

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004311.D
 Acq On : 29 Jul 2018 13:29
 Operator : SY/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

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

Quant Time: Jul 30 01:49:00 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	271068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	411654	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	374627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	194376	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	207856	76.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	152.04%	
35) Dibromofluoromethane	7.88	113	192741	74.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	148.18%	
50) Toluene-d8	10.33	98	771263	75.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	150.04%	
62) 4-Bromofluorobenzene	12.62	95	270945	74.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	149.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	72552	75.52	ug/l	95
3) Chloromethane	2.21	50	104161	68.50	ug/l	97
4) Vinyl Chloride	2.36	62	150868	57.66	ug/l	98
5) Bromomethane	2.78	94	111325	64.41	ug/l	98
6) Chloroethane	2.92	64	93309	56.81	ug/l	96
7) Trichlorofluoromethane	3.25	101	91876	58.69	ug/l	98
8) Diethyl Ether	3.67	74	79571	58.00	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	188525	69.44	ug/l	100
10) Methyl Iodide	4.26	142	292888	72.12	ug/l	100
11) Tert butyl alcohol	5.17	59	70463	351.25	ug/l	99
12) 1,1-Dichloroethene	4.03	96	189820	69.98	ug/l	98
13) Acrolein	3.89	56	64098	360.49	ug/l	95
14) Allyl chloride	4.66	41	331683	76.05	ug/l	100
15) Acrylonitrile	5.37	53	237714	385.88	ug/l	100
16) Acetone	4.12	43	249781	398.64	ug/l	99
17) Carbon Disulfide	4.37	76	615508	73.39	ug/l	100
18) Methyl Acetate	4.67	43	116015	71.97	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	366534	75.88	ug/l	99
20) Methylene Chloride	4.90	84	195857	67.16	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	206432	71.35	ug/l	99
22) Diisopropyl ether	6.32	45	632332	77.04	ug/l	97
23) Vinyl Acetate	6.26	43	1929744	405.24	ug/l	100
24) 1,1-Dichloroethane	6.21	63	371980	70.37	ug/l	99
25) 2-Butanone	7.17	43	318453	419.34	ug/l	99
26) 2,2-Dichloropropane	7.17	77	216058	70.45	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	220946	75.04	ug/l	98
28) Bromochloromethane	7.51	49	135618	73.20	ug/l	99
29) Tetrahydrofuran	7.53	42	202992	417.72	ug/l	99
30) Chloroform	7.68	83	366516	72.59	ug/l	98
31) Cyclohexane	7.96	56	343899	73.67	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	295502	71.26	ug/l	99
36) 1,1-Dichloropropene	8.09	75	303093	73.60	ug/l	99
37) Ethyl Acetate	7.26	43	138294	81.95	ug/l	99
38) Carbon Tetrachloride	8.07	117	285746	70.27	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	376547	75.88	ug/l	99
40) Benzene	8.32	78	850281	73.40	ug/l	99
41) Methacrylonitrile	7.49	41	83867	86.07	ug/l	99
42) 1,2-Dichloroethane	8.40	62	241406	72.89	ug/l	100
43) Isopropyl Acetate	8.43	43	254997	83.84	ug/l	99
44) Trichloroethene	9.09	130	220272	70.43	ug/l	100
45) 1,2-Dichloropropane	9.37	63	215154	74.84	ug/l	98
46) Dibromomethane	9.46	93	109303	74.46	ug/l	99
47) Bromodichloromethane	9.65	83	271094	72.81	ug/l	99
48) Methyl methacrylate	9.44	41	126491	81.66	ug/l	99
49) 1,4-Dioxane	9.45	88	36635	1646.26	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	690399	413.61	ug/l	100
52) Toluene	10.39	92	530168	72.89	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	287833	77.18	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	333044	76.61	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	152977	73.14	ug/l	97
56) Ethyl methacrylate	10.65	69	207116	81.83	ug/l	98
57) 1,3-Dichloropropane	10.94	76	265166	74.41	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	457157	406.61	ug/l	99
59) 2-Hexanone	10.97	43	484151	422.42	ug/l	99
60) Dibromochloromethane	11.13	129	180315	72.05	ug/l	100
61) 1,2-Dibromoethane	11.24	107	147954	74.18	ug/l	100
64) Tetrachloroethene	10.87	164	187485	68.31	ug/l	98
65) Chlorobenzene	11.66	112	564072	71.69	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	197429	71.14	ug/l	98
67) Ethyl Benzene	11.74	91	1021031	74.45	ug/l	95
68) m/p-Xylenes	11.85	106	784038	148.56	ug/l	100
69) o-Xylene	12.17	106	363506	74.54	ug/l	100
70) Styrene	12.19	104	616513	74.83	ug/l	99
71) Bromoform	12.35	173	113258	72.82	ug/l	100
73) Isopropylbenzene	12.47	105	1003983	74.49	ug/l	98
74) N-amyl acetate	12.28	43	250487	85.77	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	183119	77.56	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	123286m	41.62	ug/l	
77) Bromobenzene	12.76	156	237345	72.88	ug/l	98
78) n-propylbenzene	12.81	91	1258780	76.67	ug/l	100
79) 2-Chlorotoluene	12.90	91	691129	73.59	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	866517	74.63	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	61252	80.34	ug/l	97
82) 4-Chlorotoluene	12.99	91	740381	74.50	ug/l	98
83) tert-Butylbenzene	13.21	119	733645	75.85	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	882438	74.52	ug/l	99
85) sec-Butylbenzene	13.39	105	1057503	74.85	ug/l	97
86) p-Isopropyltoluene	13.51	119	948935	74.78	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	475655	72.97	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	467631	71.91	ug/l	98
89) n-Butylbenzene	13.83	91	925594	78.11	ug/l	99
90) Hexachloroethane	14.10	117	164952	72.88	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	420188	72.02	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	30624	74.31	ug/l	98

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ClientSampleId :
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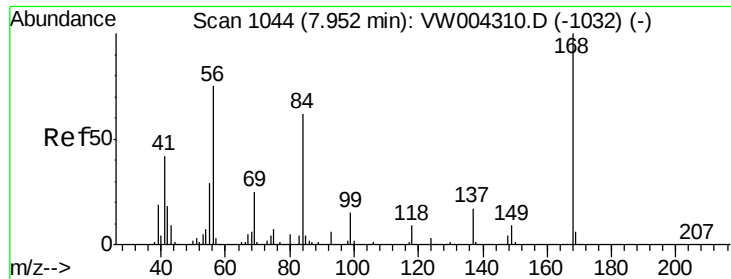
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Mon Jul 30 01:27:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	295865	72.22	ug/l	98
94) Hexachlorobutadiene	15.24	225	172718	69.01	ug/l	97
95) Naphthalene	15.38	128	558152	79.19	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	263215	73.42	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004311.D

Acq: 29 Jul 2018 13:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion:168 Resp: 271068

Ion Ratio Lower Upper

168 100

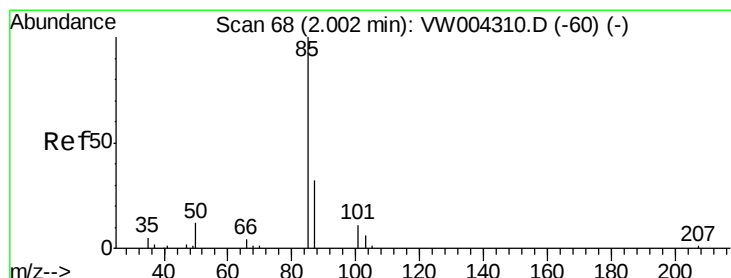
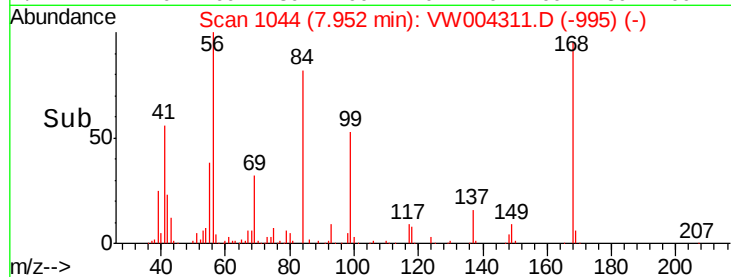
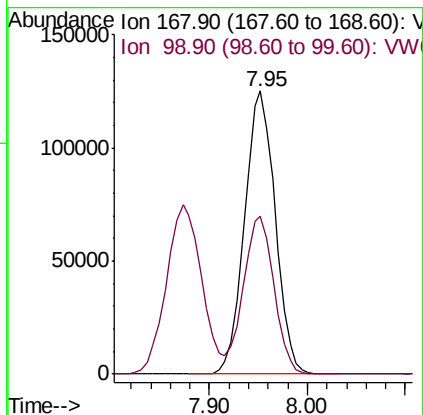
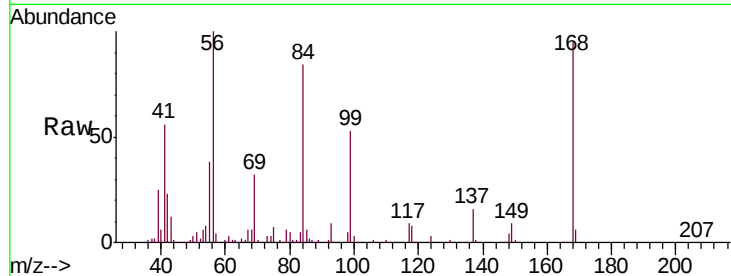
99 55.8 45.0 67.4

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#2

Dichlorodifluoromethane

Concen: 75.52 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW004311.D

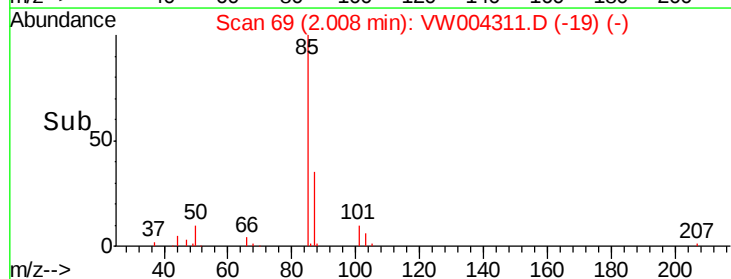
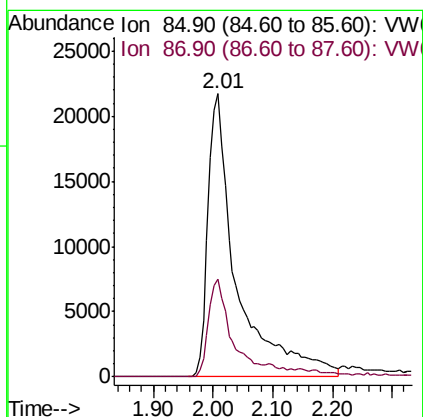
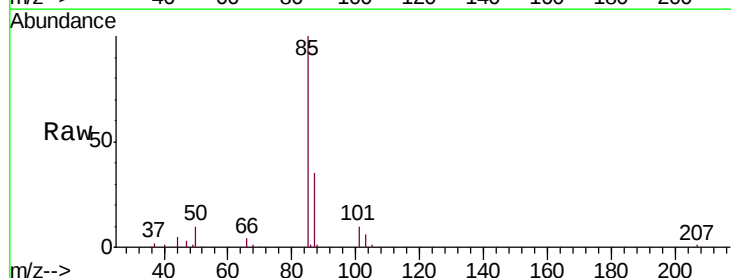
Acq: 29 Jul 2018 13:29

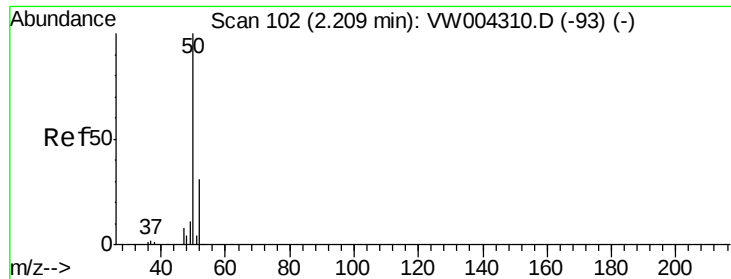
Tgt Ion: 85 Resp: 72552

Ion Ratio Lower Upper

85 100

87 34.5 15.9 47.7





#3

Chloromethane

Concen: 68.50 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW004311.D

Acq: 29 Jul 2018 13:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 50 Resp: 104161

Ion Ratio Lower Upper

50 100

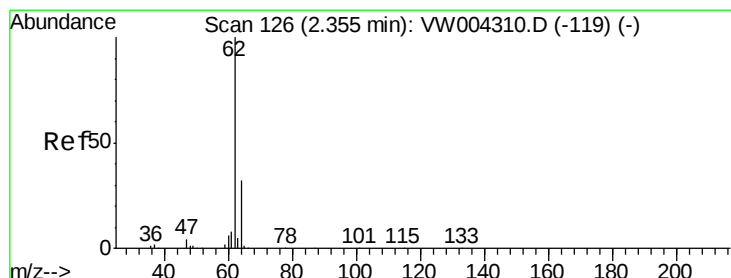
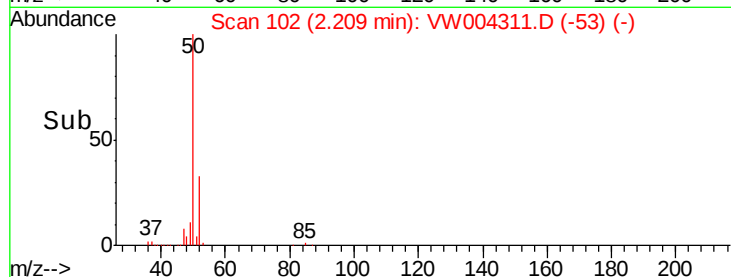
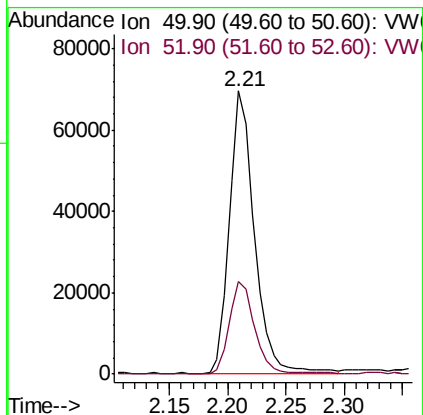
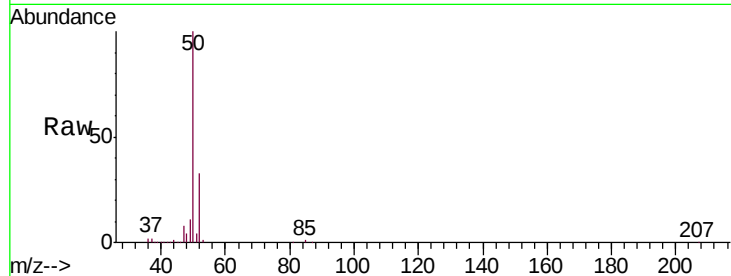
52 32.6 24.8 37.2

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#4

Vinyl Chloride

Concen: 57.66 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW004311.D

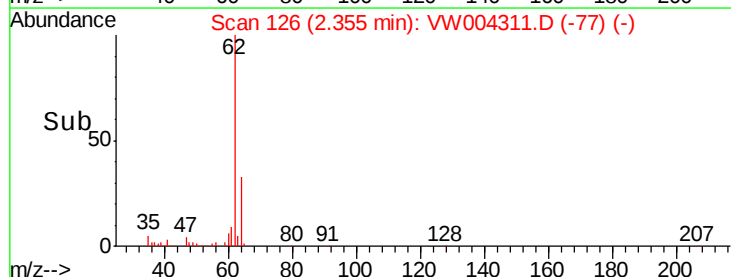
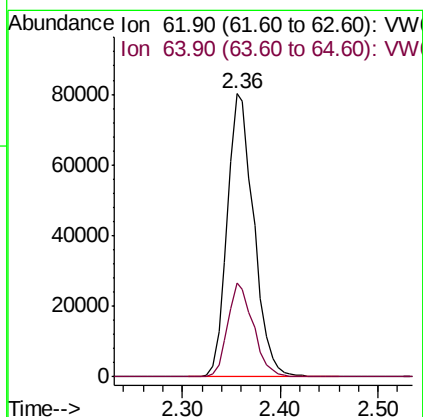
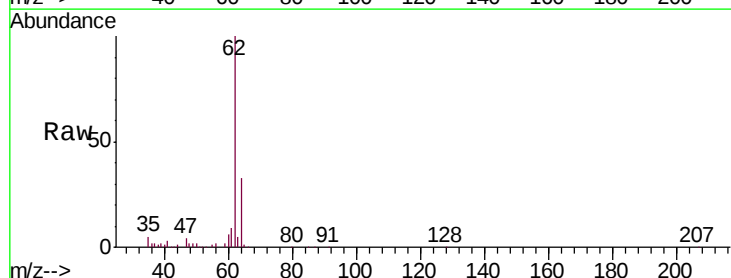
Acq: 29 Jul 2018 13:29

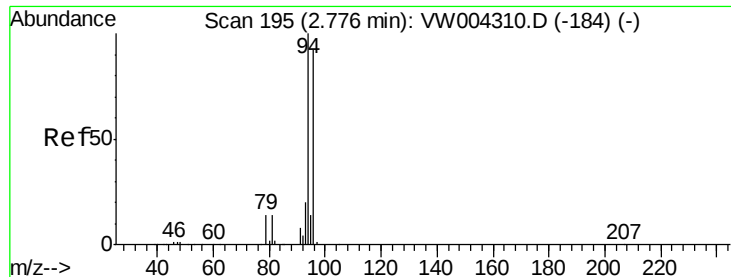
Tgt Ion: 62 Resp: 150868

Ion Ratio Lower Upper

62 100

64 33.3 25.9 38.9





#5

Bromomethane

Concen: 64.41 ug/l

RT: 2.78 min Scan# 195

Delta R.T. 0.00 min

Lab File: VW004311.D

Acq: 29 Jul 2018 13:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 94 Resp: 111325

Ion Ratio Lower Upper

94 100

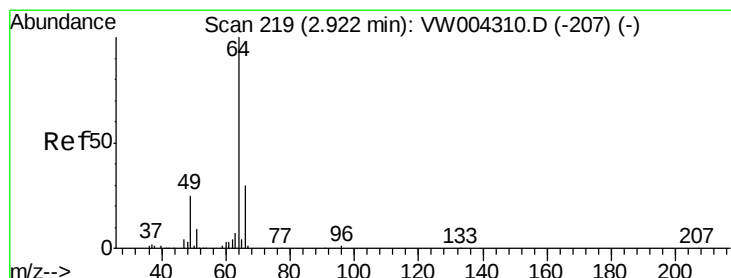
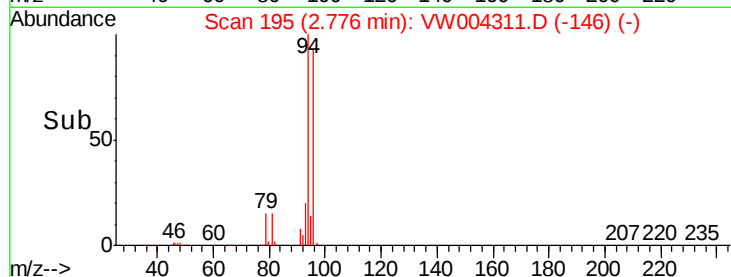
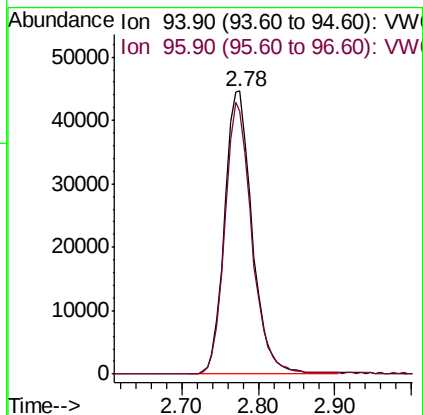
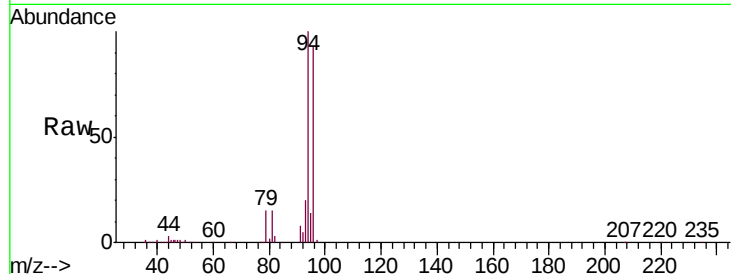
96 93.0 73.3 109.9

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#6

Chloroethane

Concen: 56.81 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW004311.D

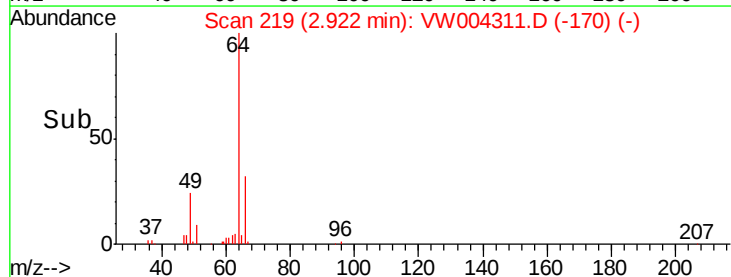
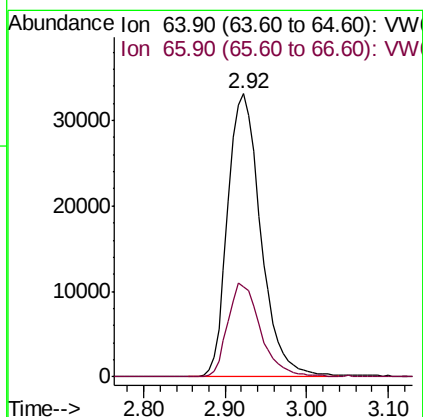
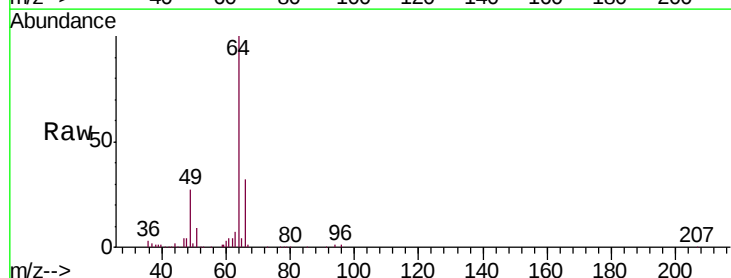
Acq: 29 Jul 2018 13:29

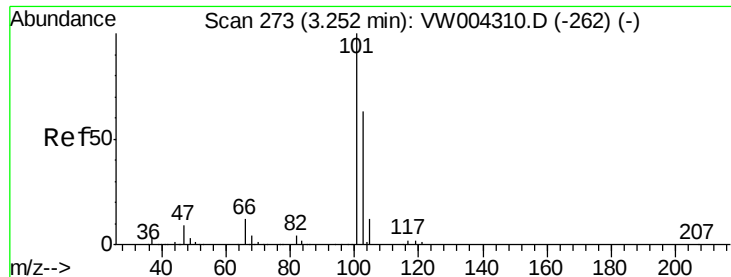
Tgt Ion: 64 Resp: 93309

Ion Ratio Lower Upper

64 100

66 31.9 23.7 35.5





#7

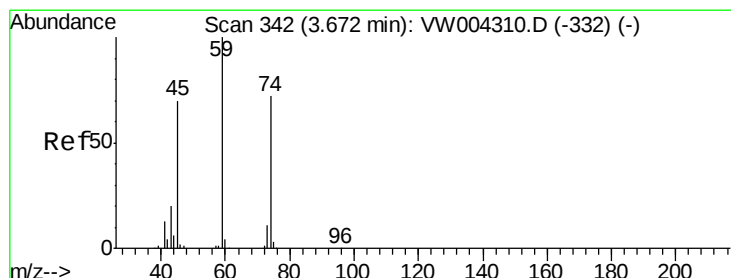
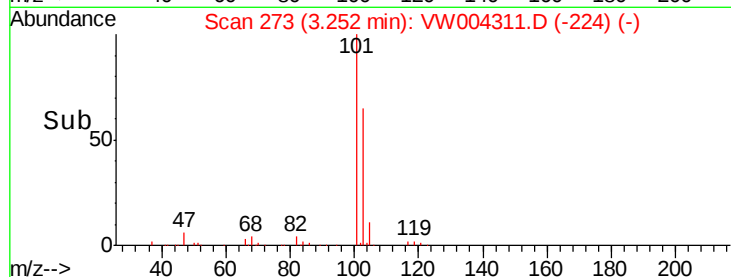
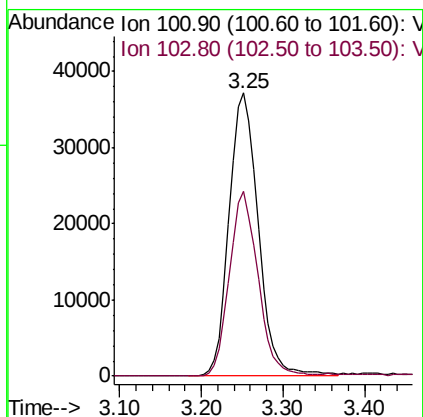
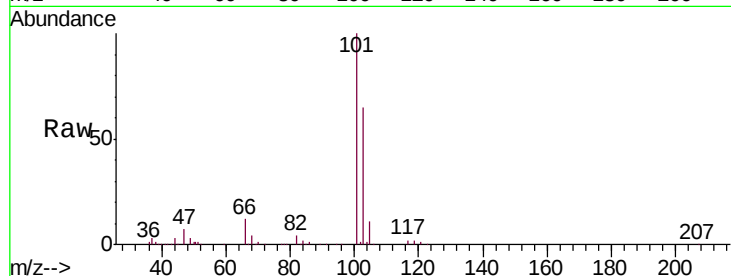
Trichlorofluoromethane
 Concen: 58.69 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.00 min
 Lab File: VW004311.D
 Acq: 29 Jul 2018 13:29

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 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	50.8	76.2

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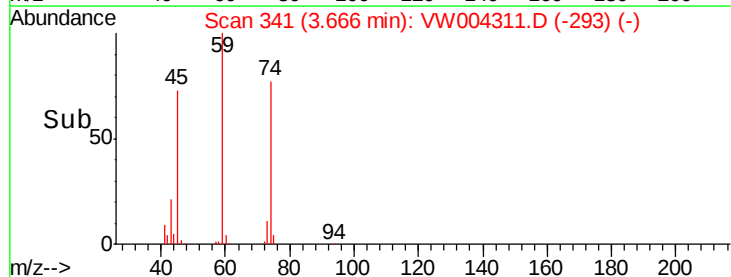
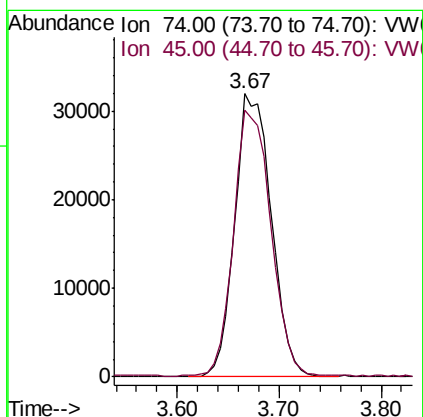
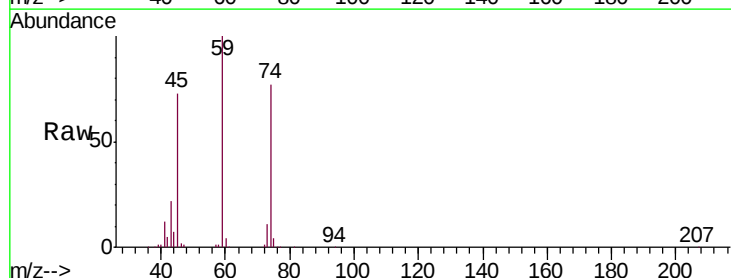
apatel
 7/30/2018 10:32:32 AM

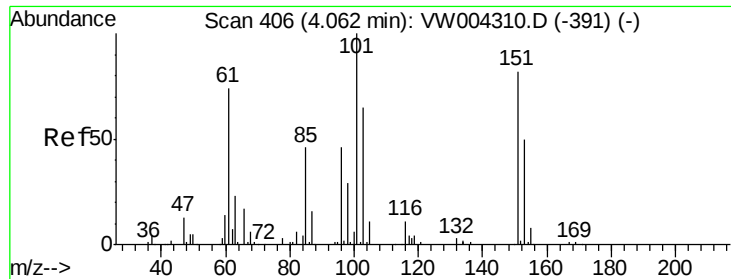


#8

Diethyl Ether
 Concen: 58.00 ug/l
 RT: 3.67 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VW004311.D
 Acq: 29 Jul 2018 13:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.7	49.4	148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 69.44 ug/l

RT: 4.06 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW004311.D

Acq: 29 Jul 2018 13:29

Instrument :

MSVOA_W

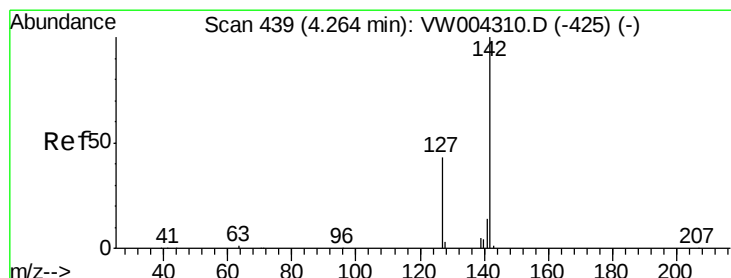
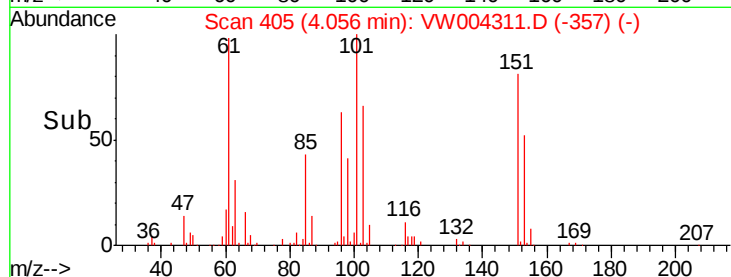
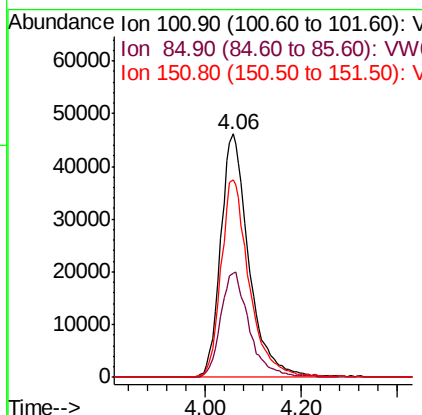
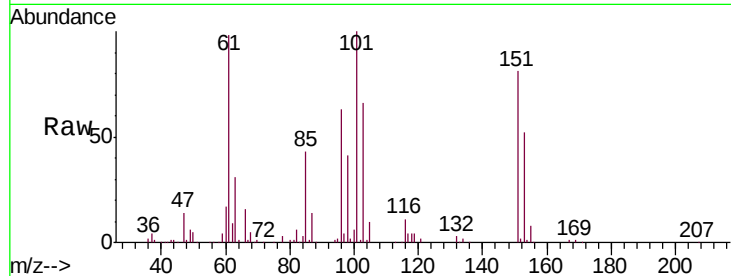
ClientSampled :

VSTDIC075

Tot Ion:	101	Resp:	188525
Ion Ratio	Lower	Upper	
101	100		
85	43.7	35.5	53.3
151	80.9	64.6	97.0

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#10

Methyl Iodide

Concen: 72.12 ug/l

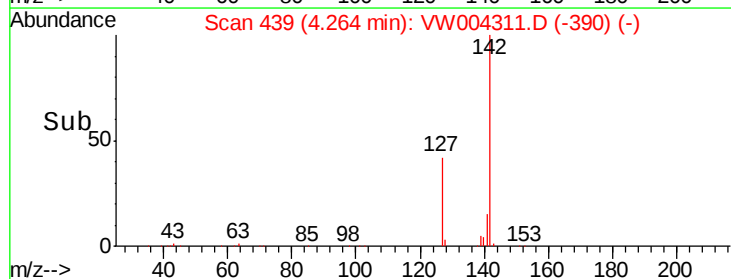
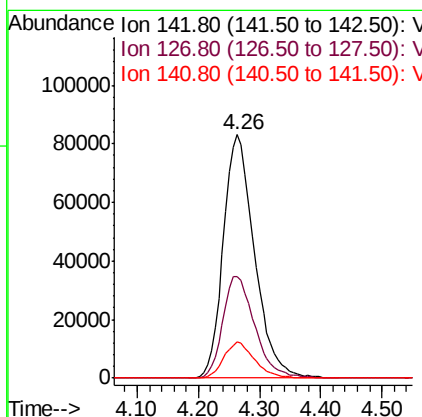
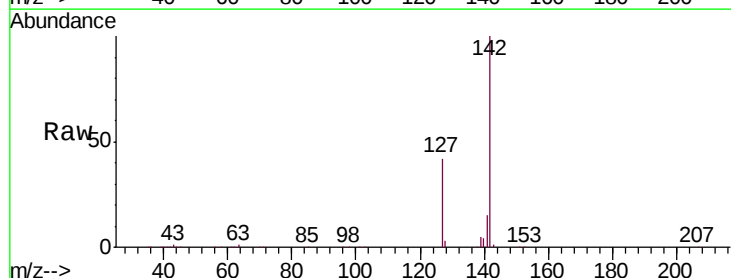
RT: 4.26 min Scan# 439

