

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004308.D
 Acq On : 29 Jul 2018 12:12
 Operator : SY/AP
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
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 7/30/2018 10:32:22 AM

Quant Time: Jul 30 01:42:34 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	201667	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	291455	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	261913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	141369	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	18949	9.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.62%	
35) Dibromofluoromethane	7.88	113	17613	9.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.12%	
50) Toluene-d8	10.33	98	67829	9.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.64%	
62) 4-Bromofluorobenzene	12.63	95	24337	9.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	8604	12.04	ug/l	98
3) Chloromethane	2.21	50	15495	13.70	ug/l	94
4) Vinyl Chloride	2.36	62	26624	13.68	ug/l	98
5) Bromomethane	2.78	94	15697	12.21	ug/l	99
6) Chloroethane	2.92	64	14172	11.60	ug/l	93
7) Trichlorofluoromethane	3.25	101	14941	12.83	ug/l	93
8) Diethyl Ether	3.68	74	12791	12.53	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	19522	9.67	ug/l	97
10) Methyl Iodide	4.26	142	27946	9.25	ug/l	99
11) Tert butyl alcohol	5.17	59	6020	40.34	ug/l #	93
12) 1,1-Dichloroethene	4.03	96	18226	9.03	ug/l	89
13) Acrolein	3.89	56	5458	41.26	ug/l	99
14) Allyl chloride	4.66	41	25464	7.85	ug/l	93
15) Acrylonitrile	5.37	53	18714	40.83	ug/l	99
16) Acetone	4.12	43	19112	41.00	ug/l	100
17) Carbon Disulfide	4.37	76	56298	9.02	ug/l	98
18) Methyl Acetate	4.67	43	8227	6.86	ug/l #	90
19) Methyl tert-butyl Ether	5.43	73	31276	8.70	ug/l	96
20) Methylene Chloride	4.91	84	19646	9.06	ug/l	91
21) trans-1,2-Dichloroethene	5.42	96	19107	8.88	ug/l	96
22) Diisopropyl ether	6.31	45	49547	8.11	ug/l #	92
23) Vinyl Acetate	6.26	43	138734	39.16	ug/l	95
24) 1,1-Dichloroethane	6.21	63	33263	8.46	ug/l	98
25) 2-Butanone	7.18	43	23170	41.01	ug/l	90
26) 1,2-Dichloropropane	7.17	77	23385	10.25	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	20664	9.43	ug/l	96
28) Bromochloromethane	7.51	49	12233	8.88	ug/l #	82
29) Tetrahydrofuran	7.53	42	14274	39.48	ug/l	93
30) Chloroform	7.68	83	36904	9.82	ug/l	98
31) Cyclohexane	7.95	56	31685	9.12	ug/l #	83
32) 1,1,1-Trichloroethane	7.87	97	30920	10.02	ug/l	98
36) 1,1-Dichloropropene	8.09	75	28824	9.89	ug/l	98
37) Ethyl Acetate	7.26	43	10030	8.39	ug/l #	93
38) Carbon Tetrachloride	8.07	117	30286	10.52	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	33258	9.47	ug/l	98
40) Benzene	8.32	78	79270	9.66	ug/l	100
41) Methacrylonitrile	7.48	41	4924	7.14	ug/l #	73
42) 1,2-Dichloroethane	8.40	62	24263	10.35	ug/l	100
43) Isopropyl Acetate	8.43	43	19667	9.13	ug/l	98
44) Trichloroethene	9.09	130	22810	10.30	ug/l	91
45) 1,2-Dichloropropane	9.37	63	18640	9.16	ug/l	89
46) Dibromomethane	9.46	93	10087	9.71	ug/l	95
47) Bromodichloromethane	9.65	83	25633	9.72	ug/l	97
48) Methyl methacrylate	9.44	41	9118	8.31	ug/l #	89
49) 1,4-Dioxane	9.45	88	2716	172.38	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	50180	42.46	ug/l	100
52) Toluene	10.39	92	50233	9.75	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	24608	9.32	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	28808	9.36	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	14384	9.71	ug/l	94
56) Ethyl methacrylate	10.65	69	15387	8.59	ug/l	97
57) 1,3-Dichloropropane	10.93	76	23398	9.27	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	35120	44.12	ug/l	96
59) 2-Hexanone	10.97	43	33767	41.61	ug/l	100
60) Dibromochloromethane	11.13	129	17964	10.14	ug/l	98
61) 1,2-Dibromoethane	11.24	107	13602	9.63	ug/l	98
64) Tetrachloroethene	10.87	164	19806	10.32	ug/l	98
65) Chlorobenzene	11.66	112	54500	9.91	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	20094	10.36	ug/l	96
67) Ethyl Benzene	11.74	91	92844	9.68	ug/l	96
68) m/p-Xylenes	11.85	106	72162	19.56	ug/l	100
69) o-Xylene	12.17	106	32783	9.62	ug/l	98
70) Styrene	12.19	104	55332	9.61	ug/l	99
71) Bromoform	12.35	173	10715	9.85	ug/l #	99
73) Isopropylbenzene	12.47	105	93153	9.50	ug/l	98
74) N-amyl acetate	12.28	43	16987	8.00	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.72	83	16043	9.34	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	13093m	6.08	ug/l	
77) Bromobenzene	12.76	156	23538	9.94	ug/l	89
78) n-propylbenzene	12.81	91	113065	9.47	ug/l	97
79) 2-Chlorotoluene	12.90	91	65552	9.60	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	82921	9.82	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	4826	8.70	ug/l	90
82) 4-Chlorotoluene	12.99	91	72469	10.03	ug/l	97
83) tert-Butylbenzene	13.21	119	70850	10.07	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	83000	9.64	ug/l	100
85) sec-Butylbenzene	13.39	105	99342	9.67	ug/l	96
86) p-Isopropyltoluene	13.51	119	91301	9.89	ug/l	97
87) 1,3-Dichlorobenzene	13.51	146	47790	10.08	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	49705	10.51	ug/l	98
89) n-Butylbenzene	13.83	91	81889	9.50	ug/l	99
90) Hexachloroethane	14.10	117	16616	10.09	ug/l	93
91) 1,2-Dichlorobenzene	13.88	146	42714	10.07	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2947	9.83	ug/l	96

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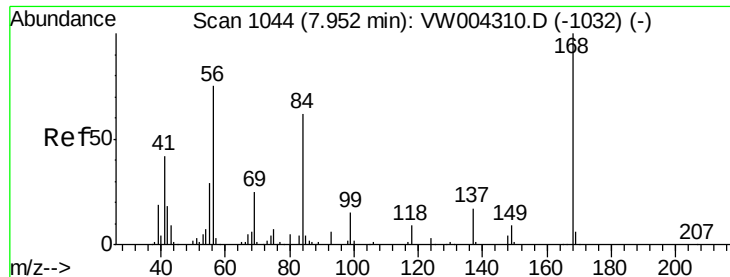
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	30884	10.37	ug/l	99
94) Hexachlorobutadiene	15.24	225	20429	11.22	ug/l	97
95) Naphthalene	15.38	128	48249	9.41	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	27469	10.54	ug/l	97

