8	





#49

1,4-Dioxane

Concen: 1026.11 ug/l

RT: 9.45 min Scan# 1290

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Instrument :

MSVOA_W

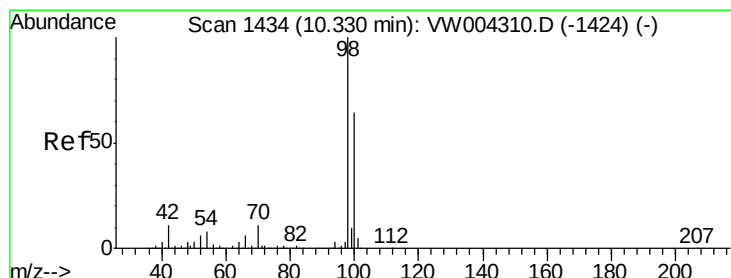
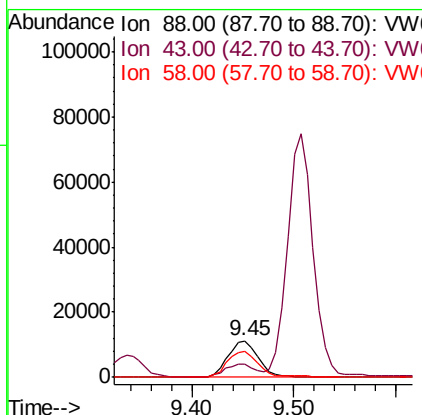
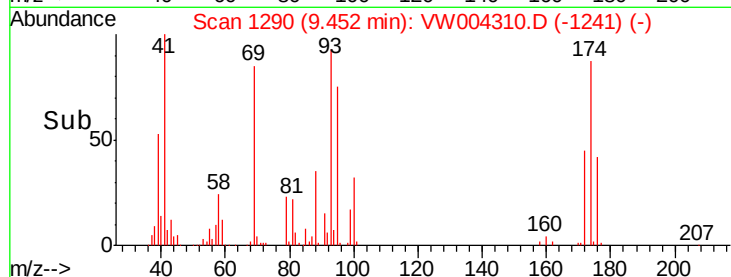
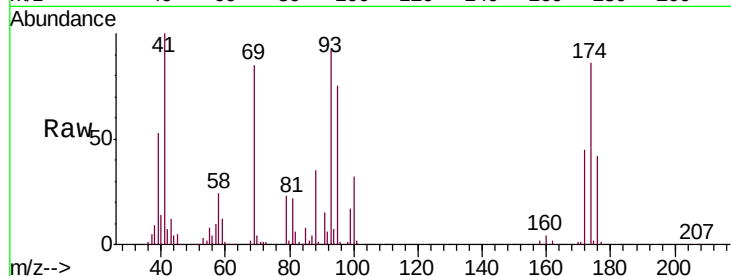
ClientSampled :

VSTDICCC050

Tot Ion:	88	Resp:	22973
Ion	Ratio	Lower	Upper
88	100		
43	35.4	28.3	42.5
58	75.3	60.2	90.4

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#50

Toluene-d8

Concen: 53.27 ug/l

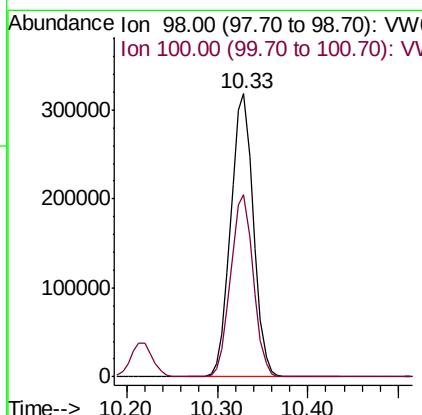
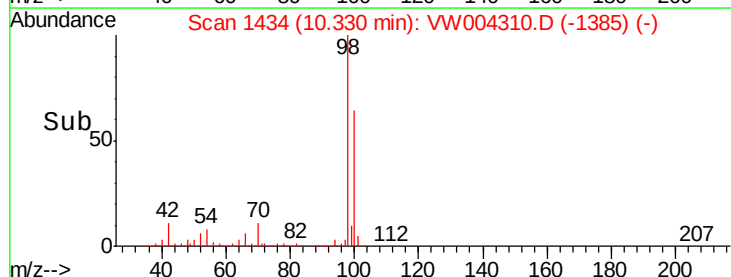
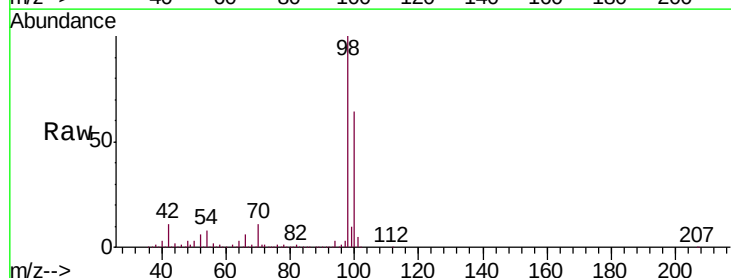
RT: 10.33 min Scan# 1434

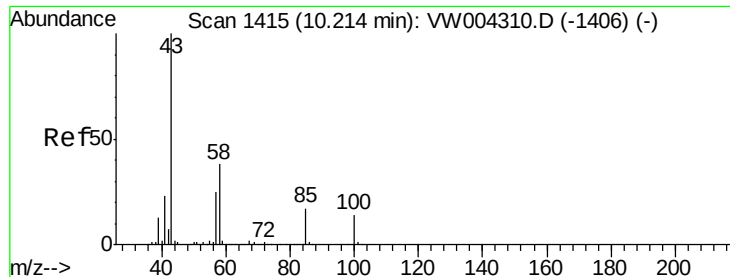
Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Tgt Ion:	98	Resp:	551024
Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 271.58 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion: 43 Resp: 456069

Ion Ratio Lower Upper

43 100

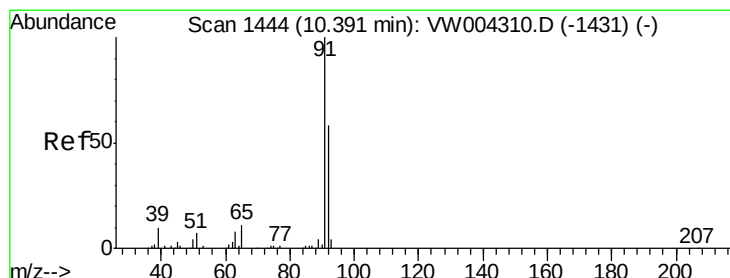
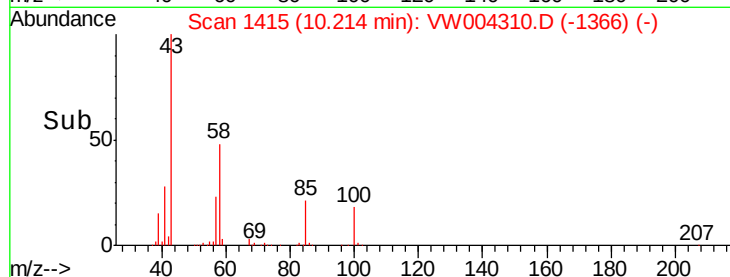
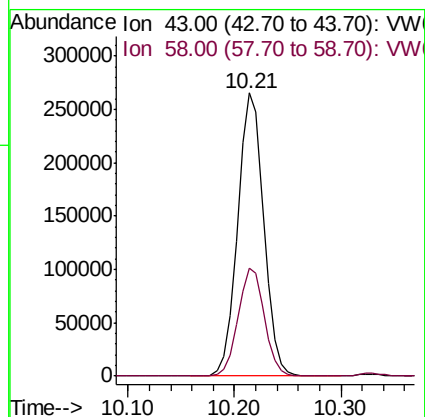
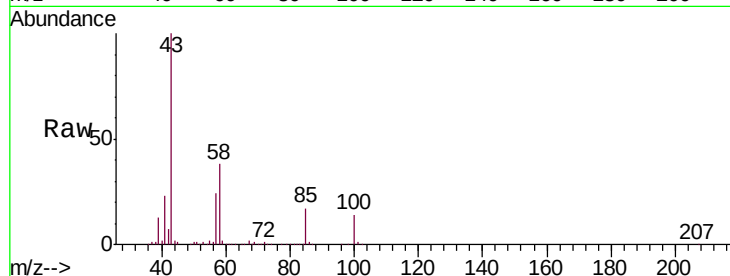
58 38.2 30.6 45.8

Manual Integrations

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#52

Toluene

Concen: 51.14 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004310.D

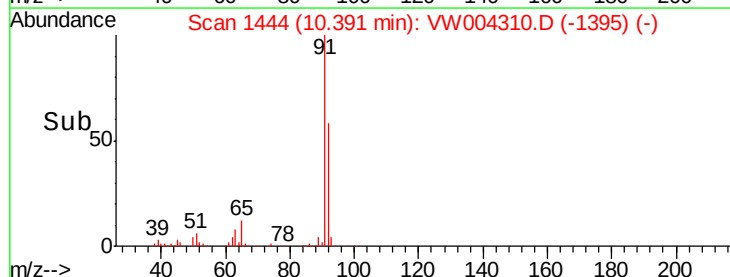
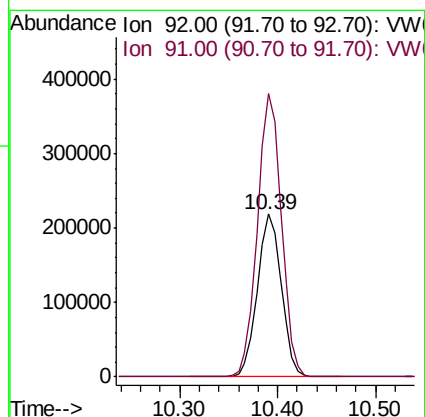
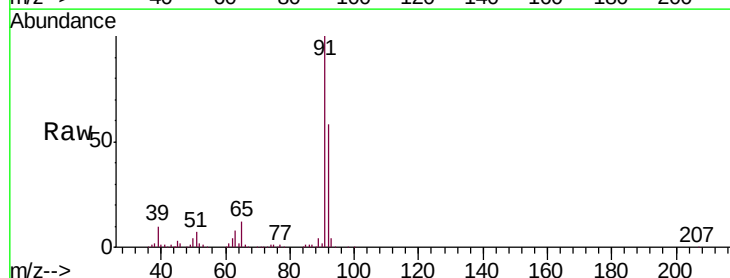
Acq: 29 Jul 2018 13:04

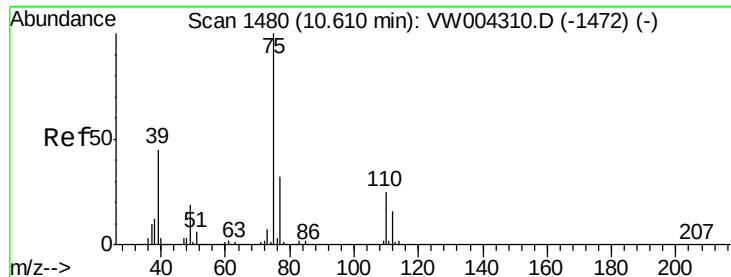
Tgt Ion: 92 Resp: 374237

Ion Ratio Lower Upper

92 100

91 173.7 139.0 208.4





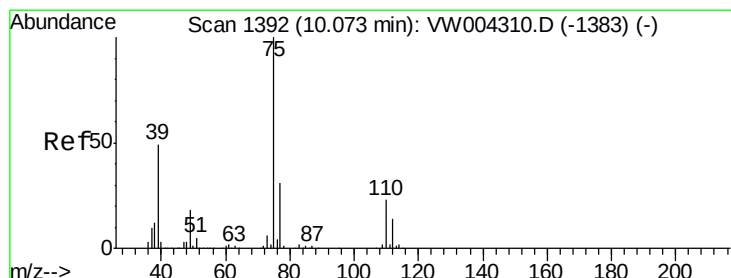
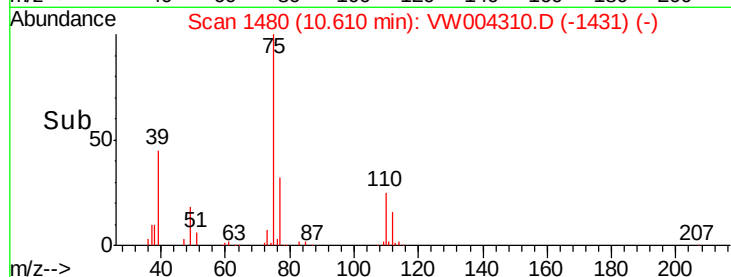
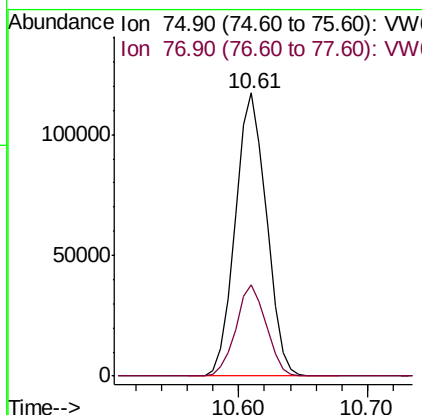
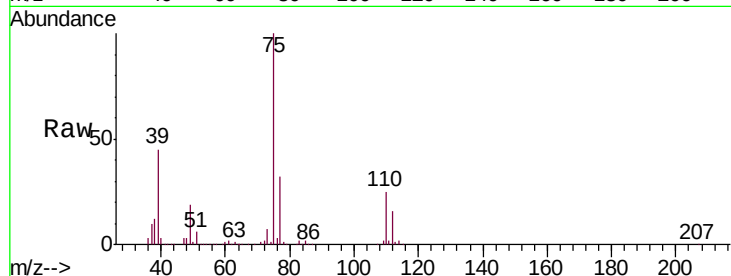
#53
 t-1,3-Dichloropropene
 Concen: 52.36 ug/l
 RT: 10.61 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.8	38.6

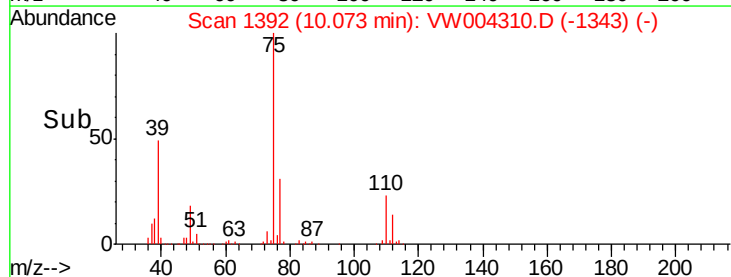
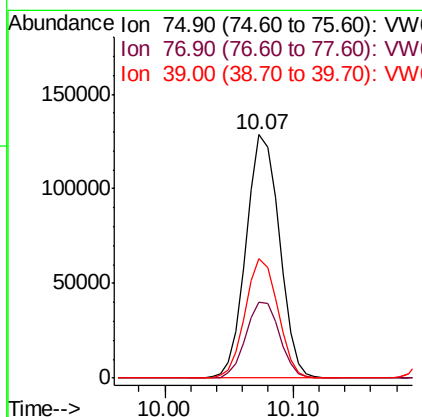
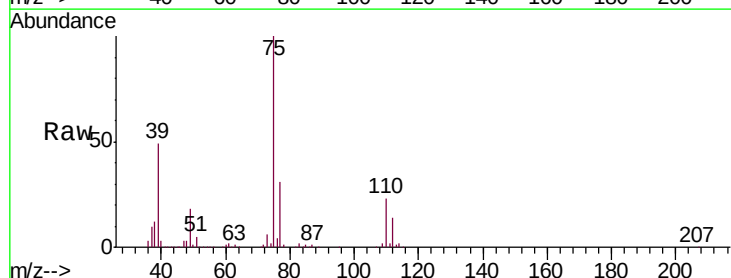
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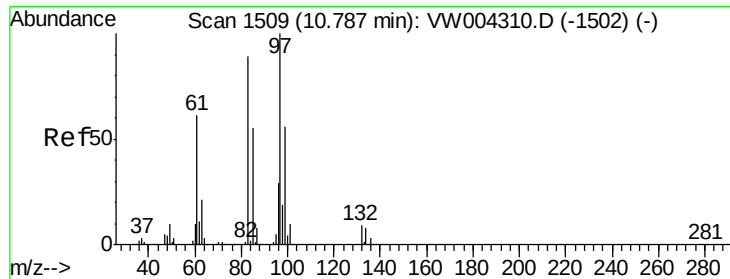
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#54
 cis-1,3-Dichloropropene
 Concen: 52.62 ug/l
 RT: 10.07 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.0	37.4
39	48.8	39.0	58.6