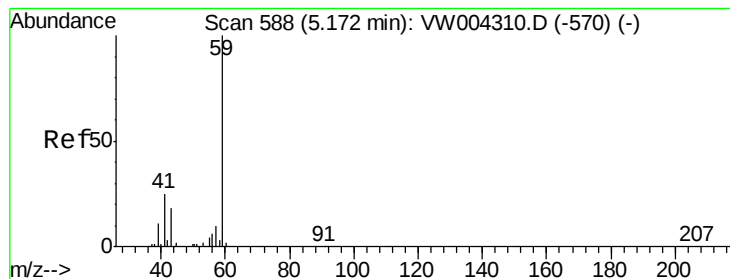
Delta R.T. 0.00 min

Lab File: VW004311.D

Acq: 29 Jul 2018 13:29

Tgt Ion:	142	Resp:	292888
Ion Ratio	Lower	Upper	
142	100		
127	43.0	34.6	52.0
141	14.6	11.5	17.3





#11

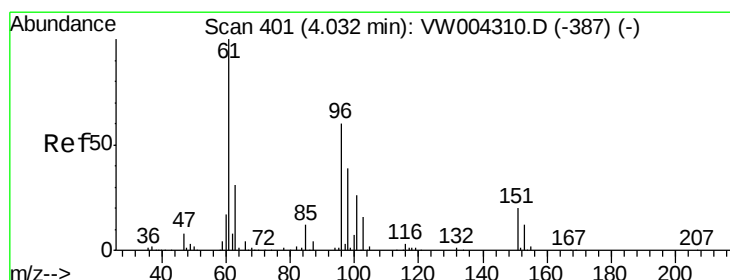
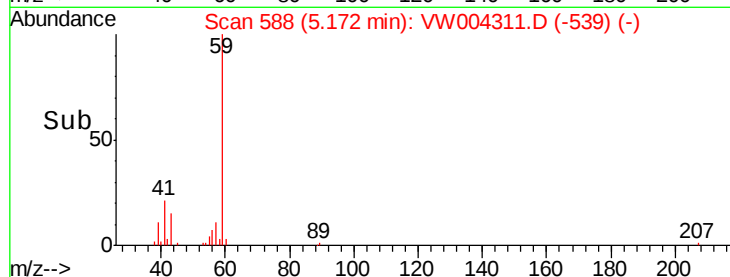
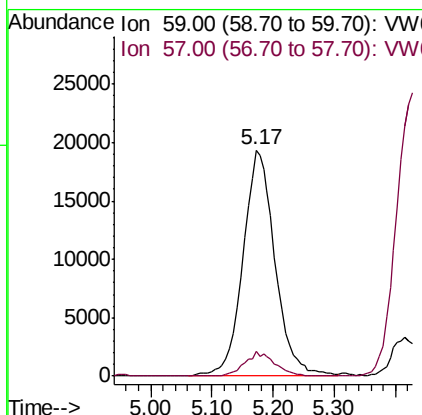
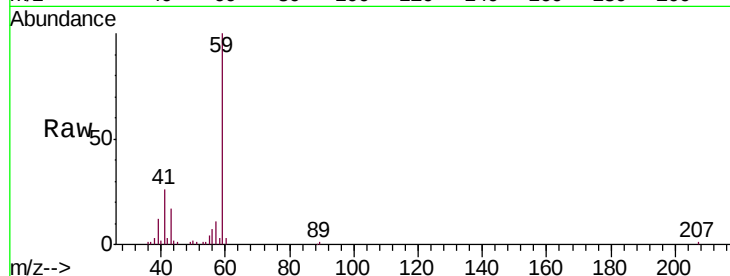
Tert butyl alcohol
 Concen: 351.25 ug/l
 RT: 5.17 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: VW004311.D
 Acq: 29 Jul 2018 13:29

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

Tot Ion	59.00	Resp	70463
Ion Ratio	100	Lower	Upper
59	100		
57	10.0	8.4	12.6

Manual Integrations
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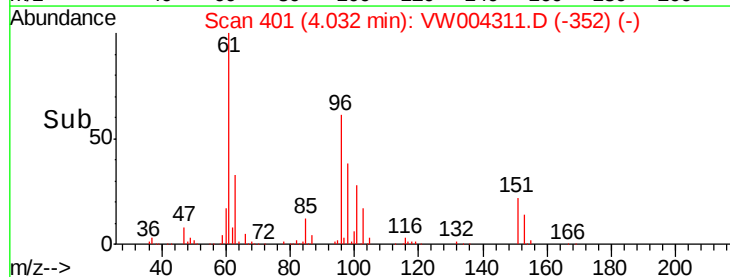
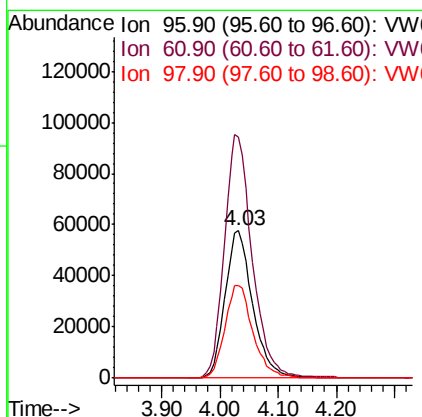
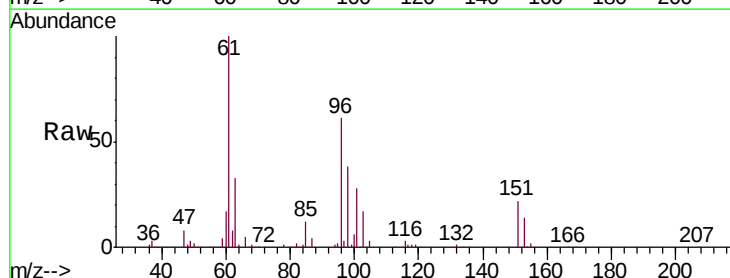
apatel
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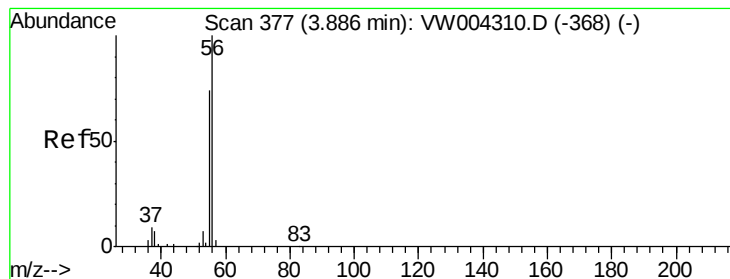


#12

1,1-Dichloroethene
 Concen: 69.98 ug/l
 RT: 4.03 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: VW004311.D
 Acq: 29 Jul 2018 13:29

Tgt Ion	96	Resp	189820
Ion Ratio	100	Lower	Upper
96	100		
61	163.6	133.4	200.0
98	62.9	51.9	77.9





#13

Acrolein

Concen: 360.49 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.00 min

Lab File: VW004311.D

Acq: 29 Jul 2018 13:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 56 Resp: 64098

Ion Ratio Lower Upper

56 100

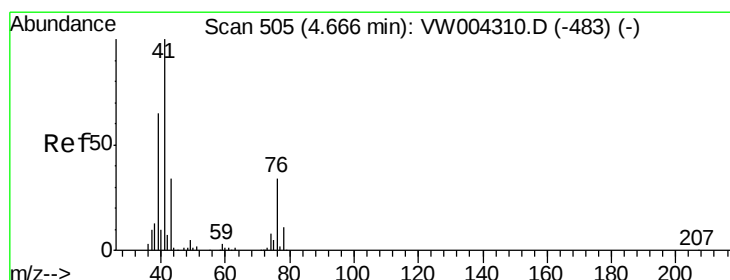
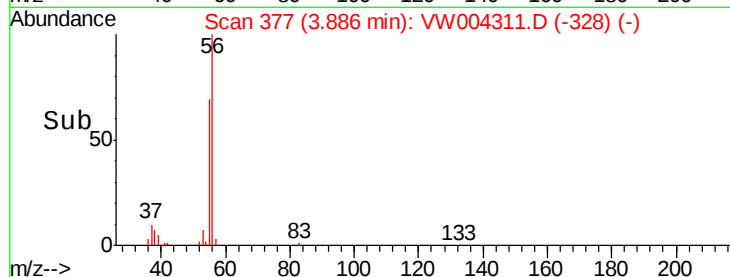
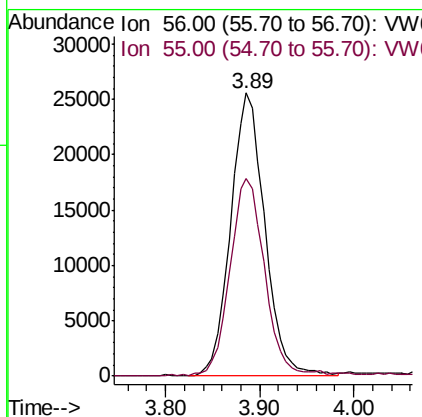
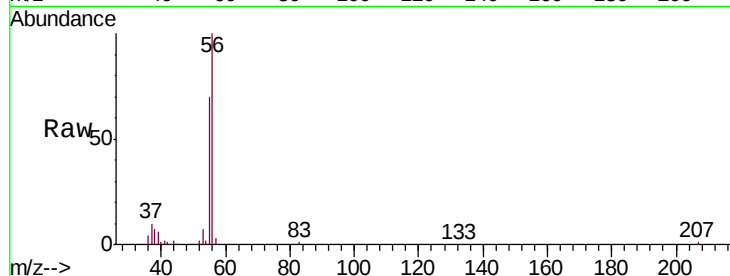
55 70.3 59.4 89.2

Manual Integrations

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#14

Allyl chloride

Concen: 76.05 ug/l

RT: 4.66 min Scan# 504

Delta R.T. -0.01 min

Lab File: VW004311.D

Acq: 29 Jul 2018 13:29

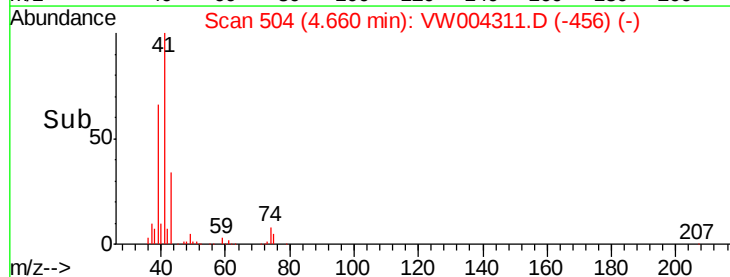
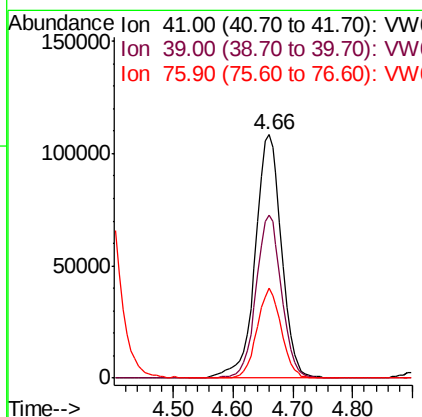
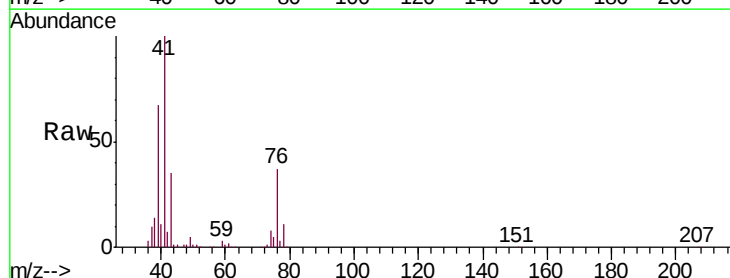
Tgt Ion: 41 Resp: 331683

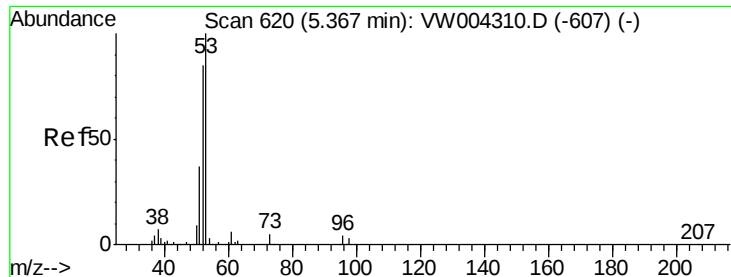
Ion Ratio Lower Upper

41 100

39 64.9 52.3 78.5

76 34.0 27.3 40.9





#15

Acrylonitrile

Concen: 385.88 ug/l

RT: 5.37 min Scan# 620

Delta R.T. 0.00 min

Lab File: VW004311.D

Acq: 29 Jul 2018 13:29

Instrument :

MSVOA_W

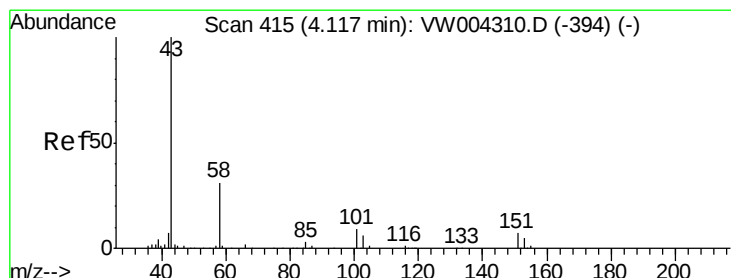
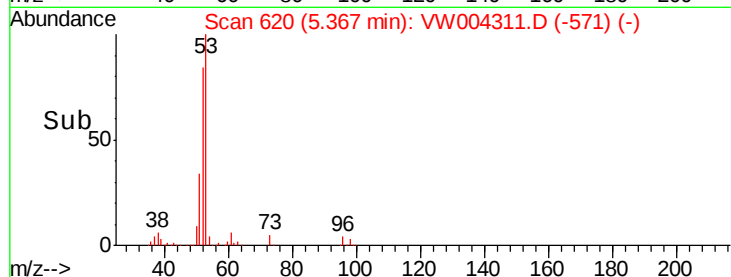
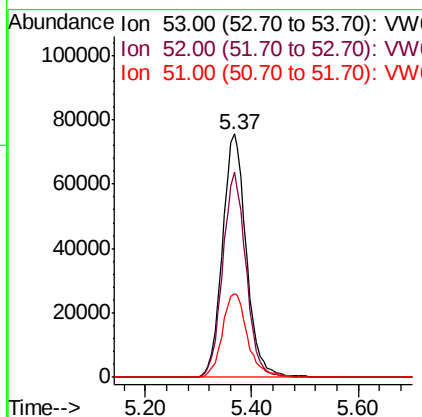
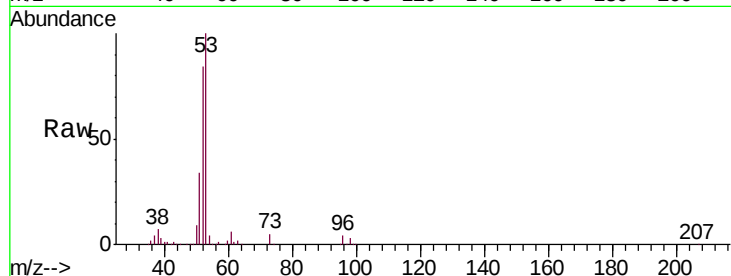
ClientSampleId :

VSTDIC075

Tot Ion:	53	Resp:	237714
Ion Ratio		Lower	Upper
53	100		
52	82.1	65.7	98.5
51	36.3	29.2	43.8

Manual Integrations
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#16

Acetone

Concen: 398.64 ug/l

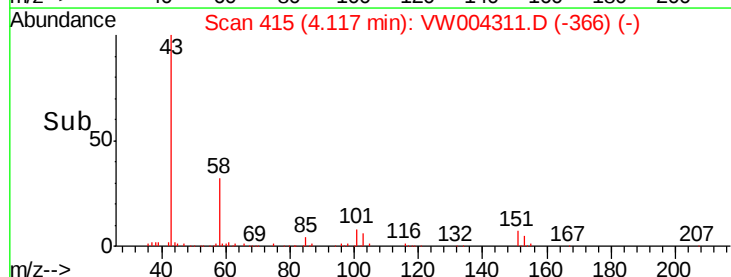
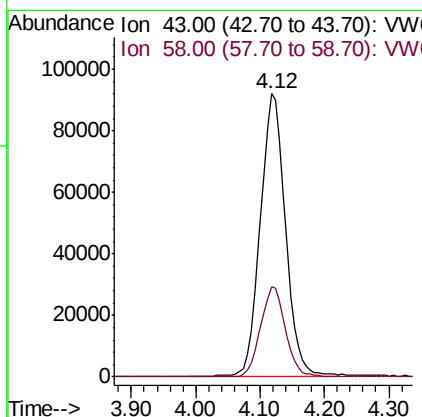
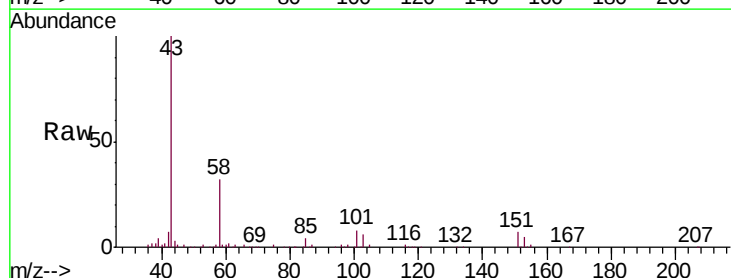
RT: 4.12 min Scan# 415

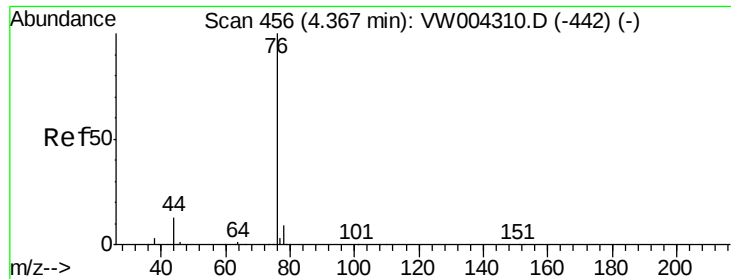
Delta R.T. 0.00 min

Lab File: VW004311.D

Acq: 29 Jul 2018 13:29

Tgt Ion:	43	Resp:	249781
Ion Ratio		Lower	Upper
43	100		
58	31.6	24.8	37.2





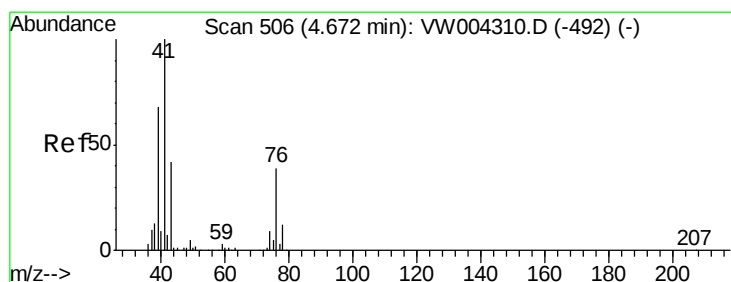
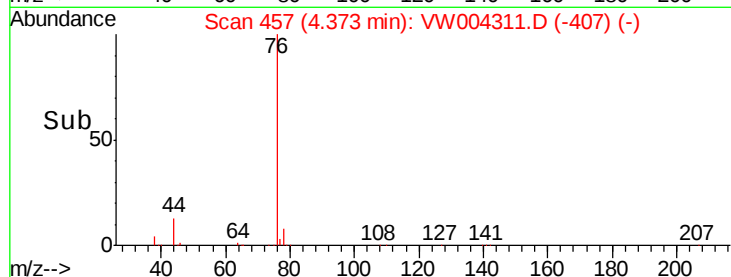
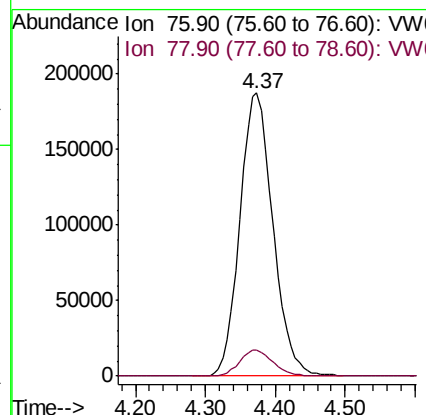
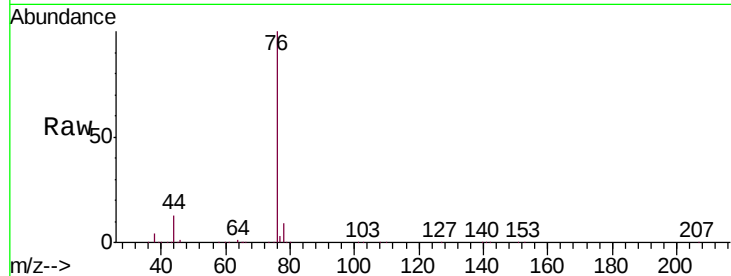
#17
Carbon Disulfide
Concen: 73.39 ug/l
RT: 4.37 min Scan# 457
Delta R.T. 0.01 min
Lab File: VW004311.D
Acq: 29 Jul 2018 13:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.0

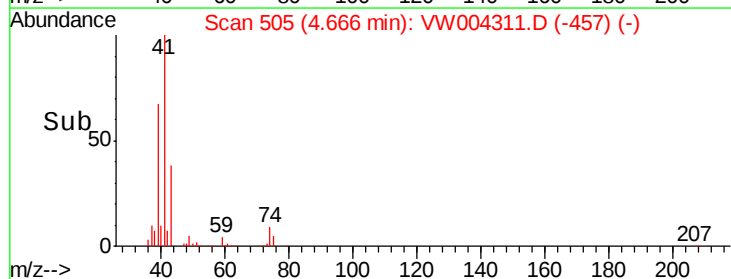
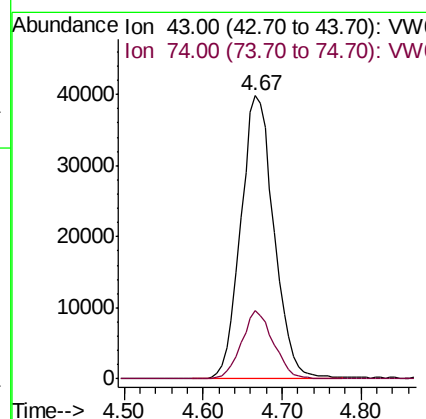
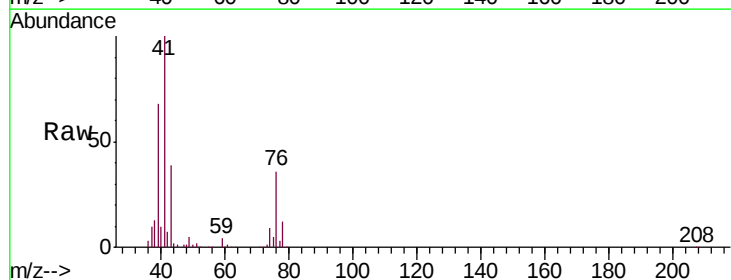
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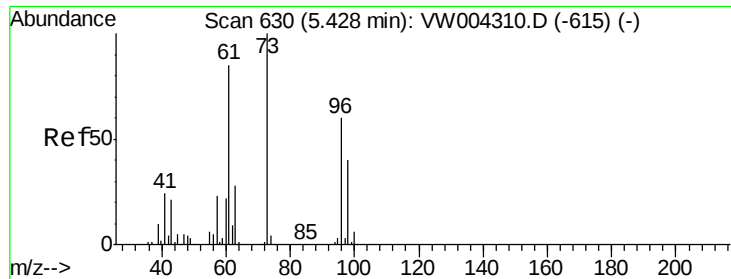
apatel
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#18
Methyl Acetate
Concen: 71.97 ug/l
RT: 4.67 min Scan# 505
Delta R.T. -0.01 min
Lab File: VW004311.D
Acq: 29 Jul 2018 13:29

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	17.8	26.6





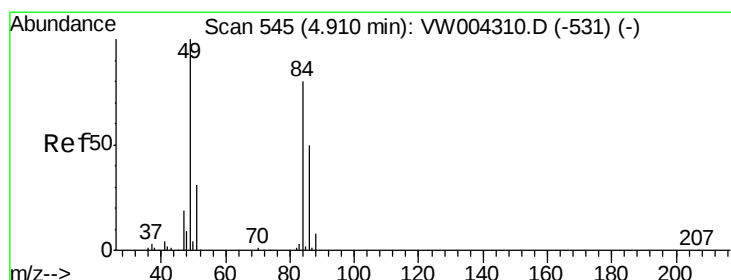
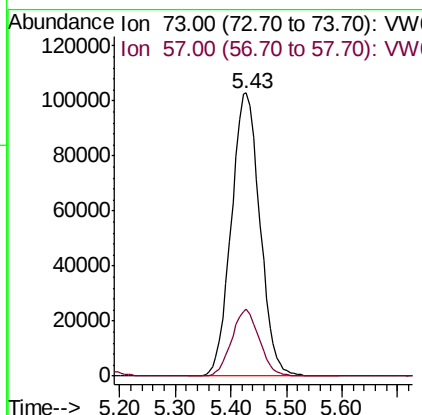
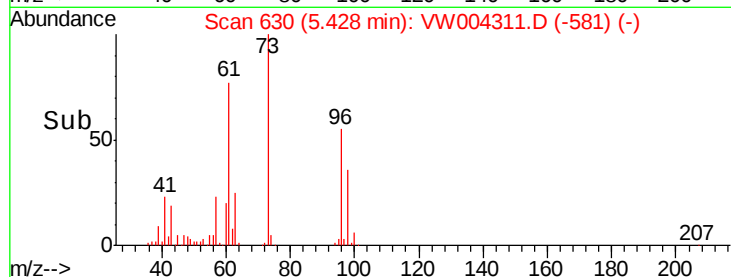
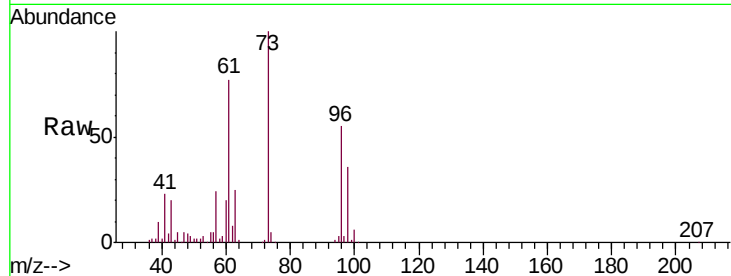
#19
Methyl tert-butyl Ether
Concen: 75.88 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW004311.D
Acq: 29 Jul 2018 13:29

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion: 73 Resp: 366534
Ion Ratio Lower Upper
73 100
57 23.6 18.4 27.6

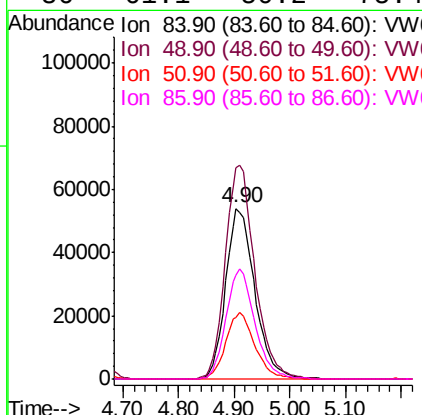
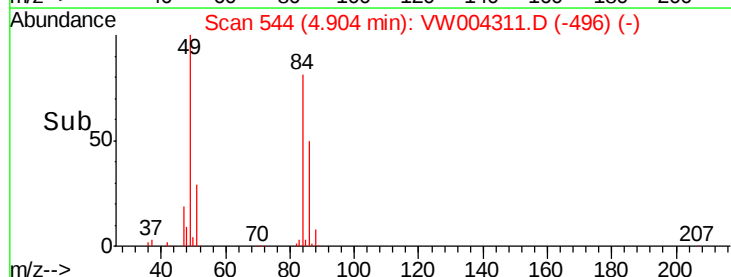
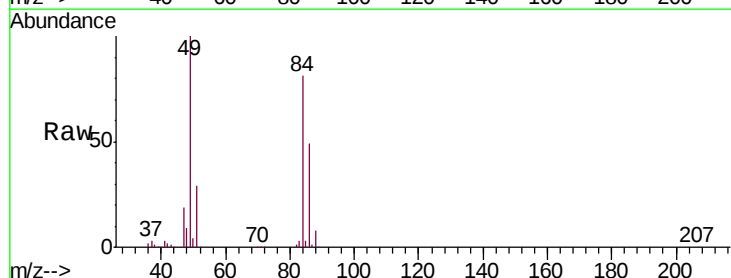
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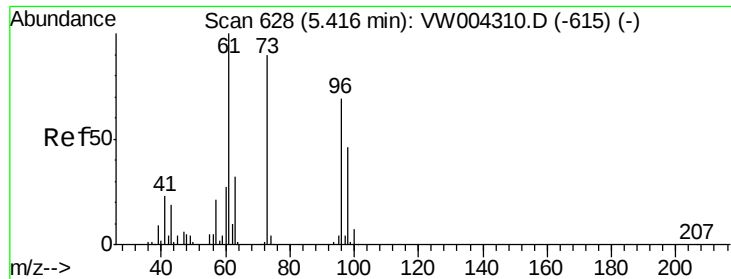
apatel
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#20
Methylene Chloride
Concen: 67.16 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW004311.D
Acq: 29 Jul 2018 13:29

Tgt Ion: 84 Resp: 195857
Ion Ratio Lower Upper
84 100
49 123.8 100.5 150.7
51 35.8 30.9 46.3
86 61.1 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 71.35 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW004311.D

Acq: 29 Jul 2018 13:29

Instrument :

MSVOA_W

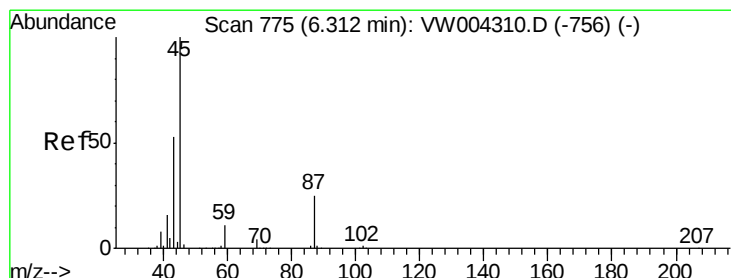
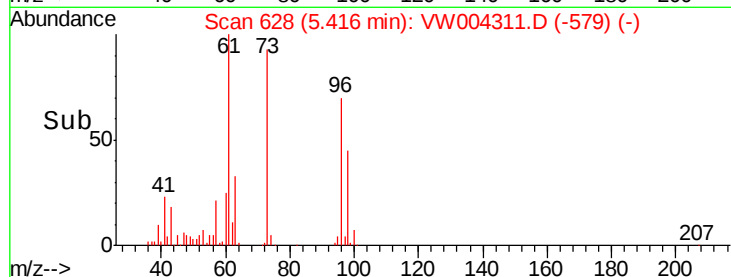
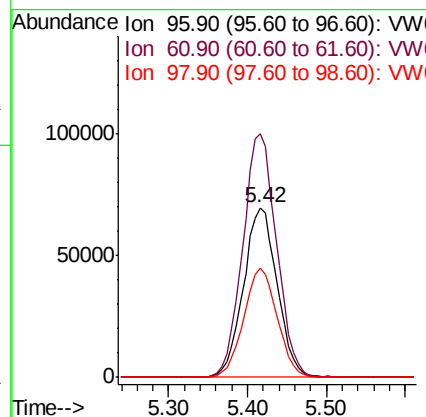
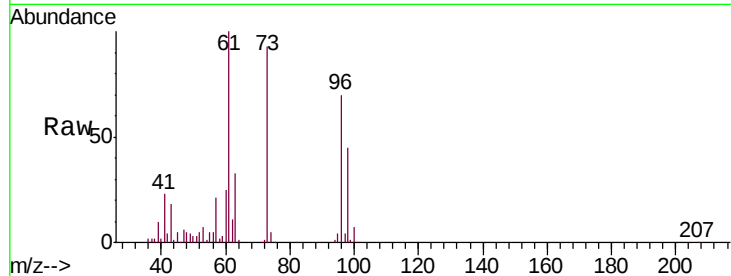
ClientSampled :

VSTDIC075

Tot Ion:	96	Resp:	206432
Ion Ratio	Lower	Upper	
96	100		
61	143.7	116.2	174.2
98	64.8	52.9	79.3

Manual Integrations
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#22

Diisopropyl ether

Concen: 77.04 ug/l

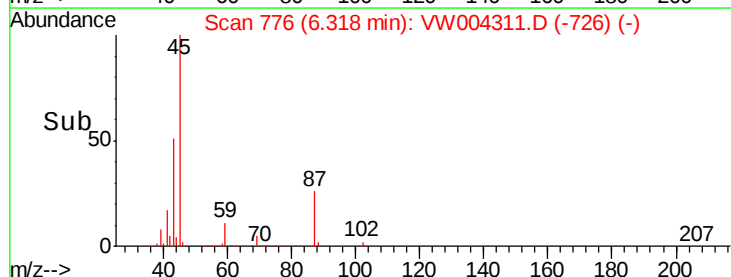
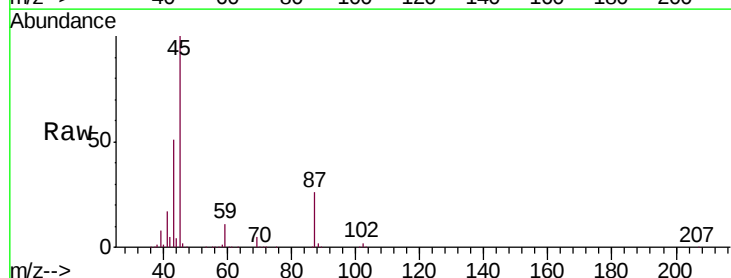
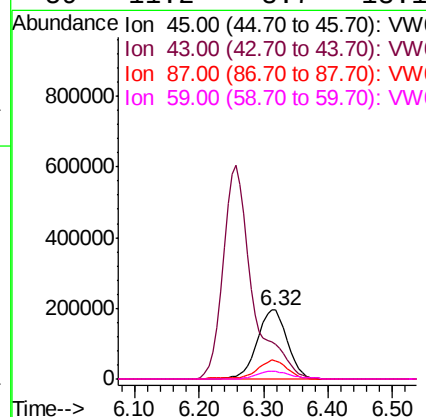
RT: 6.32 min Scan# 776