(#) = 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: VW004308.D

Acq: 29 Jul 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:168 Resp: 201667

Ion Ratio Lower Upper

168 100

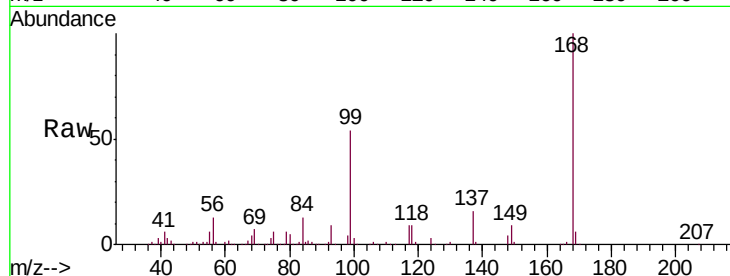
99 53.6 45.0 67.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

40000

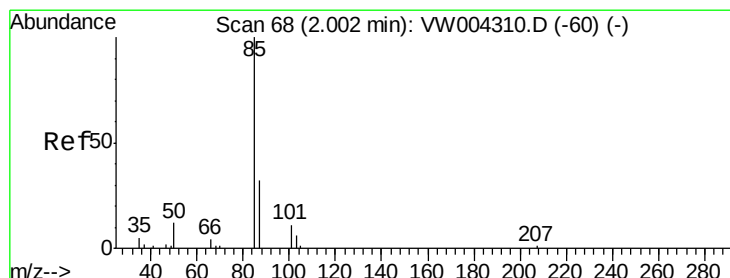
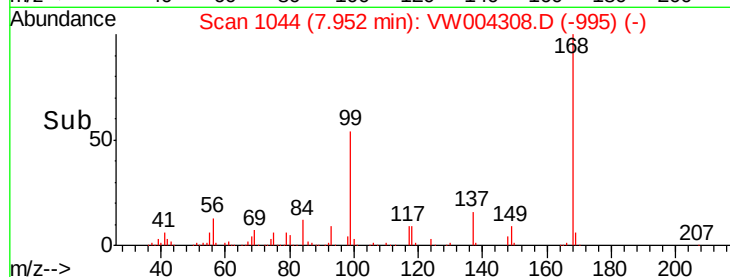
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 12.04 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW004308.D

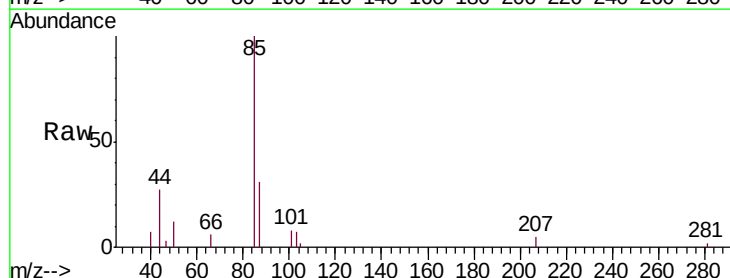
Acq: 29 Jul 2018 12:12

Tgt Ion: 85 Resp: 8604

Ion Ratio Lower Upper

85 100

87 30.7 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

3000

2500

2000

1500

1000

500

0

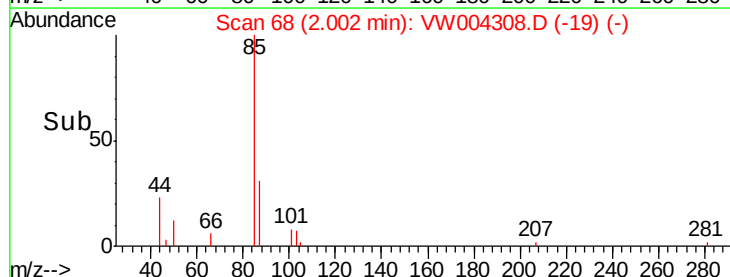
1.90

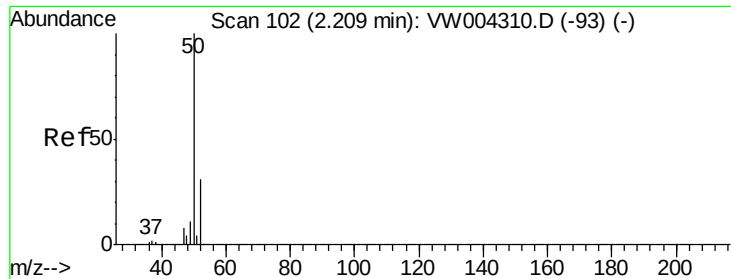
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 13.70 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 50 Resp: 15495

Ion Ratio Lower Upper

50 100

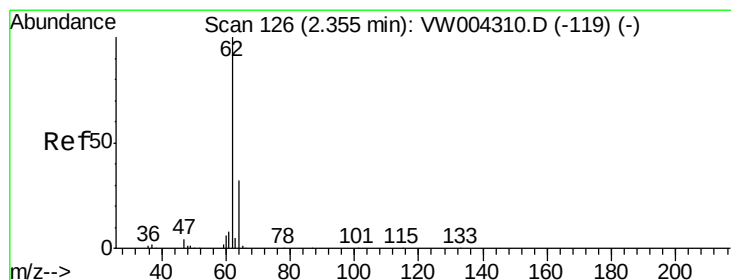
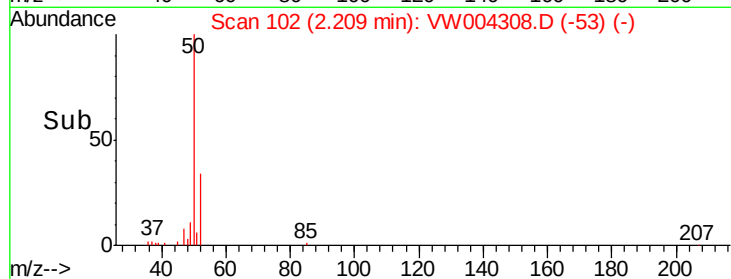
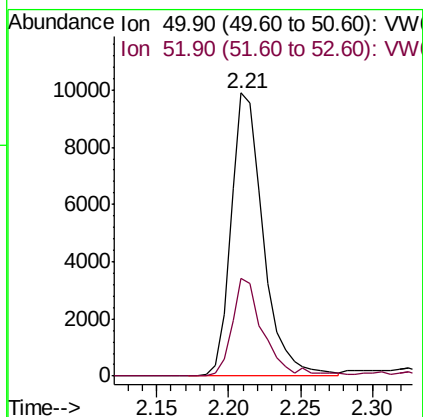
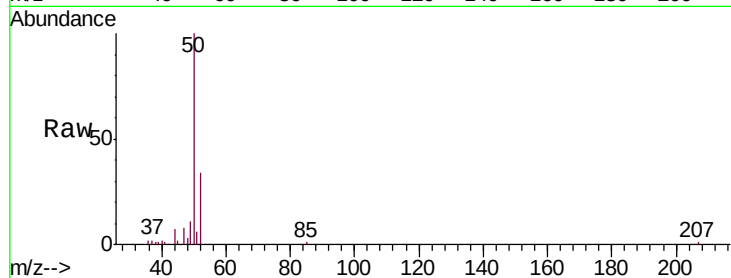
52 34.4 24.8 37.2