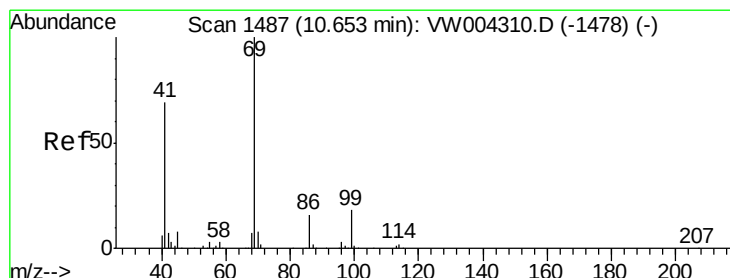
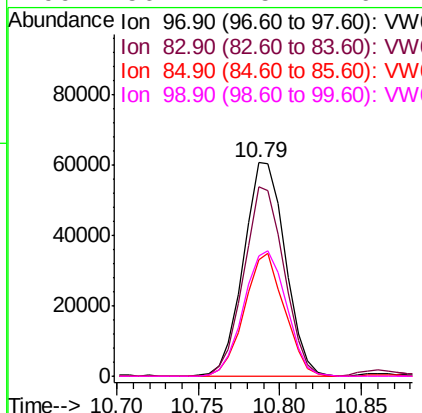
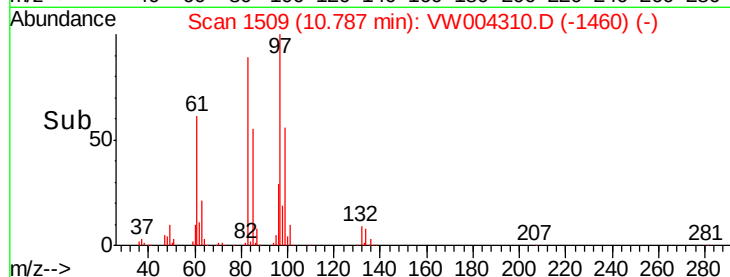
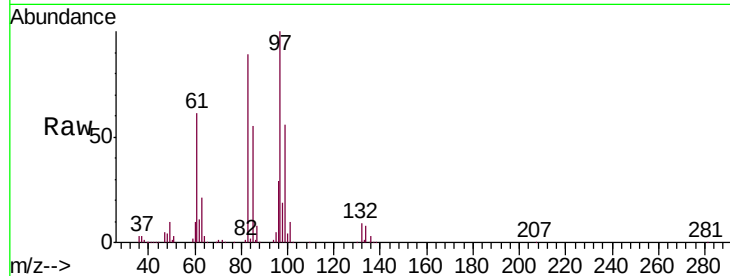
#55
 1,1,2-Trichloroethane
 Concen: 51.39 ug/l
 RT: 10.79 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		108146		
83	88.5	70.8	106.2		
85	54.6	43.7	65.5		
99	56.4	45.1	67.7		

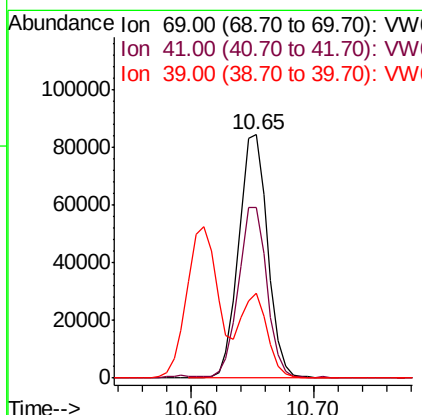
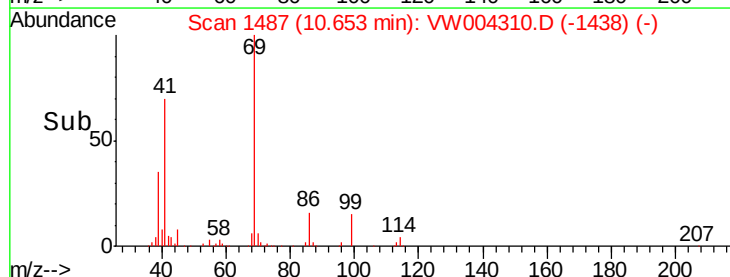
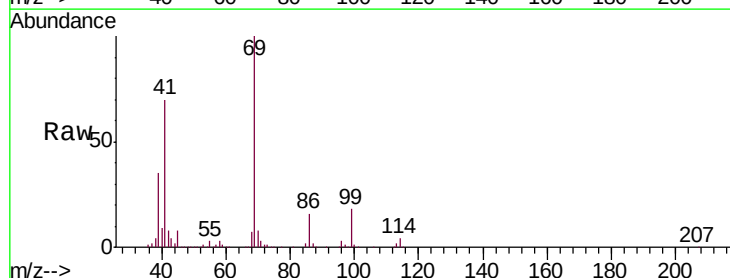
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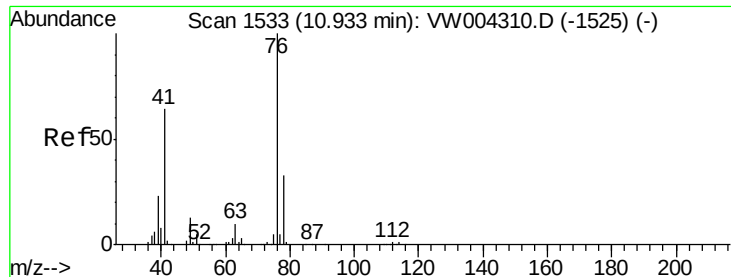
apatel
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#56
 Ethyl methacrylate
 Concen: 54.49 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		138753		
41	68.4	54.7	82.1		
39	30.5	24.4	36.6		





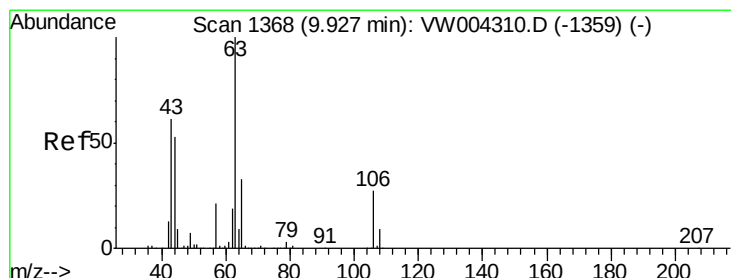
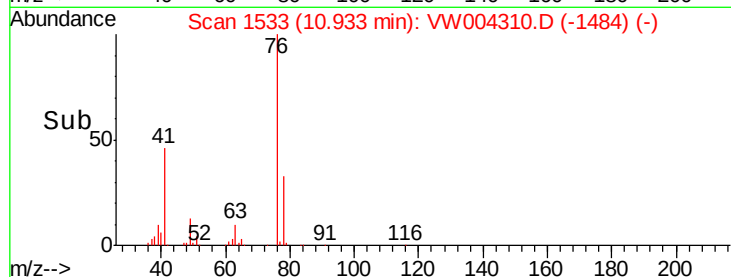
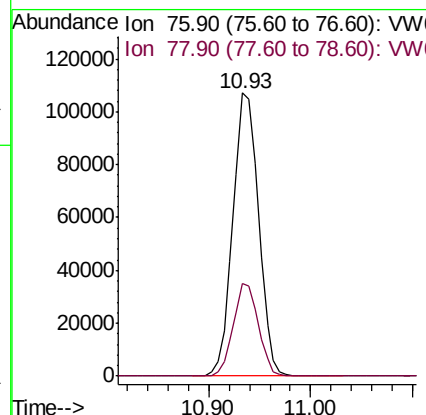
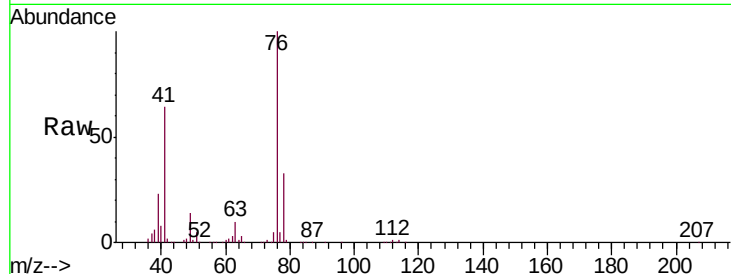
#57
 1,3-Dichloropropane
 Concen: 51.85 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.6	38.4

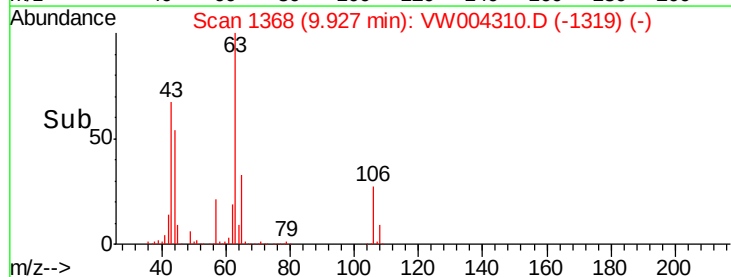
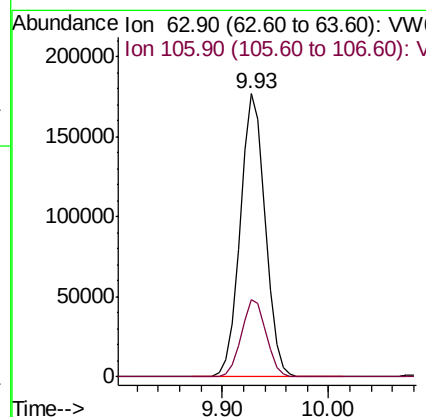
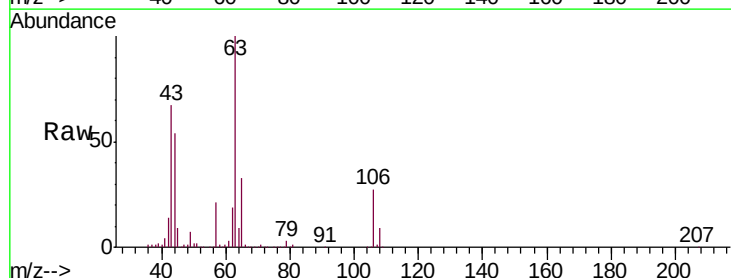
Manual Integrations
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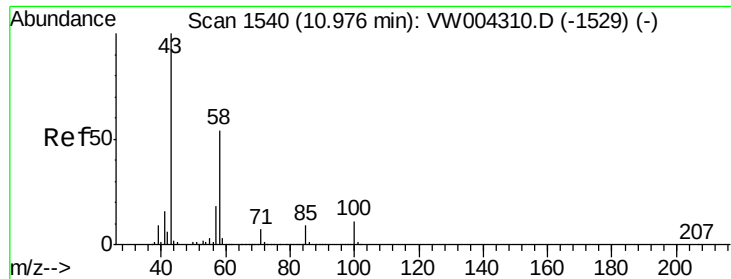
apatel
 7/30/2018 10:32:29 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 257.32 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.4	21.9	32.9





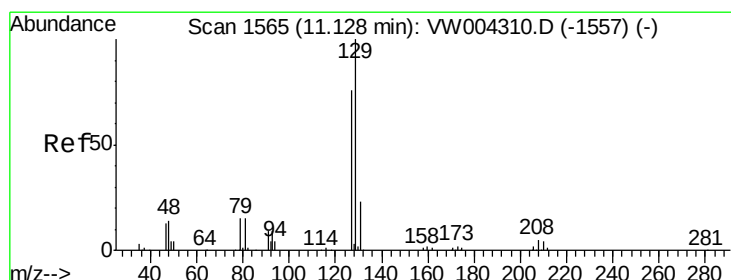
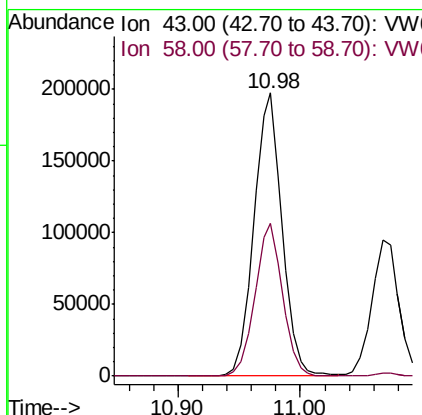
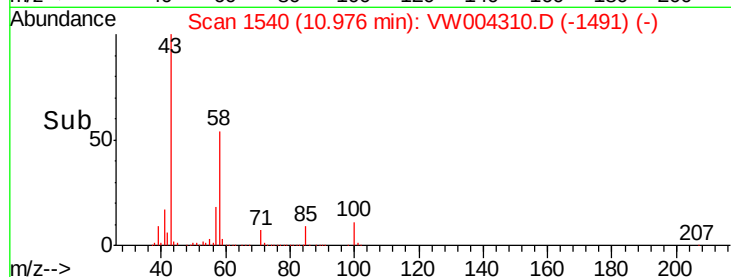
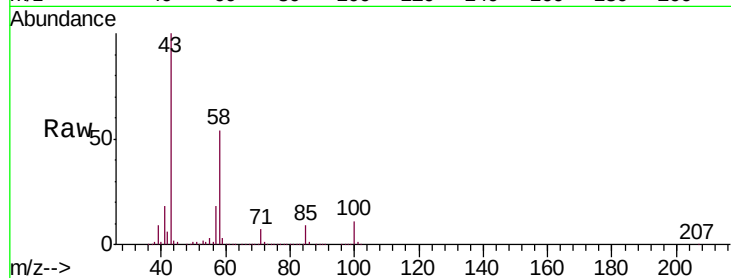
#59
2-Hexanone
Concen: 273.91 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 315847
Ion Ratio Lower Upper
43 100
58 52.9 26.5 79.4

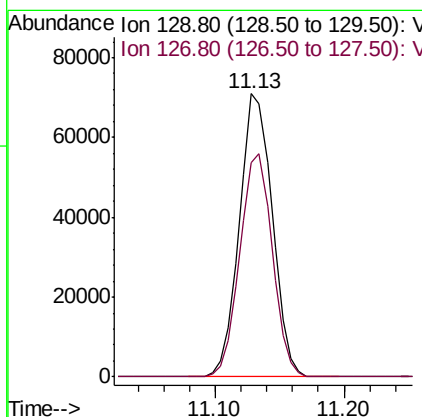
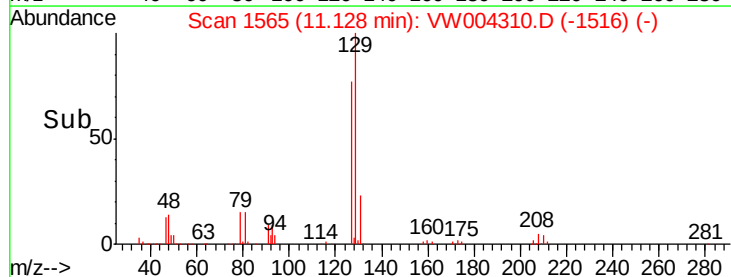
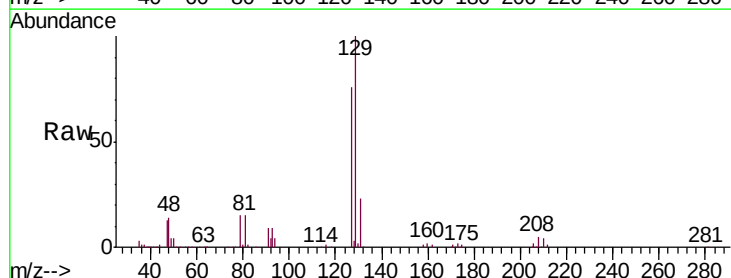
Manual Integrations
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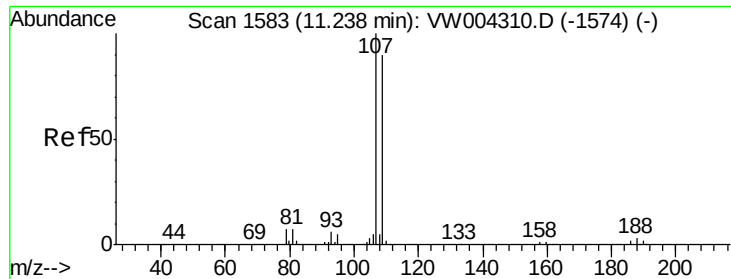
apatel
7/30/2018 10:32:29 AM