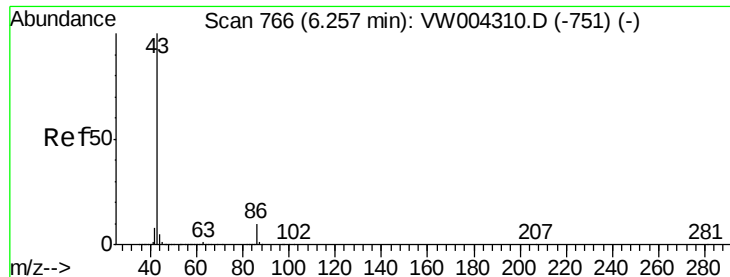
Delta R.T. 0.01 min

Lab File: VW004311.D

Acq: 29 Jul 2018 13:29

Tgt Ion:	45	Resp:	632332
Ion Ratio	Lower	Upper	
45	100		
43	50.5	42.3	63.5
87	26.2	19.9	29.9
59	11.2	8.7	13.1





#23

Vinyl Acetate

Concen: 405.24 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW004311.D

Acq: 29 Jul 2018 13:29

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tot Ion: 43 Resp: 1929744

Ion Ratio Lower Upper

43 100

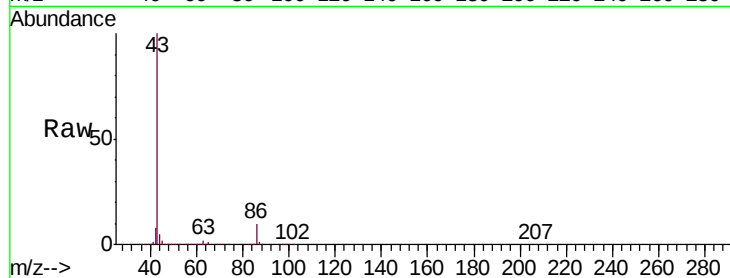
86 9.5 7.7 11.5

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

600000

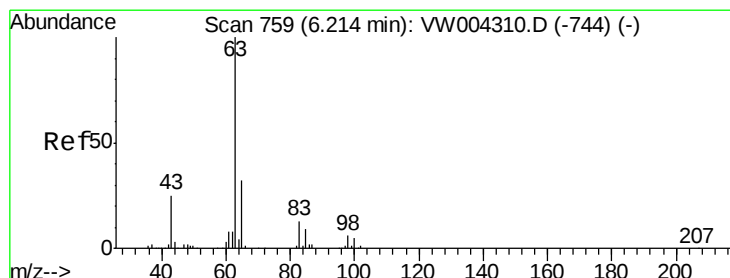
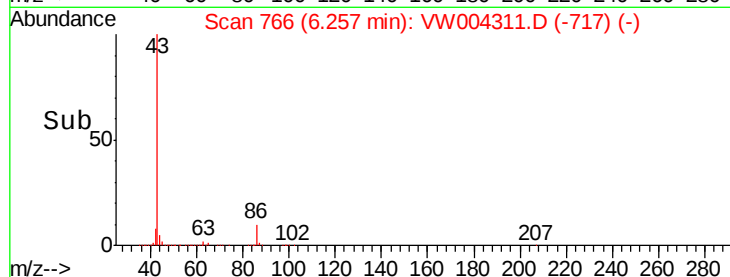
400000

200000

0

6.10 6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 70.37 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW004311.D

Acq: 29 Jul 2018 13:29

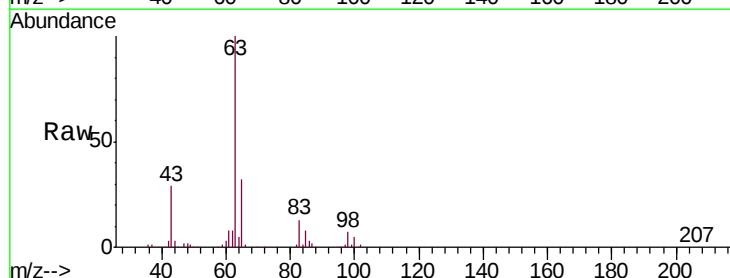
Tgt Ion: 63 Resp: 371980

Ion Ratio Lower Upper

63 100

98 6.7 3.2 9.6

100 4.5 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

150000

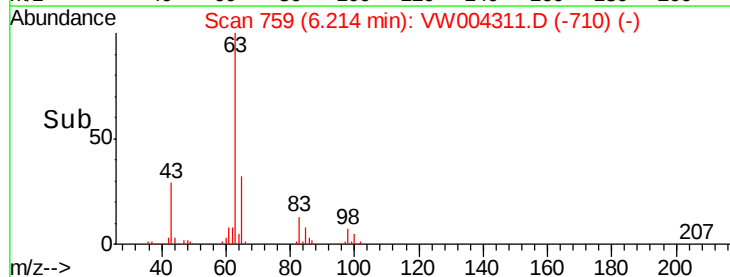
100000

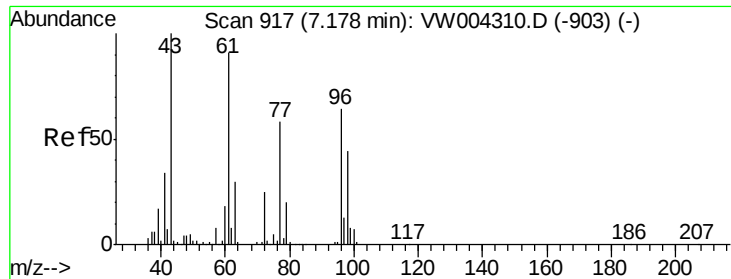
50000

0

6.10 6.20 6.30

Time-->





#25

2-Butanone

Concen: 419.34 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW004311.D

Acq: 29 Jul 2018 13:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 43 Resp: 318453

Ion Ratio Lower Upper

43 100

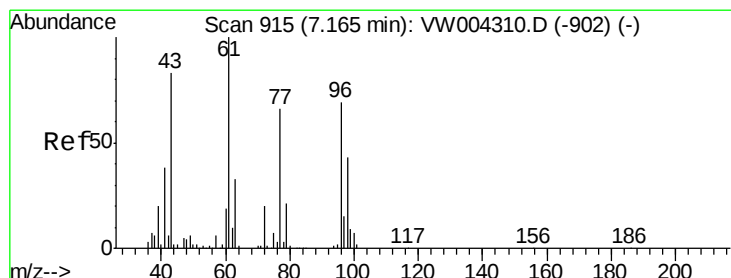
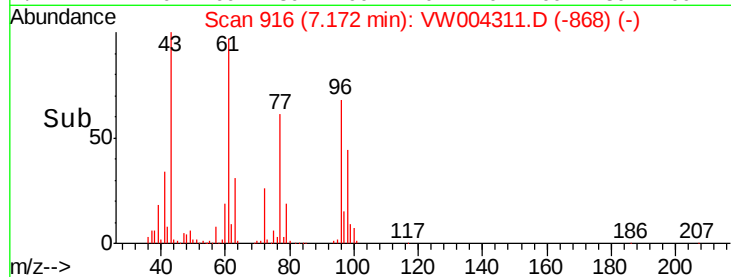
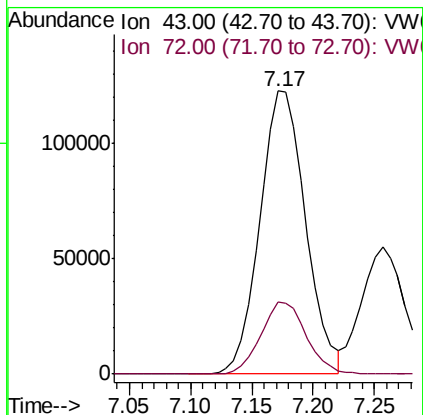
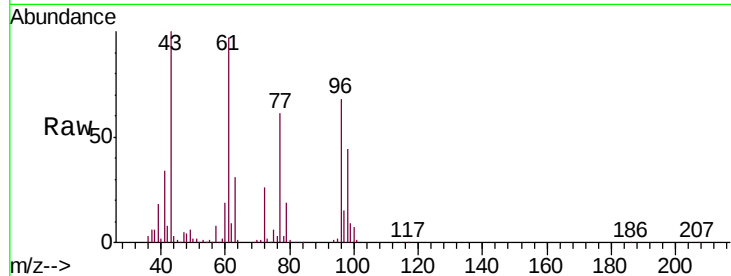
72 25.7 20.3 30.5

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 70.45 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW004311.D

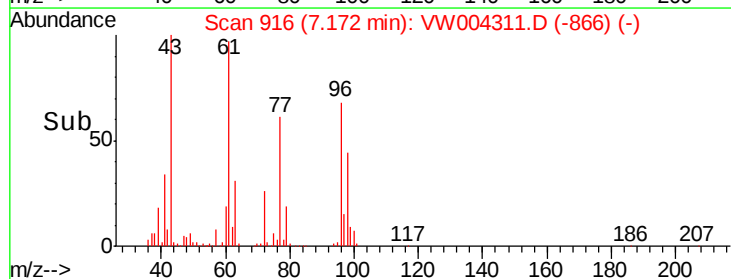
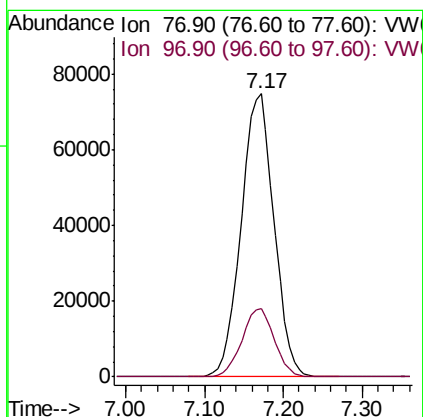
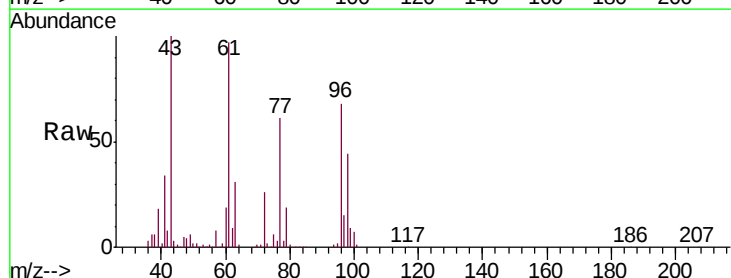
Acq: 29 Jul 2018 13:29

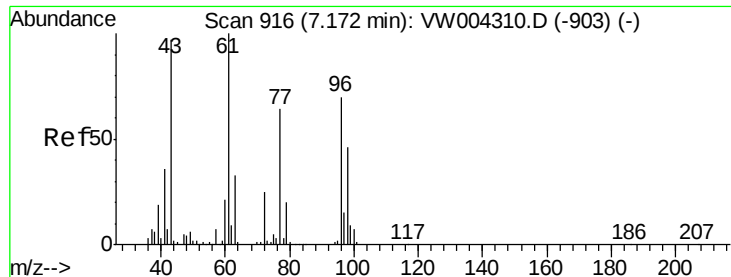
Tgt Ion: 77 Resp: 216058

Ion Ratio Lower Upper

77 100

97 23.8 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 75.04 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW004311.D

Acq: 29 Jul 2018 13:29

Instrument :

MSVOA_W

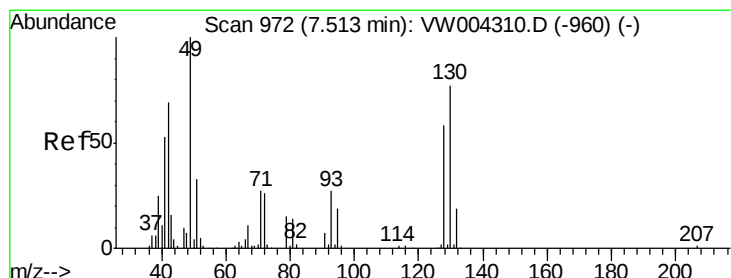
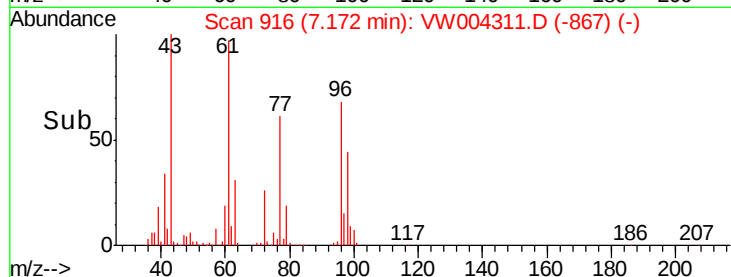
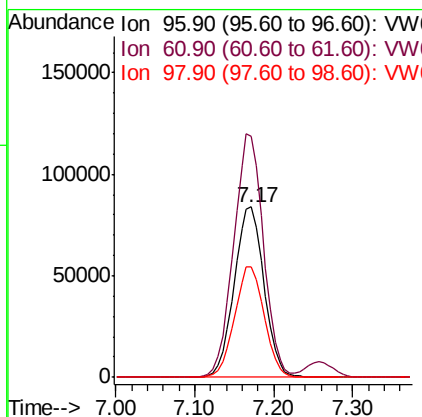
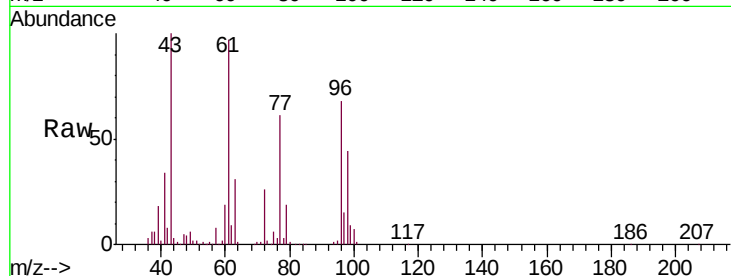
ClientSampled :

VSTDIC075

Tot Ion:	96	Resp:	220946
Ion	Ratio	Lower	Upper
96	100		
61	143.0	0.0	292.0
98	64.6	0.0	129.6

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#28

Bromochloromethane

Concen: 73.20 ug/l

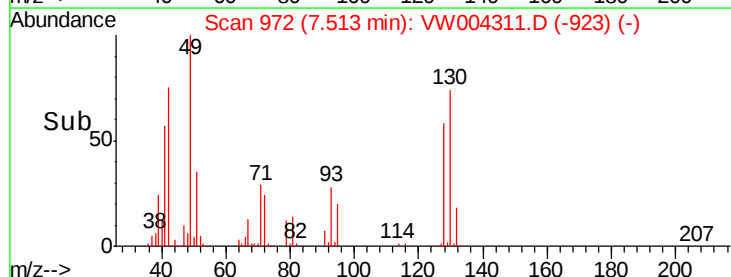
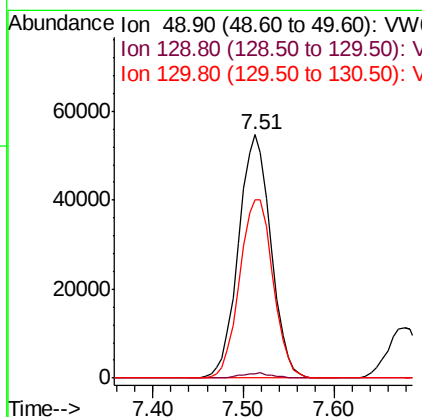
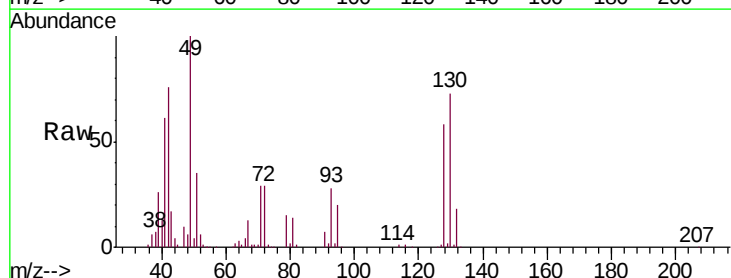
RT: 7.51 min Scan# 972

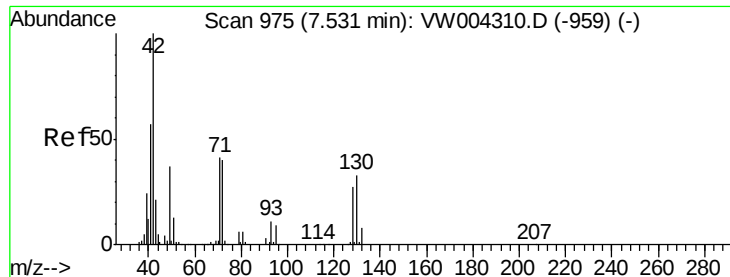
Delta R.T. 0.00 min

Lab File: VW004311.D

Acq: 29 Jul 2018 13:29

Tgt Ion:	49	Resp:	135618
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.6
130	75.7	61.5	92.3





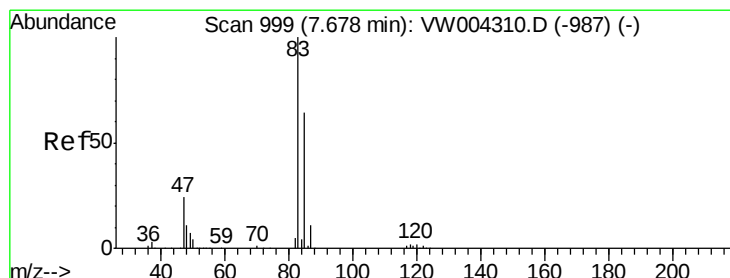
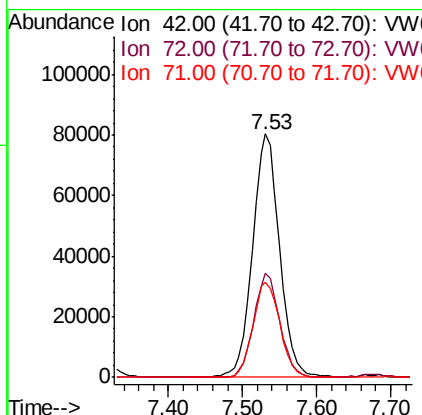
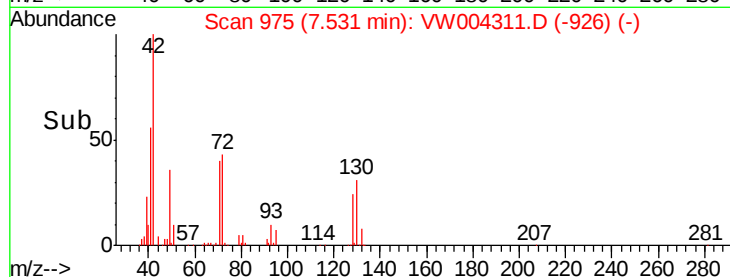
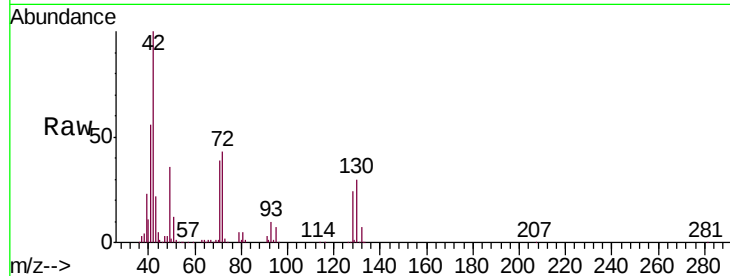
#29
Tetrahydrofuran
Concen: 417.72 ug/l
RT: 7.53 min Scan# 975
Delta R.T. 0.00 min
Lab File: VW004311.D
Acq: 29 Jul 2018 13:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.5	32.6	48.8
71	39.5	31.3	46.9

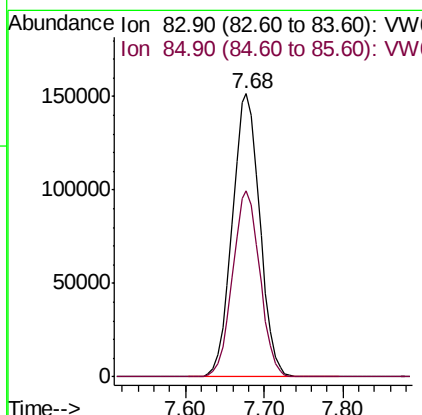
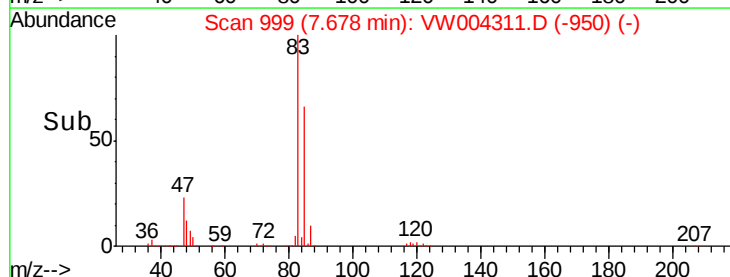
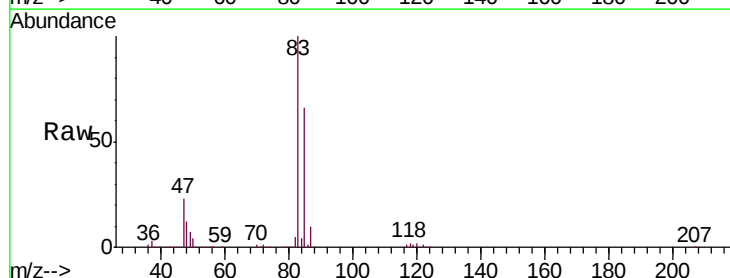
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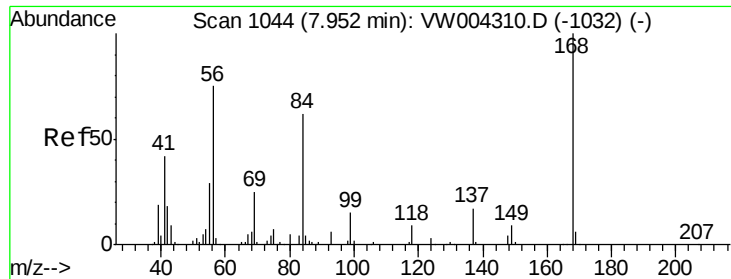
apatel
7/30/2018 10:32:32 AM



#30
Chloroform
Concen: 72.59 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004311.D
Acq: 29 Jul 2018 13:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.5	77.3





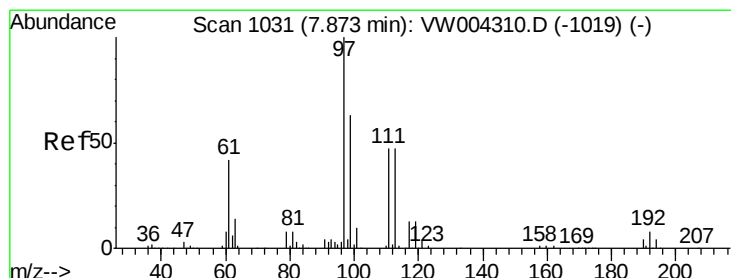
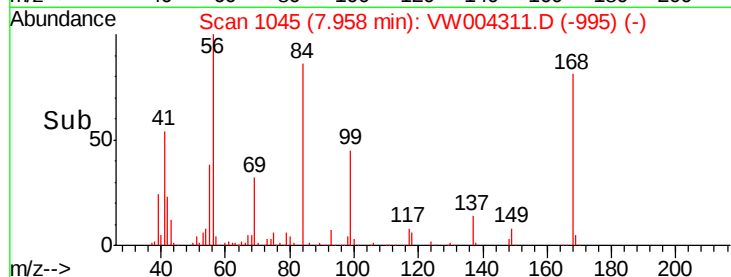
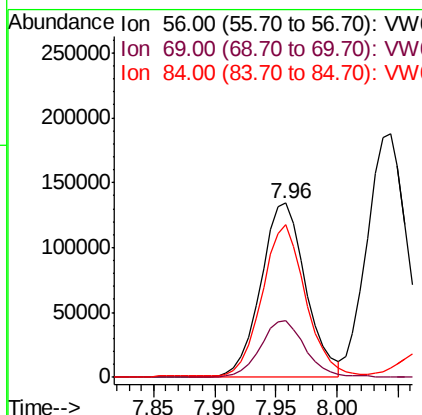
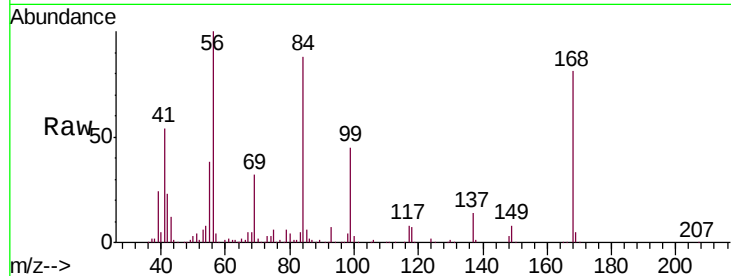
#31
Cyclohexane
Concen: 73.67 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.01 min
Lab File: VW004311.D
Acq: 29 Jul 2018 13:29

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.2	26.3	39.5
84	86.3	66.2	99.4

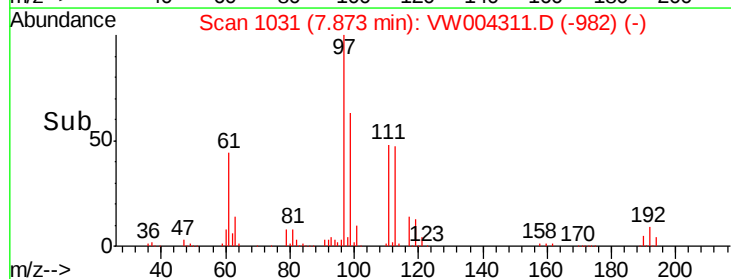
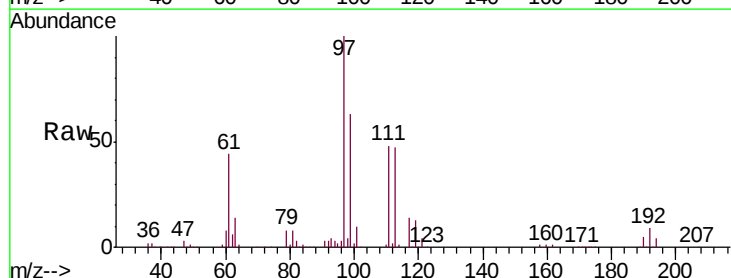
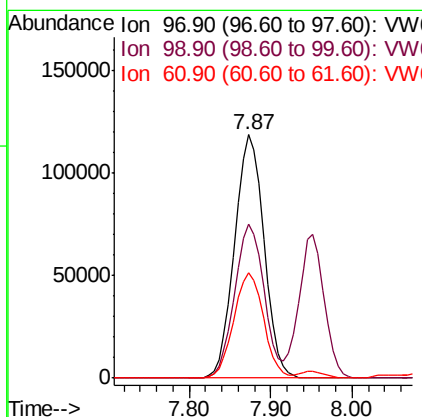
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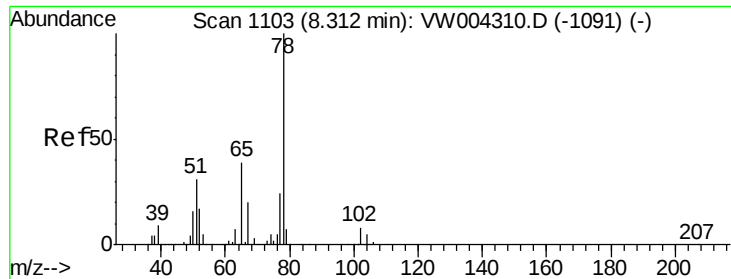
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#32
1,1,1-Trichloroethane
Concen: 71.26 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW004311.D
Acq: 29 Jul 2018 13:29

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.7	77.5
61	44.0	34.8	52.2





#33

1,2-Dichloroethane-d4

Concen: 76.02 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW004311.D

Acq: 29 Jul 2018 13:29

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tot Ion: 65 Resp: 207856

Ion Ratio Lower Upper

65 100

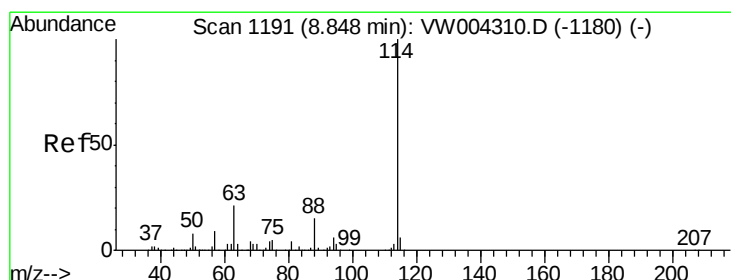
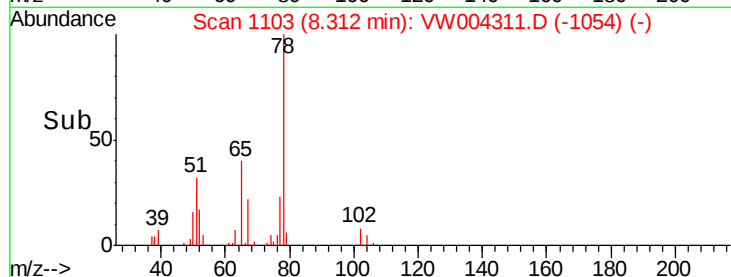
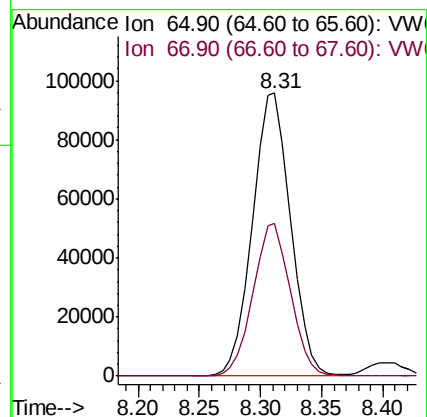
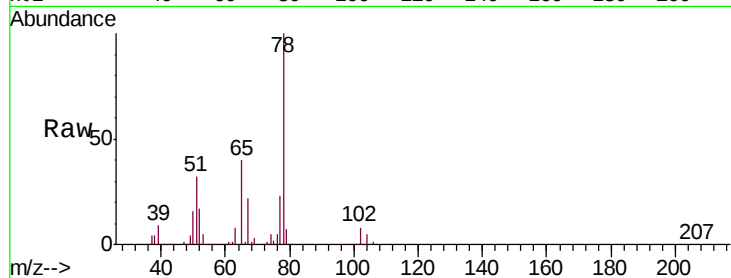
67 53.2 0.0 106.4

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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: VW004311.D

Acq: 29 Jul 2018 13:29

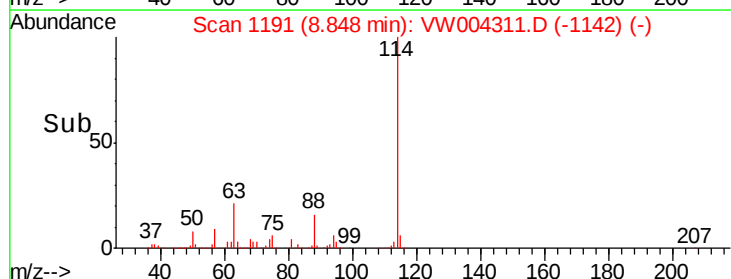
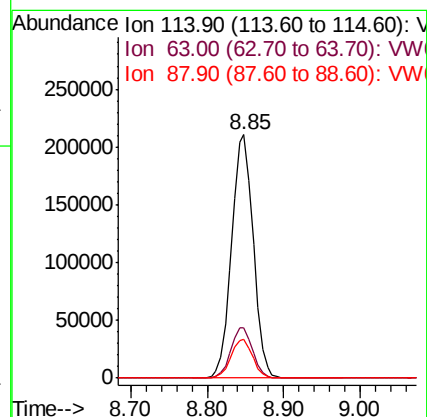
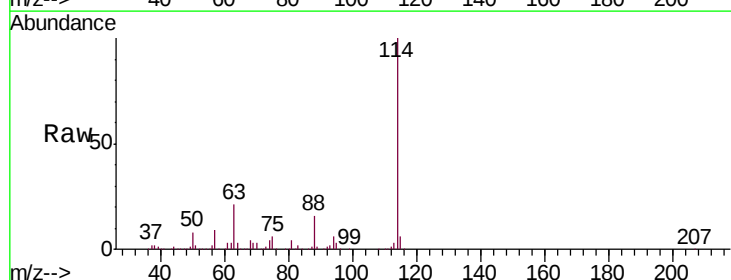
Tgt Ion: 114 Resp: 411654

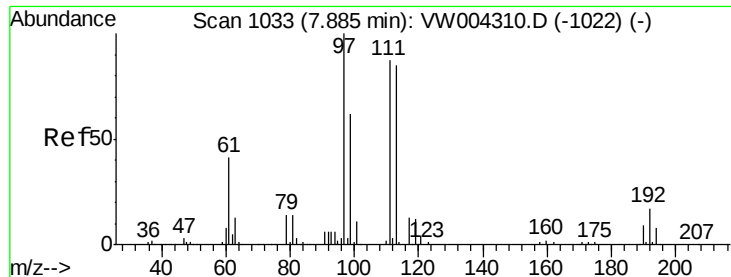
Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