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#4

Vinyl Chloride

Concen: 13.68 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW004308.D

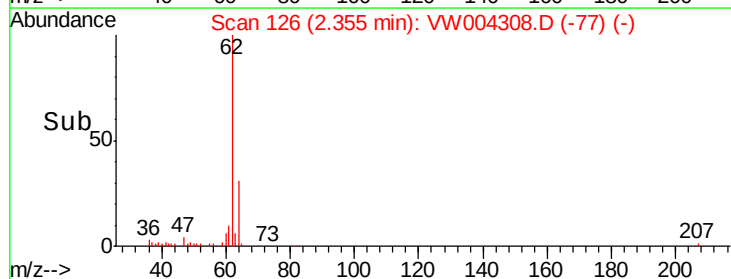
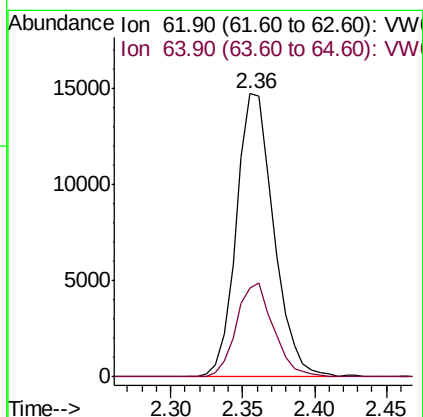
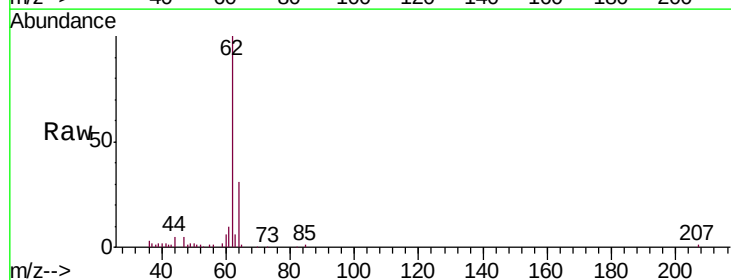
Acq: 29 Jul 2018 12:12

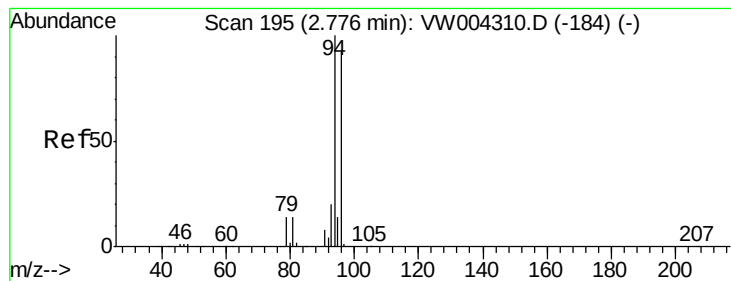
Tgt Ion: 62 Resp: 26624

Ion Ratio Lower Upper

62 100

64 31.3 25.9 38.9





#5

Bromomethane

Concen: 12.21 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 94 Resp: 15697

Ion Ratio Lower Upper

94 100

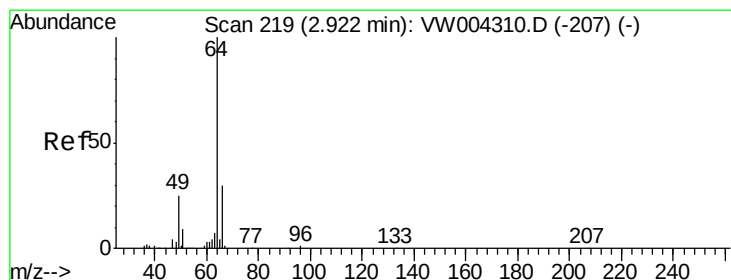
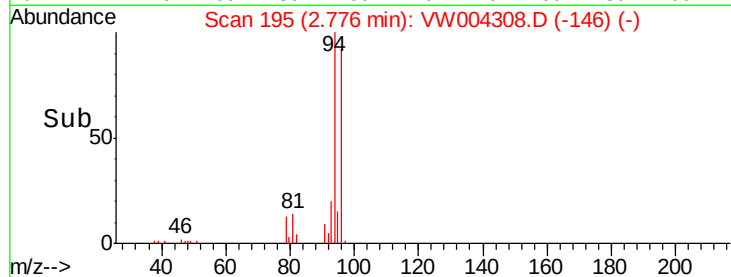
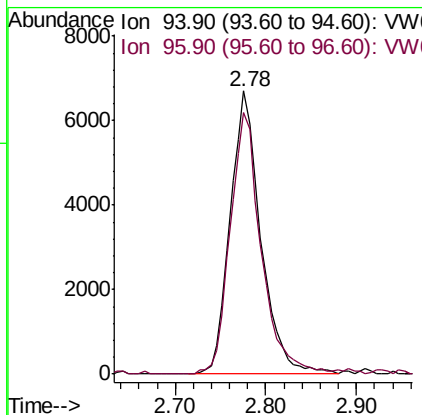
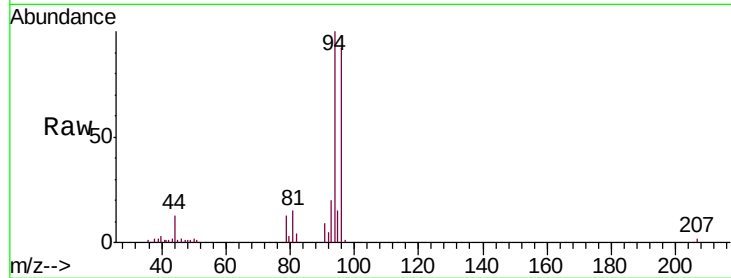
96 92.3 73.3 109.9