#60
Dibromochloromethane
Concen: 49.82 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Tgt Ion: 129 Resp: 125446
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.7





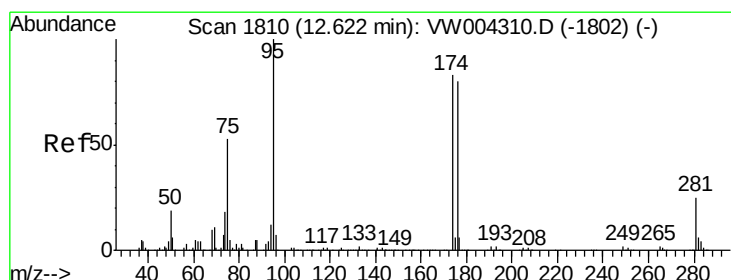
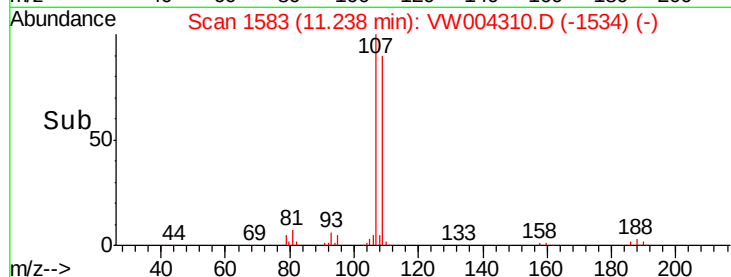
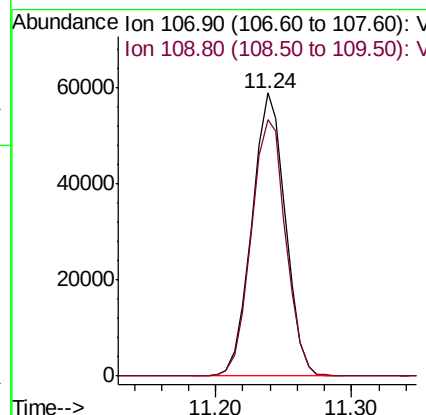
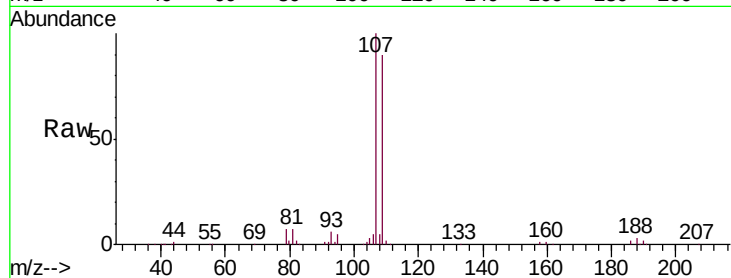
#61
 1,2-Dibromoethane
 Concen: 50.75 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	101829		
109	93.3	74.6	112.0	

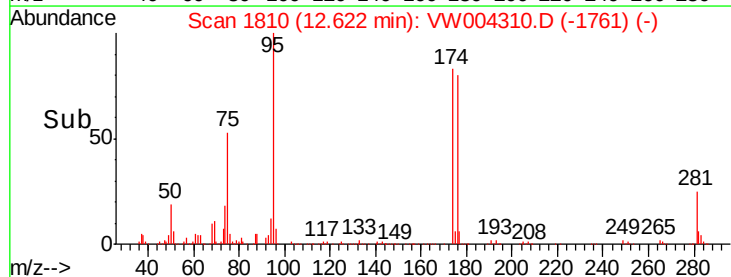
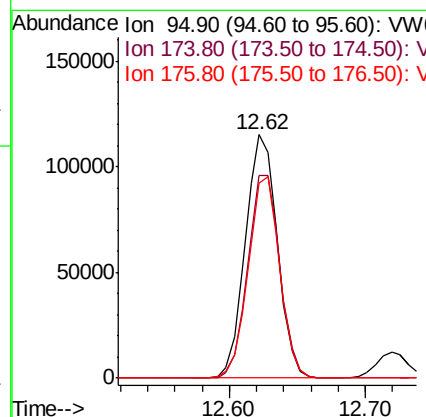
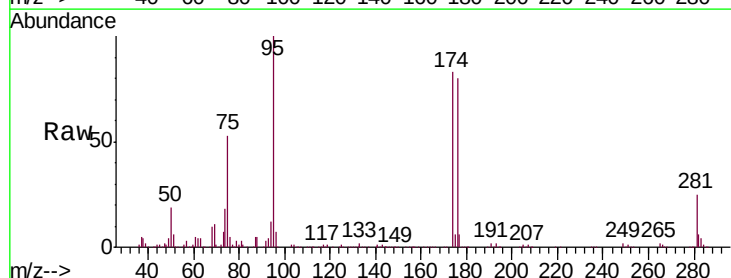
Manual Integrations
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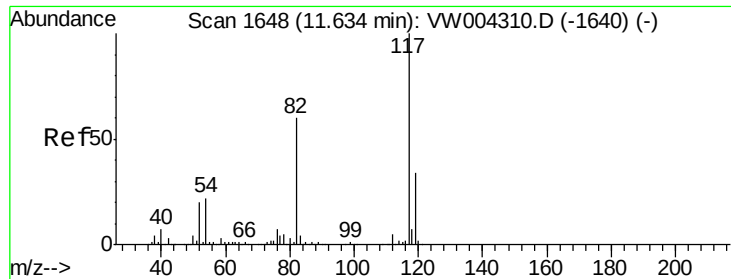
apatel
 7/30/2018 10:32:29 AM



#62
 4-Bromofluorobenzene
 Concen: 52.02 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	189468		
174	83.9	0.0	167.8	
176	81.2	0.0	162.4	





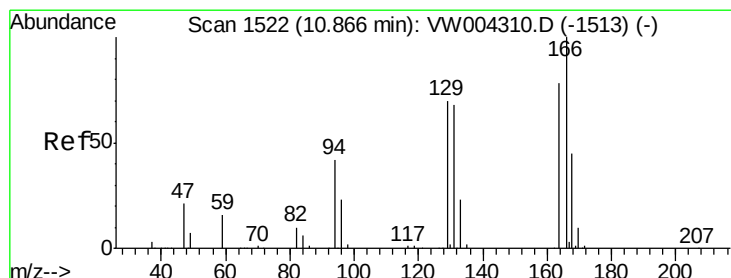
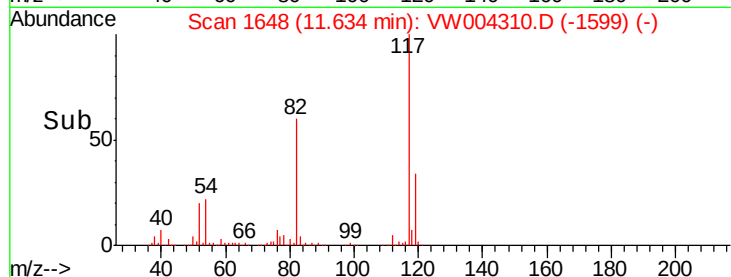
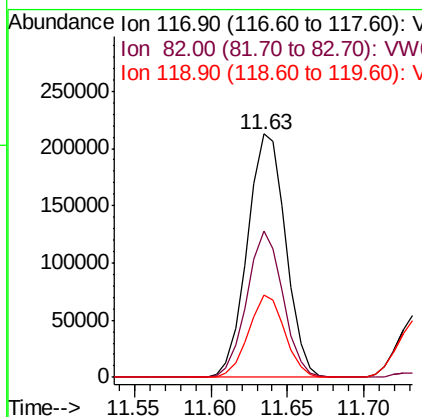
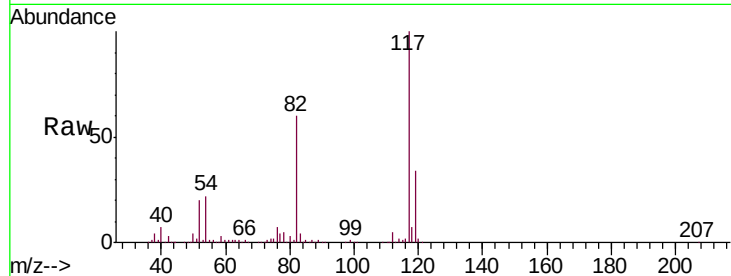
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.9	47.9	71.9
119	33.9	27.1	40.7

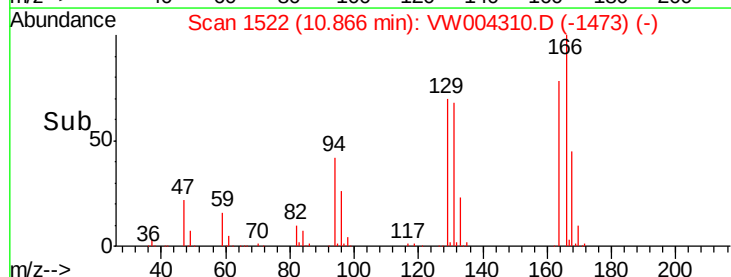
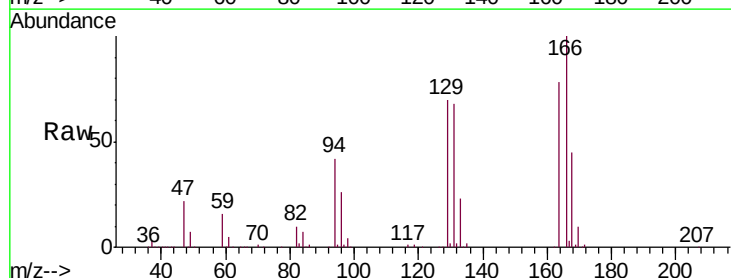
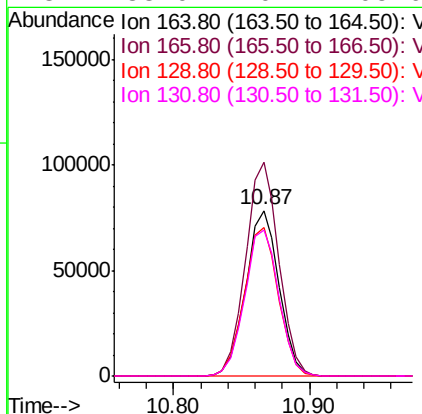
Manual Integrations
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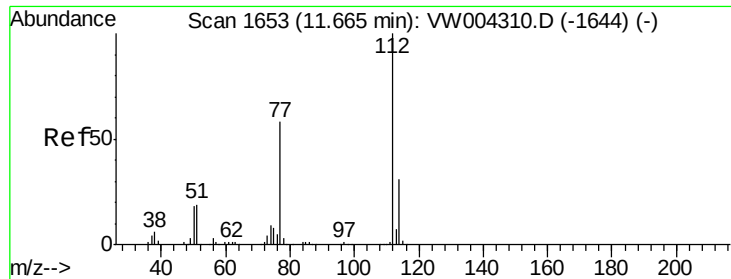
apatel
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#64
Tetrachloroethene
Concen: 49.34 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.0	103.2	154.8
129	90.1	72.1	108.1
131	88.0	70.4	105.6





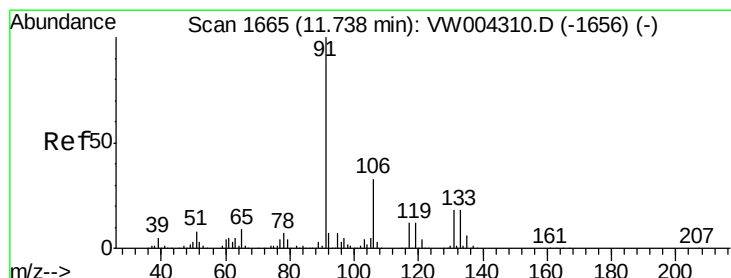
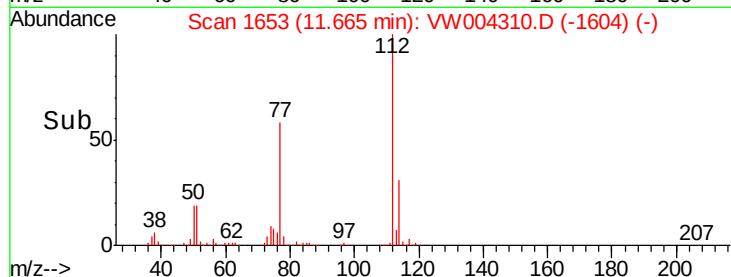
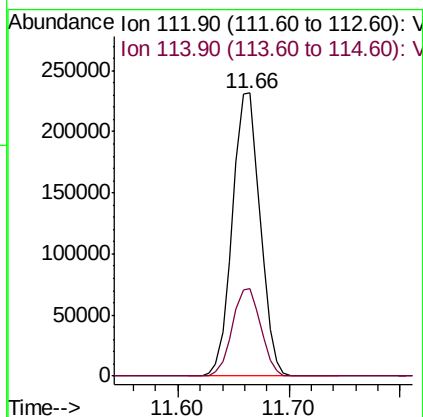
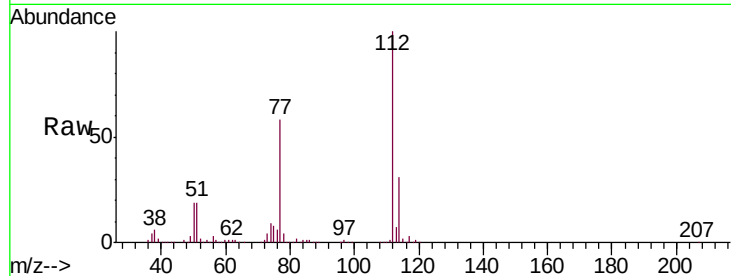
#65
Chlorobenzene
Concen: 51.36 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion:112 Resp: 400008
Ion Ratio Lower Upper
112 100
114 30.9 24.7 37.1

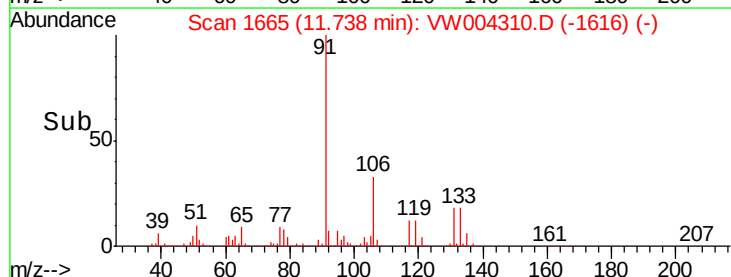
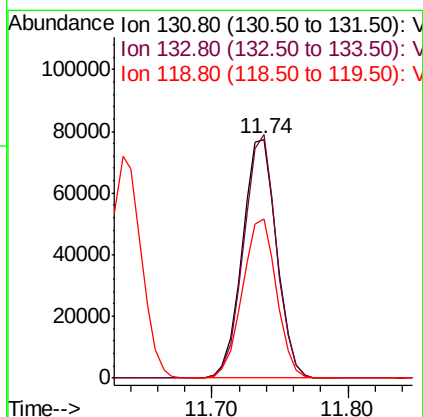
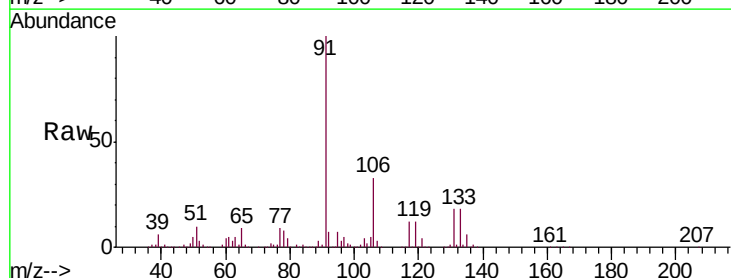
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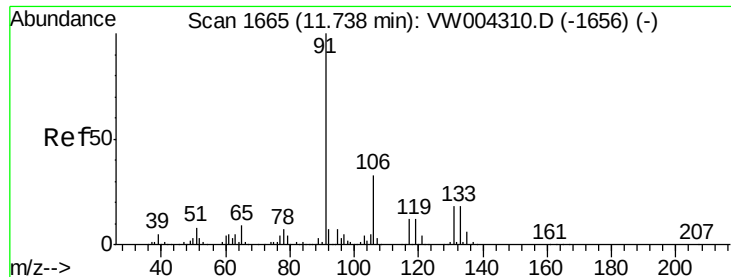
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.57 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Tgt Ion:131 Resp: 136182
Ion Ratio Lower Upper
131 100
133 97.3 48.6 145.9
119 66.3 33.1 99.5