88 16.2 0.0 30.6





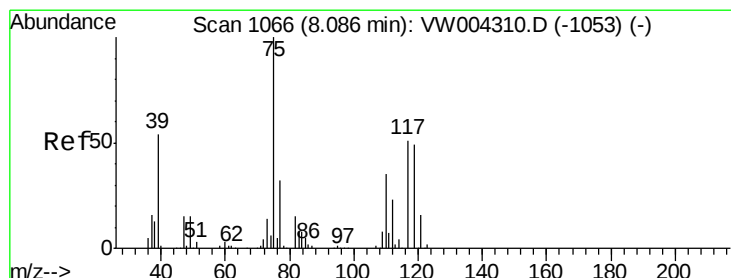
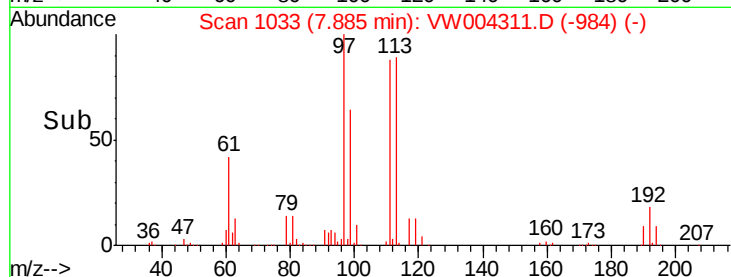
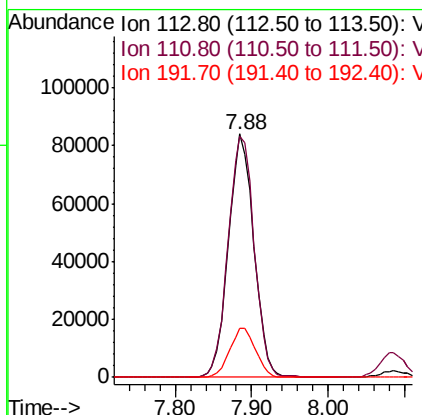
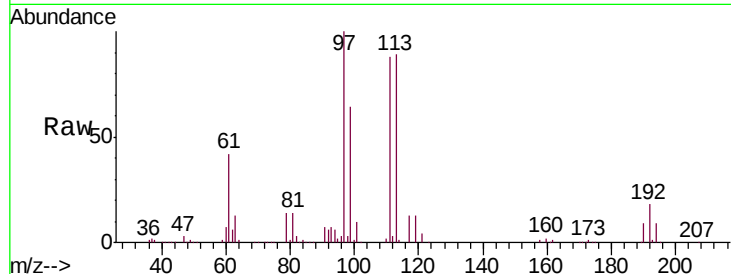
#35
 Dibromofluoromethane
 Concen: 74.09 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004311.D
 Acq: 29 Jul 2018 13:29

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
113	100	192741		
111	101.9	82.1	123.1	
192	20.6	16.2	24.4	

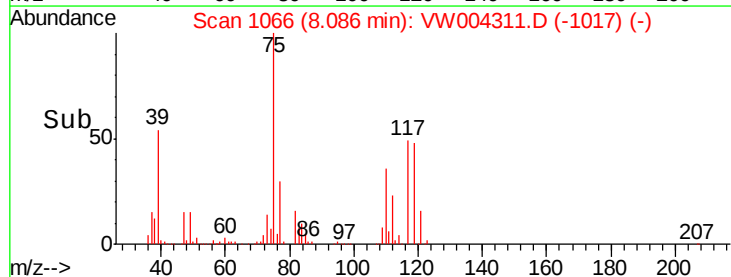
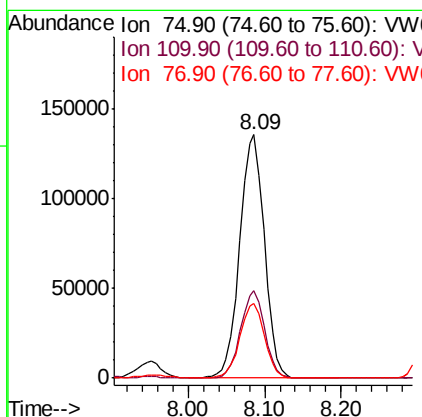
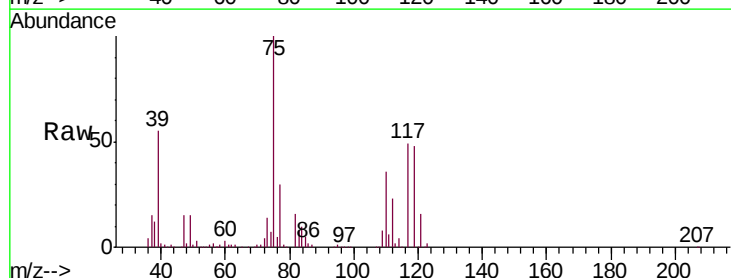
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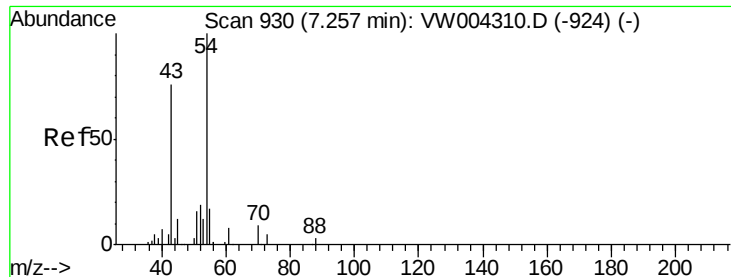
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#36
 1,1-Dichloropropene
 Concen: 73.60 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW004311.D
 Acq: 29 Jul 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	303093		
110	35.1	17.3	52.0	
77	30.9	25.0	37.6	





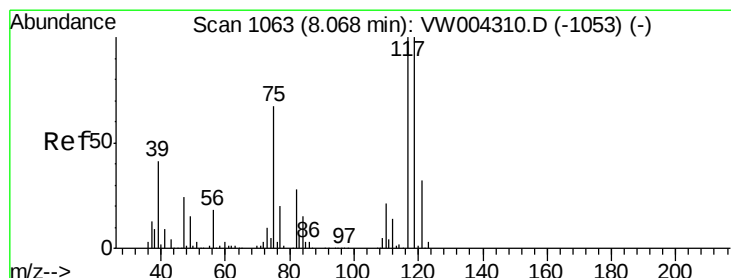
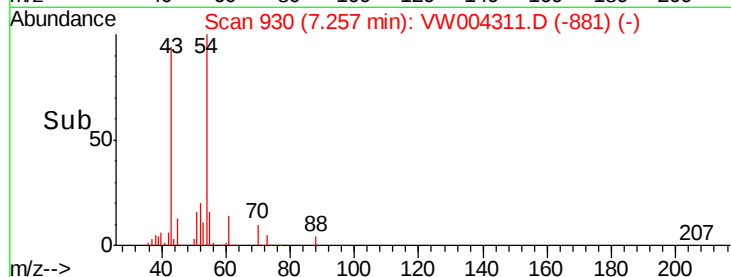
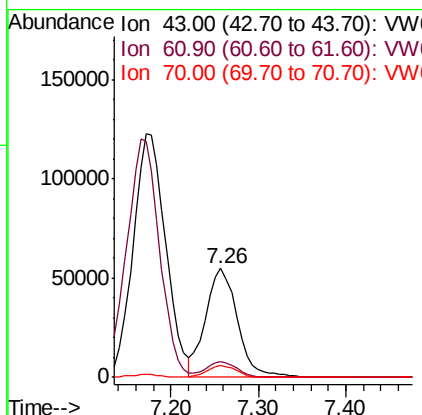
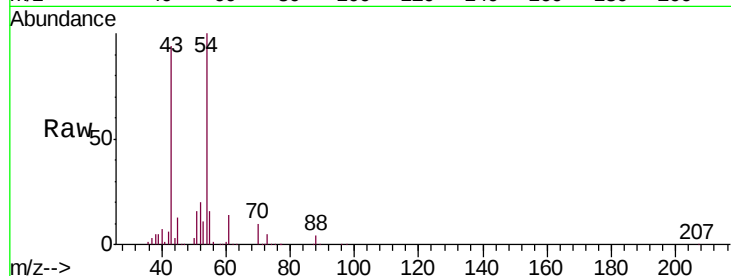
#37
Ethyl Acetate
Concen: 81.95 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW004311.D
Acq: 29 Jul 2018 13:29

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.1	16.7
70	10.1	7.8	11.6

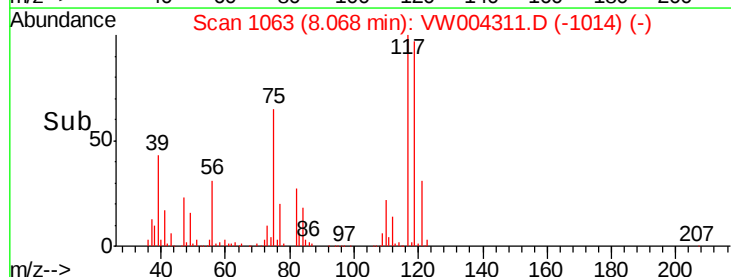
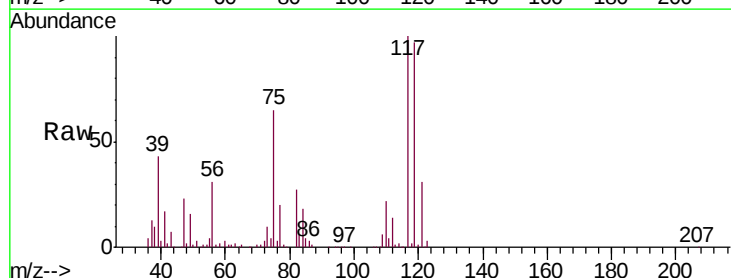
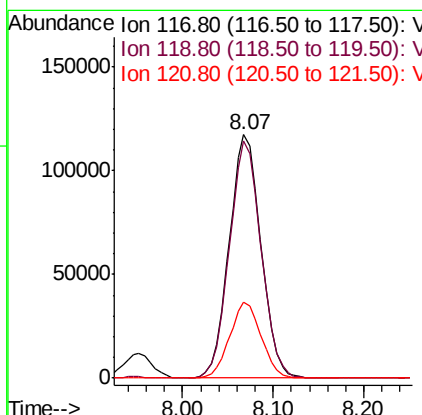
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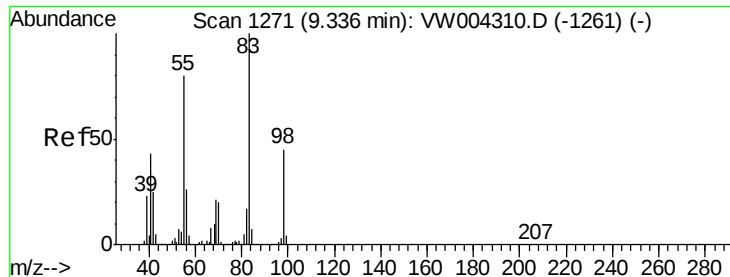
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#38
Carbon Tetrachloride
Concen: 70.27 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW004311.D
Acq: 29 Jul 2018 13:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	79.7	119.5
121	31.3	25.7	38.5





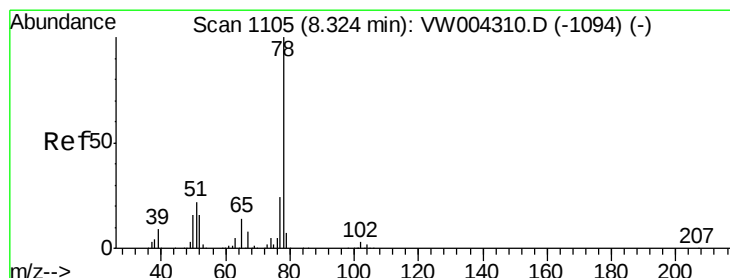
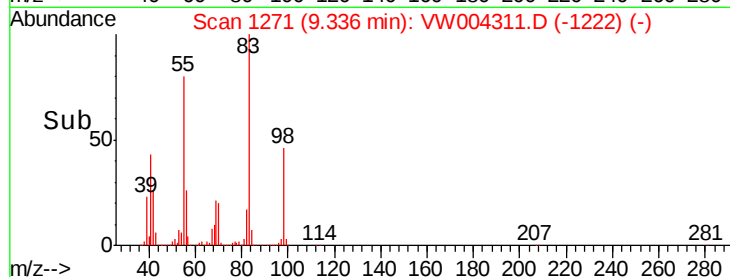
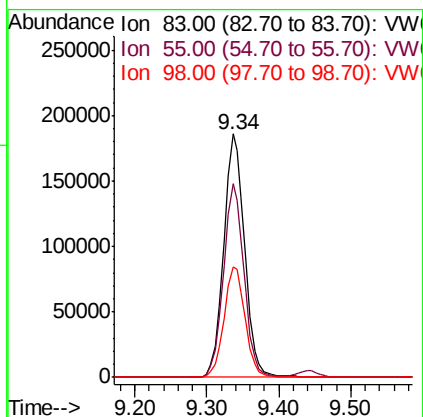
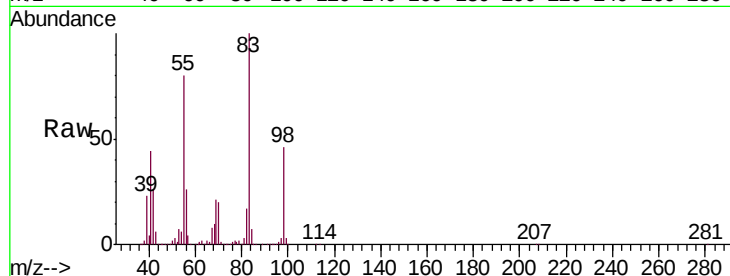
#39
Methvlcvclohexane
Concen: 75.88 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004311.D
Acq: 29 Jul 2018 13:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.7	64.3	96.5
98	45.6	36.3	54.5

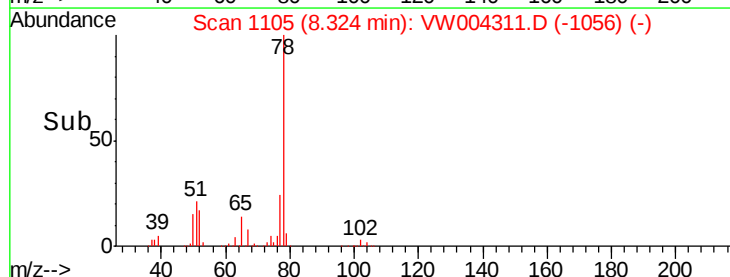
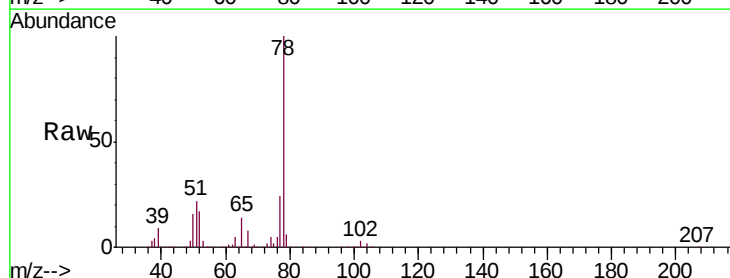
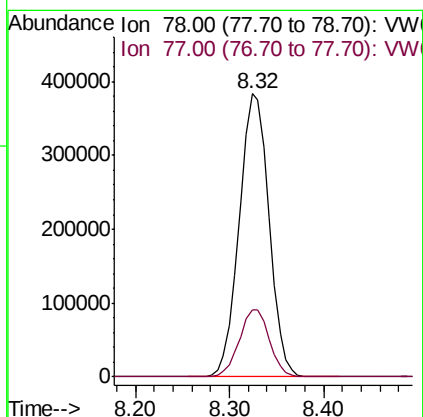
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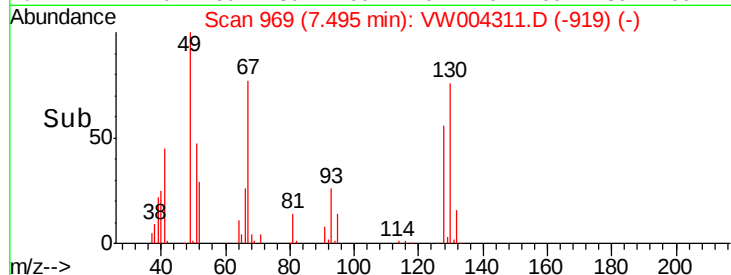
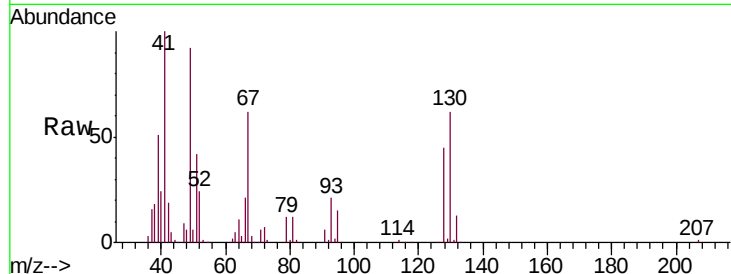
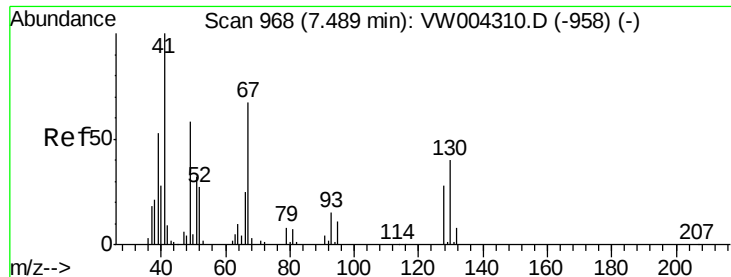
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#40
Benzene
Concen: 73.40 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW004311.D
Acq: 29 Jul 2018 13:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.4	29.0





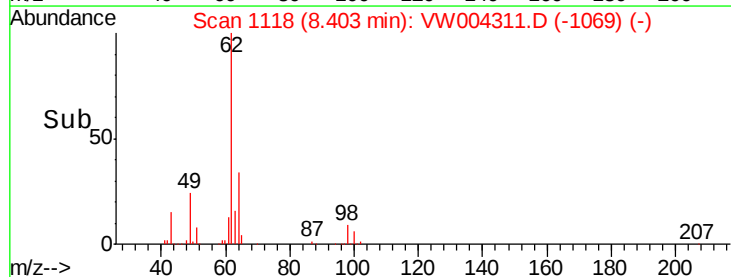
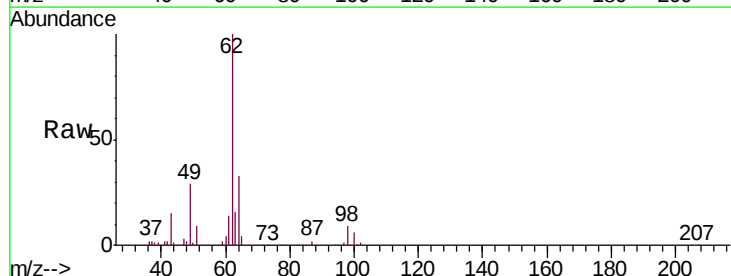
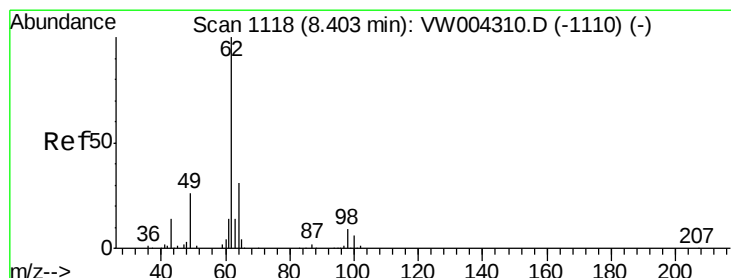
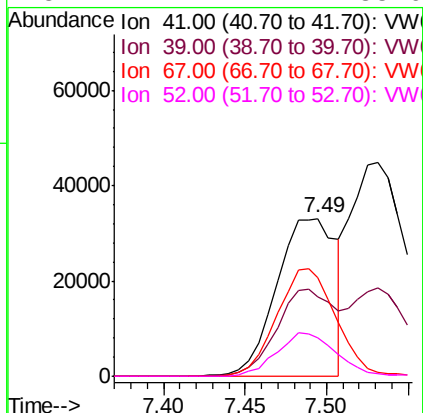
#41
Methacrylonitrile
Concen: 86.07 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.01 min
Lab File: VW004311.D
Acq: 29 Jul 2018 13:29

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		83867		
39	52.8	41.2	61.8		
67	67.9	53.4	80.0		
52	27.7	22.4	33.6		

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

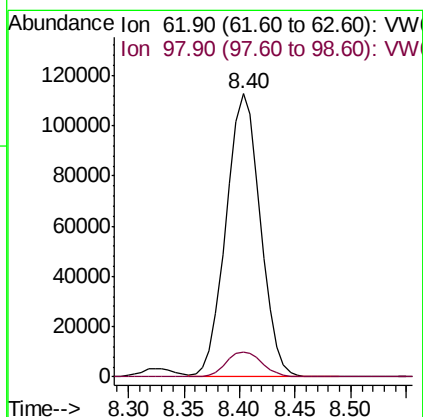
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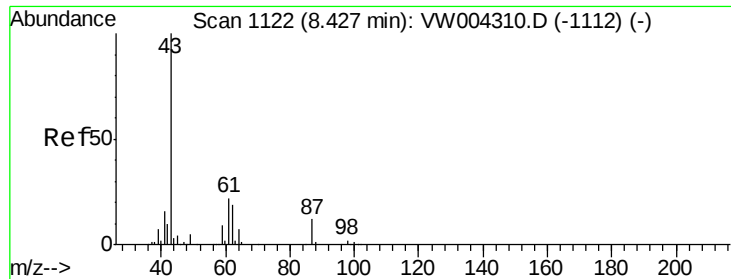
apatel
7/30/2018 10:32:32 AM



#42
1,2-Dichloroethane
Concen: 72.89 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW004311.D
Acq: 29 Jul 2018 13:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		241406		
98	9.2	0.0	18.4		





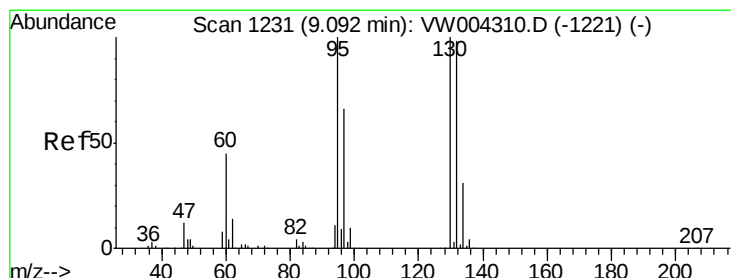
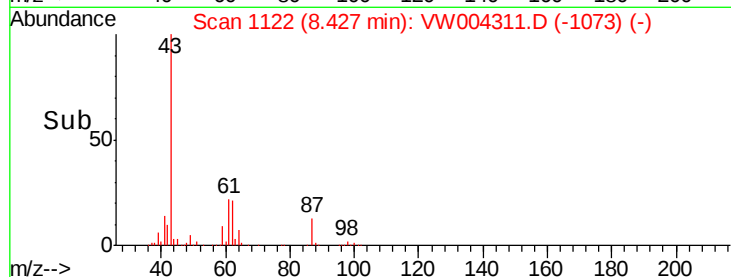
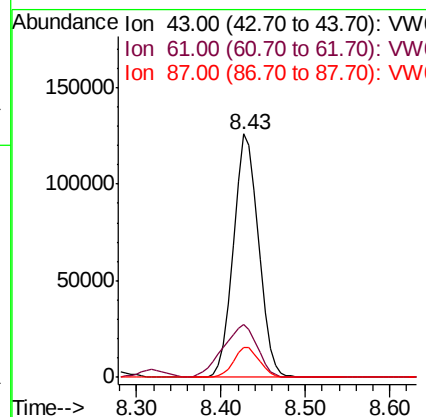
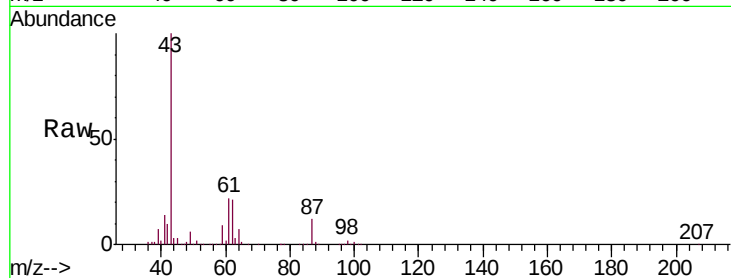
#43
Isopropyl Acetate
Concen: 83.84 ug/l
RT: 8.43 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VW004311.D
Acq: 29 Jul 2018 13:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.9	24.5	36.7
87	12.7	10.4	15.6

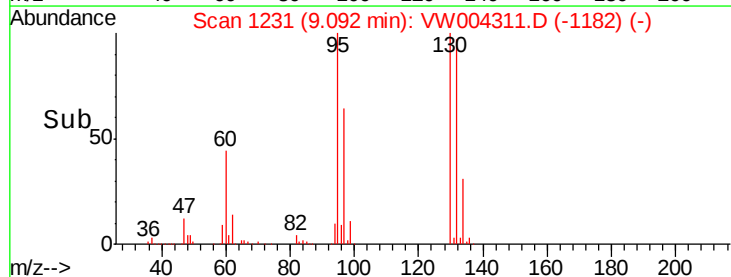
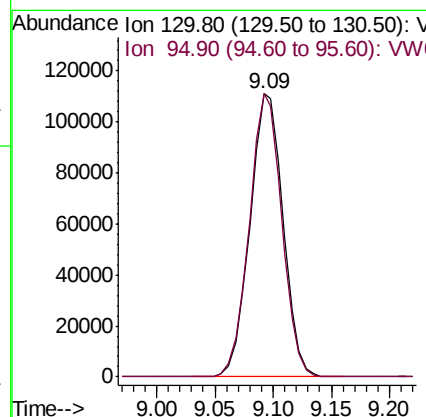
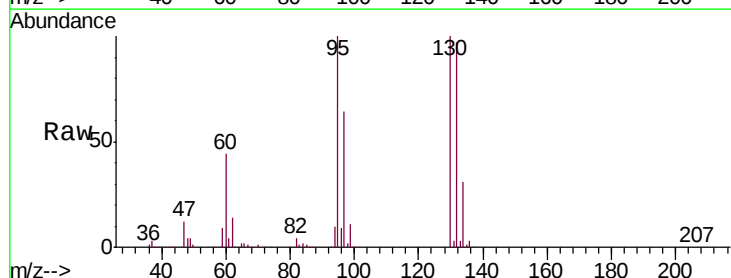
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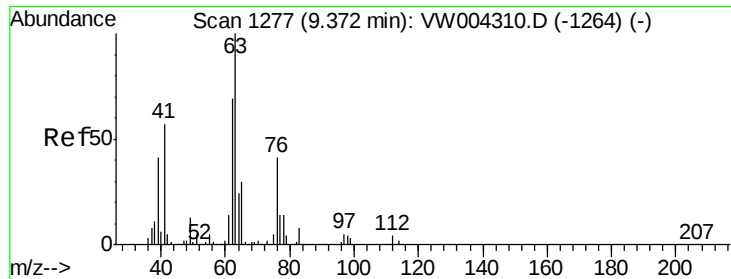
apatel
7/30/2018 10:32:32 AM



#44
Trichloroethene
Concen: 70.43 ug/l
RT: 9.09 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VW004311.D
Acq: 29 Jul 2018 13:29

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.9	0.0	199.4





#45

1,2-Dichloropropane

Concen: 74.84 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW004311.D

Acq: 29 Jul 2018 13:29

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tot Ion: 63 Resp: 215154

Ion Ratio Lower Upper

63 100

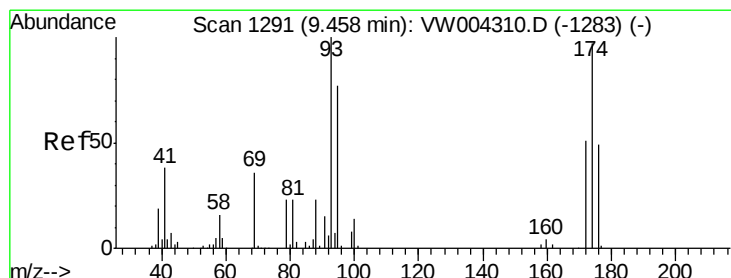
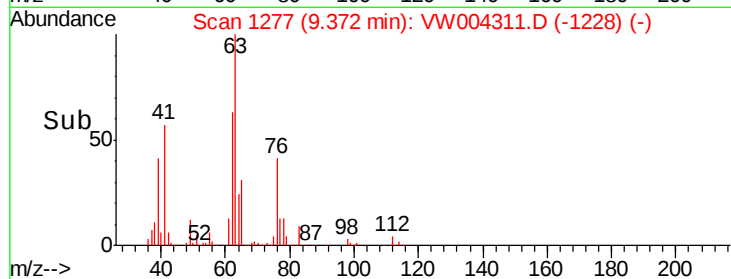
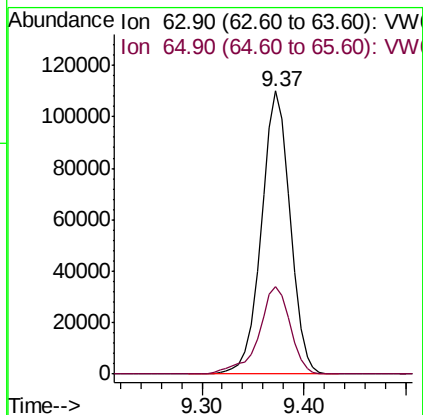
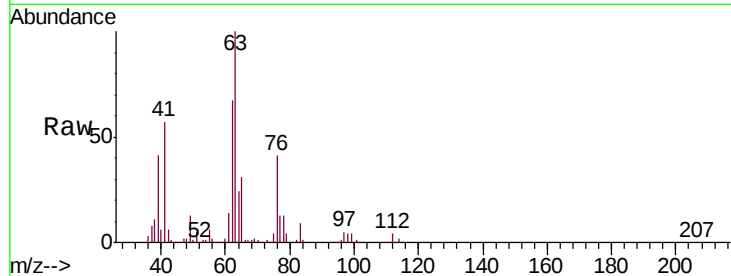
65 31.1 23.9 35.9

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#46

Dibromomethane

Concen: 74.46 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.01 min

Lab File: VW004311.D

Acq: 29 Jul 2018 13:29

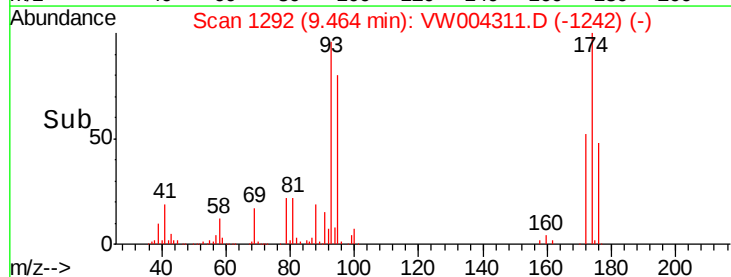
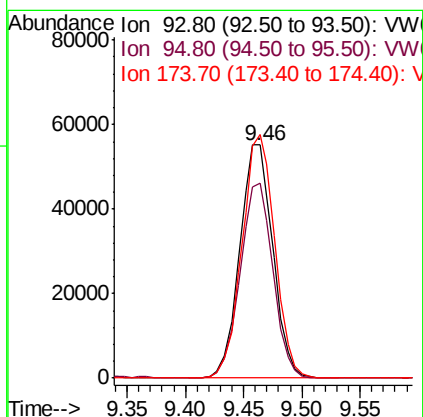
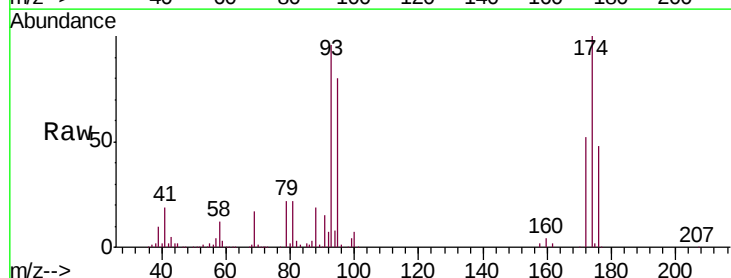
Tgt Ion: 93 Resp: 109303

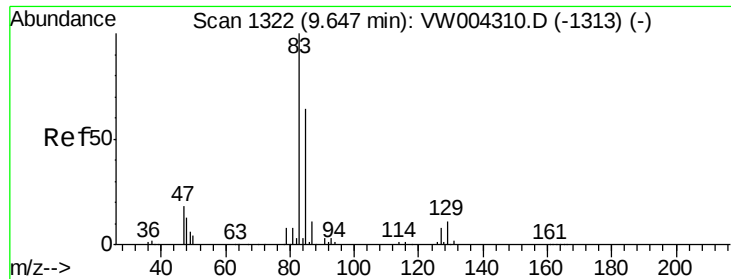
Ion Ratio Lower Upper

93 100

95 82.9 65.8 98.8

174 103.4 83.7 125.5





#47

Bromodichloromethane

Concen: 72.81 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW004311.D

Acq: 29 Jul 2018 13:29

Instrument :