Manual Integrations

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#6

Chloroethane

Concen: 11.60 ug/l

RT: 2.92 min Scan# 219

Delta R.T. -0.00 min

Lab File: VW004308.D

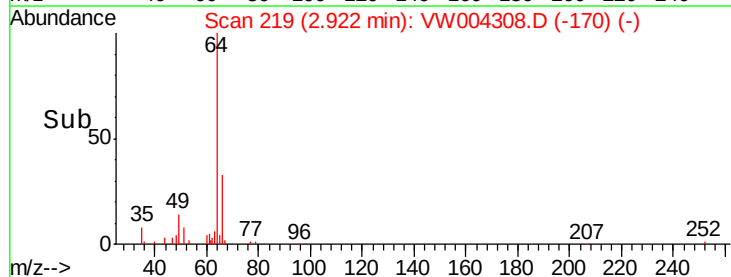
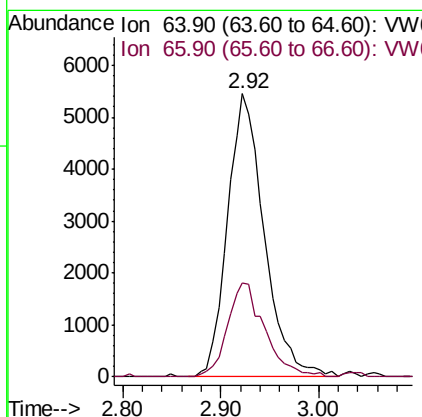
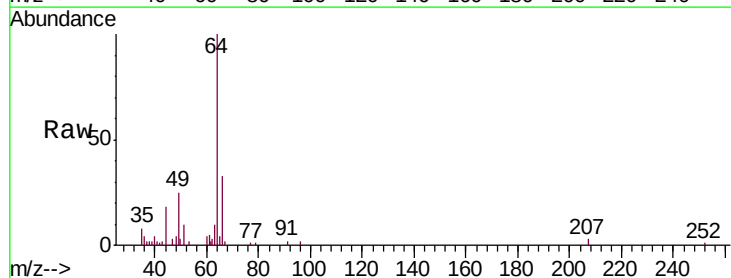
Acq: 29 Jul 2018 12:12

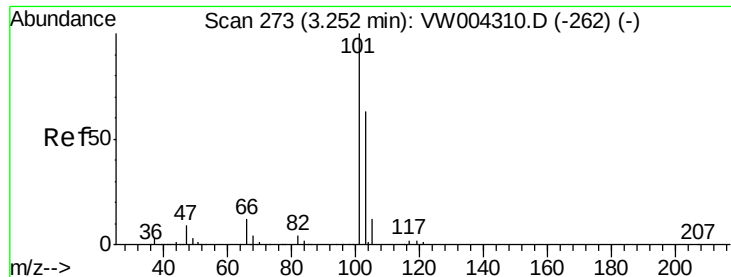
Tgt Ion: 64 Resp: 14172

Ion Ratio Lower Upper

64 100

66 33.3 23.7 35.5





#7

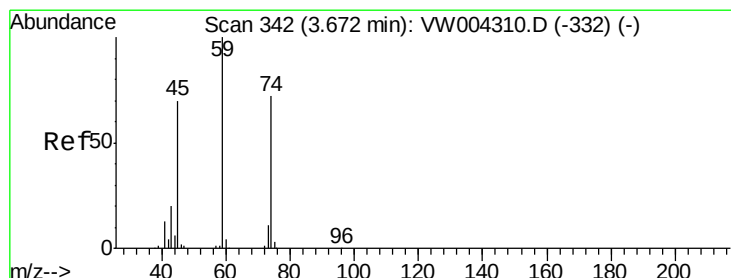
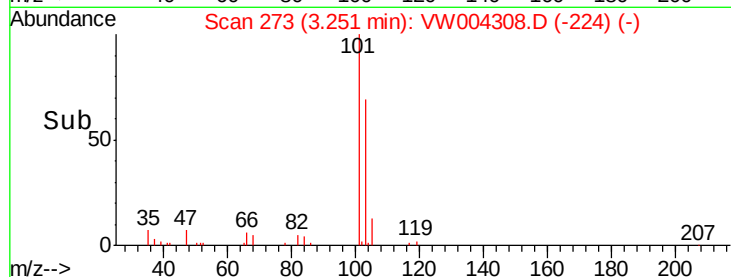
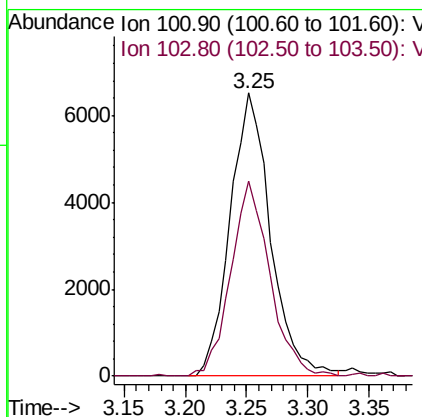
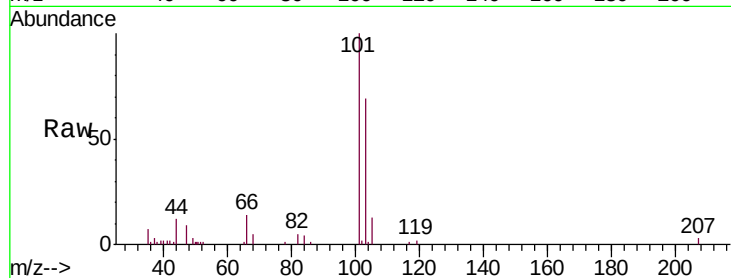
Trichlorofluoromethane
 Concen: 12.83 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. -0.00 min
 Lab File: VW004308.D
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 MSVOA_W
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 VSTDIC010

Tot Ion	Ratio	Lower	Upper
101	100		
103	69.0	50.8	76.2

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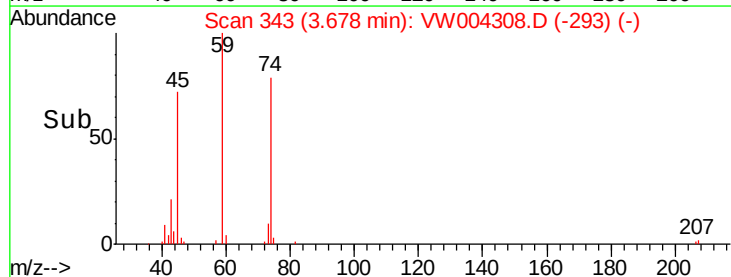
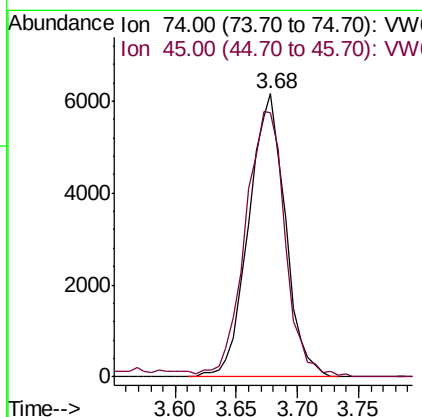
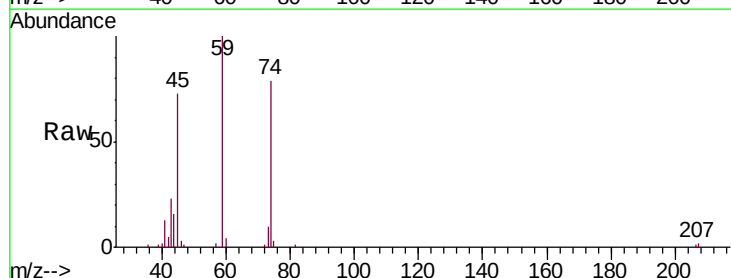
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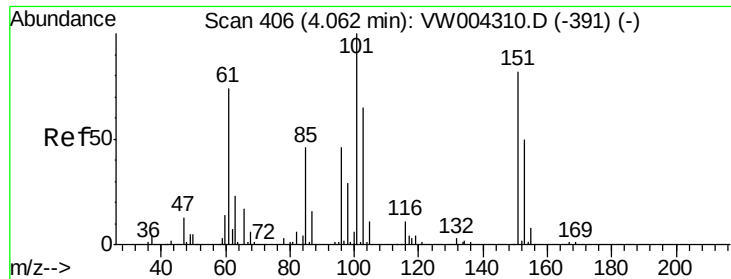