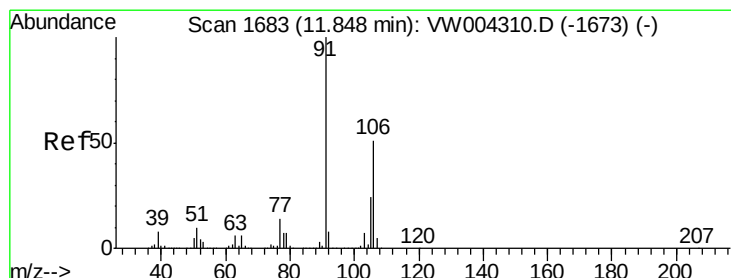
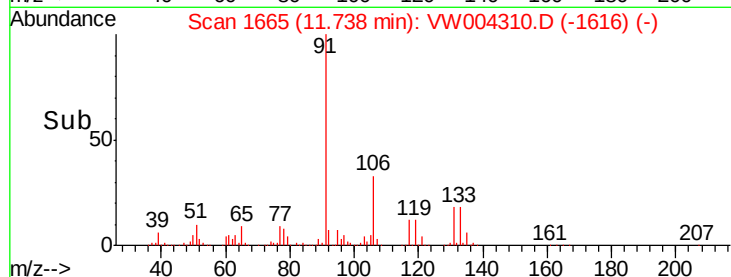
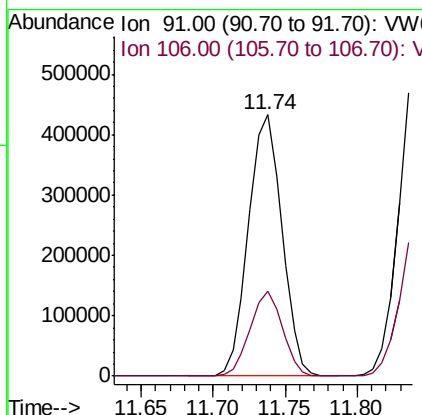
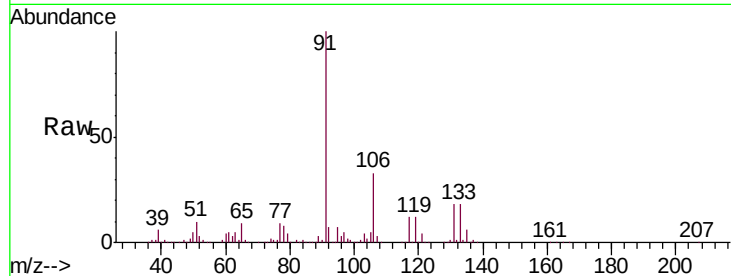
#67
Ethyl Benzene
Concen: 51.36 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion: 91 Resp: 697333
Ion Ratio Lower Upper
91 100
106 32.6 26.1 39.1

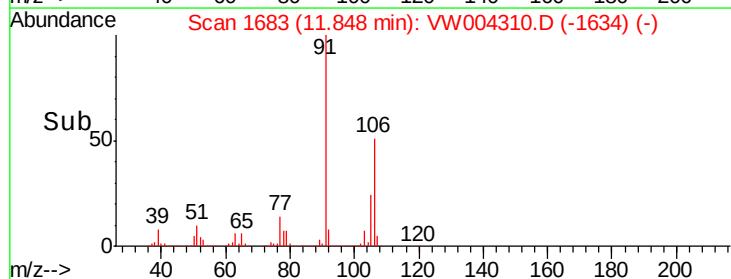
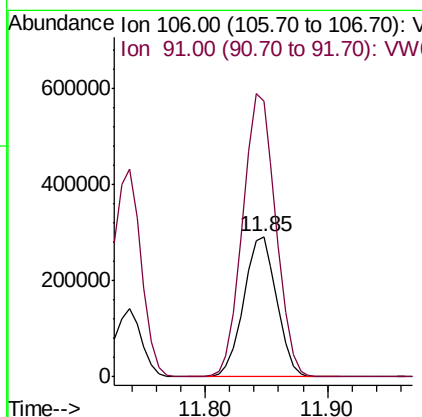
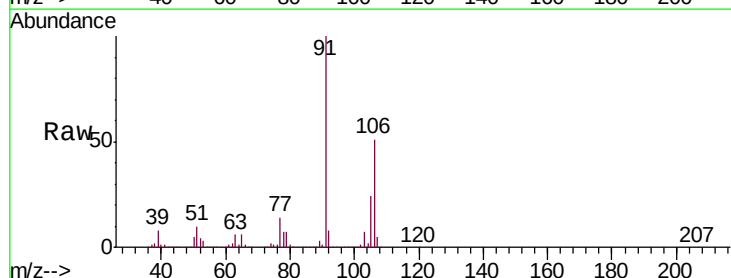
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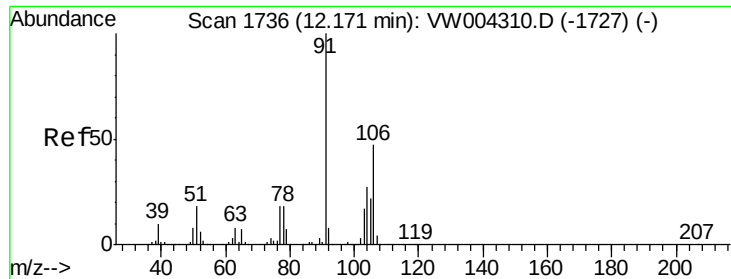
apatel
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#68
m/p-Xylenes
Concen: 104.26 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Tgt Ion: 106 Resp: 544674
Ion Ratio Lower Upper
106 100
91 202.7 162.2 243.2





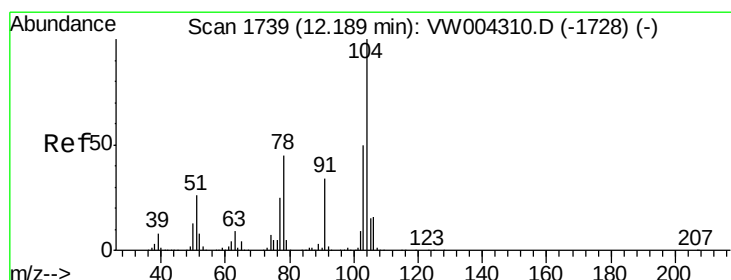
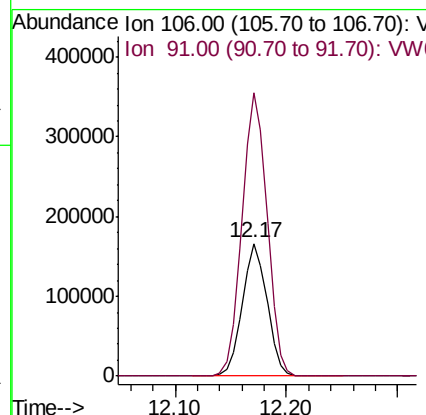
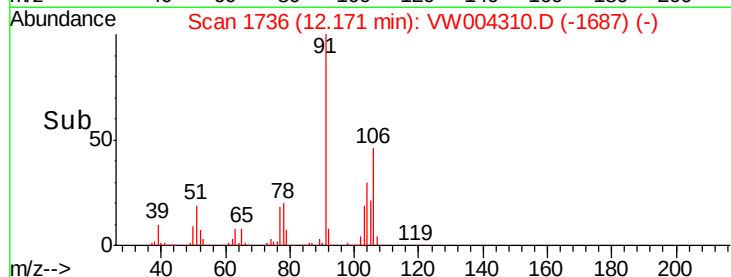
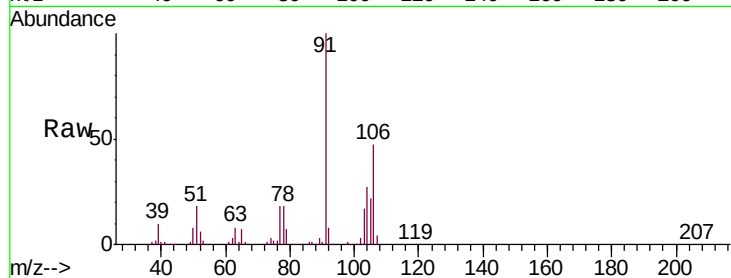
#69
o-Xylene
Concen: 52.97 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion:106 Resp: 255716
Ion Ratio Lower Upper
106 100
91 217.4 108.7 326.1

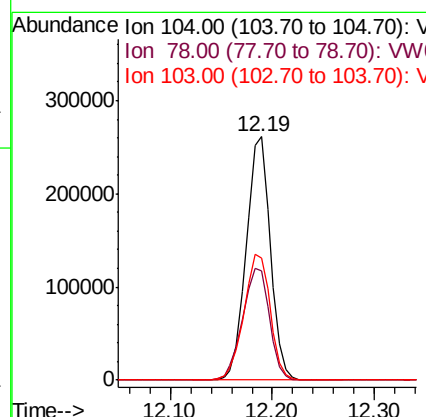
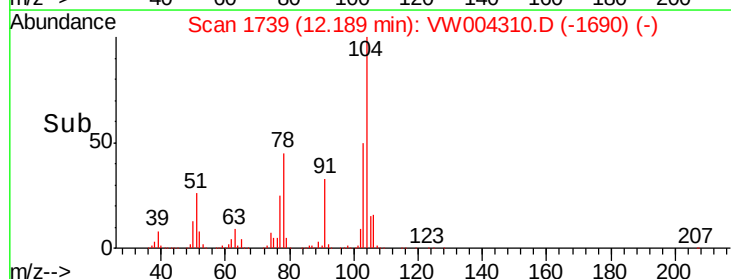
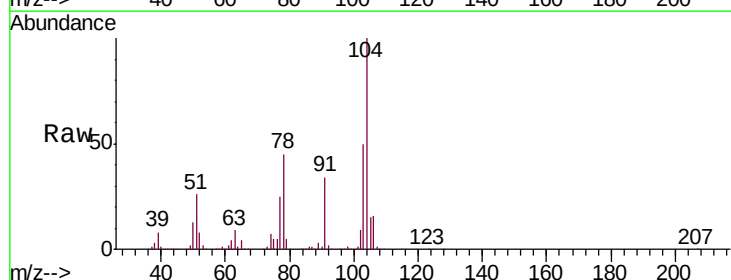
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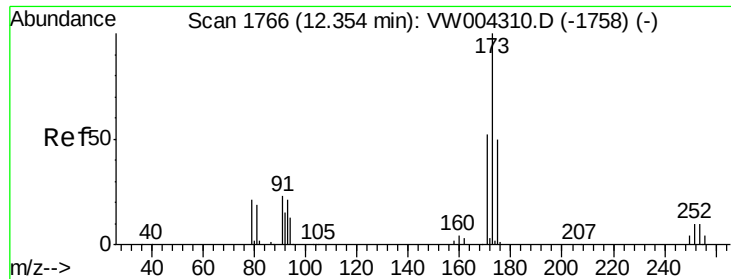
apatel
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#70
Styrene
Concen: 52.52 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Tgt Ion:104 Resp: 428342
Ion Ratio Lower Upper
104 100
78 51.1 40.9 61.3
103 56.3 45.0 67.6





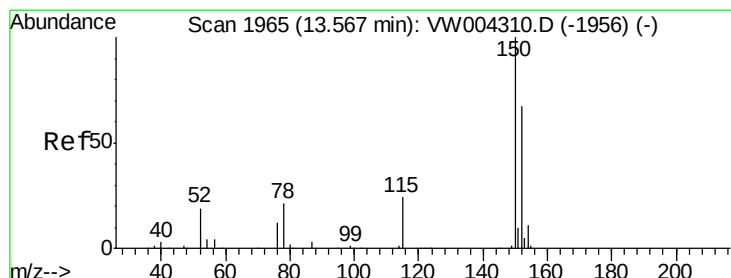
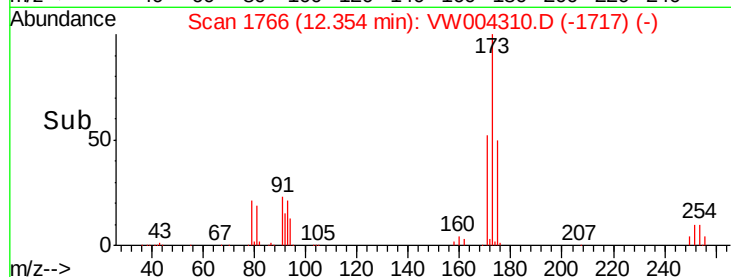
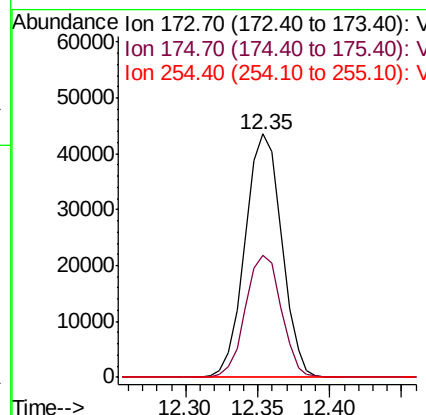
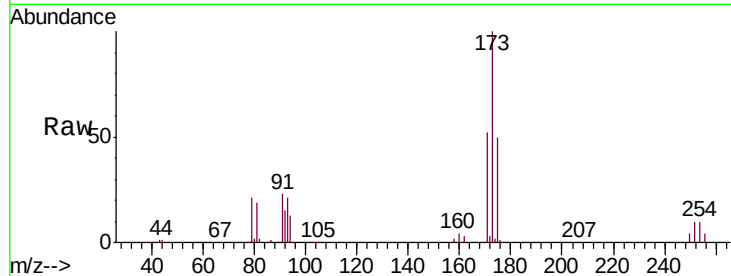
#71
Bromoform
Concen: 49.78 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