MSVOA_W

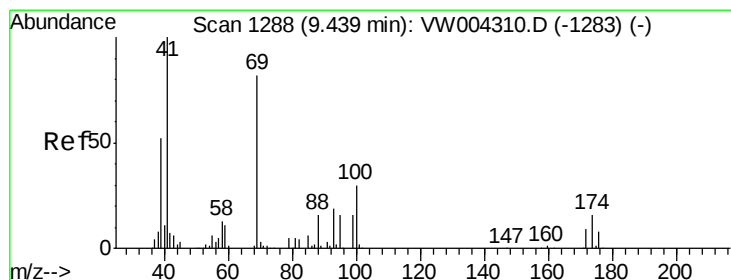
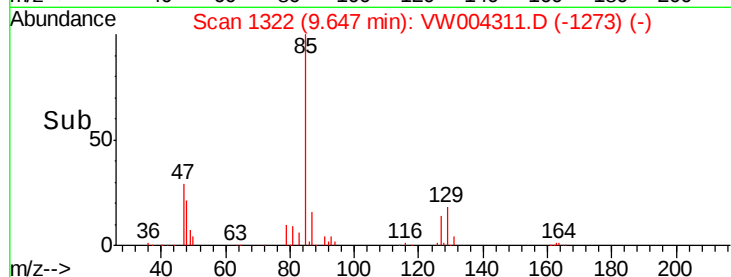
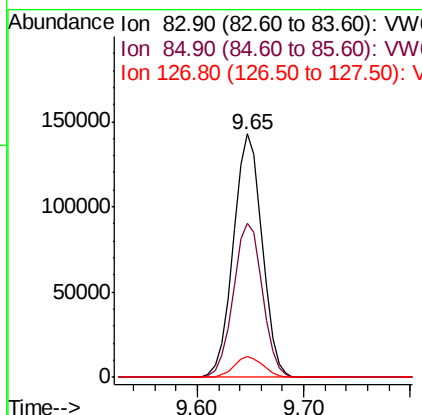
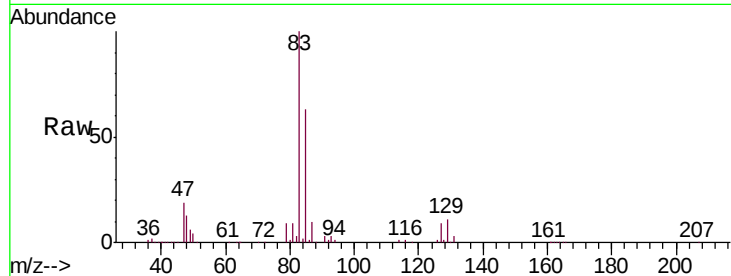
ClientSampleId :

VSTDIC075

Tot Ion:	83	Resp:	271094
Ion Ratio	Lower	Upper	
83	100		
85	63.4	51.3	76.9
127	8.7	6.6	9.8

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#48

Methyl methacrylate

Concen: 81.66 ug/l

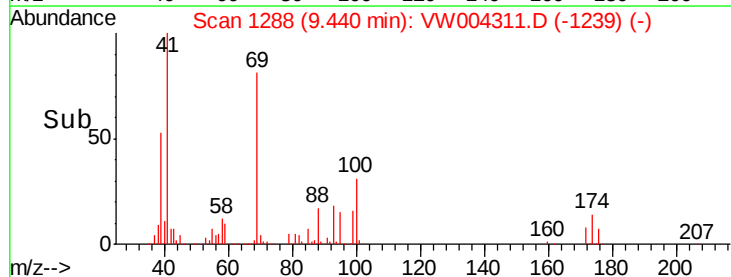
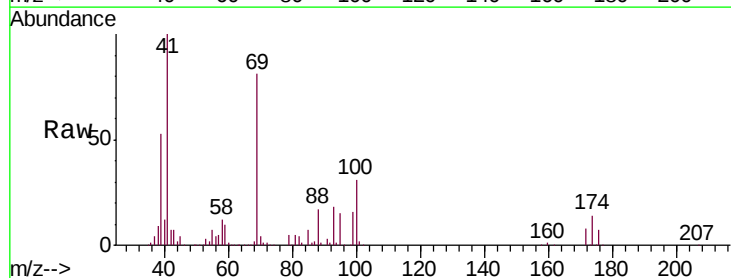
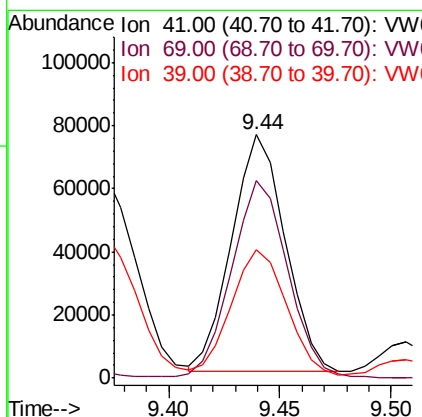
RT: 9.44 min Scan# 1288

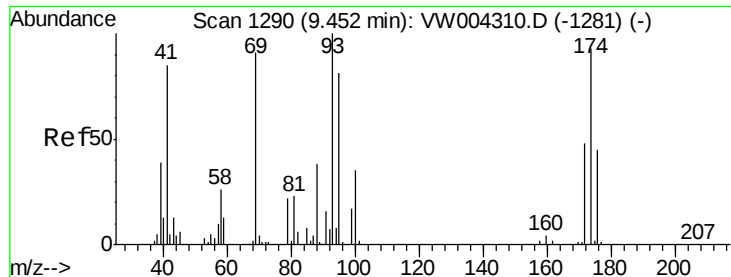
Delta R.T. 0.00 min

Lab File: VW004311.D

Acq: 29 Jul 2018 13:29

Tgt Ion:	41	Resp:	126491
Ion Ratio	Lower	Upper	
41	100		
69	87.5	69.7	104.5
39	53.9	41.8	62.8





#49

1,4-Dioxane

Concen: 1646.26 ug/l

RT: 9.45 min Scan# 1290

Delta R.T. 0.00 min

Lab File: VW004311.D

Acq: 29 Jul 2018 13:29

Instrument :

MSVOA_W

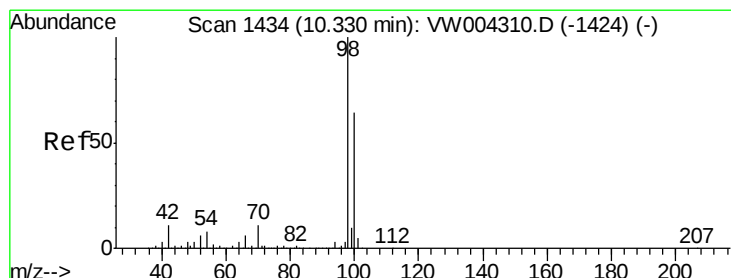
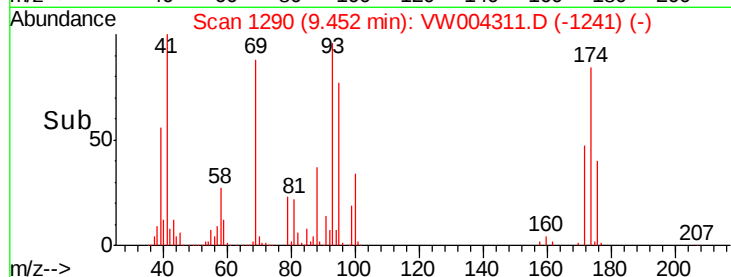
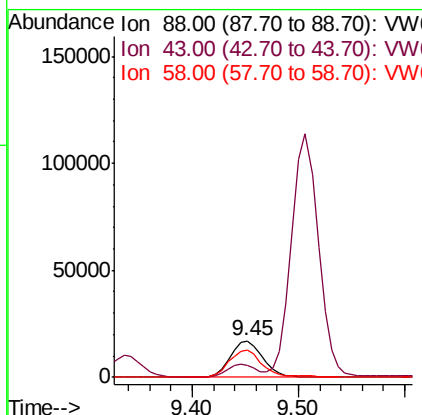
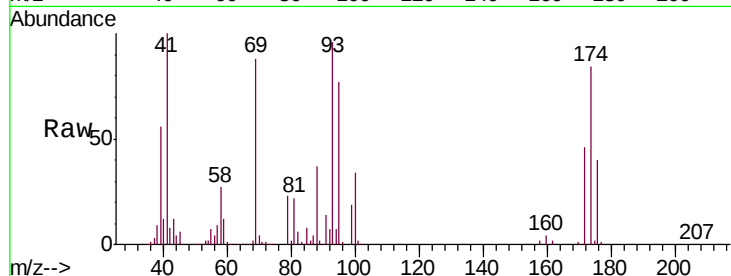
ClientSampleId :

VSTDIC075

Tot Ion:	88	Resp:	36635
Ion	Ratio	Lower	Upper
88	100		
43	32.3	28.3	42.5
58	77.4	60.2	90.4

Manual Integrations
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#50

Toluene-d8

Concen: 75.02 ug/l

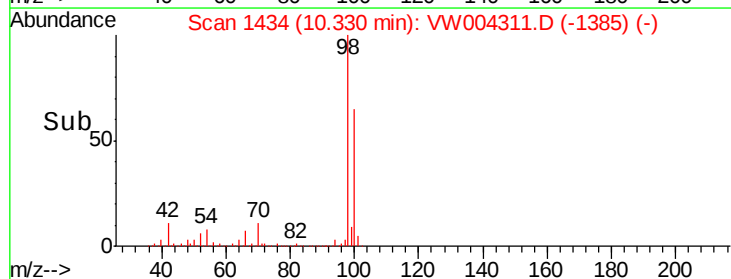
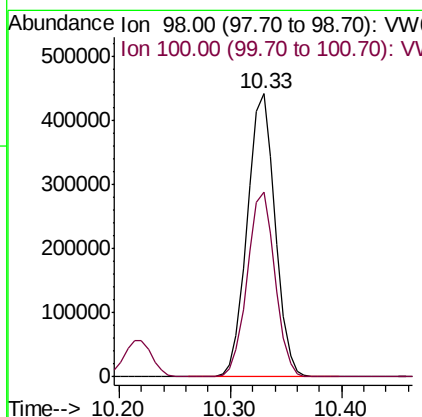
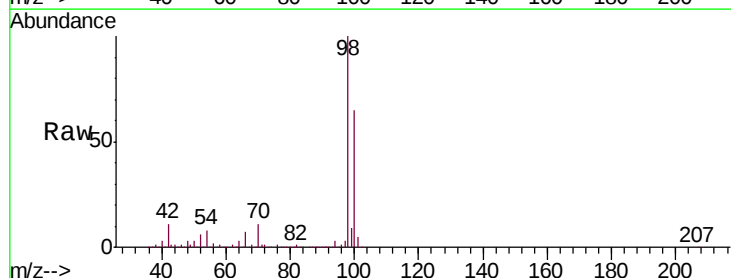
RT: 10.33 min Scan# 1434

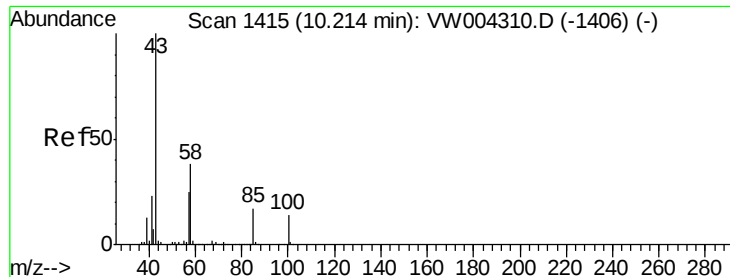
Delta R.T. 0.00 min

Lab File: VW004311.D

Acq: 29 Jul 2018 13:29

Tgt Ion:	98	Resp:	771263
Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 413.61 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW004311.D

Acq: 29 Jul 2018 13:29

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tot Ion: 43 Resp: 690399

Ion Ratio Lower Upper

43 100

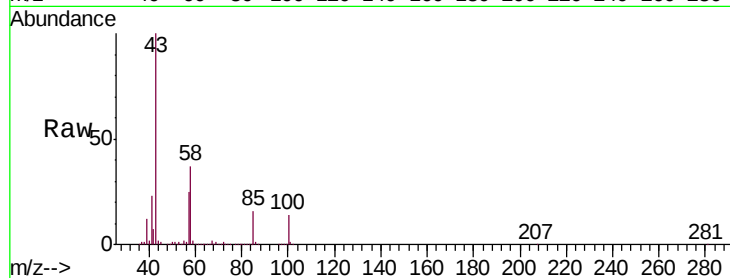
58 38.2 30.6 45.8

Manual Integrations

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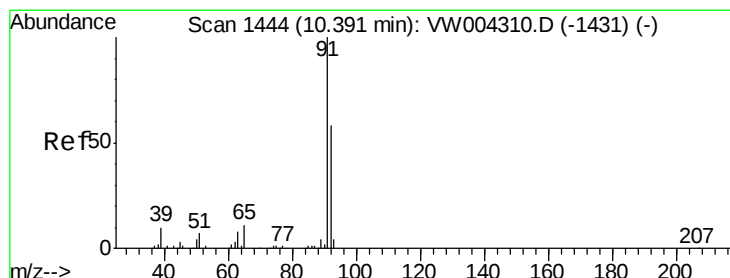
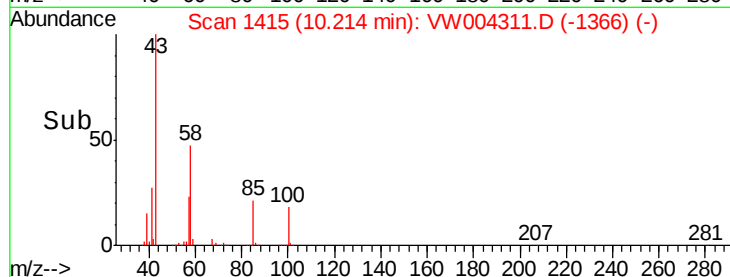
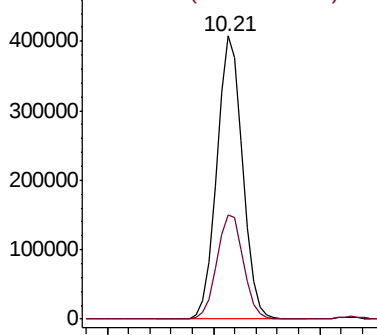
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 72.89 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004311.D

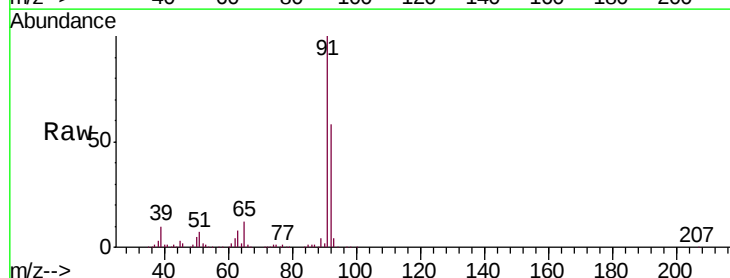
Acq: 29 Jul 2018 13:29

Tgt Ion: 92 Resp: 530168

Ion Ratio Lower Upper

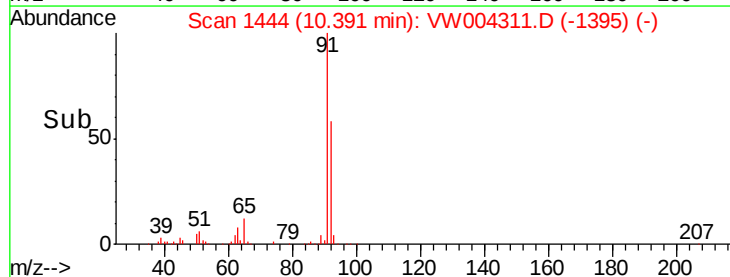
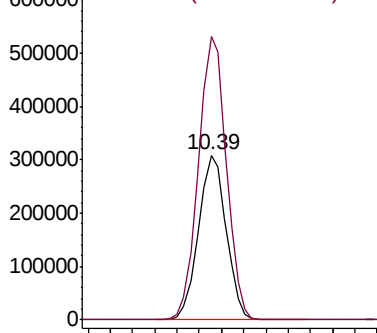
92 100

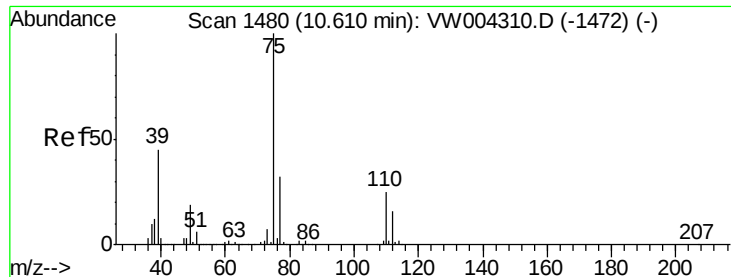
91 173.8 139.0 208.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





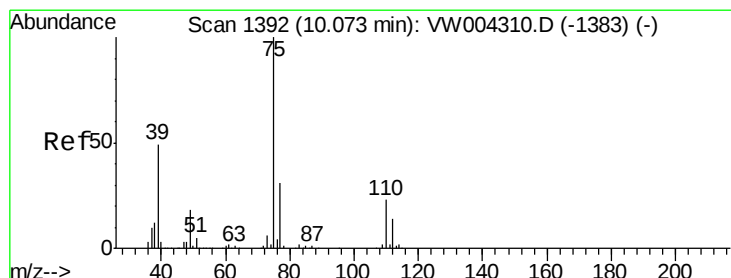
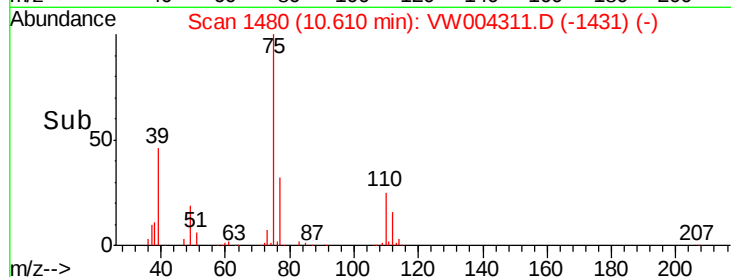
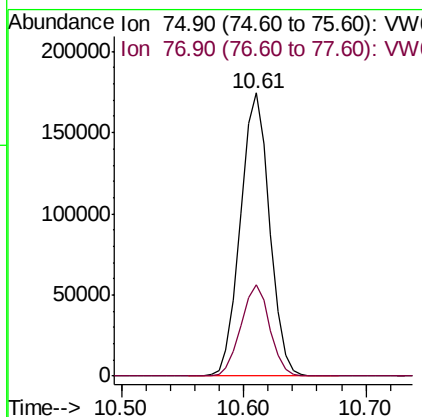
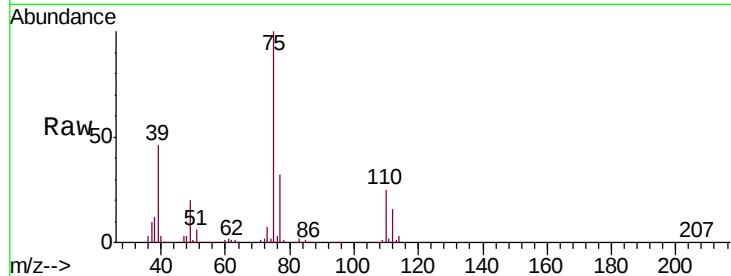
#53
t-1,3-Dichloropropene
Concen: 77.18 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW004311.D
Acq: 29 Jul 2018 13:29

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.8	38.6

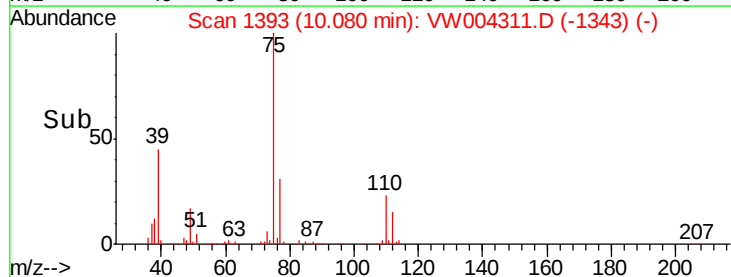
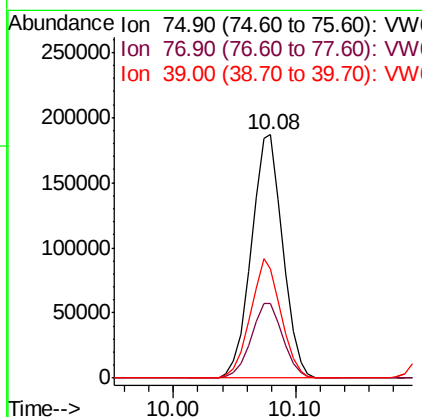
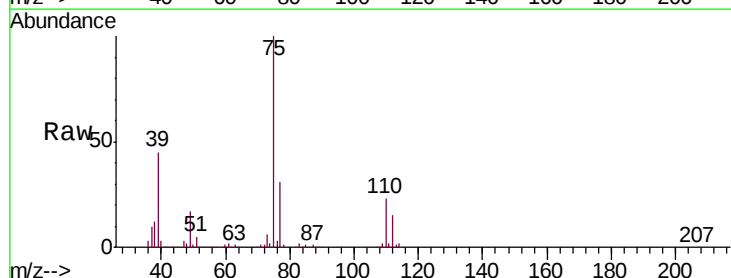
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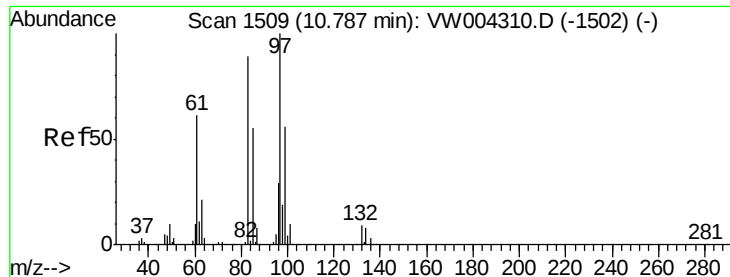
apatel
7/30/2018 10:32:32 AM



#54
cis-1,3-Dichloropropene
Concen: 76.61 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. 0.01 min
Lab File: VW004311.D
Acq: 29 Jul 2018 13:29

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.5	25.0	37.4
39	45.0	39.0	58.6





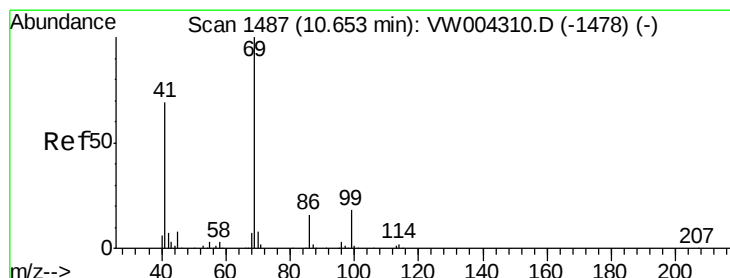
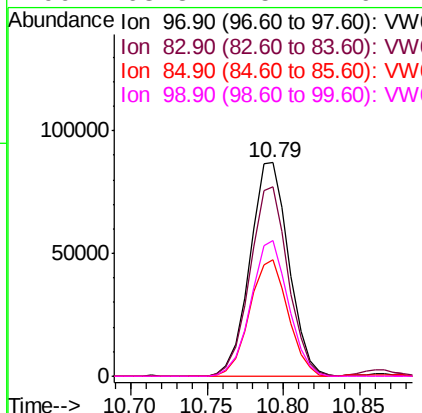
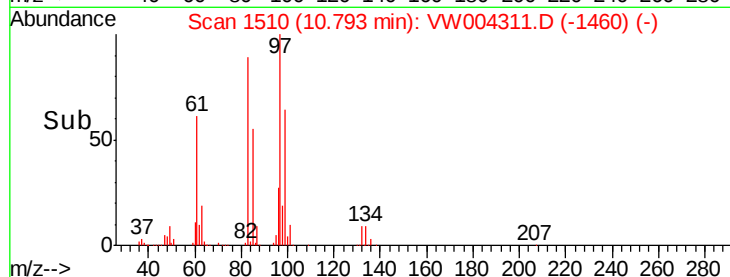
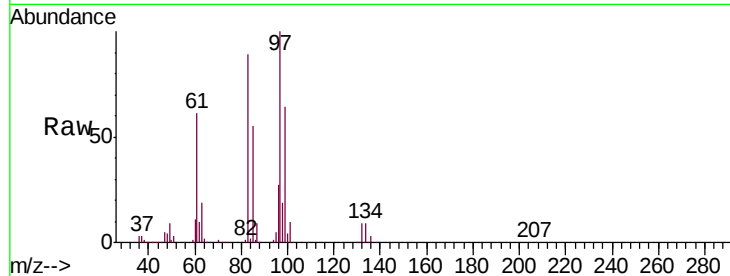
#55
 1,1,2-Trichloroethane
 Concen: 73.14 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: VW004311.D
 Acq: 29 Jul 2018 13:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion:	97	Resp:	152977
Ion	Ratio	Lower	Upper
97	100		
83	88.9	70.8	106.2
85	54.8	43.7	65.5
99	63.8	45.1	67.7

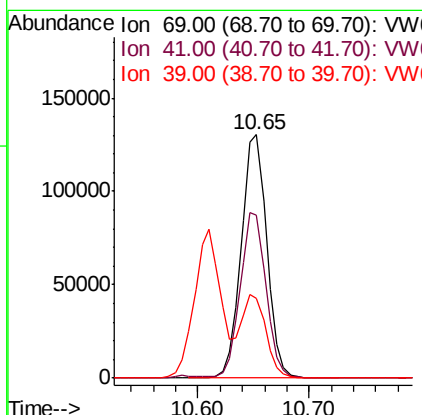
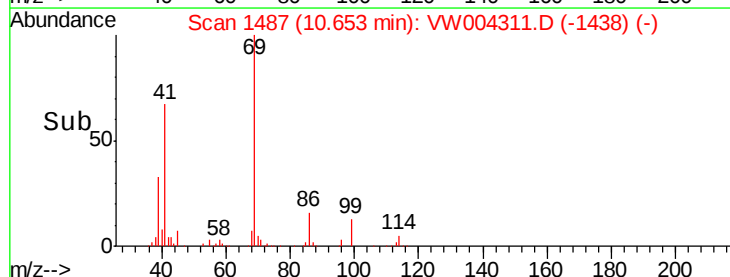
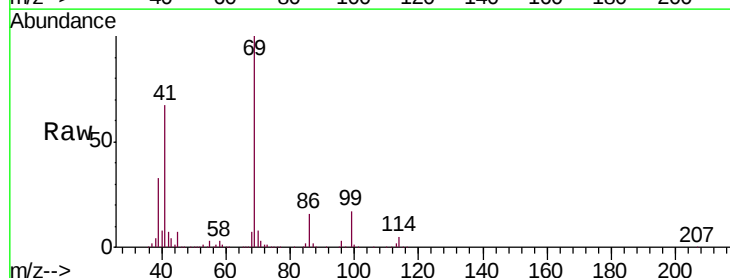
Manual Integrations
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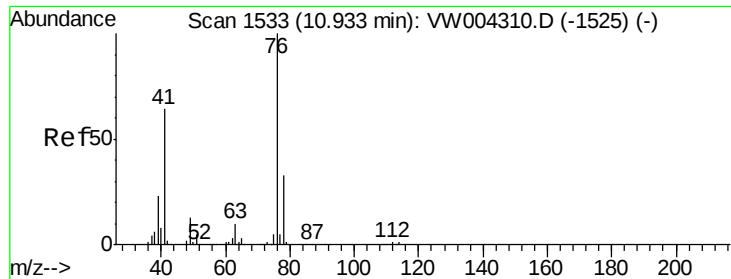
apatel
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#56
 Ethyl methacrylate
 Concen: 81.83 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004311.D
 Acq: 29 Jul 2018 13:29

Tgt Ion:	69	Resp:	207116
Ion	Ratio	Lower	Upper
69	100		
41	68.5	54.7	82.1
39	34.6	24.4	36.6





#57

1,3-Dichloropropane

Concen: 74.41 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.01 min

Lab File: VW004311.D

Acq: 29 Jul 2018 13:29

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tot Ion: 76 Resp: 265166

Ion Ratio Lower Upper

76 100

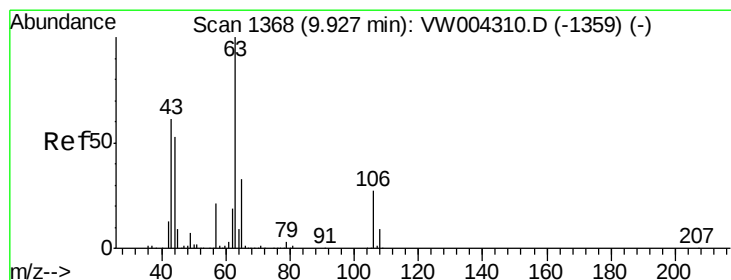
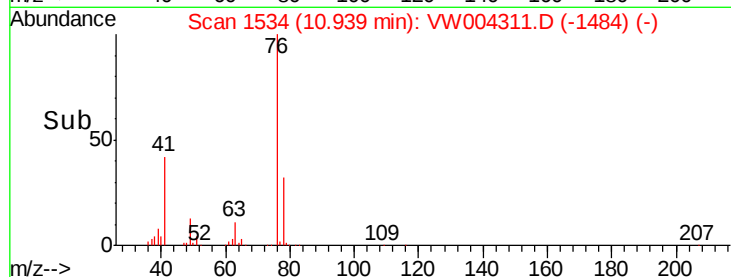
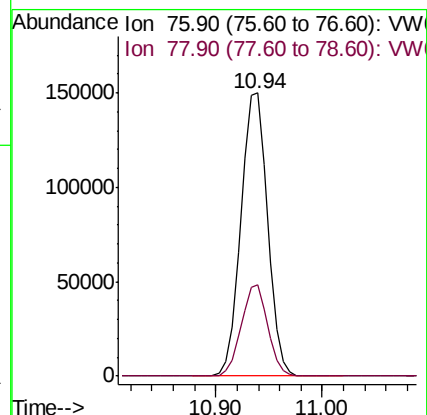
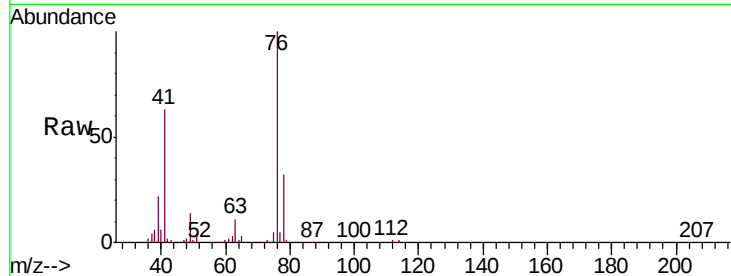
78 32.0 25.6 38.4

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#58

2-Chloroethyl Vinyl ether

Concen: 406.61 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW004311.D

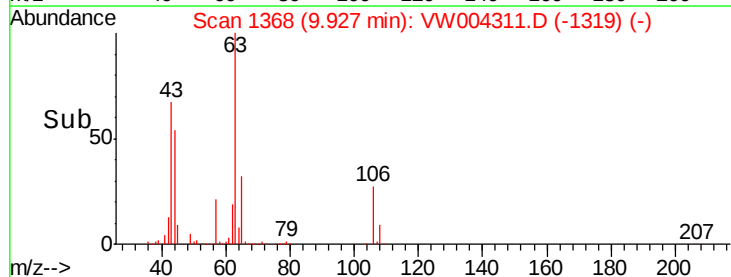
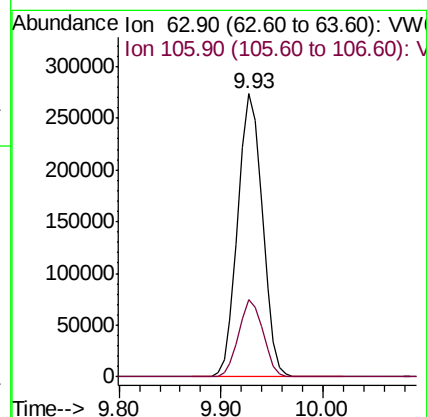
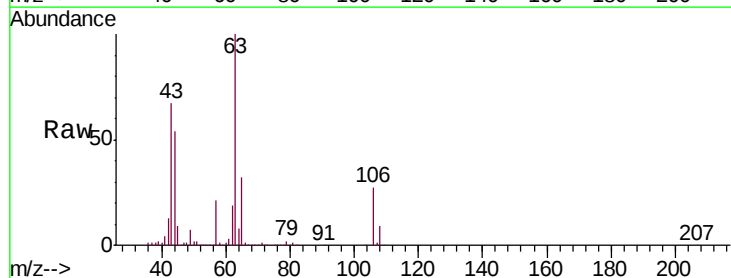
Acq: 29 Jul 2018 13:29