#8

Diethyl Ether
 Concen: 12.53 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.01 min
 Lab File: VW004308.D
 Acq: 29 Jul 2018 12:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.7	49.4	148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 9.67 ug/l

RT: 4.06 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Instrument :

MSVOA_W

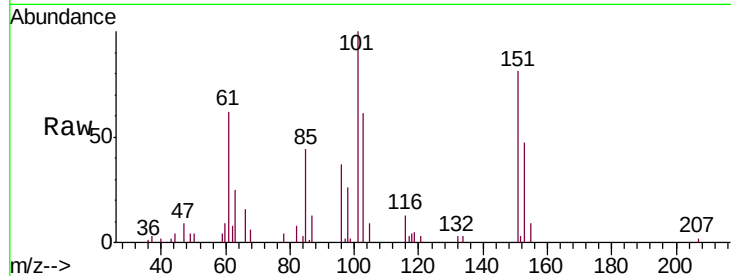
ClientSampleId :

VSTDIC010

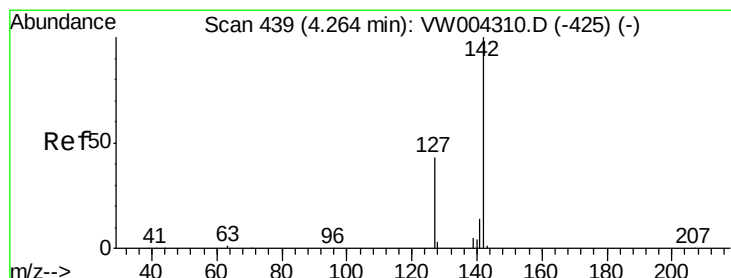
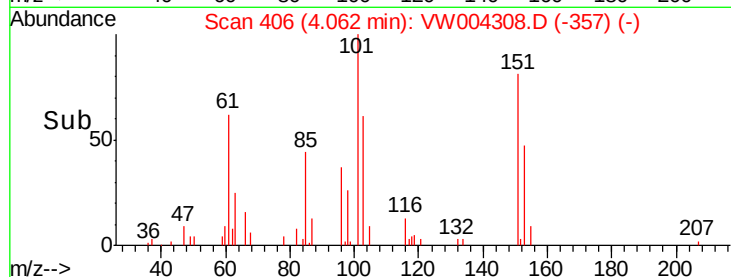
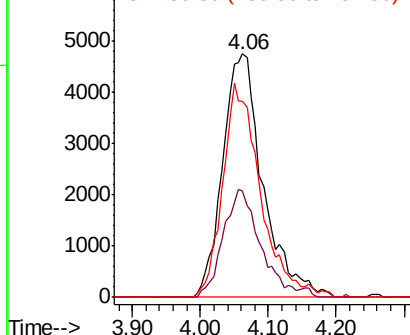
Tot Ion:	101	Resp:	19522
Ion Ratio	Lower	Upper	
101	100		
85	40.5	35.5	53.3
151	82.1	64.6	97.0

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



#10

Methyl Iodide

Concen: 9.25 ug/l

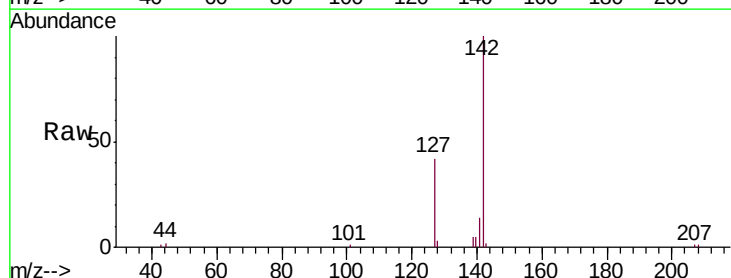
RT: 4.26 min Scan# 439

Delta R.T. -0.00 min

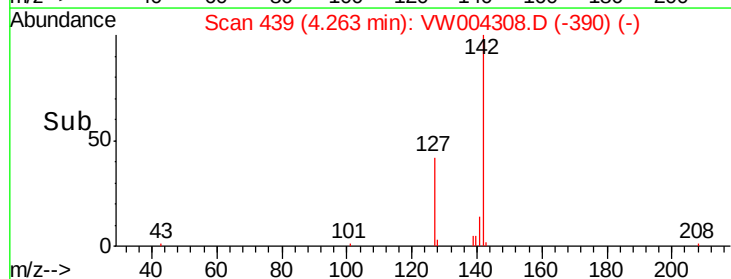
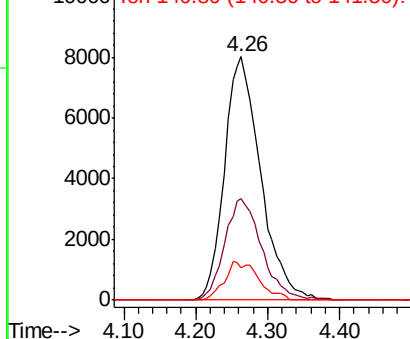
Lab File: VW004308.D

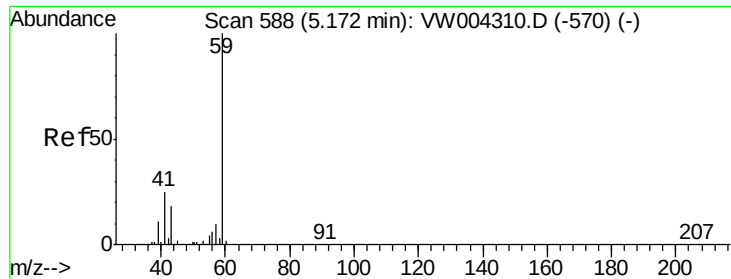
Acq: 29 Jul 2018 12:12

Tgt Ion:	142	Resp:	27946
Ion Ratio	Lower	Upper	
142	100		
127	42.3	34.6	52.0
141	14.9	11.5	17.3