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

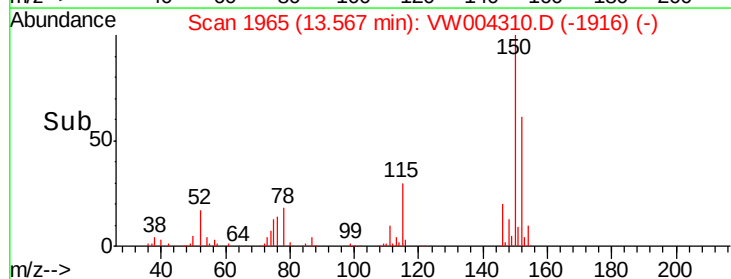
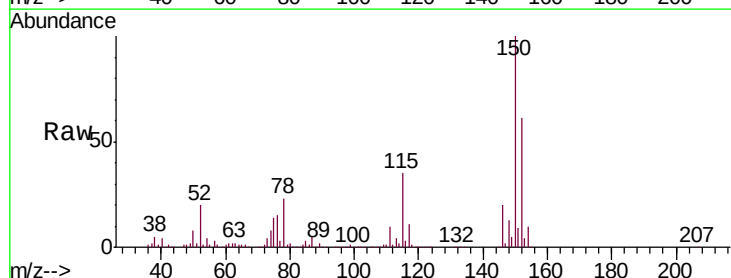
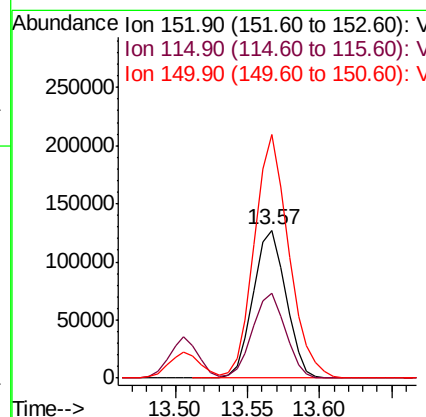
Manual Integrations
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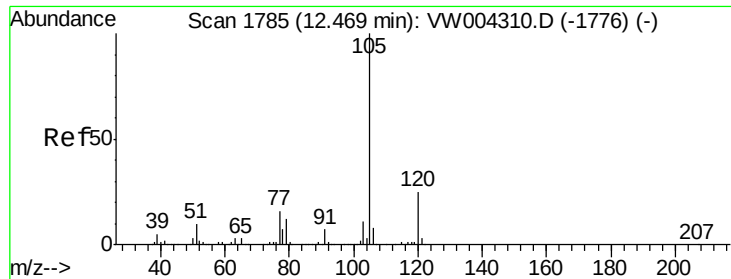
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.6	28.8	86.4
150	173.2	0.0	346.4





#73

Isopropylbenzene

Concen: 50.81 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion:105 Resp: 704530

Ion Ratio Lower Upper

105 100

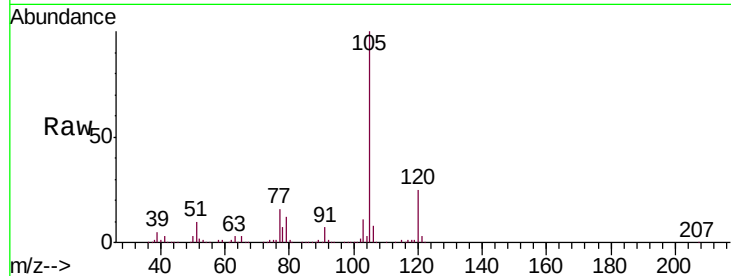
120 26.4 13.2 39.6

Manual Integrations

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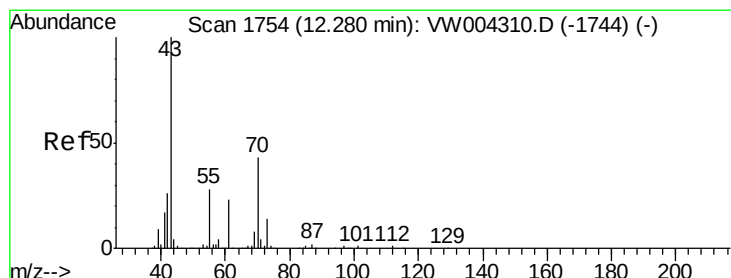
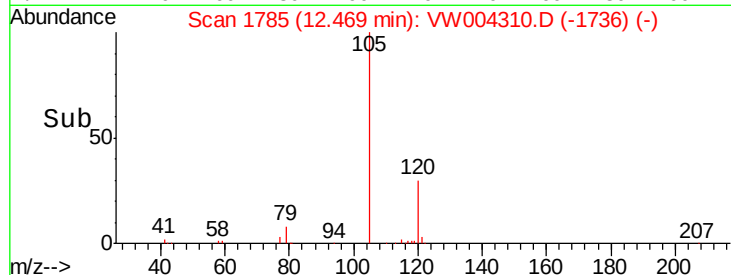
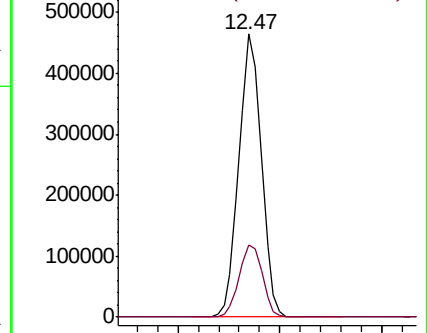
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.38 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Tgt Ion: 43 Resp: 157379

Ion Ratio Lower Upper

43 100

70 42.8 34.2 51.4

55 27.3 21.8 32.8

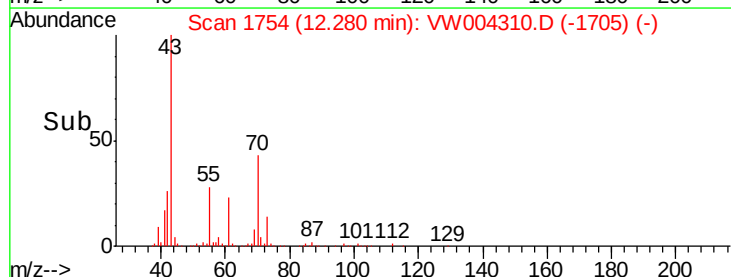
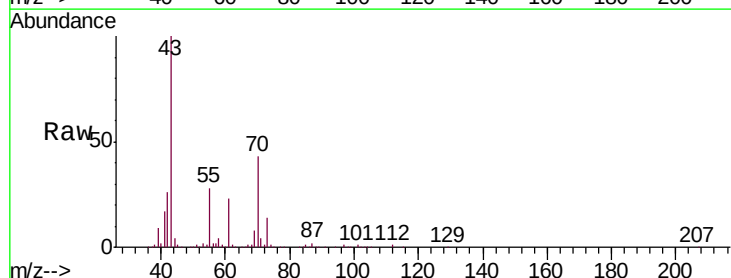
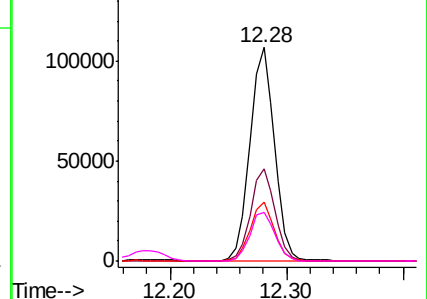
61 23.6 18.9 28.3

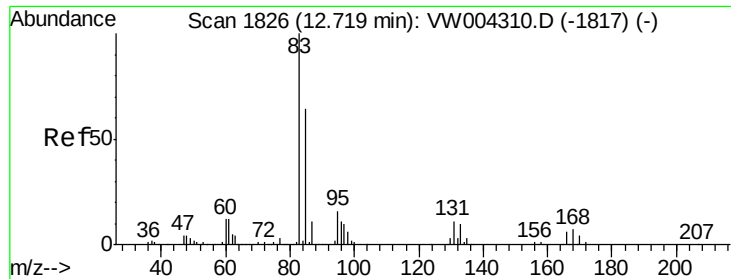
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 51.20 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Instrument :

MSVOA_W

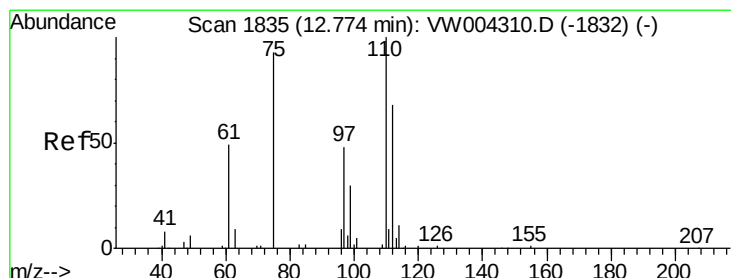
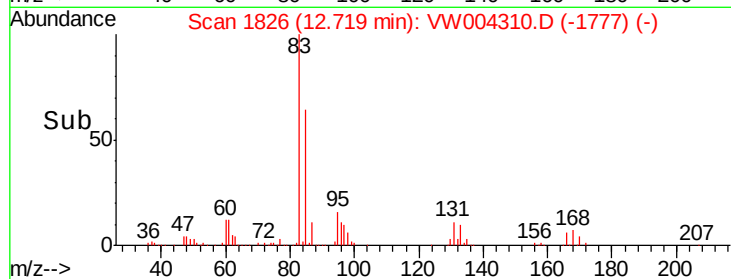
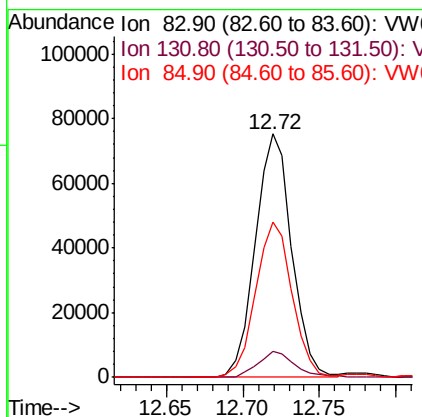
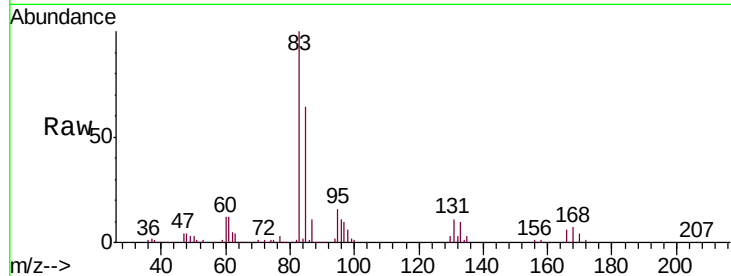
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	124380
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.5	16.4
85	63.9	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 33.61 ug/l m

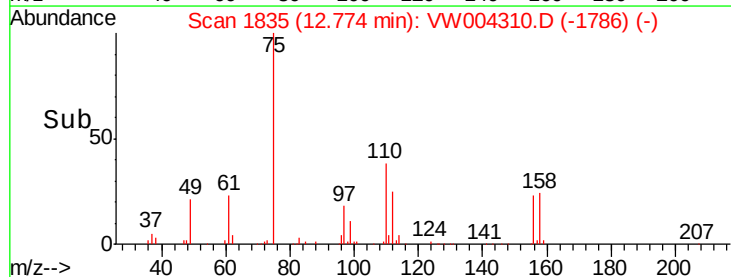
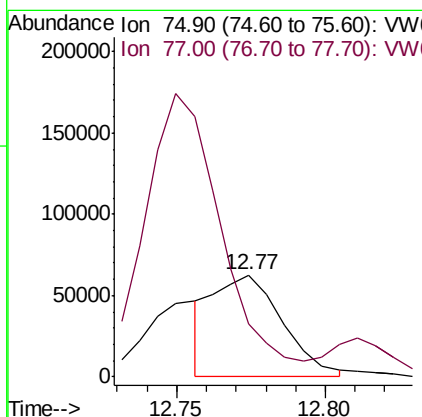
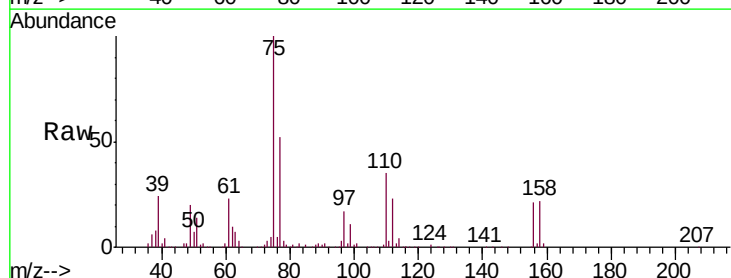
RT: 12.77 min Scan# 1835

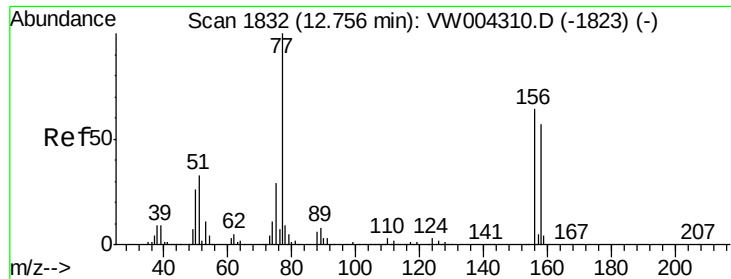
Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Tgt Ion:	75	Resp:	102441
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.46 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Instrument :

MSVOA_W

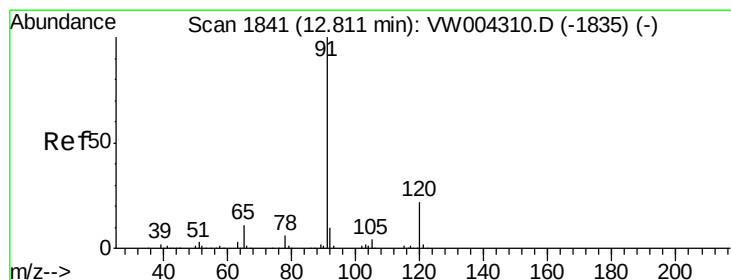
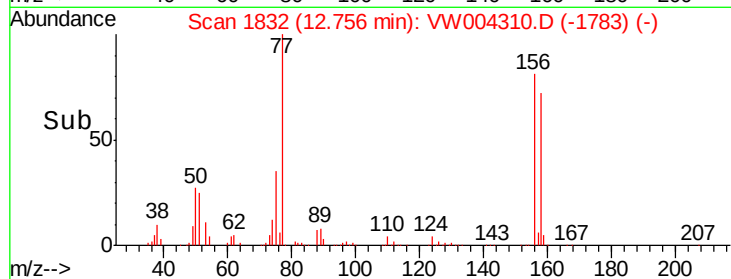
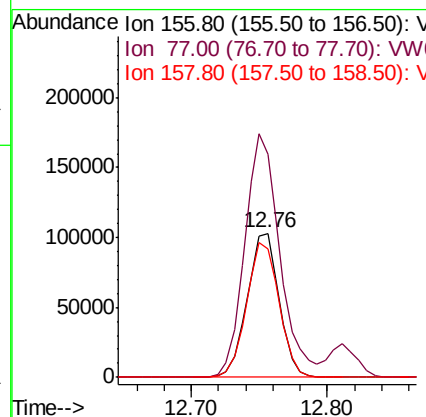
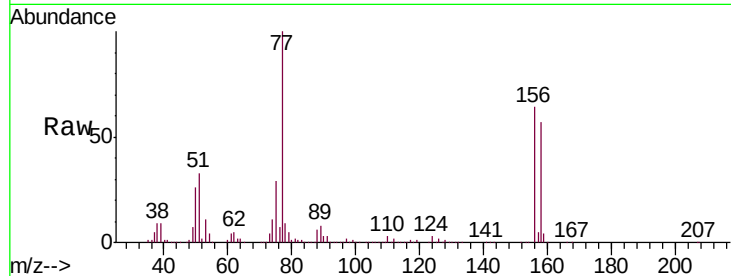
ClientSampled :

VSTDICCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	185.8	92.9	278.7
158	95.2	47.6	142.8

Manual Integrations
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#78

n-propylbenzene

Concen: 52.57 ug/l

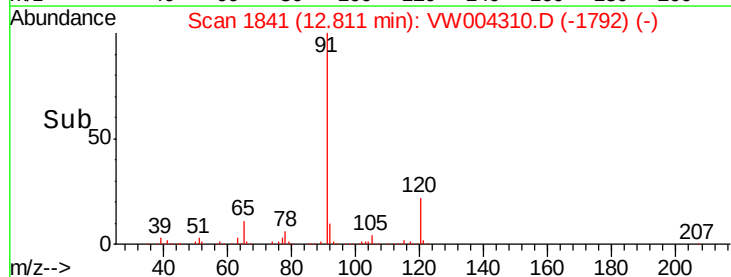
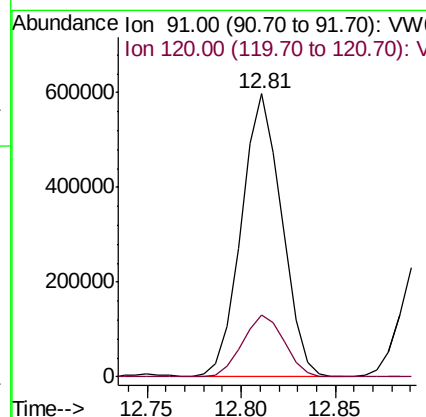
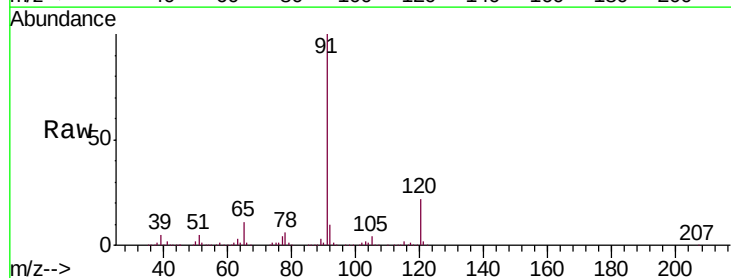
RT: 12.81 min Scan# 1841