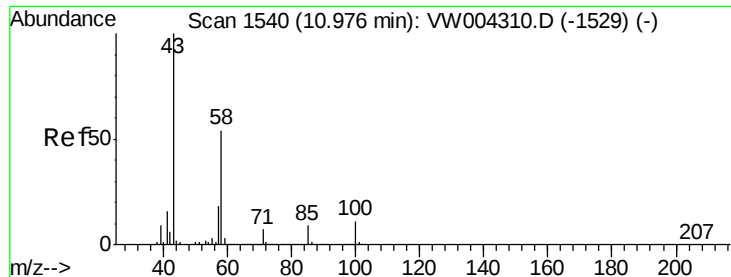
Tgt Ion: 63 Resp: 457157

Ion Ratio Lower Upper

63 100

106 26.9 21.9 32.9





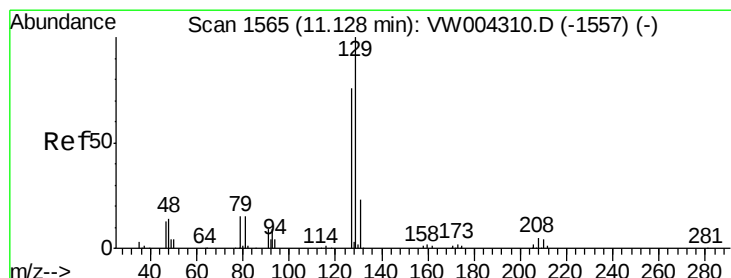
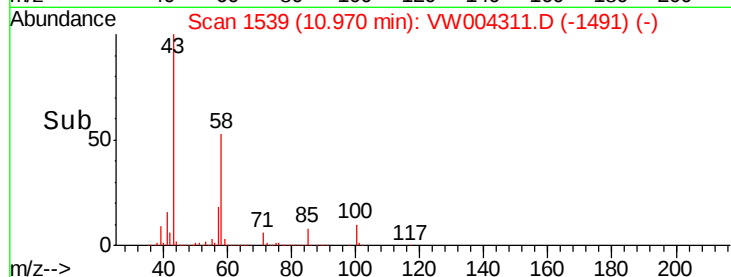
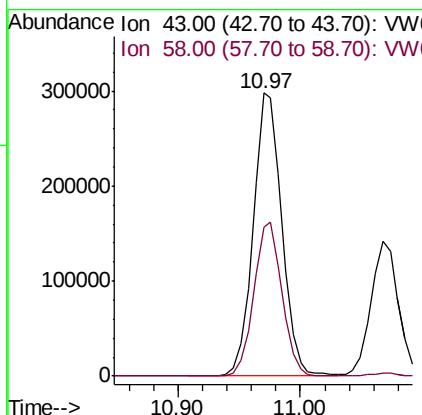
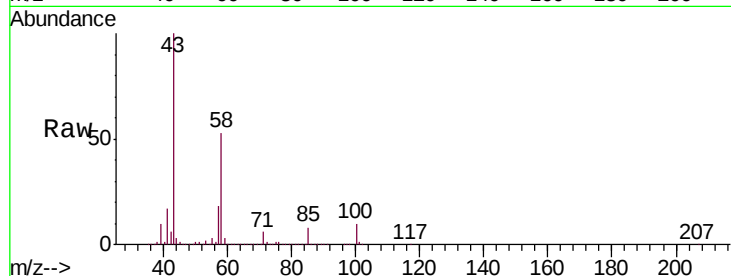
#59
2-Hexanone
Concen: 422.42 ug/l
RT: 10.97 min Scan# 1539
Delta R.T. -0.01 min
Lab File: VW004311.D
Acq: 29 Jul 2018 13:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	43	Resp	484151
Ion Ratio	100	Lower	Upper
43	100		
58	53.7	26.5	79.4

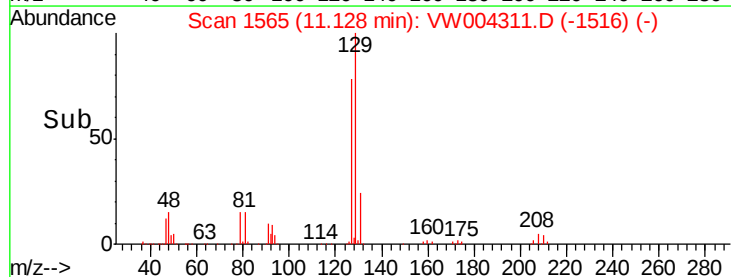
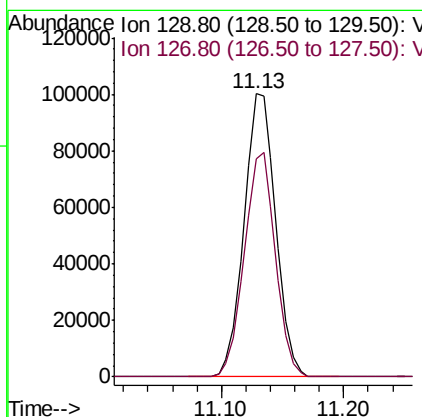
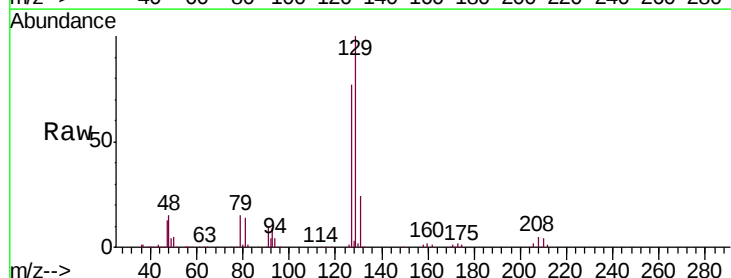
Manual Integrations
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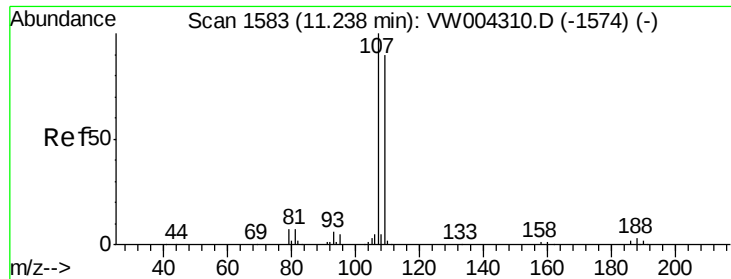
apatel
7/30/2018 10:32:32 AM



#60
Dibromochloromethane
Concen: 72.05 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VW004311.D
Acq: 29 Jul 2018 13:29

Tgt Ion	129	Resp	180315	
Ion Ratio	129	100	Lower	Upper
129	100			
127	77.7	38.9	116.7	





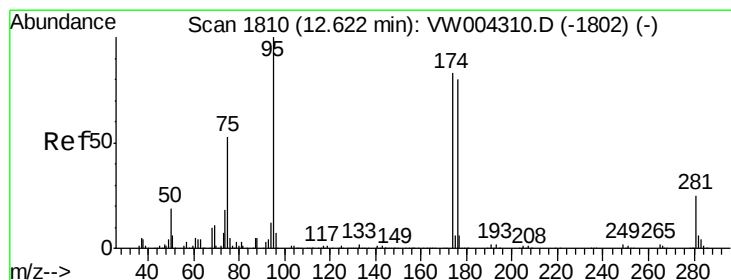
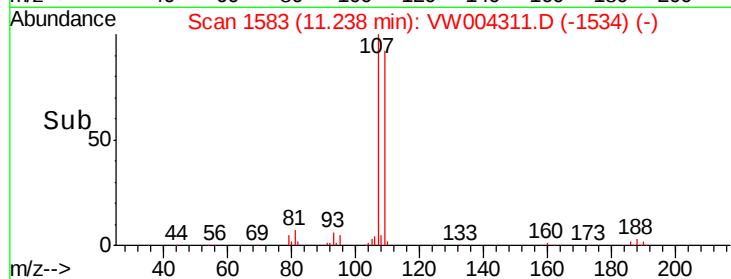
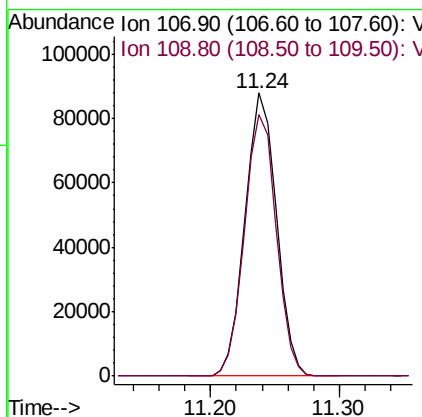
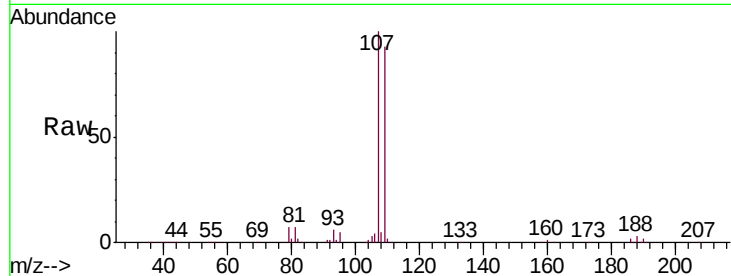
#61
 1,2-Dibromoethane
 Concen: 74.18 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW004311.D
 Acq: 29 Jul 2018 13:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.7	74.6	112.0

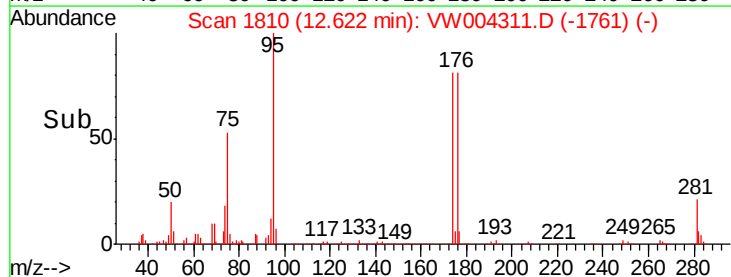
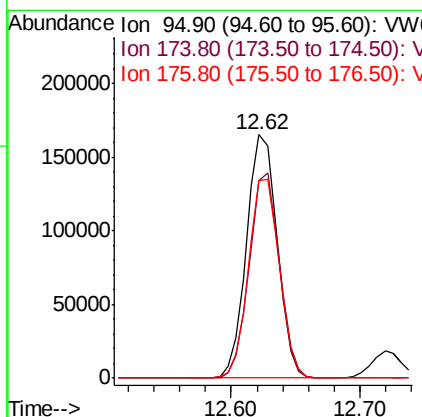
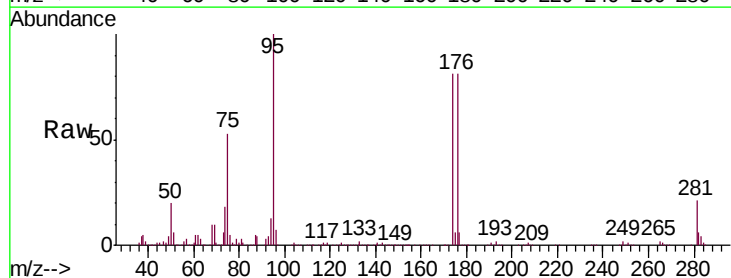
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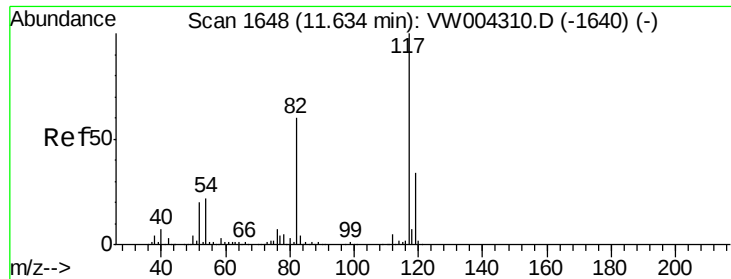
apatel
 7/30/2018 10:32:32 AM



#62
 4-Bromofluorobenzene
 Concen: 74.85 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004311.D
 Acq: 29 Jul 2018 13:29

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.8	0.0	167.8
176	81.8	0.0	162.4





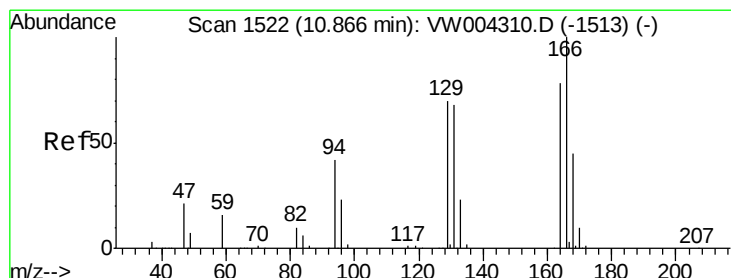
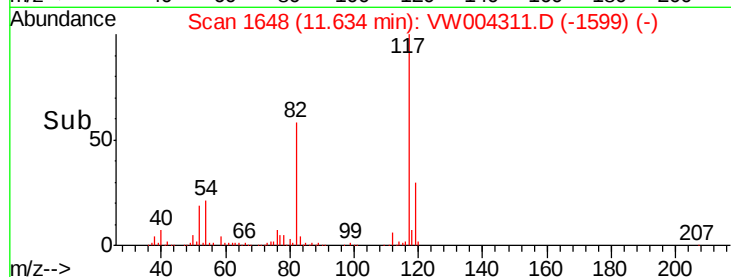
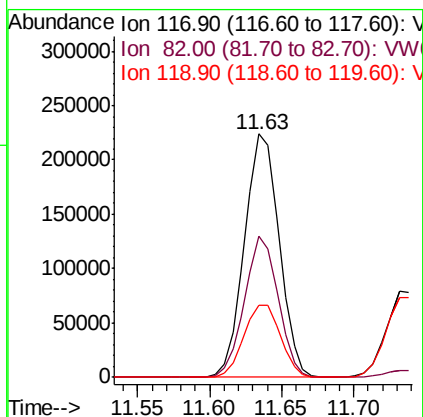
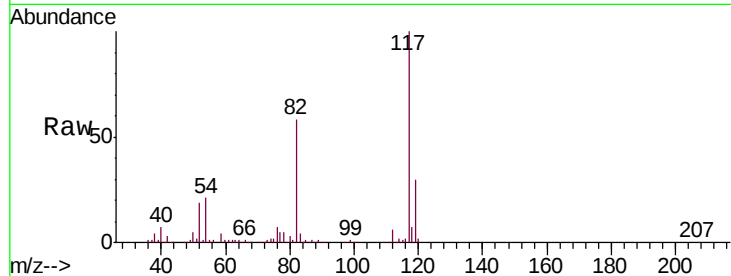
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004311.D
Acq: 29 Jul 2018 13:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.2	47.9	71.9
119	29.8	27.1	40.7

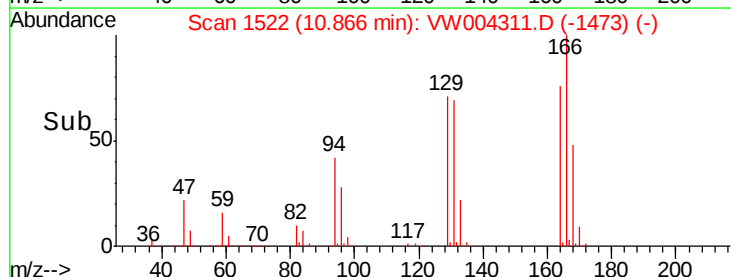
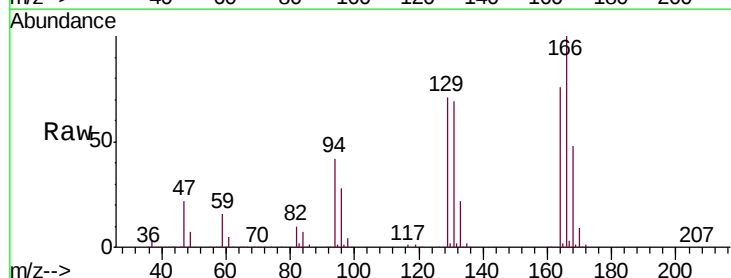
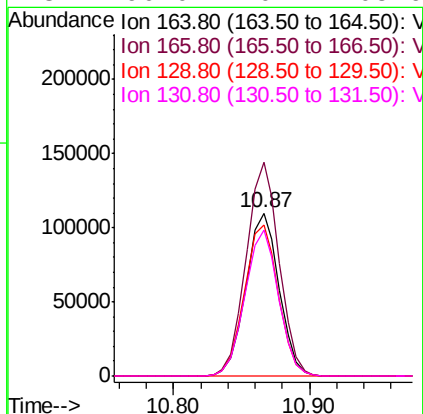
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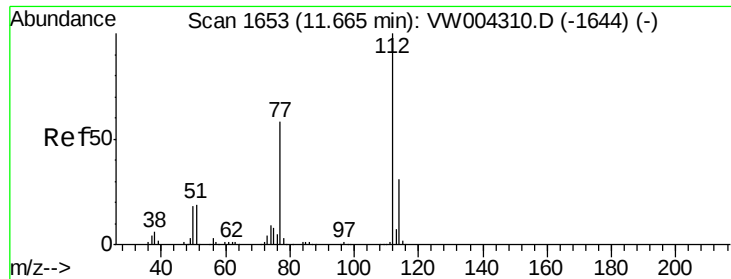
apatel
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#64
Tetrachloroethene
Concen: 68.31 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004311.D
Acq: 29 Jul 2018 13:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.3	103.2	154.8
129	92.9	72.1	108.1
131	90.0	70.4	105.6





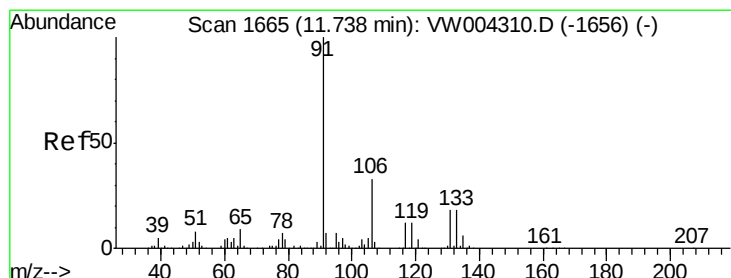
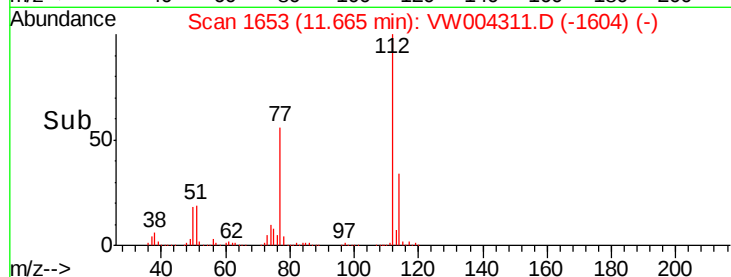
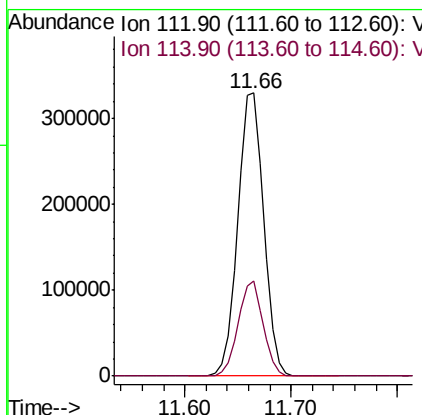
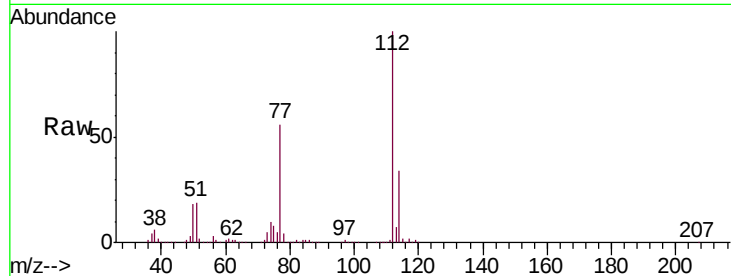
#65
Chlorobenzene
Concen: 71.69 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW004311.D
Acq: 29 Jul 2018 13:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.5	24.7	37.1

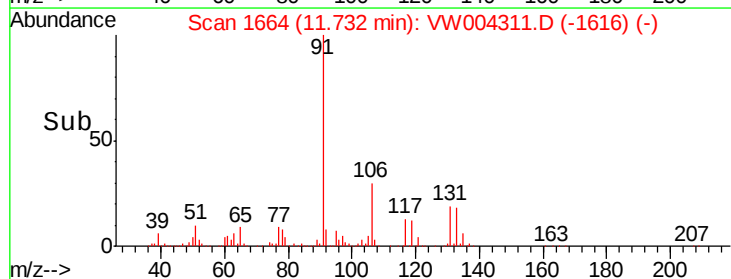
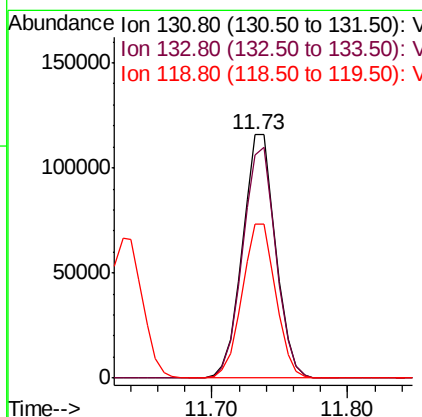
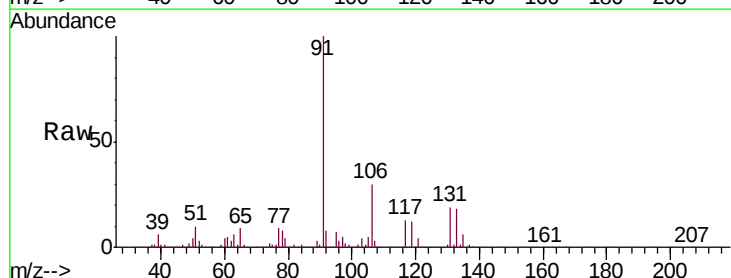
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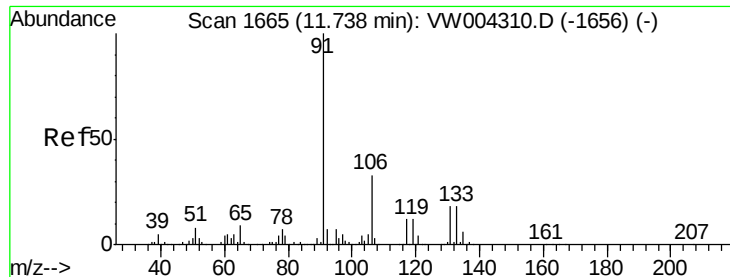
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#66
1,1,1,2-Tetrachloroethane
Concen: 71.14 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VW004311.D
Acq: 29 Jul 2018 13:29

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.1	48.6	145.9
119	64.2	33.1	99.5





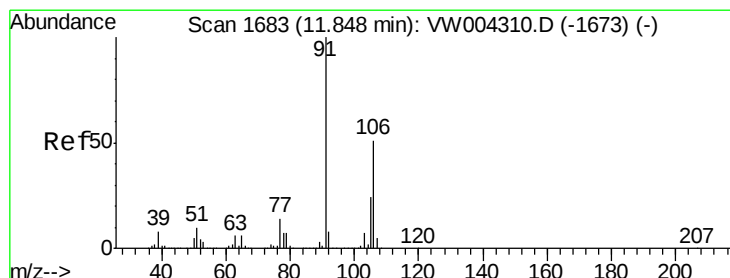
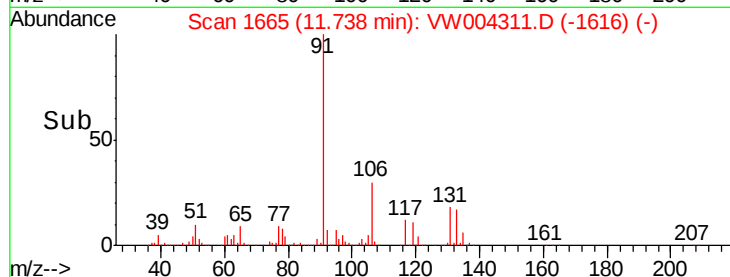
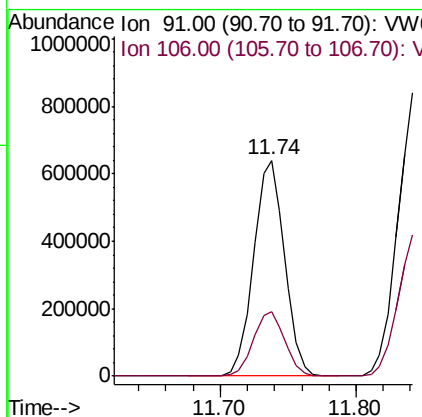
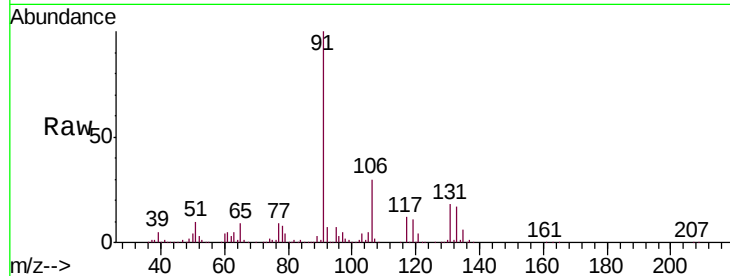
#67
Ethyl Benzene
Concen: 74.45 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004311.D
Acq: 29 Jul 2018 13:29

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion: 91 Resp: 1021031
Ion Ratio Lower Upper
91 100
106 29.6 26.1 39.1

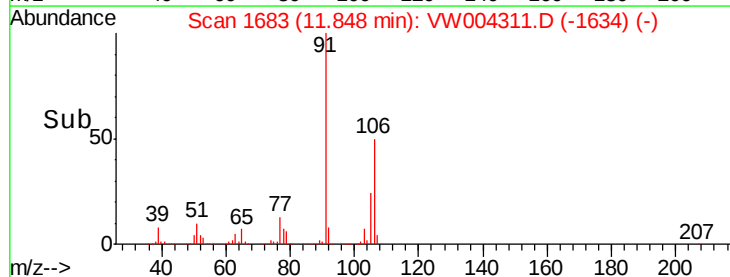
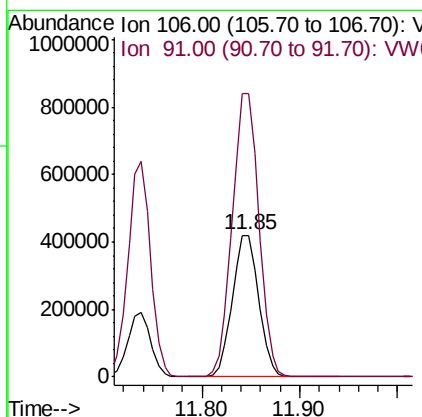
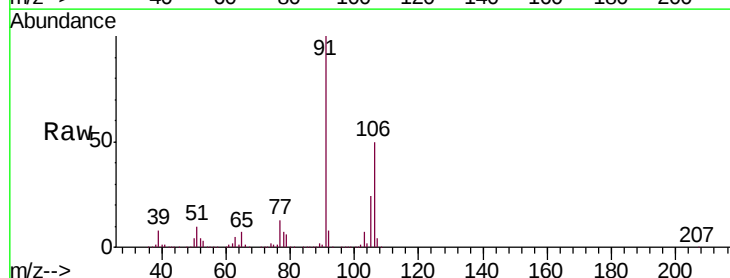
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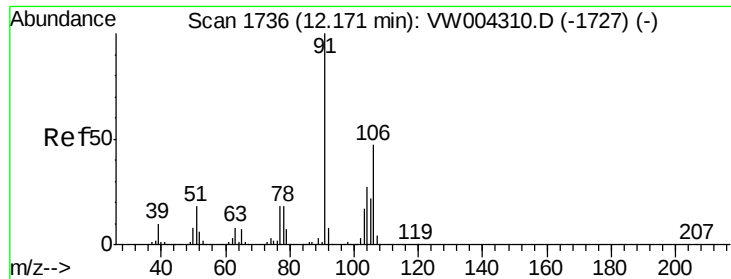
apatel
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#68
m/p-Xylenes
Concen: 148.56 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW004311.D
Acq: 29 Jul 2018 13:29

Tgt Ion: 106 Resp: 784038
Ion Ratio Lower Upper
106 100
91 202.7 162.2 243.2





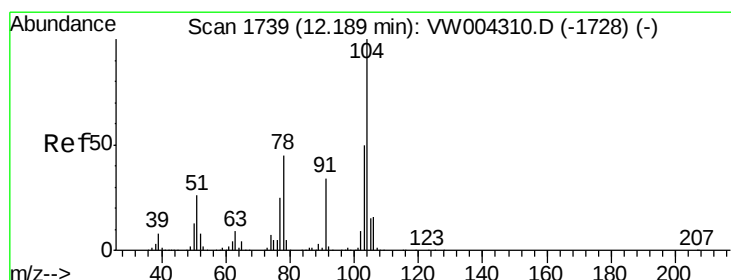
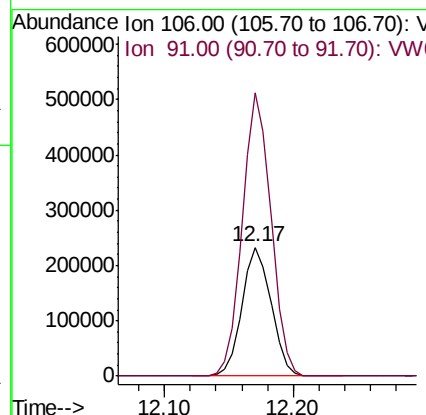
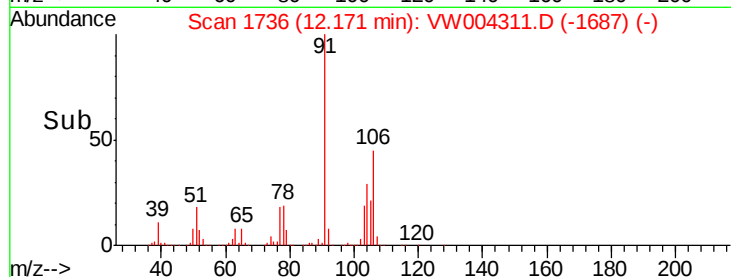
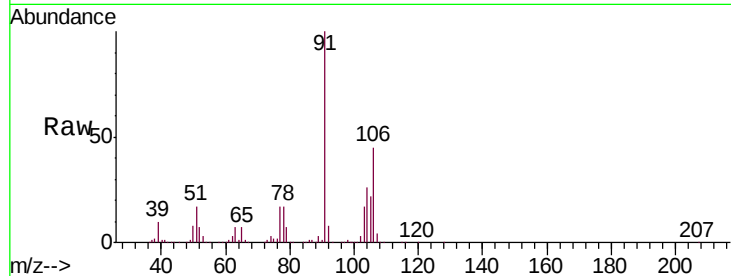
#69
o-Xylene
Concen: 74.54 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004311.D
Acq: 29 Jul 2018 13:29

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
106	100		
91	217.1	108.7	326.1

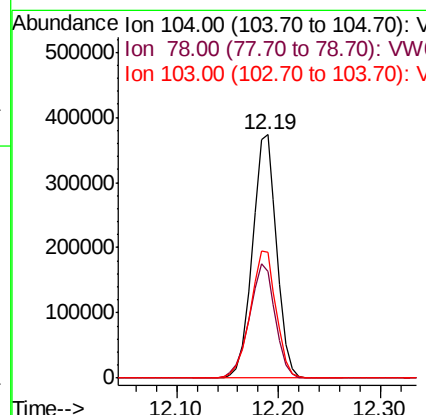
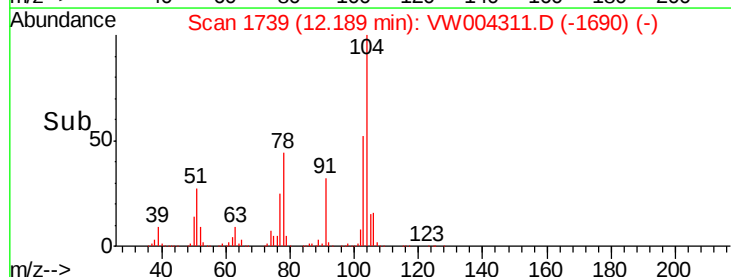
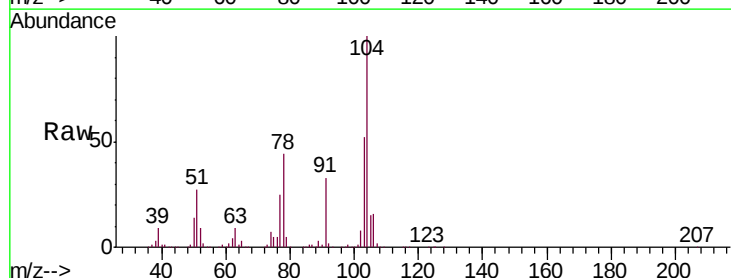
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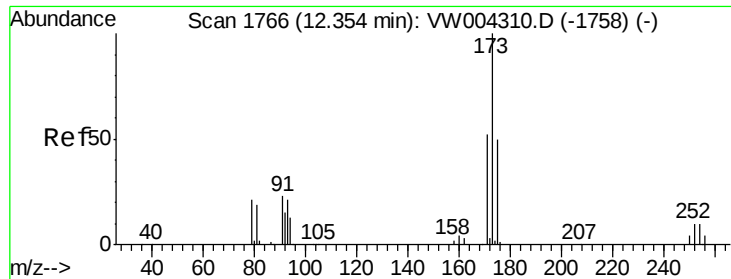
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#70
Styrene
Concen: 74.83 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW004311.D
Acq: 29 Jul 2018 13:29

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.0	40.9	61.3
103	55.8	45.0	67.6





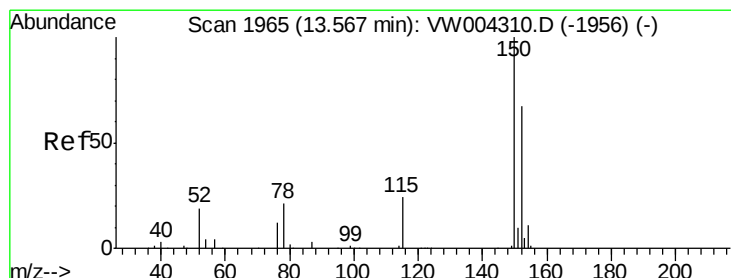
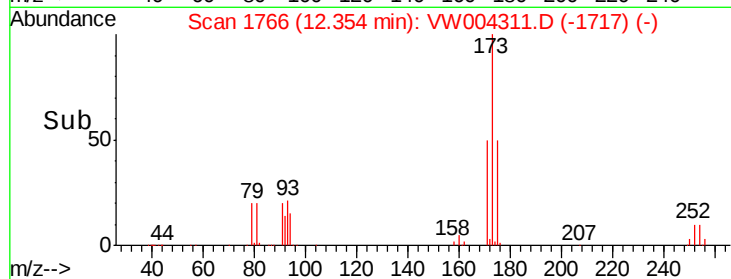
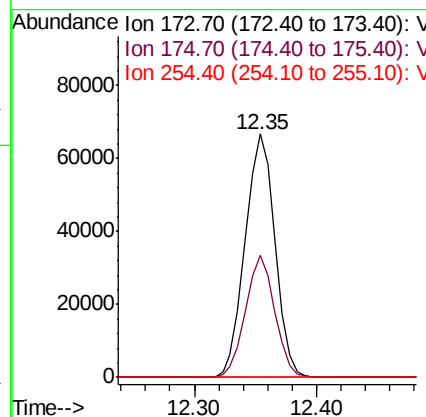
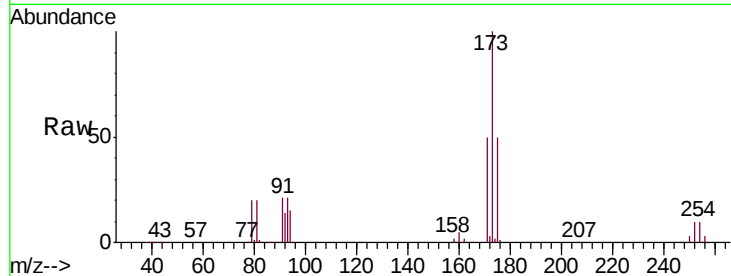
#71
Bromoform
Concen: 72.82 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW004311.D
Acq: 29 Jul 2018 13:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.5	73.5
254	0.2	0.2	0.2