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





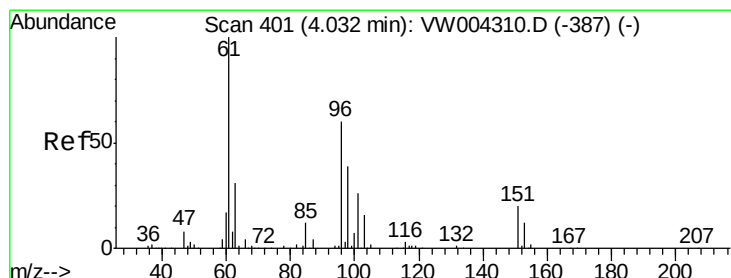
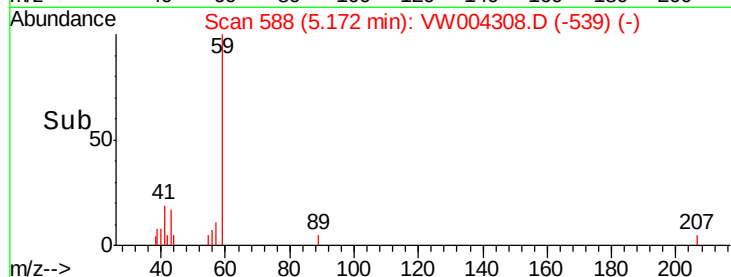
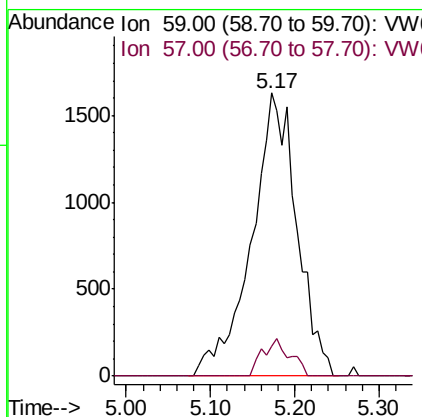
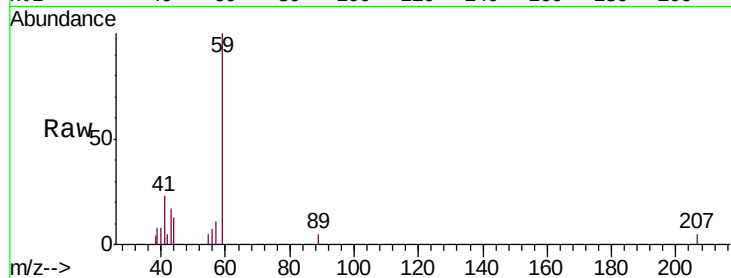
#11
Tert butyl alcohol
Concen: 40.34 ug/l
RT: 5.17 min Scan# 588
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.0	8.4	12.6#

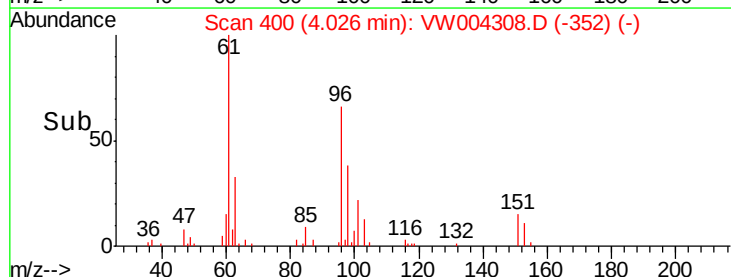
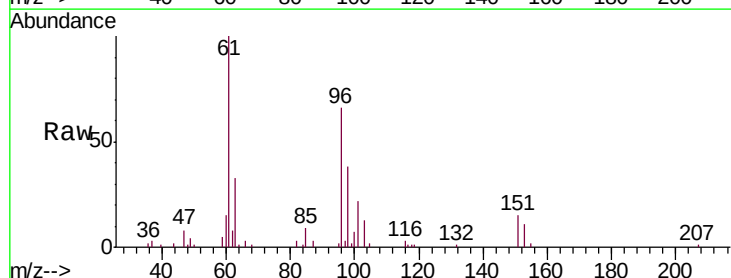
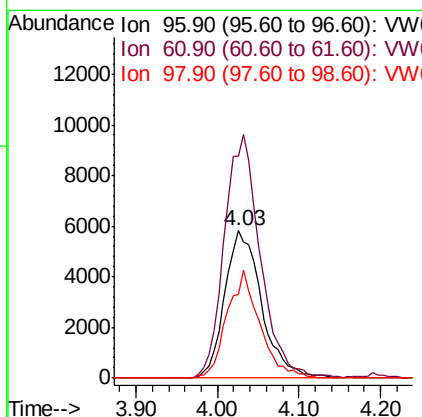
Manual Integrations
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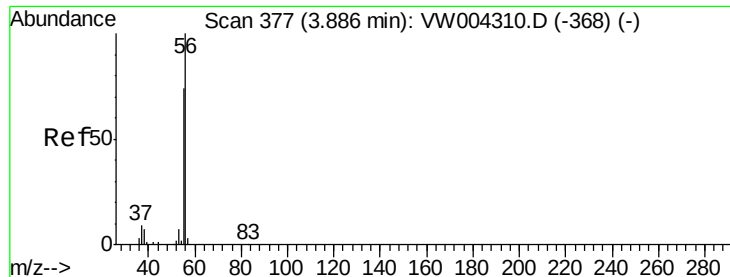
apatel
7/30/2018 10:32:22 AM



#12
1,1-Dichloroethene
Concen: 9.03 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.01 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.7	133.4	200.0
98	57.2	51.9	77.9





#13

Acrolein

Concen: 41.26 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.01 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 56 Resp: 5458

Ion Ratio Lower Upper

56 100

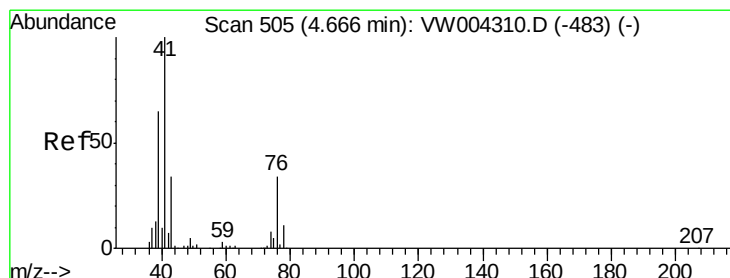
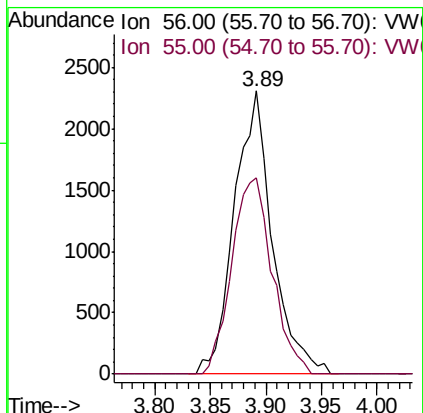
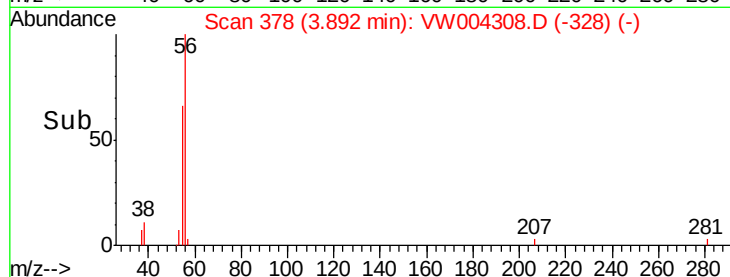
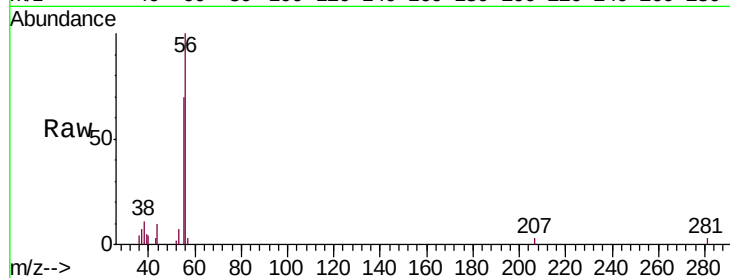
55 73.8 59.4 89.2