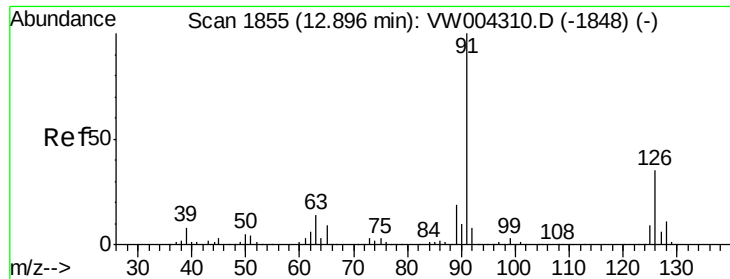
Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.3	33.8





#79

2-Chlorotoluene

Concen: 51.53 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion: 91 Resp: 497903

Ion Ratio Lower Upper

91 100

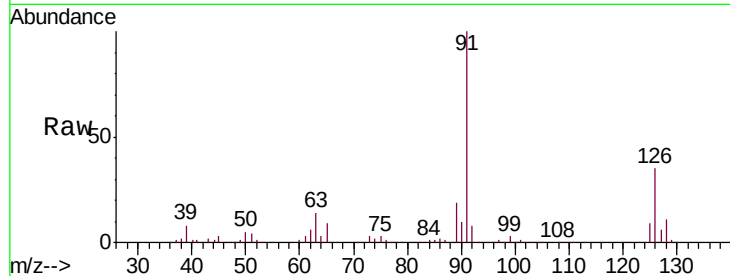
126 34.1 17.1 51.2

Manual Integrations

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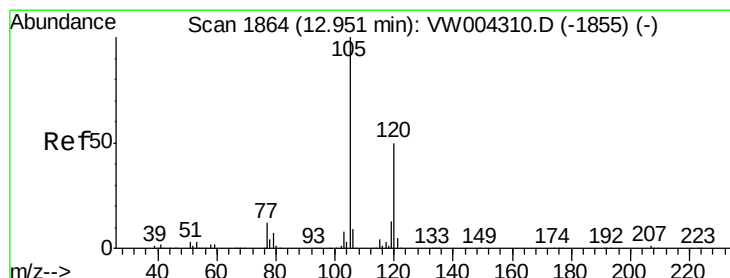
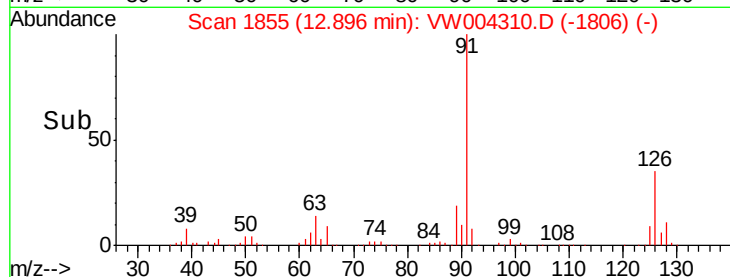
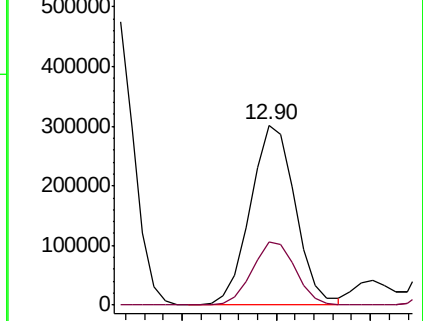
apatel

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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: 51.10 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004310.D

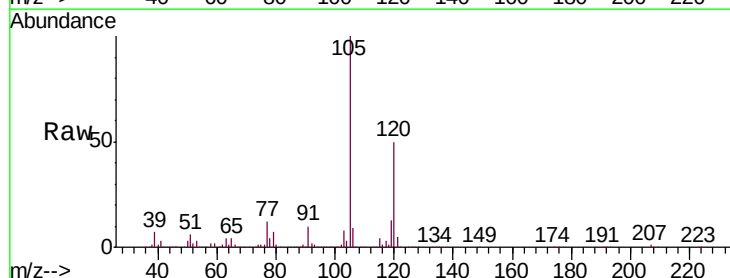
Acq: 29 Jul 2018 13:04

Tgt Ion:105 Resp: 610394

Ion Ratio Lower Upper

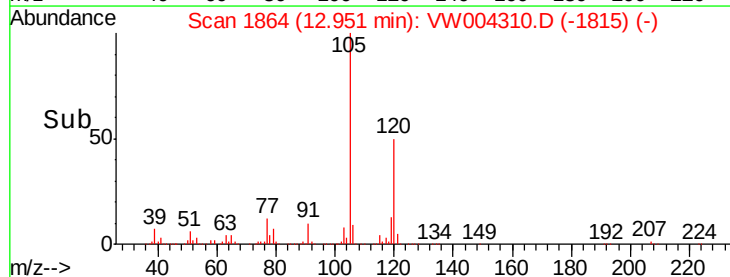
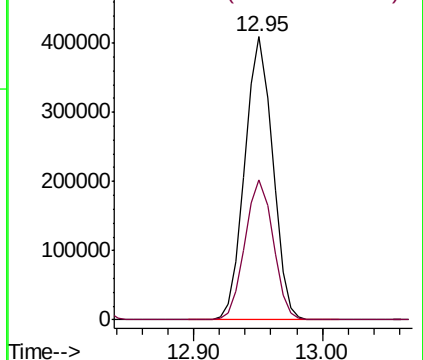
105 100

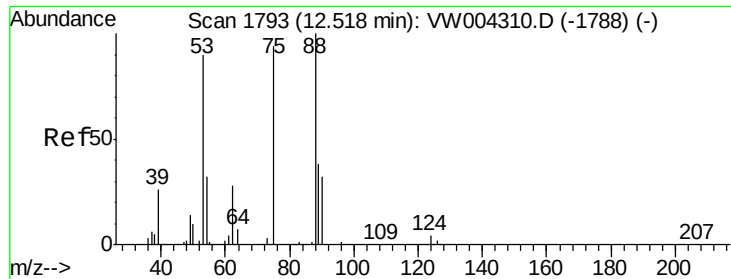
120 50.1 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





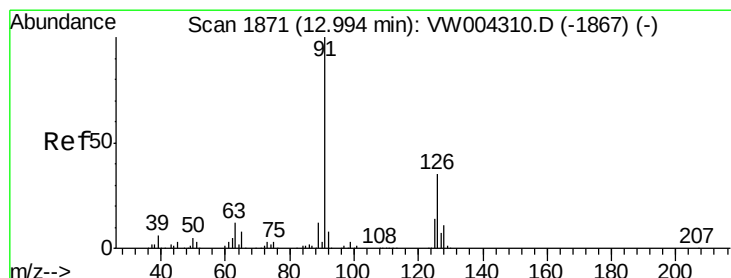
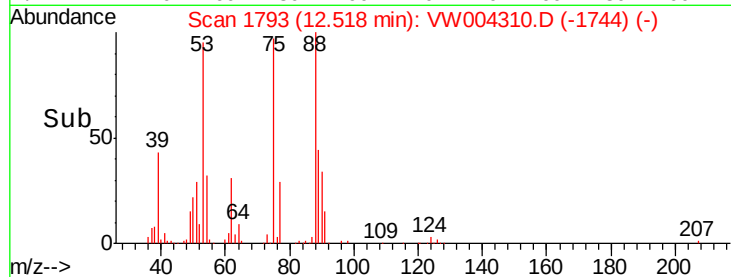
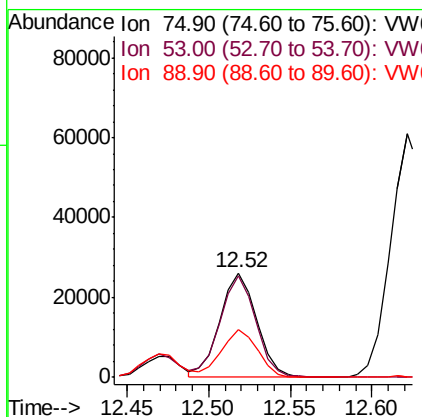
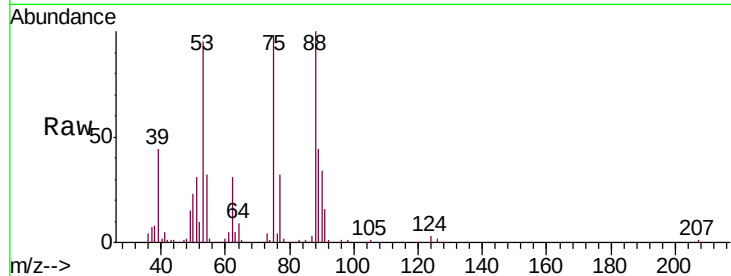
#81
trans-1,4-Dichloro-2-butene
Concen: 51.74 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.0	77.6	116.4
89	45.0	36.0	54.0

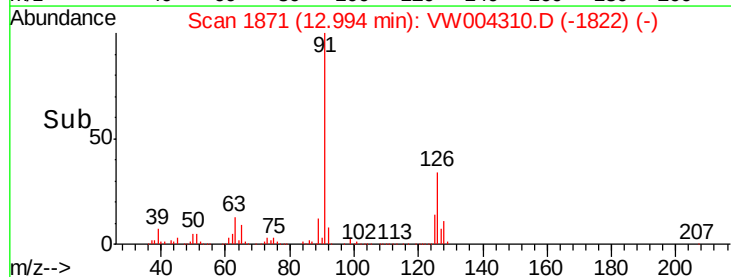
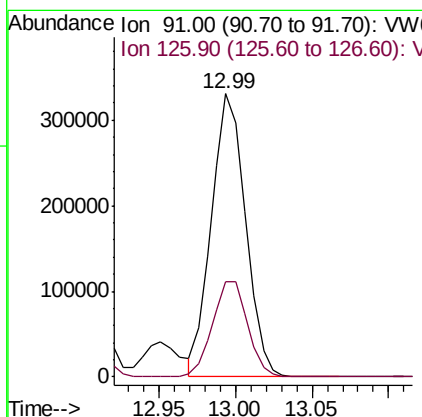
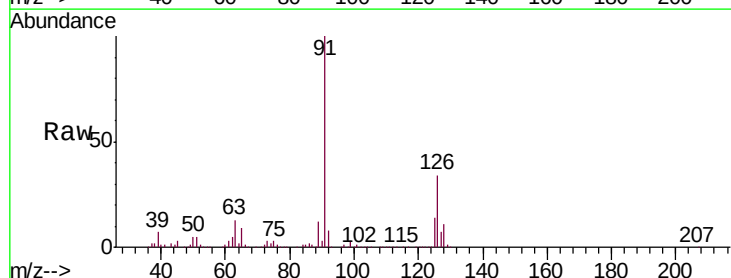
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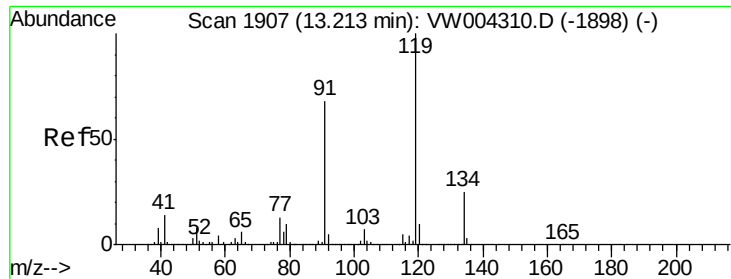
apatel
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#82
4-Chlorotoluene
Concen: 50.07 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.9	17.4	52.3





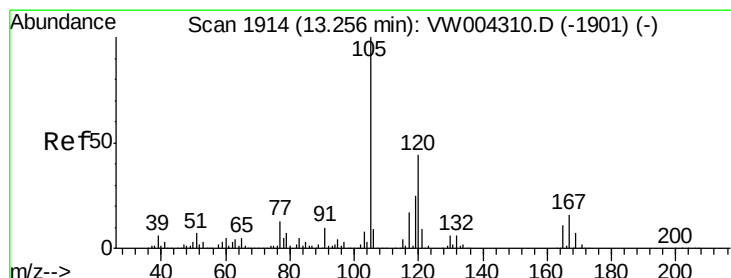
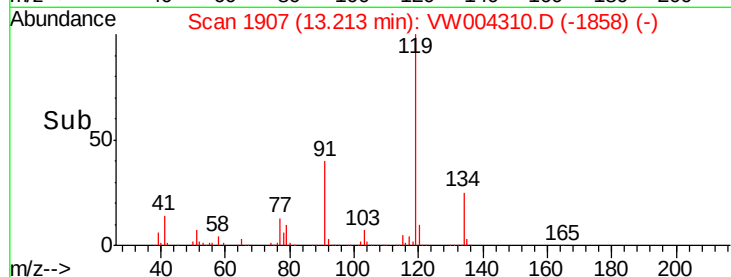
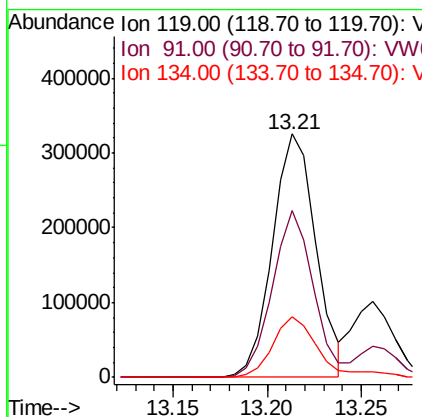
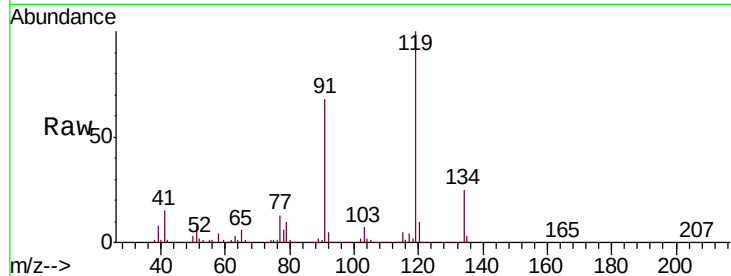
#83
 tert-Butylbenzene
 Concen: 52.27 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.5	32.8	98.3
134	24.4	12.2	36.6