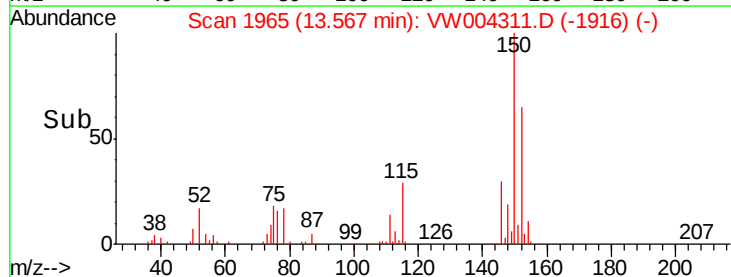
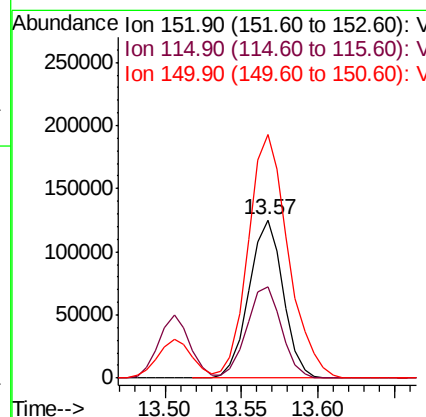
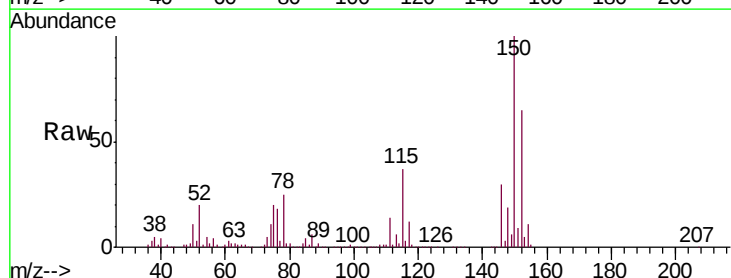
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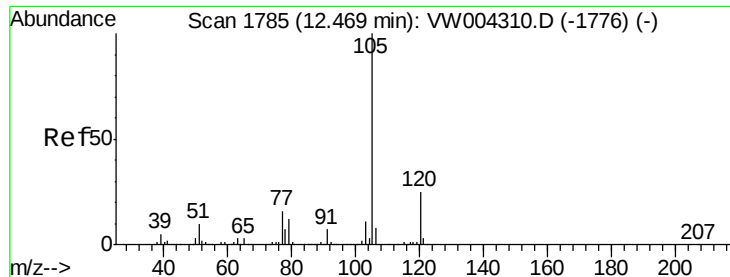
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004311.D
Acq: 29 Jul 2018 13:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.5	28.8	86.4
150	179.7	0.0	346.4





#73

Isopropylbenzene

Concen: 74.49 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004311.D

Acq: 29 Jul 2018 13:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 105 Resp: 1003983

Ion Ratio Lower Upper

105 100

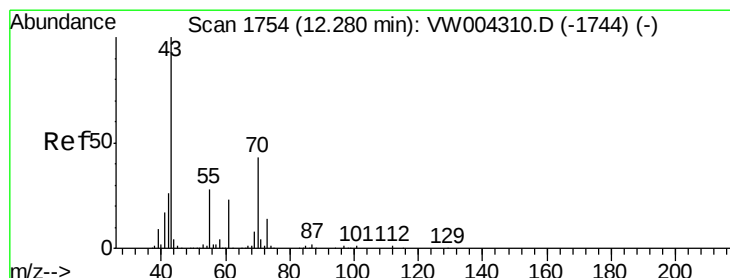
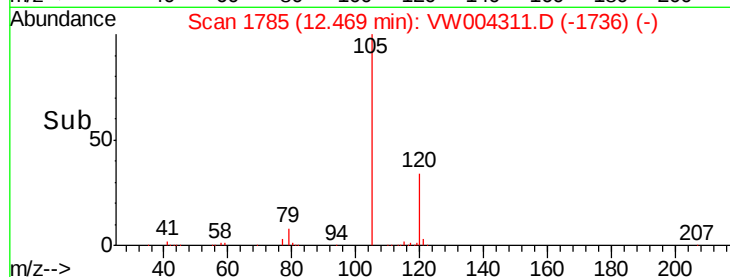
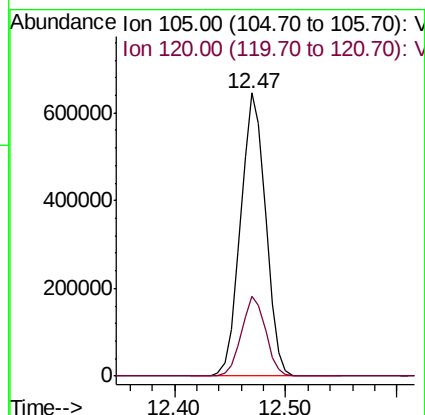
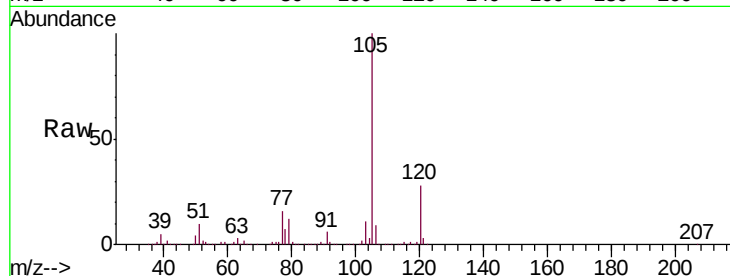
120 27.2 13.2 39.6

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#74

N-ethyl acetate

Concen: 85.77 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004311.D

Acq: 29 Jul 2018 13:29

Tgt Ion: 43 Resp: 250487

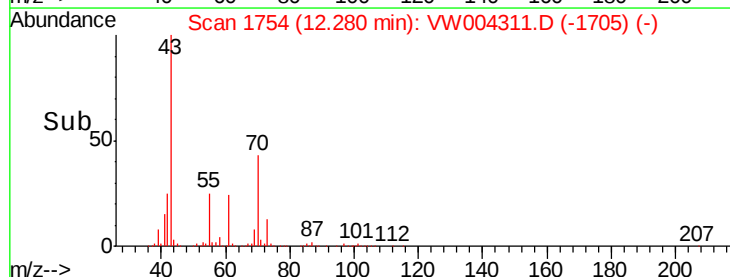
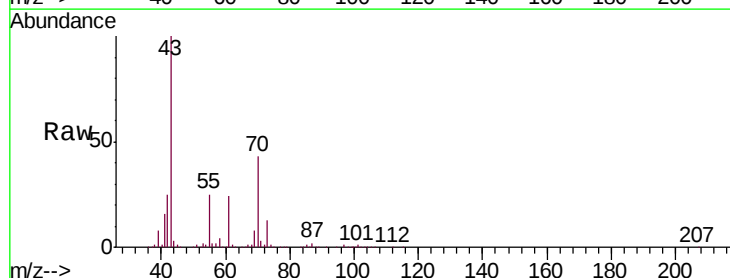
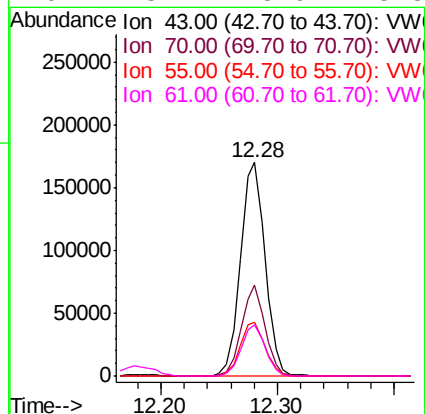
Ion Ratio Lower Upper

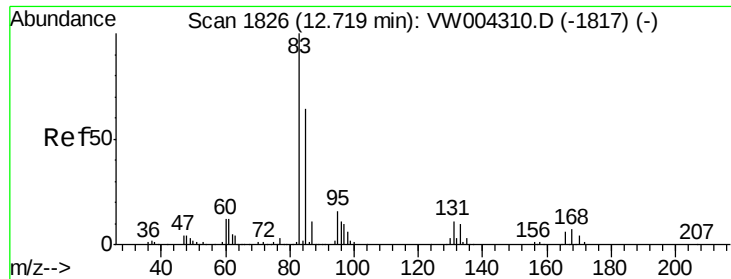
43 100

70 40.6 34.2 51.4

55 25.8 21.8 32.8

61 23.7 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 77.56 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004311.D

Acq: 29 Jul 2018 13:29

Instrument :

MSVOA_W

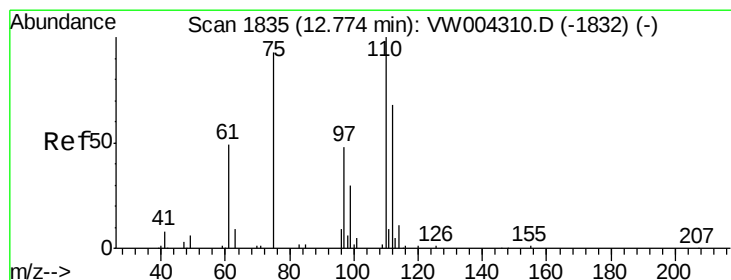
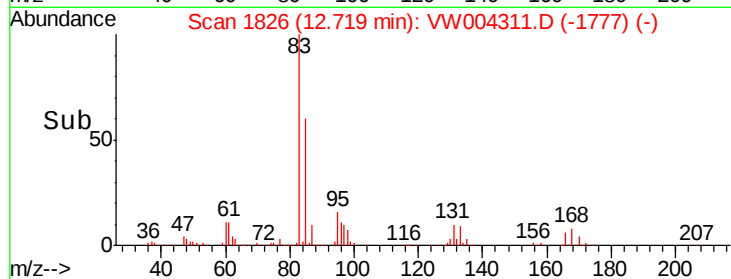
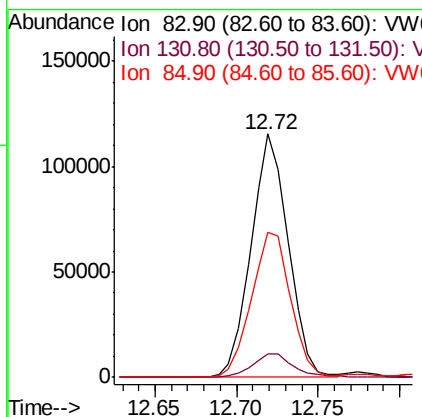
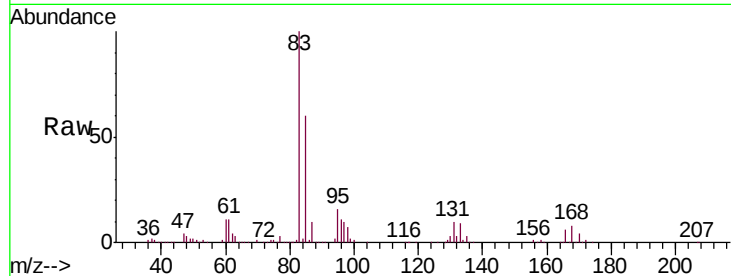
ClientSampled :

VSTDIC075

Tot Ion:	83	Resp:	183119
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.5	16.4
85	62.9	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 41.62 ug/l m

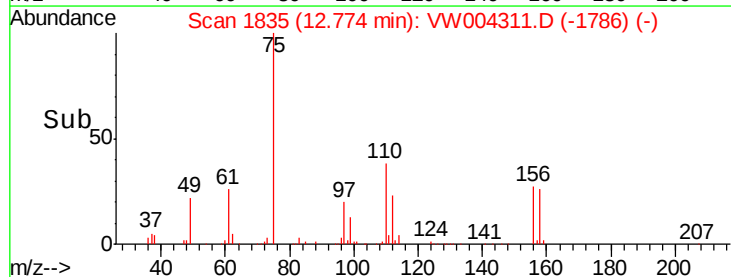
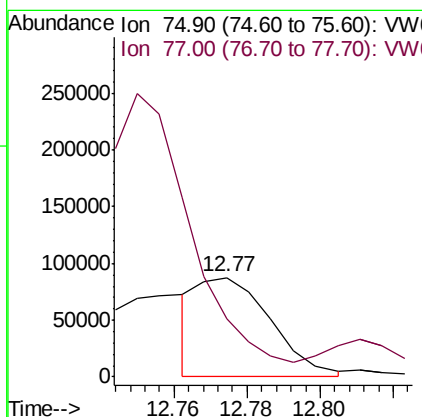
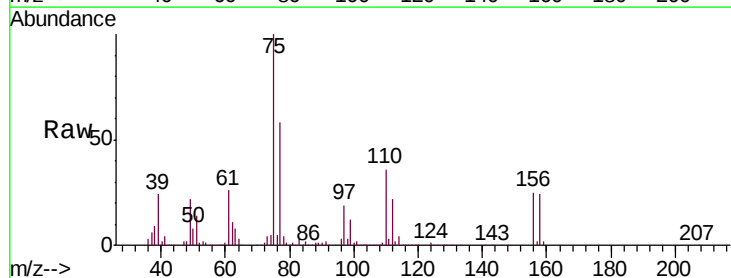
RT: 12.77 min Scan# 1835

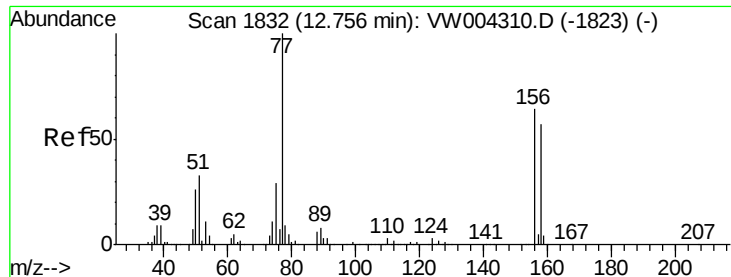
Delta R.T. 0.00 min

Lab File: VW004311.D

Acq: 29 Jul 2018 13:29

Tgt Ion:	75	Resp:	123286
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 72.88 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW004311.D

Acq: 29 Jul 2018 13:29

Instrument :

MSVOA_W

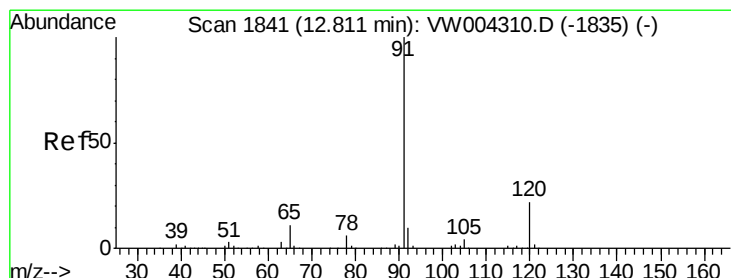
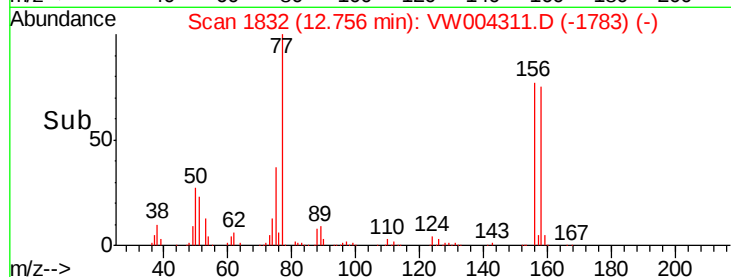
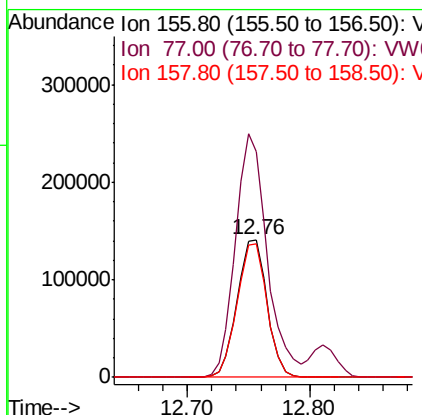
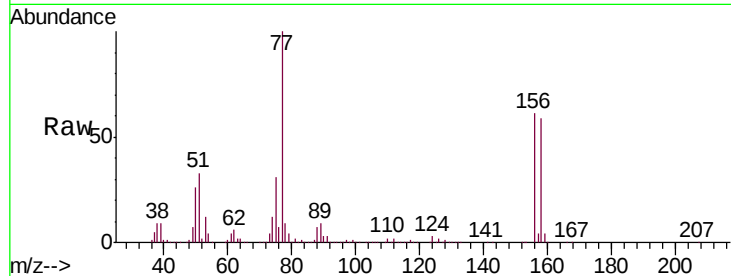
ClientSampleId :

VSTDIC075

Tot Ion	Ion	Ratio	Lower	Upper
237345	156	100		
	77	189.0	92.9	278.7
	158	97.4	47.6	142.8

Manual Integrations
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#78

n-propylbenzene

Concen: 76.67 ug/l

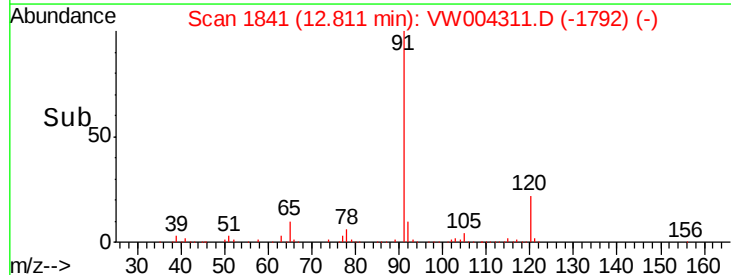
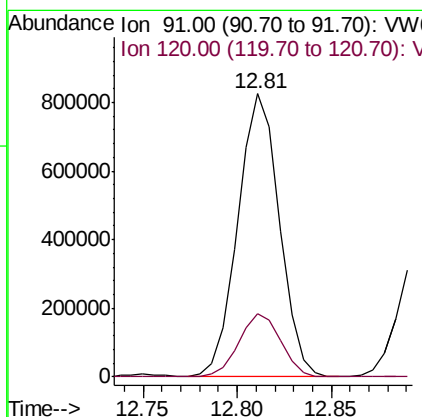
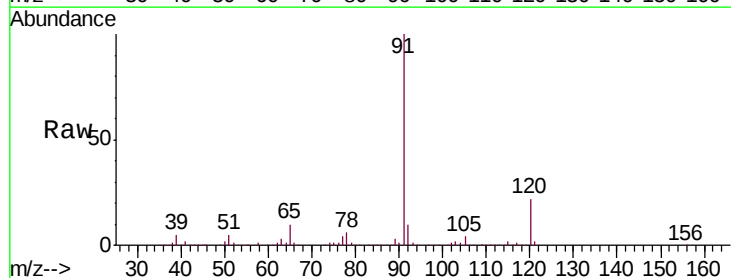
RT: 12.81 min Scan# 1841

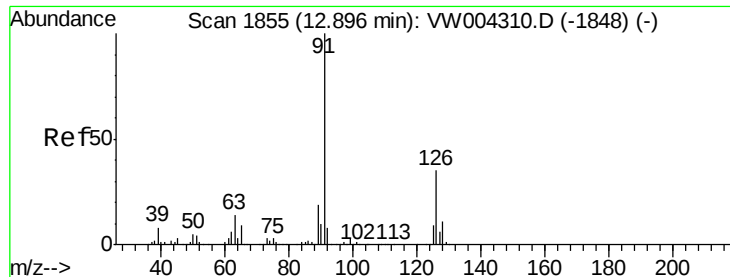
Delta R.T. 0.00 min

Lab File: VW004311.D

Acq: 29 Jul 2018 13:29

Tgt Ion	Ion	Ratio	Lower	Upper
1258780	91	100		
	120	22.5	11.3	33.8





#79

2-Chlorotoluene

Concen: 73.59 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004311.D

Acq: 29 Jul 2018 13:29

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tot Ion: 91 Resp: 691129

Ion Ratio Lower Upper

91 100

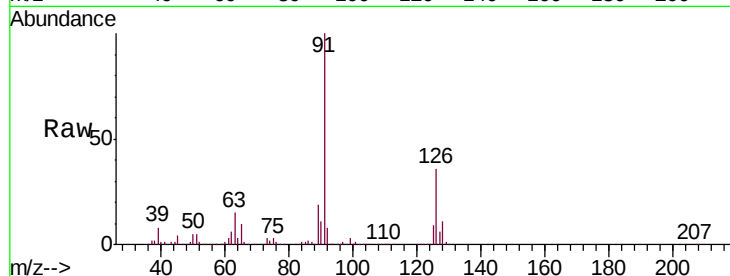
126 34.7 17.1 51.2

Manual Integrations

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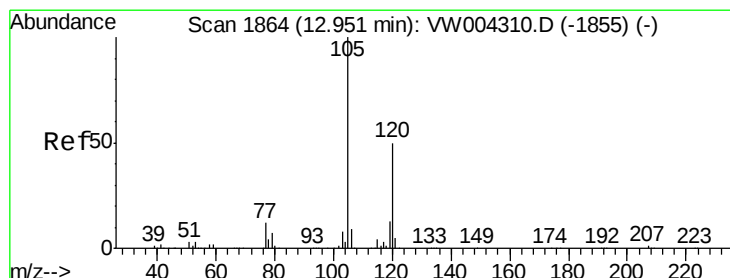
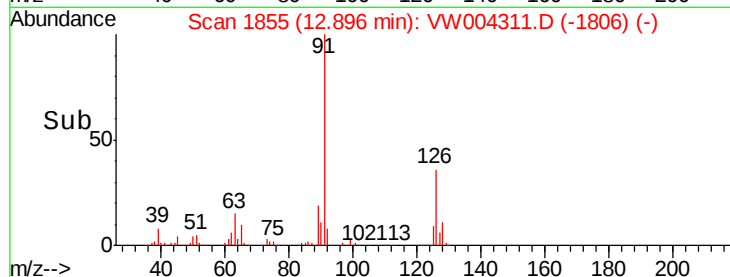
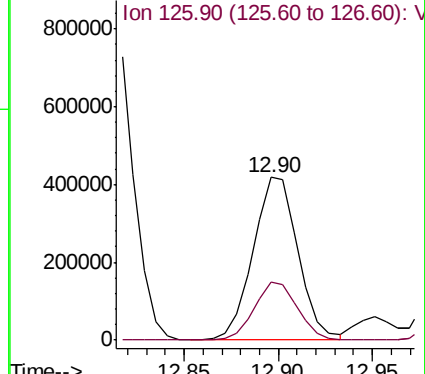
apatel

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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: 74.63 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004311.D

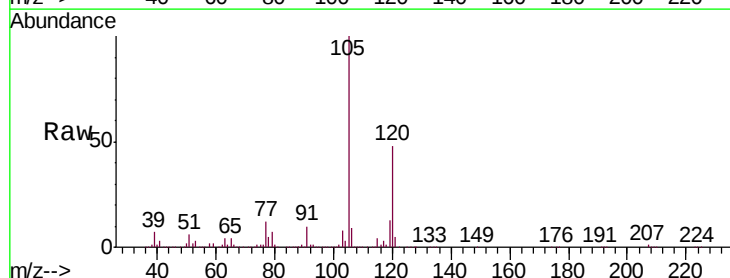
Acq: 29 Jul 2018 13:29

Tgt Ion:105 Resp: 866517

Ion Ratio Lower Upper

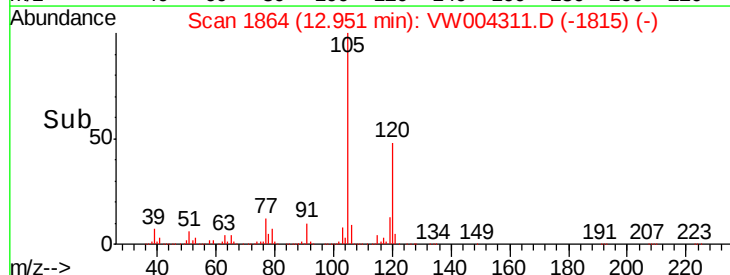
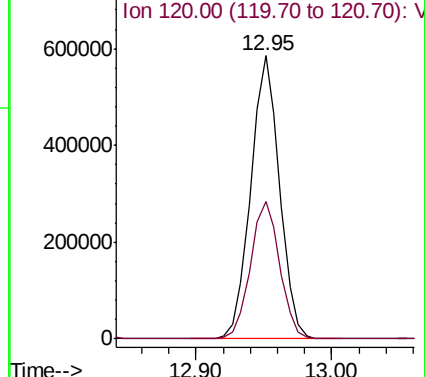
105 100

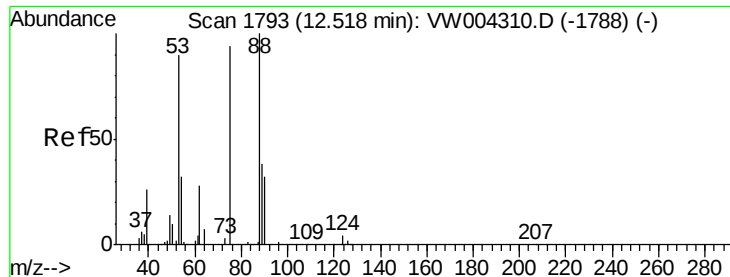
120 49.3 25.1 75.2



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: 80.34 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW004311.D

Acq: 29 Jul 2018 13:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 75 Resp: 61252

Ion Ratio Lower Upper

75 100

53 93.3 77.6 116.4

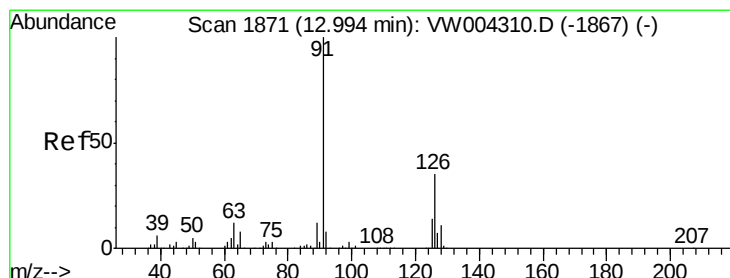
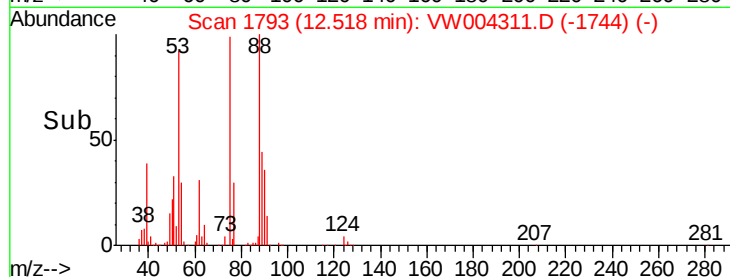
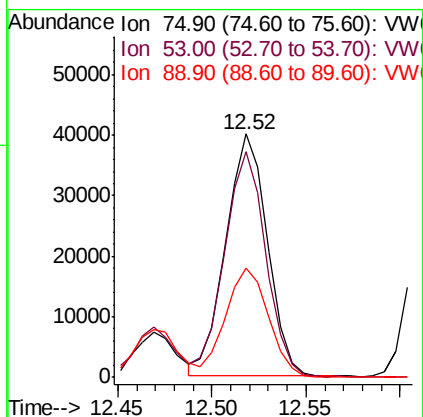
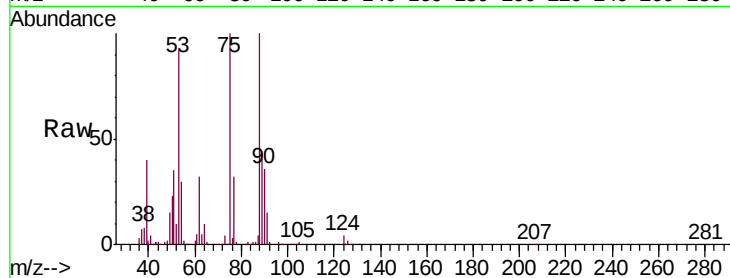
89 46.2 36.0 54.0

Manual Integrations

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#82

4-Chlorotoluene

Concen: 74.50 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VW004311.D

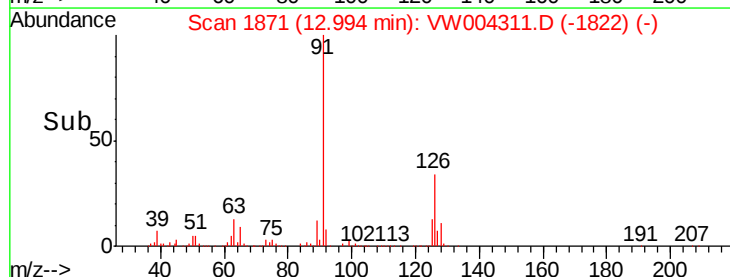
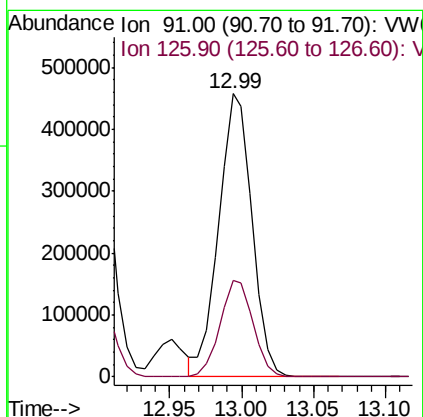
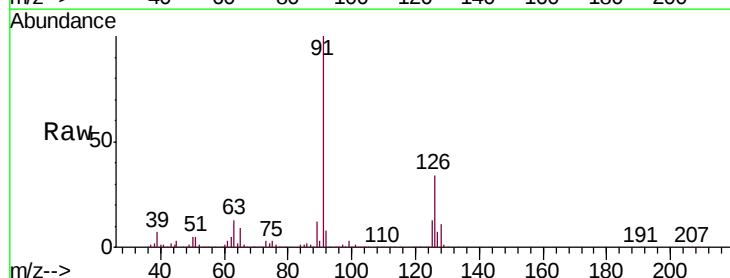
Acq: 29 Jul 2018 13:29

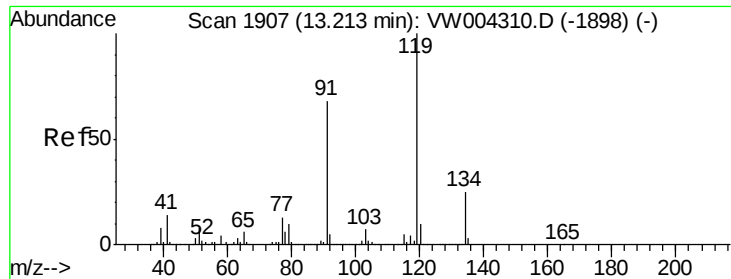
Tgt Ion: 91 Resp: 740381

Ion Ratio Lower Upper

91 100

126 33.8 17.4 52.3





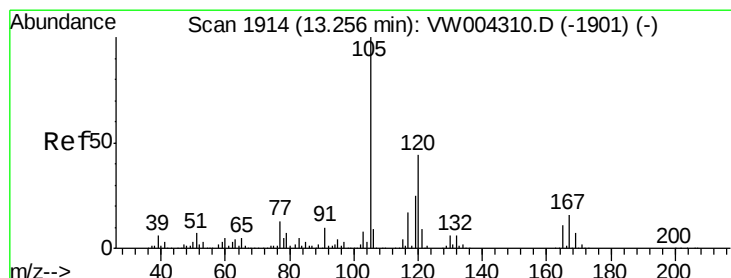
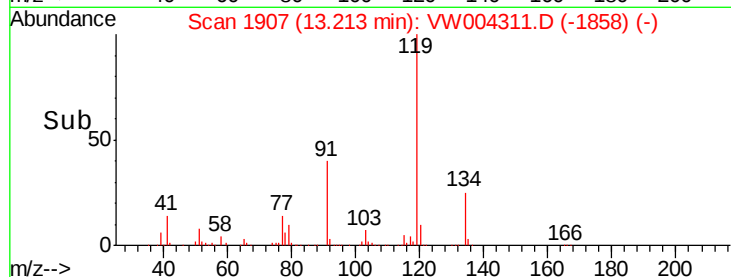
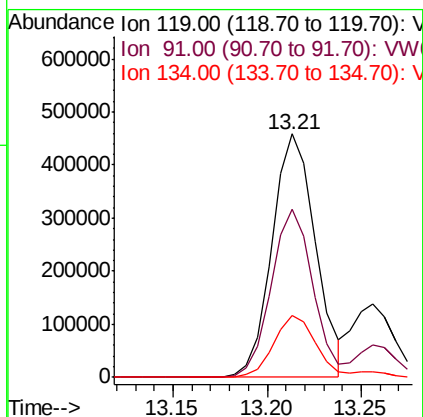
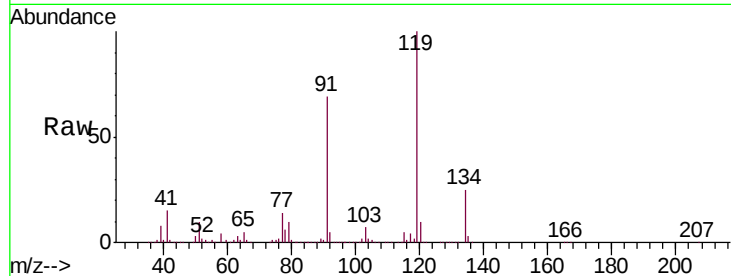
#83
tert-Butylbenzene
Concen: 75.85 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW004311.D
Acq: 29 Jul 2018 13:29