Manual Integrations

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#14

Allyl chloride

Concen: 7.85 ug/l

RT: 4.66 min Scan# 504

Delta R.T. -0.01 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

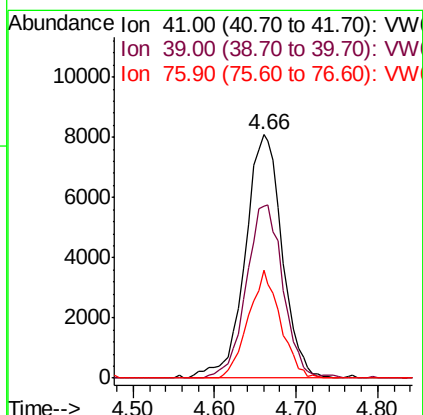
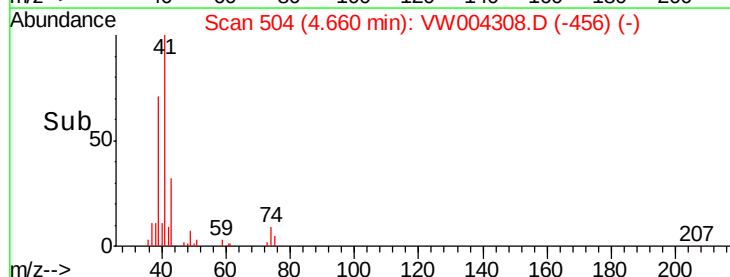
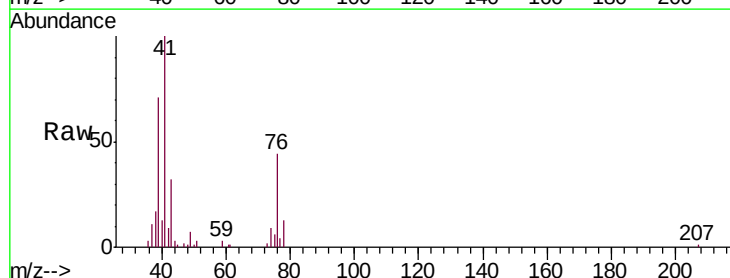
Tgt Ion: 41 Resp: 25464

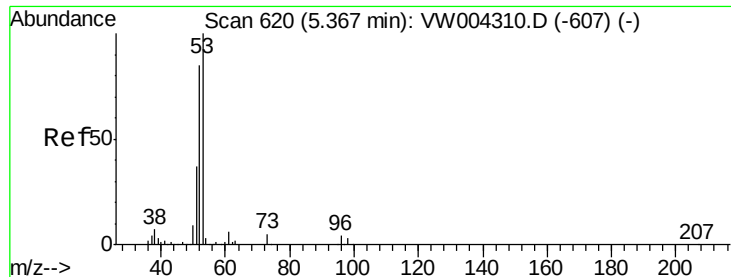
Ion Ratio Lower Upper

41 100

39 70.6 52.3 78.5

76 38.5 27.3 40.9





#15

Acrylonitrile

Concen: 40.83 ug/l

RT: 5.37 min Scan# 620

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Instrument :

MSVOA_W

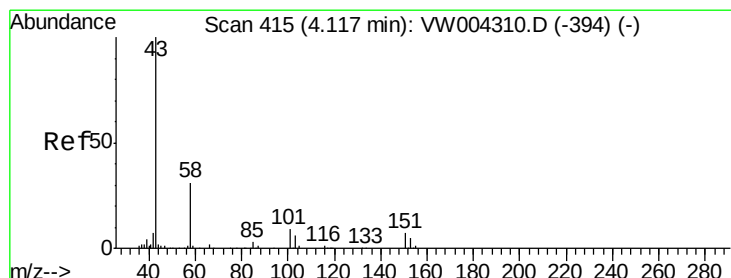
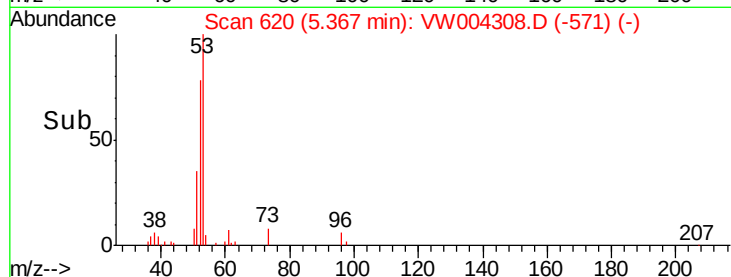
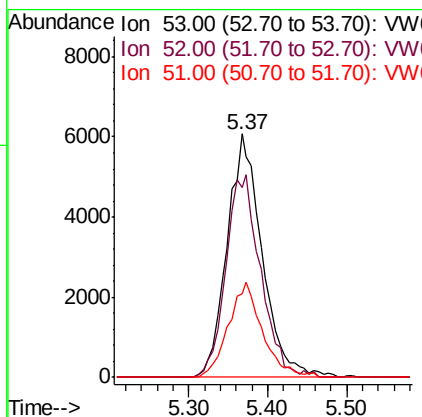
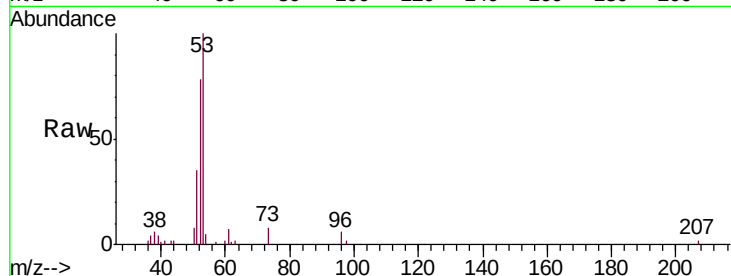
ClientSampled :

VSTDIC010

Tot Ion:	53	Resp:	18714
Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.7	98.5
51	38.2	29.2	43.8