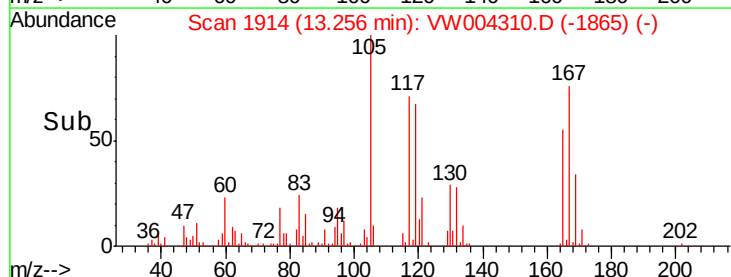
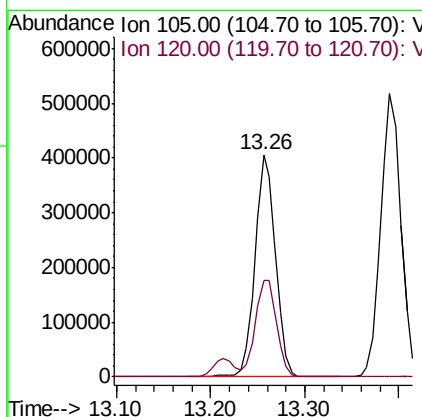
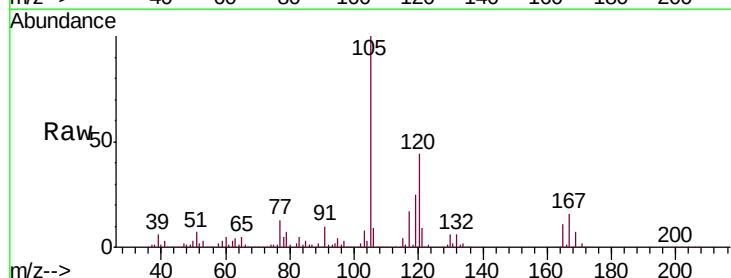
Manual Integrations
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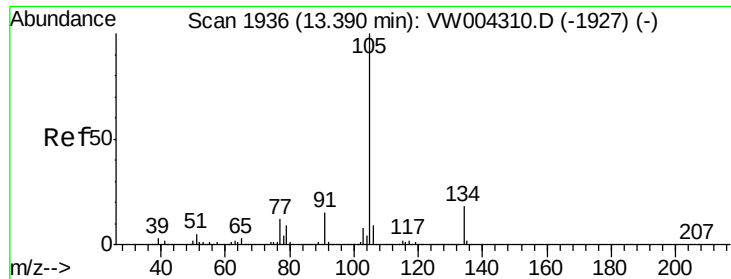
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.10 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.7	68.0





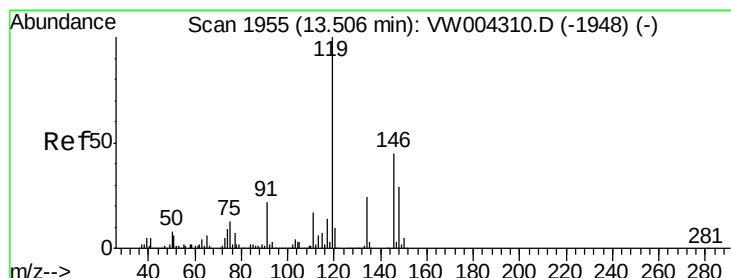
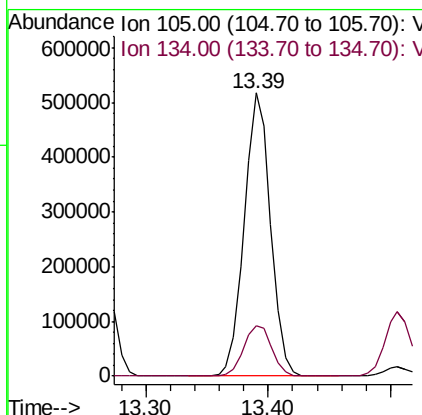
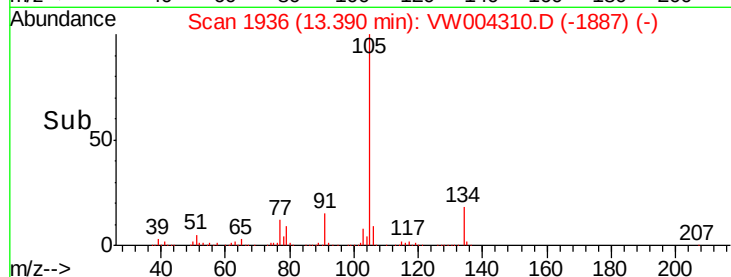
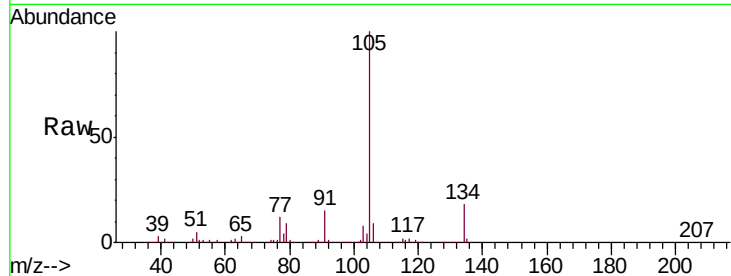
#85
 sec-Butylbenzene
 Concen: 52.92 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.2	9.6	28.8

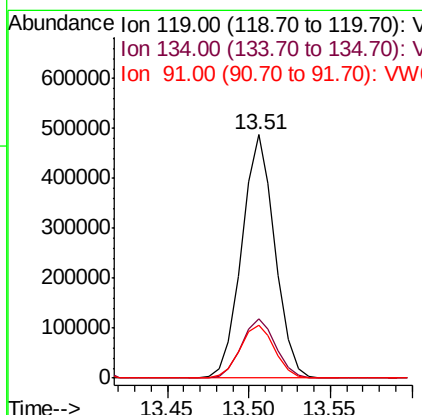
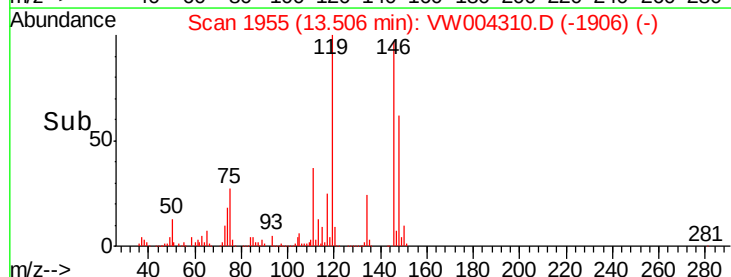
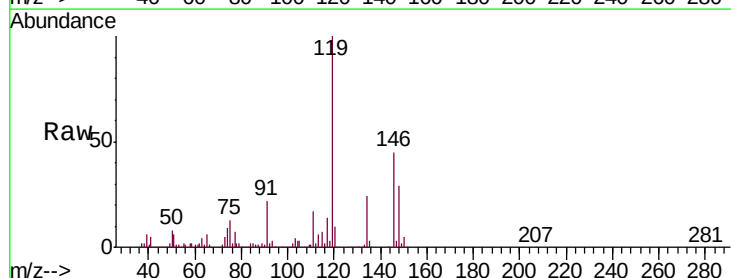
Manual Integrations
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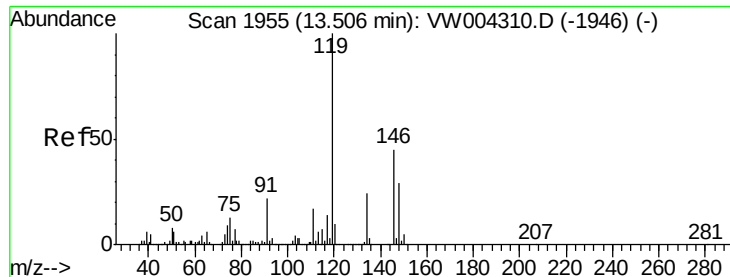
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#86
 p-Isopropyltoluene
 Concen: 52.64 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.2	12.6	37.8
91	22.6	11.3	33.9





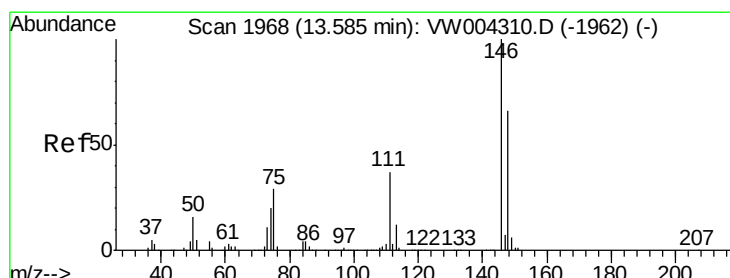
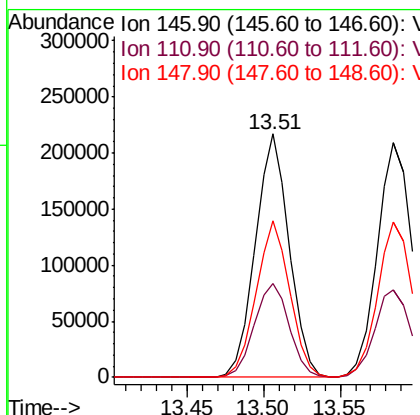
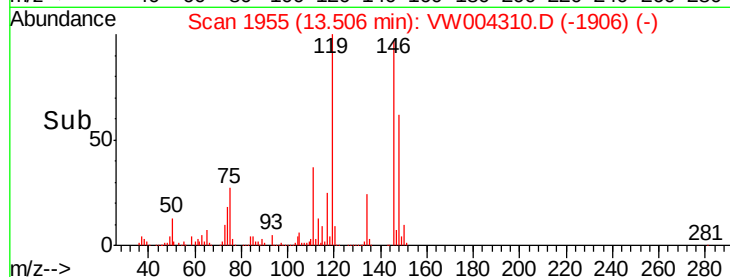
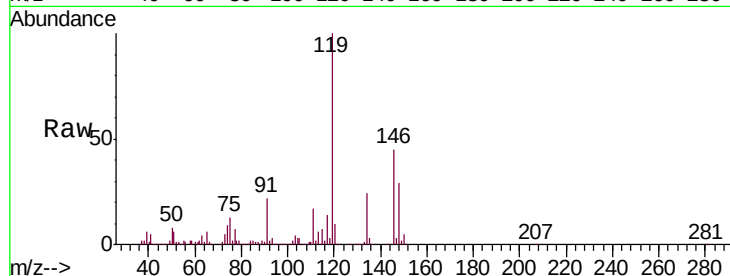
#87
1,3-Dichlorobenzene
Concen: 49.91 ug/l
RT: 13.51 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.9	59.6
148	63.7	31.9	95.5

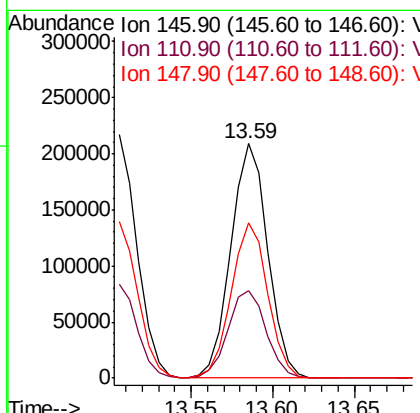
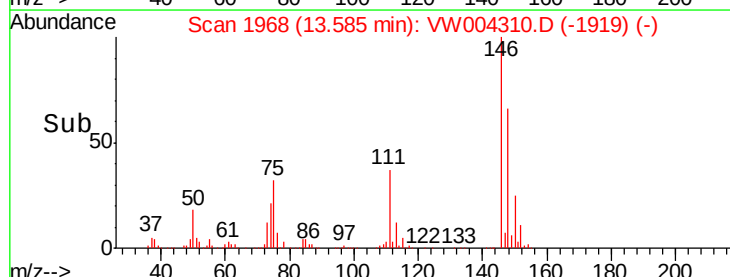
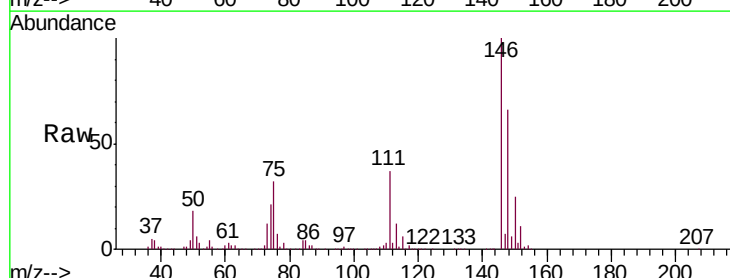
Manual Integrations
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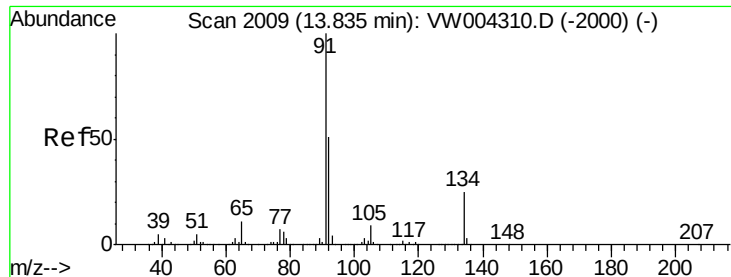
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#88
1,4-Dichlorobenzene
Concen: 49.15 ug/l
RT: 13.59 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.4	58.1
148	65.5	32.8	98.3





#89

n-Butylbenzene

Concen: 52.38 ug/l

RT: 13.84 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Instrument :

MSVOA_W

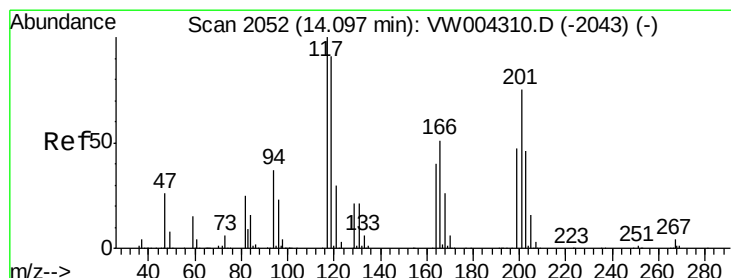
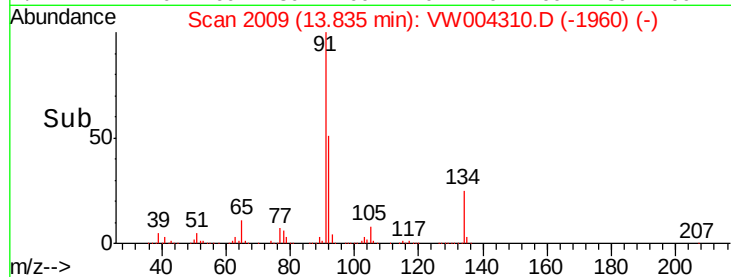
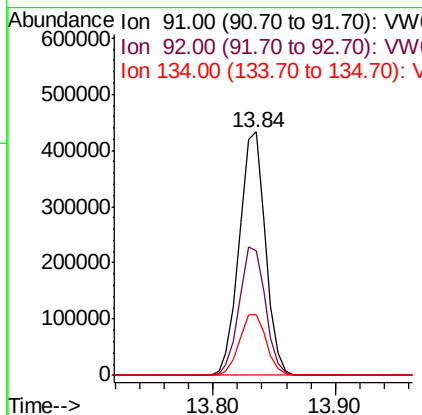
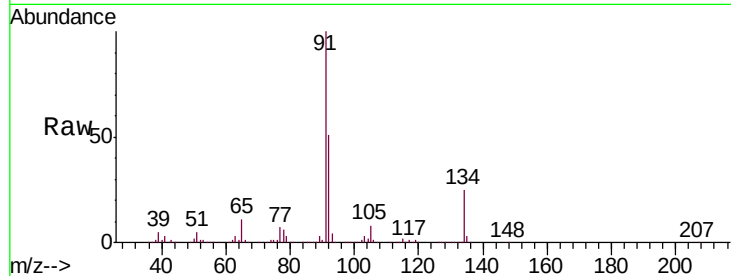
ClientSampleId :

VSTDICCC050

Tot Ion:	91	Resp:	638655
Ion Ratio	Lower	Upper	
91	100		
92	52.8	26.4	79.2
134	25.7	12.9	38.6