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.0	32.8	98.3
134	24.7	12.2	36.6

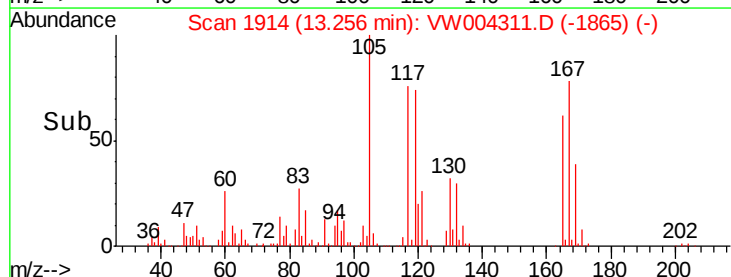
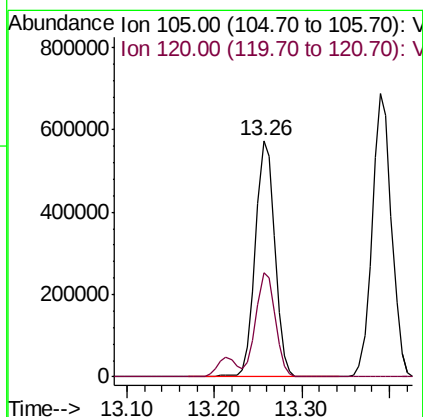
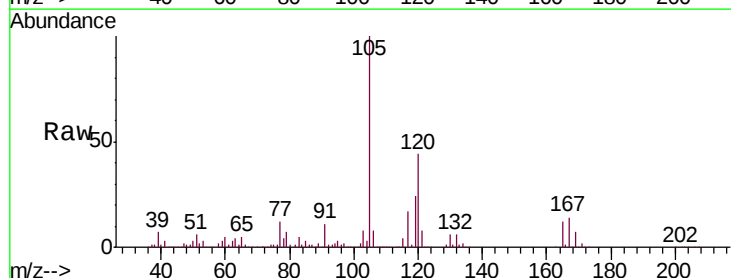
Manual Integrations
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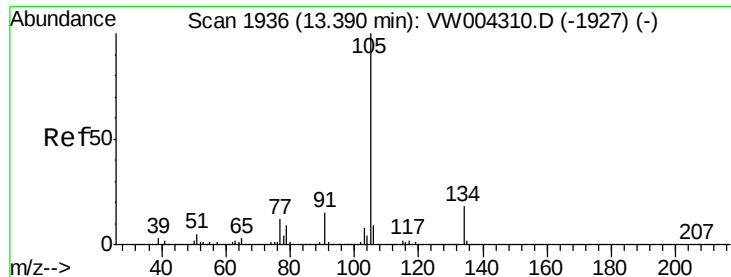
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 74.52 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. 0.00 min
Lab File: VW004311.D
Acq: 29 Jul 2018 13:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.7	68.0





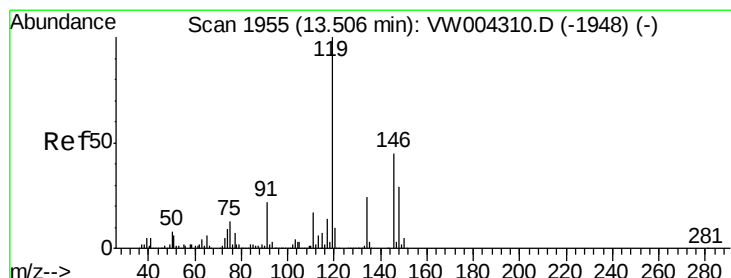
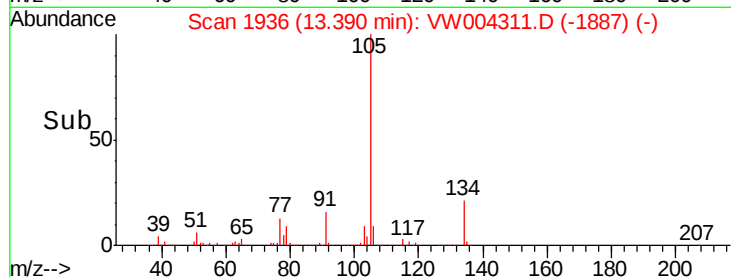
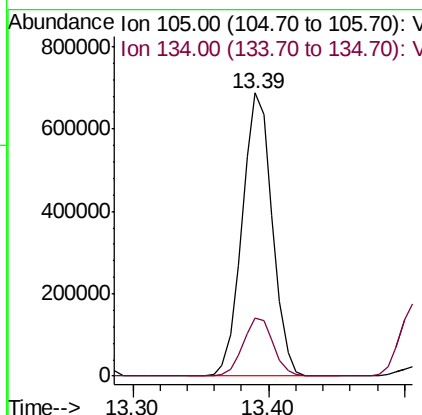
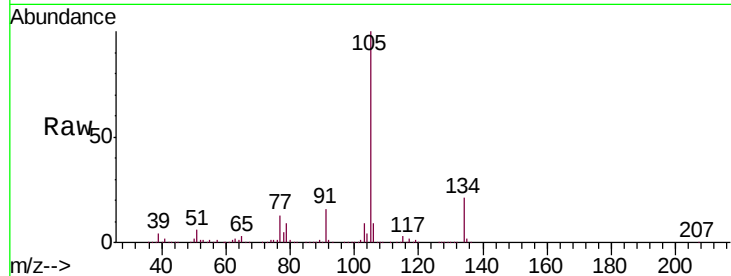
#85
 sec-Butylbenzene
 Concen: 74.85 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004311.D
 Acq: 29 Jul 2018 13:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion:105 Resp: 1057503
 Ion Ratio Lower Upper
 105 100
 134 20.6 9.6 28.8

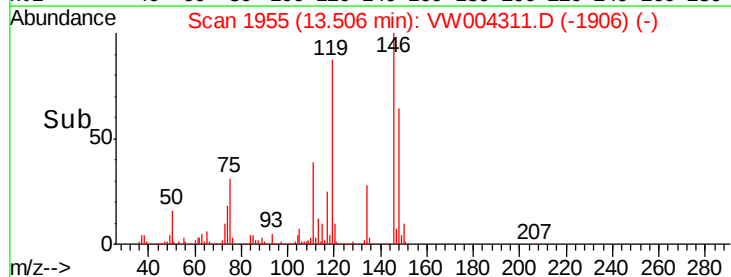
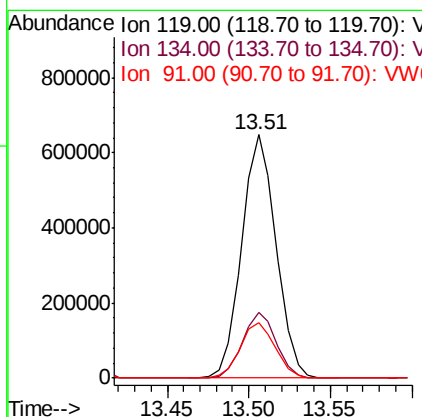
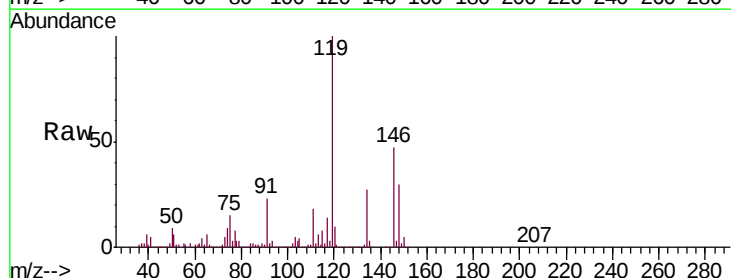
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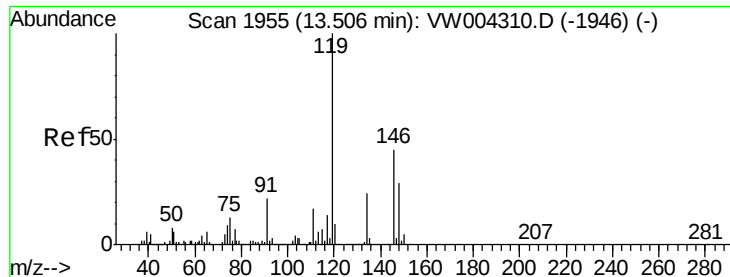
apatel
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#86
 p-Isopropyltoluene
 Concen: 74.78 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004311.D
 Acq: 29 Jul 2018 13:29

Tgt Ion:119 Resp: 948935
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.6 37.8
 91 23.0 11.3 33.9





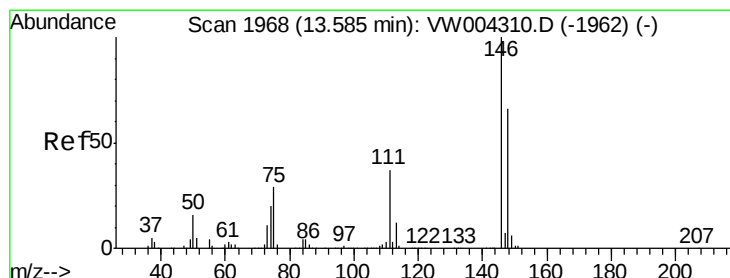
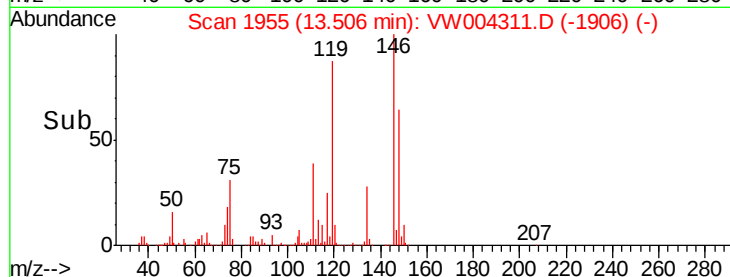
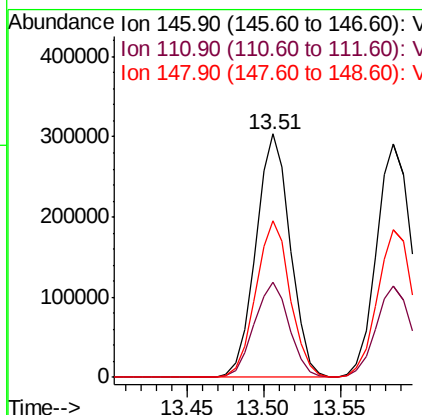
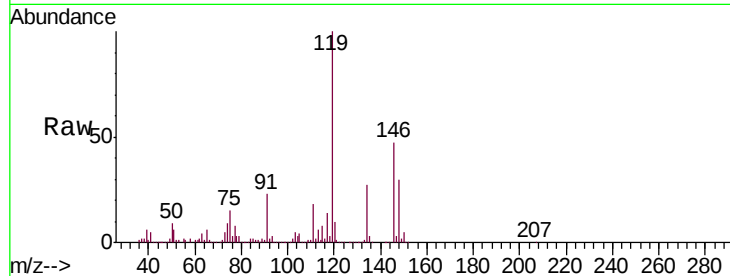
#87
 1,3-Dichlorobenzene
 Concen: 72.97 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004311.D
 Acq: 29 Jul 2018 13:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
146	100	475655		
111	39.5	19.9	59.6	
148	64.1	31.9	95.5	

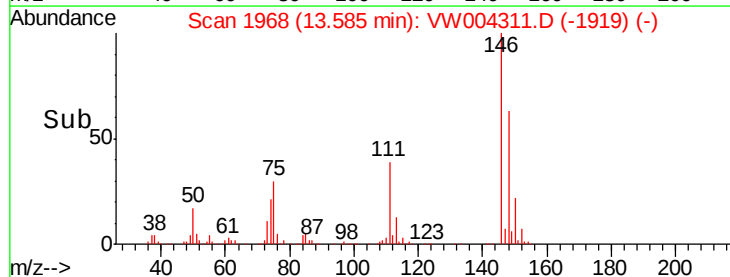
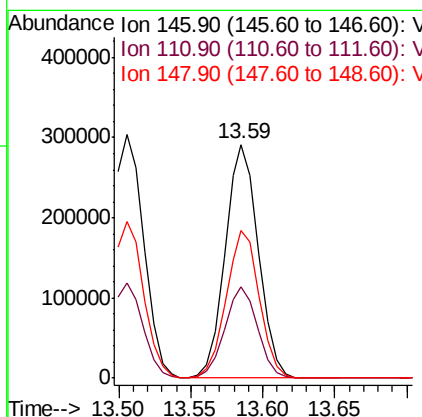
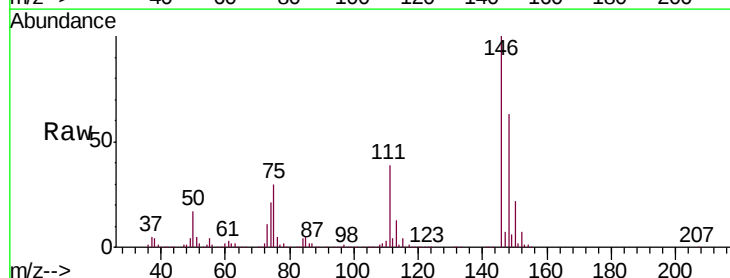
Manual Integrations
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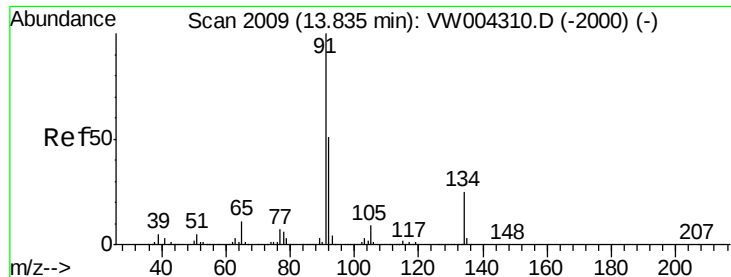
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 71.91 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW004311.D
 Acq: 29 Jul 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	467631		
111	38.8	19.4	58.1	
148	63.2	32.8	98.3	





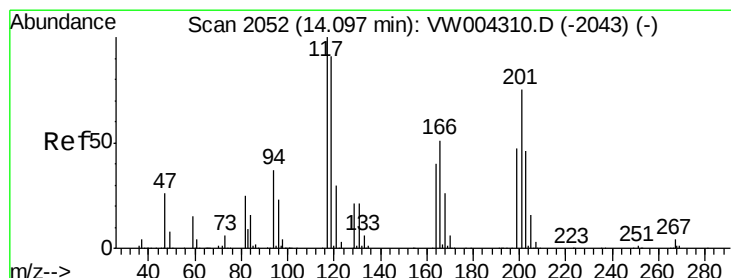
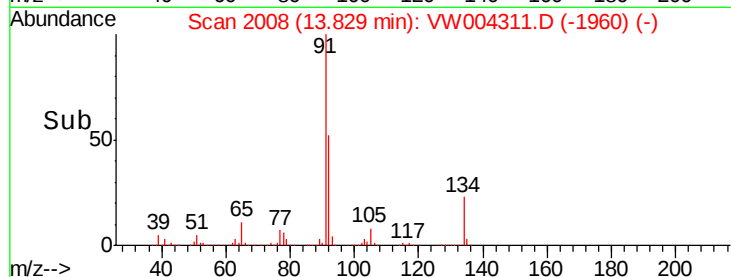
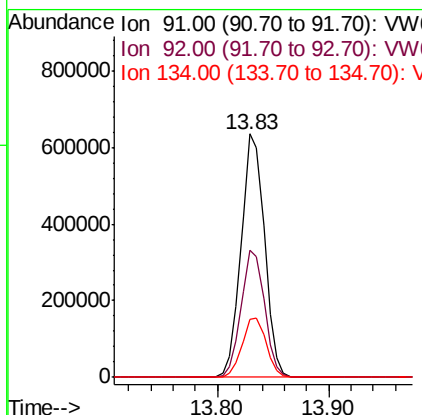
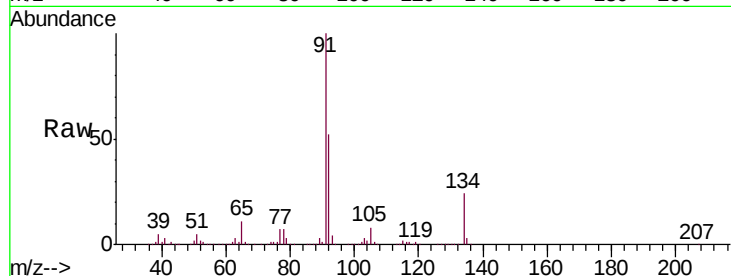
#89
n-Butylbenzene
Concen: 78.11 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. -0.01 min
Lab File: VW004311.D
Acq: 29 Jul 2018 13:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.4	79.2
134	25.1	12.9	38.6

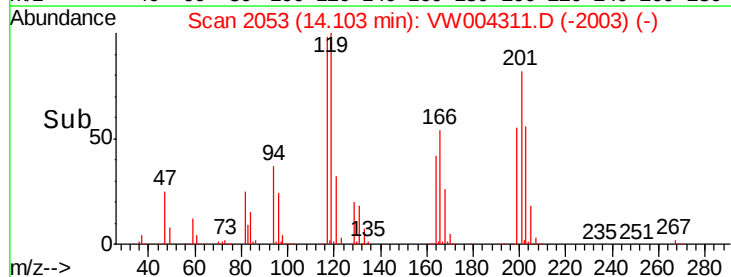
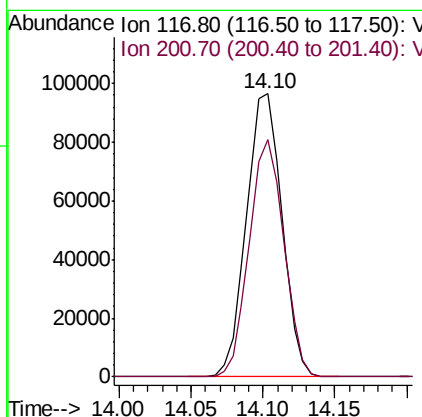
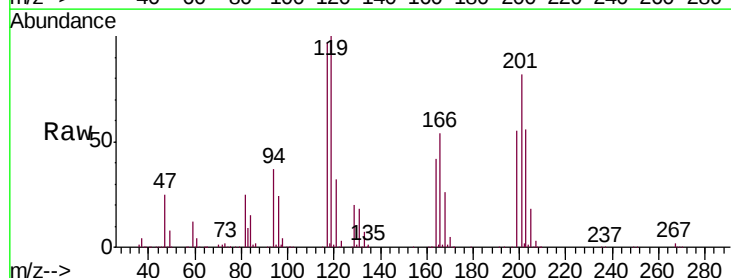
Manual Integrations
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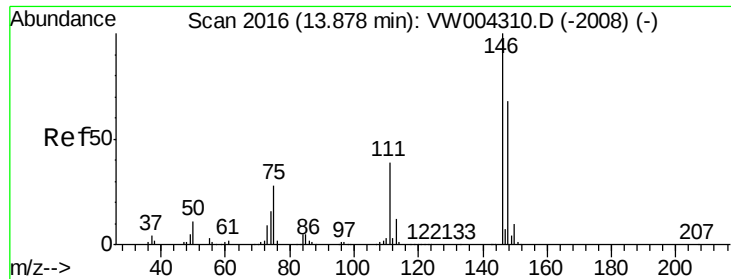
apatel
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#90
Hexachloroethane
Concen: 72.88 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.01 min
Lab File: VW004311.D
Acq: 29 Jul 2018 13:29

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.6	41.5	124.5





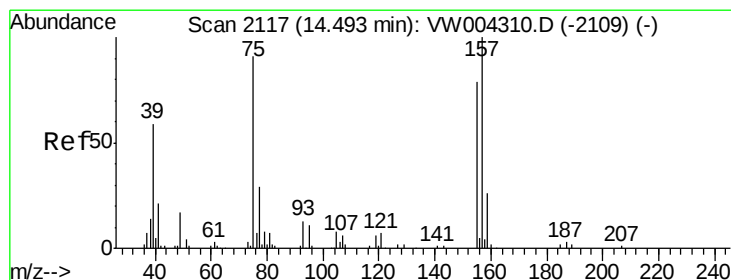
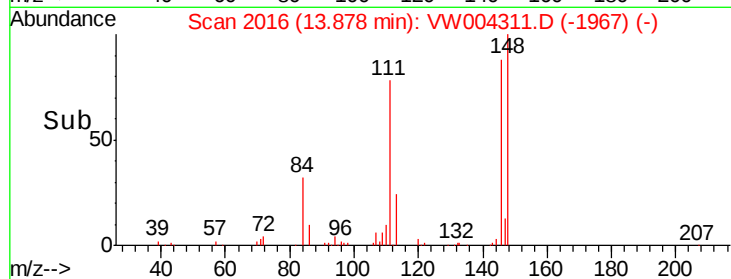
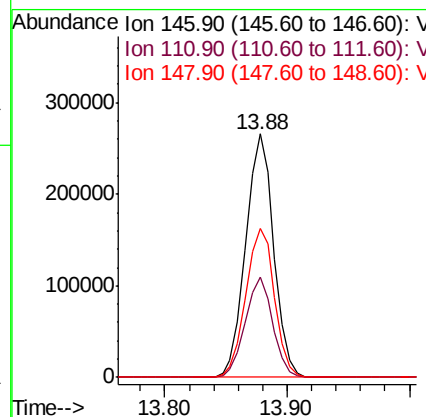
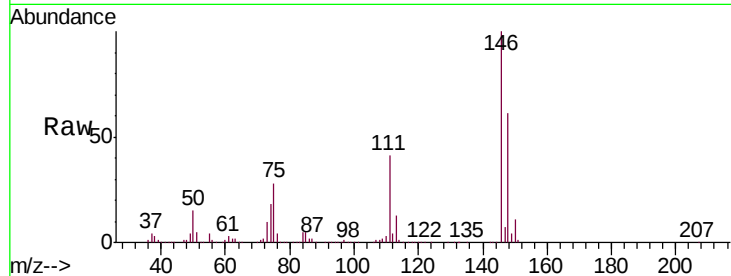
#91
 1,2-Dichlorobenzene
 Concen: 72.02 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW004311.D
 Acq: 29 Jul 2018 13:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.7	59.1
148	62.8	32.0	96.0

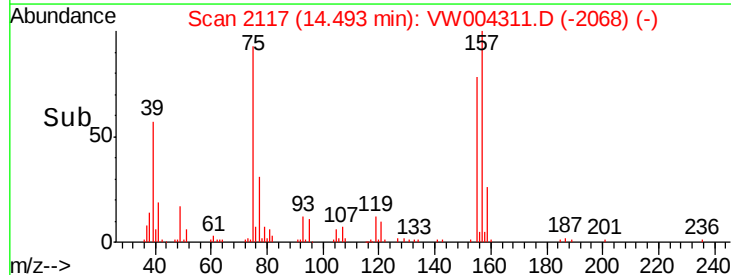
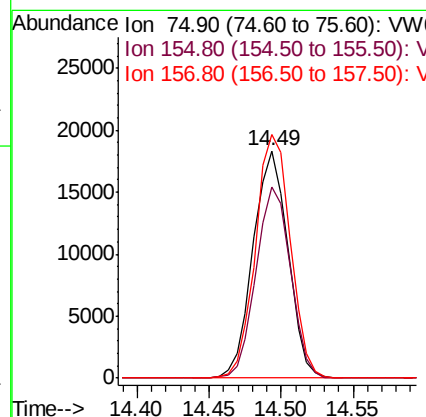
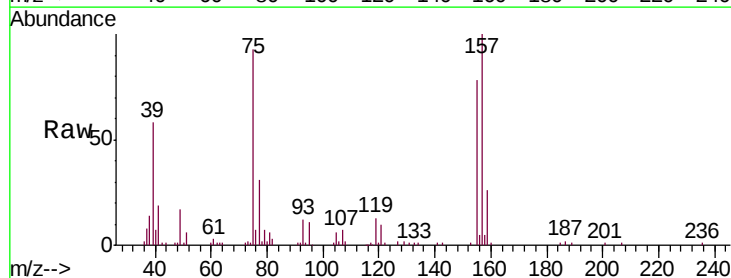
Manual Integrations
 APPROVED

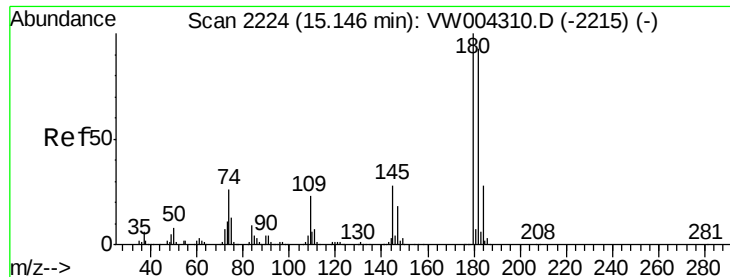
apatel
 7/30/2018 10:32:32 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 74.31 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW004311.D
 Acq: 29 Jul 2018 13:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.2	41.4	124.4
157	107.0	55.2	165.6





#93

1,2,4-Trichlorobenzene

Concen: 72.22 ug/l

RT: 15.15 min Scan# 2224

Delta R.T. 0.00 min

Lab File: VW004311.D

Acq: 29 Jul 2018 13:29

Instrument :

MSVOA_W

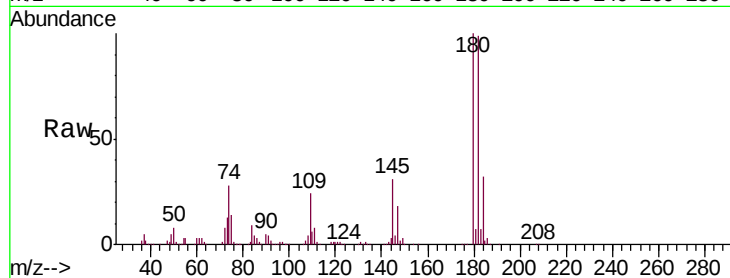
ClientSampleId :

VSTDIC075

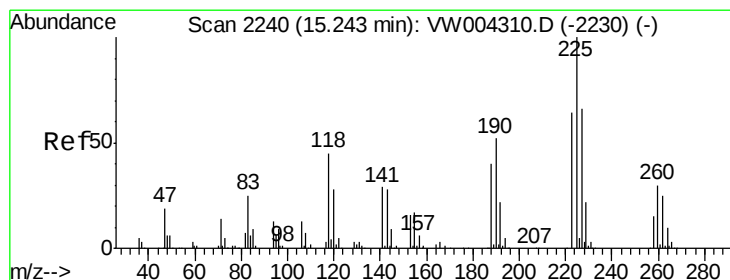
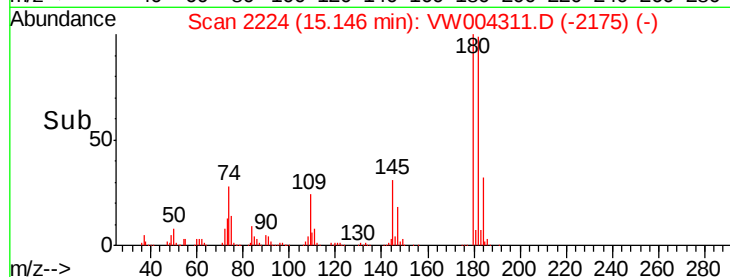
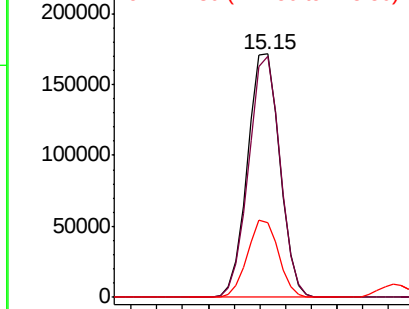
Tot Ion:	180	Resp:	295865
Ion Ratio	Lower	Upper	
180	100		
182	96.2	47.3	141.8
145	30.5	14.8	44.4

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



#94

Hexachlorobutadiene

Concen: 69.01 ug/l

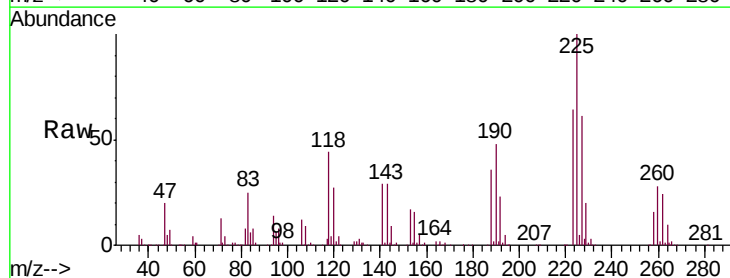
RT: 15.24 min Scan# 2240

Delta R.T. 0.00 min

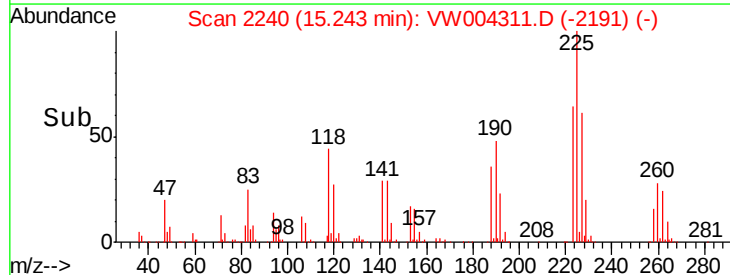
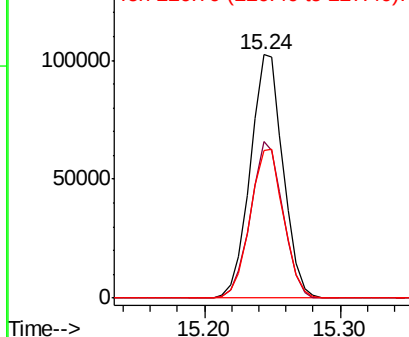
Lab File: VW004311.D

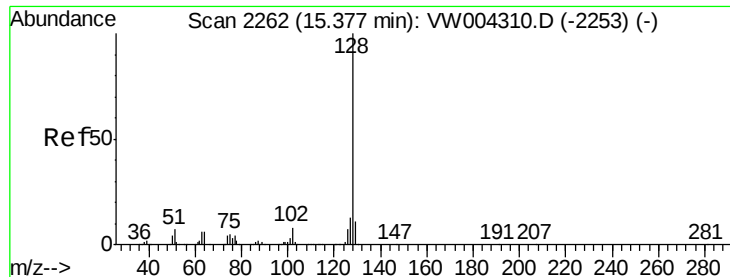
Acq: 29 Jul 2018 13:29

Tgt Ion:	225	Resp:	172718
Ion Ratio	Lower	Upper	
225	100		
223	63.5	31.0	93.0
227	62.5	32.6	97.7



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





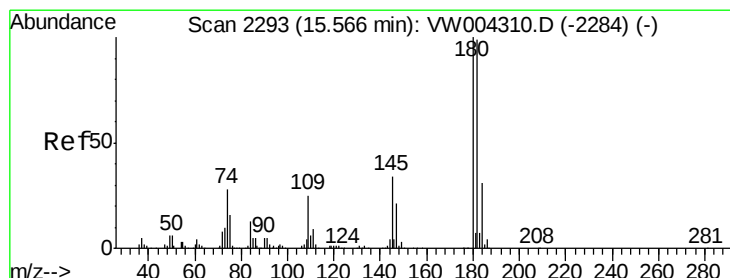
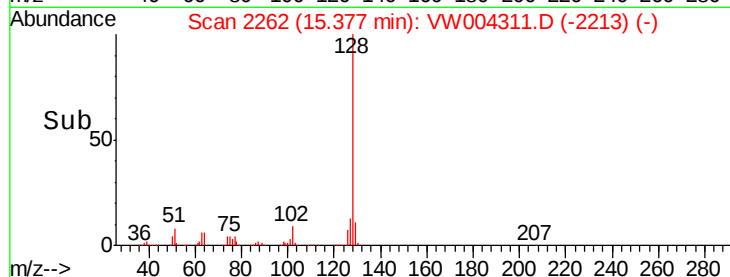
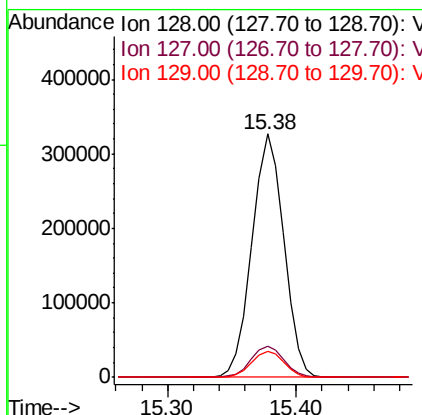
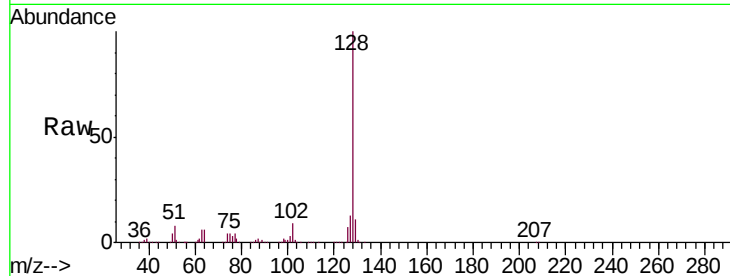
#95
Naphthalene
Concen: 79.19 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004311.D
Acq: 29 Jul 2018 13:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 73.42 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004311.D
Acq: 29 Jul 2018 13:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.0	144.0
145	32.3	16.2	48.5