Manual Integrations
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#90

Hexachloroethane

Concen: 50.60 ug/l

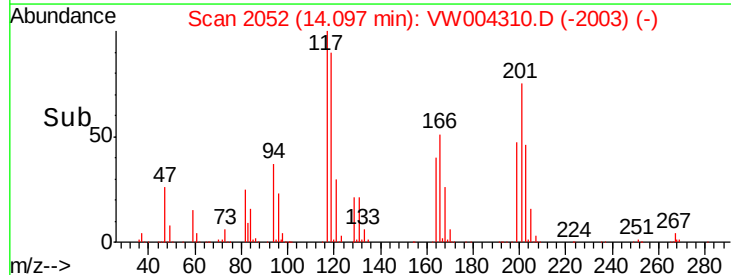
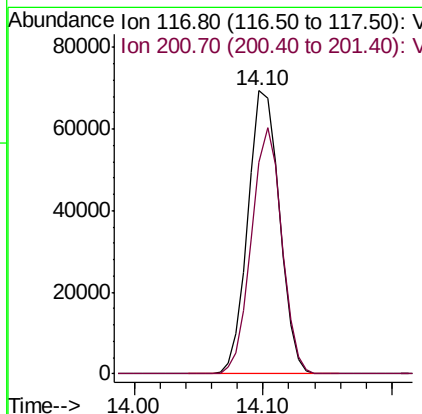
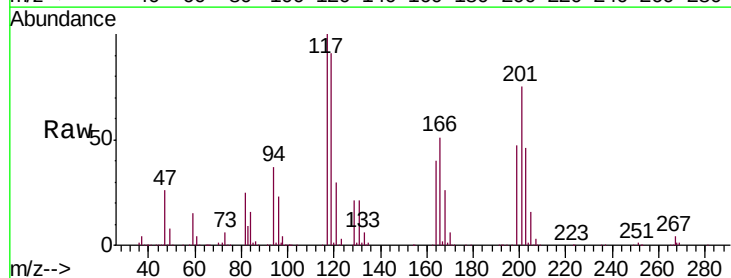
RT: 14.10 min Scan# 2052

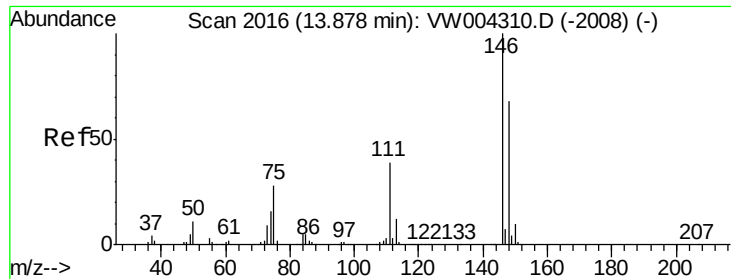
Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Tgt Ion:	117	Resp:	117819
Ion Ratio	Lower	Upper	
117	100		
201	83.0	41.5	124.5





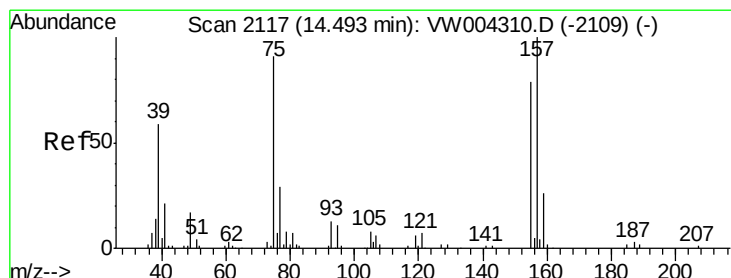
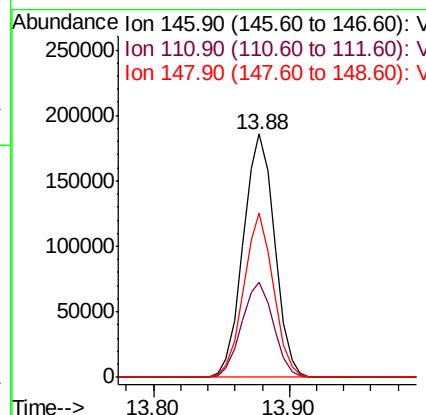
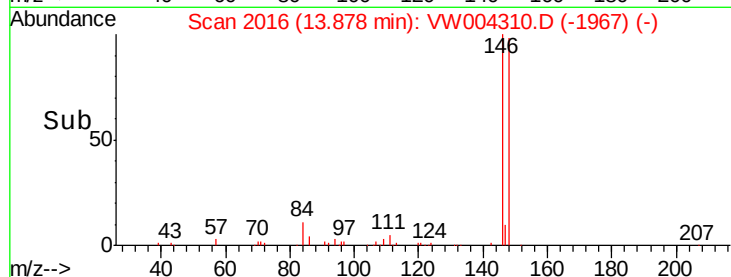
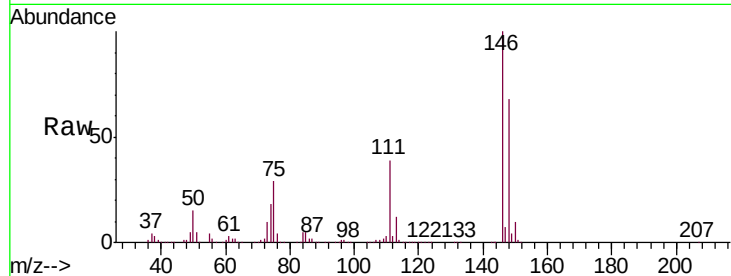
#91
 1,2-Dichlorobenzene
 Concen: 49.97 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.7	59.1
148	64.0	32.0	96.0

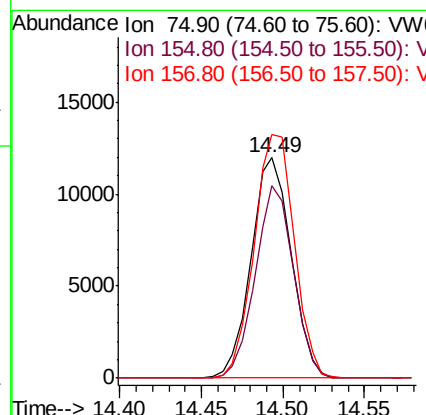
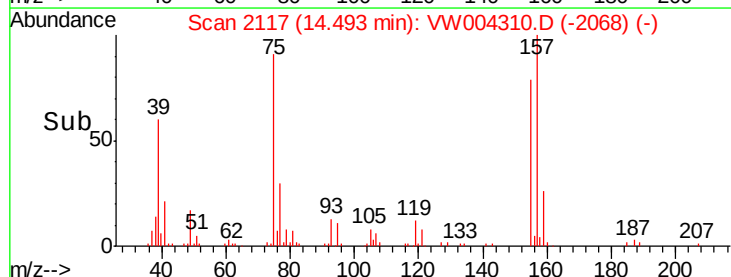
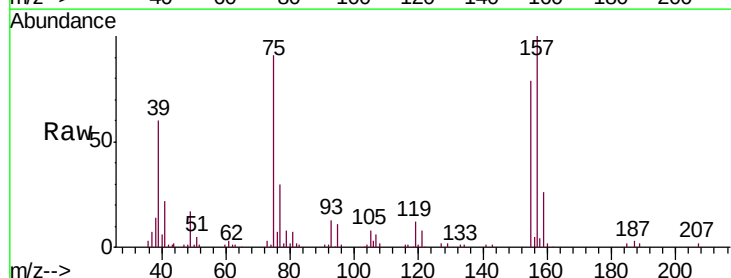
Manual Integrations
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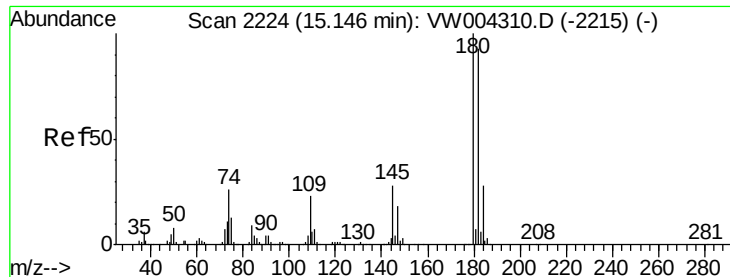
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.28 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.9	41.4	124.4
157	110.4	55.2	165.6





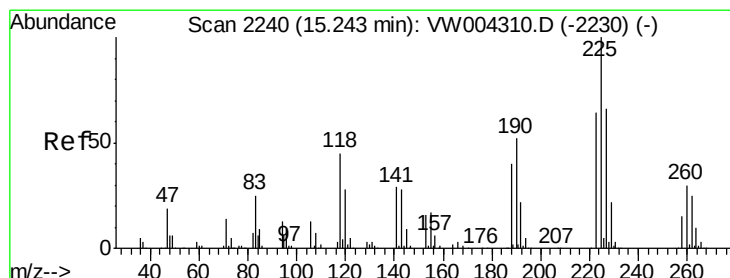
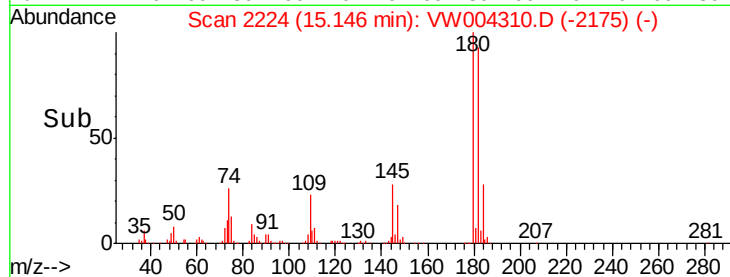
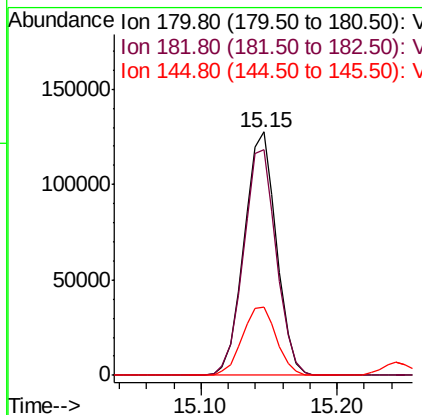
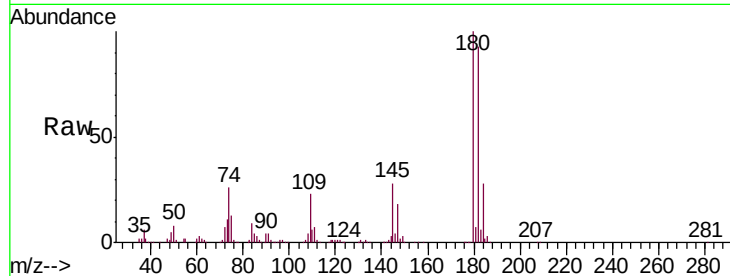
#93
 1,2,4-Trichlorobenzene
 Concen: 50.10 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	211155		
182	94.5	47.3	141.8	
145	29.6	14.8	44.4	

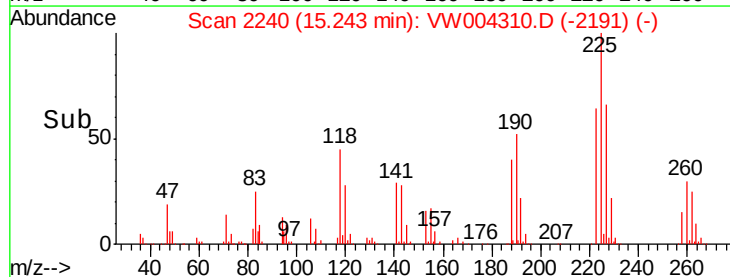
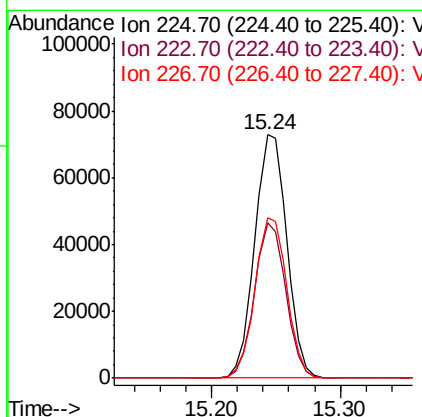
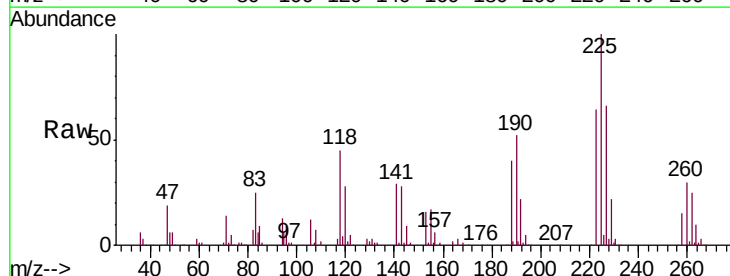
Manual Integrations
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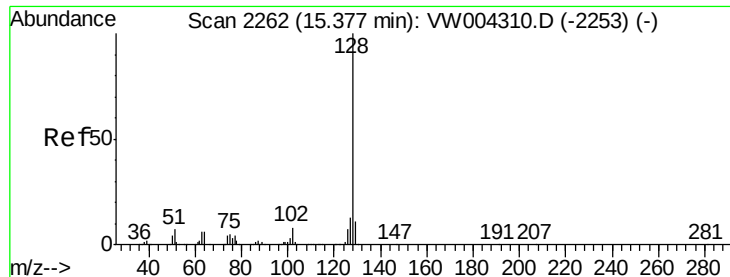
apatel
 7/30/2018 10:32:29 AM



#94
 Hexachlorobutadiene
 Concen: 48.63 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	125243		
223	62.0	31.0	93.0	
227	65.1	32.6	97.7	





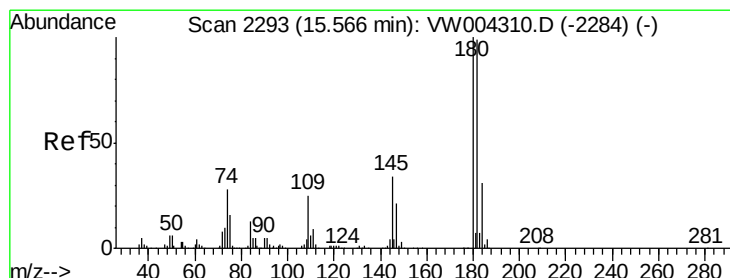
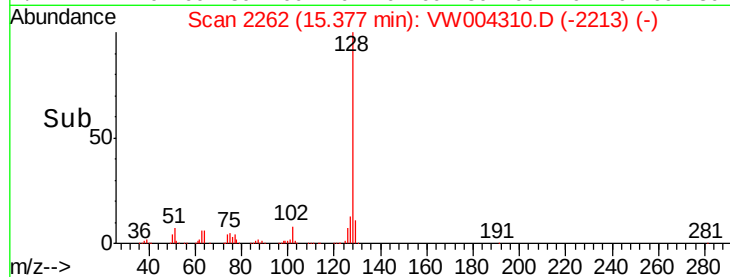
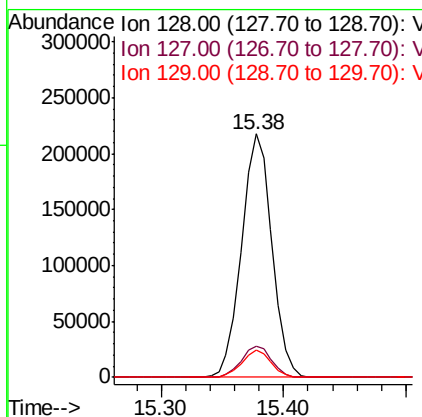
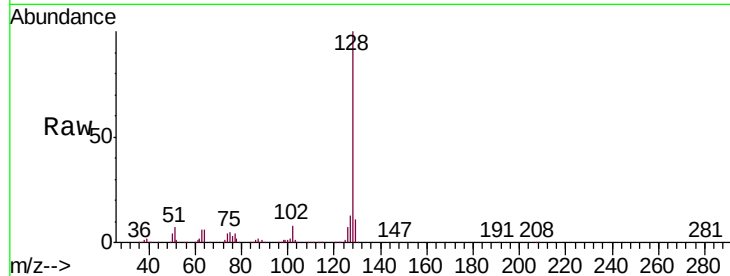
#95
Naphthalene
Concen: 51.53 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.8	8.6	13.0

Manual Integrations
APPROVED

apatel
7/30/2018 10:32:29 AM



#96
1,2,3-Trichlorobenzene
Concen: 49.55 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.0	144.0
145	32.3	16.2	48.5