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#16

Acetone

Concen: 41.00 ug/l

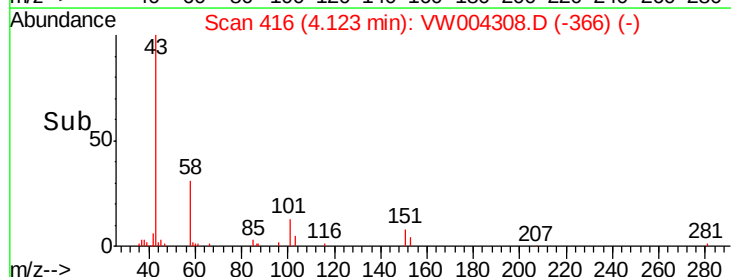
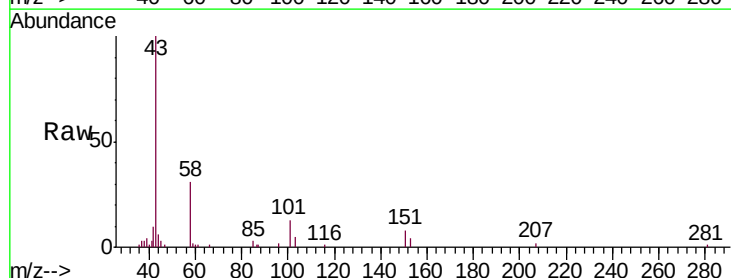
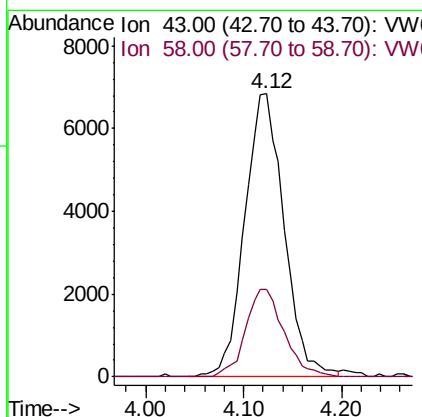
RT: 4.12 min Scan# 416

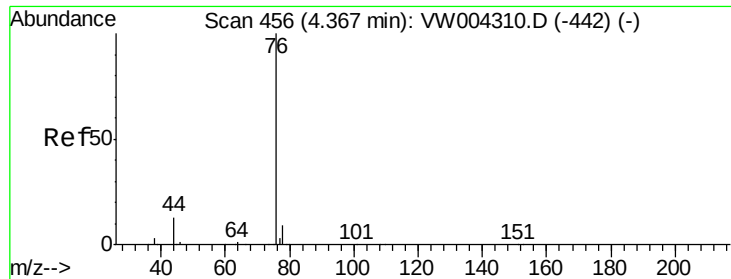
Delta R.T. 0.01 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Tgt Ion:	43	Resp:	19112
Ion	Ratio	Lower	Upper
43	100		
58	30.8	24.8	37.2





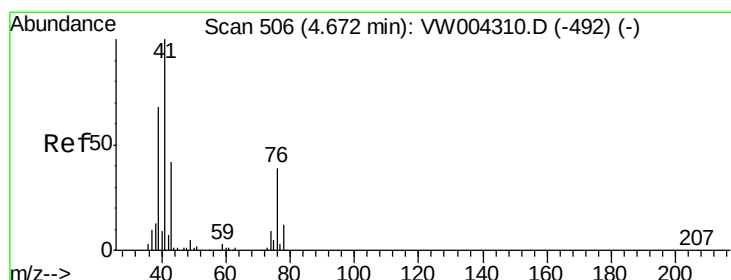
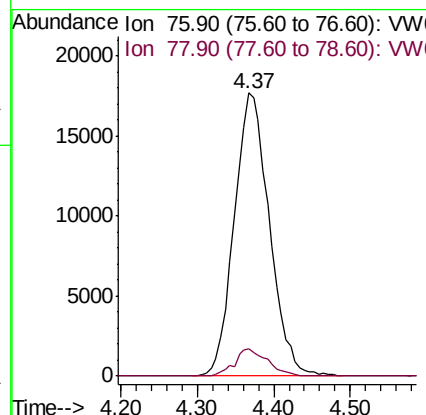
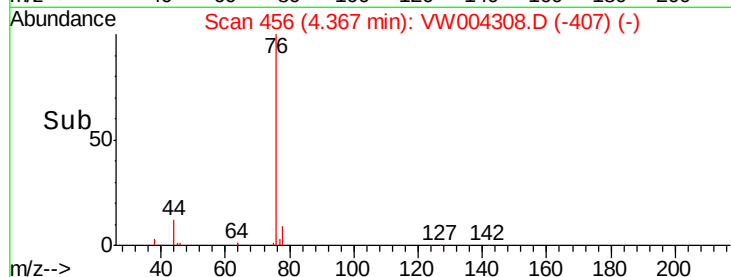
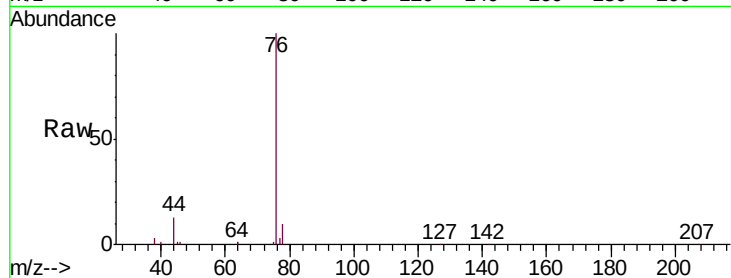
#17
Carbon Disulfide
Concen: 9.02 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.4	11.0

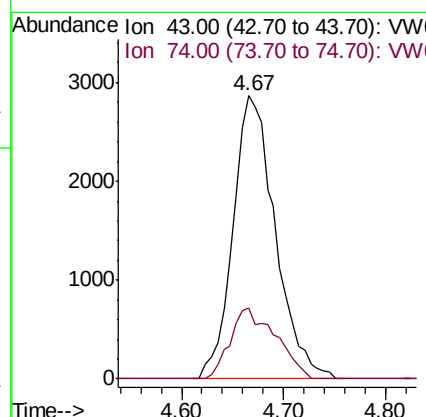
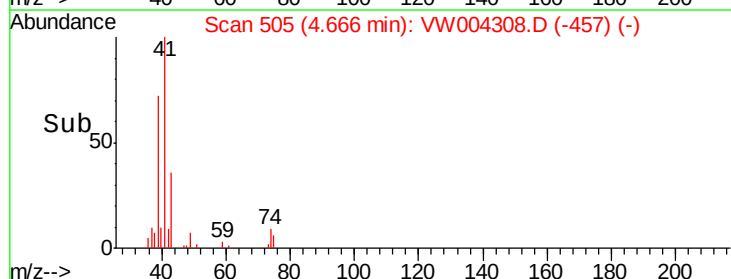
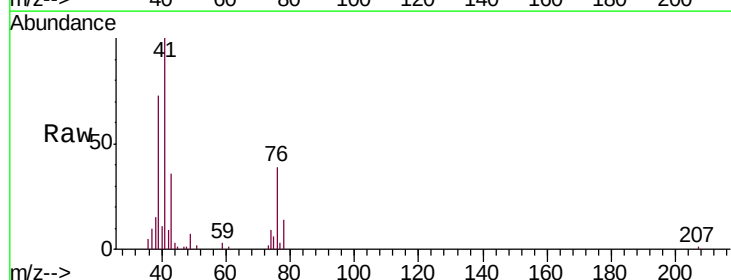
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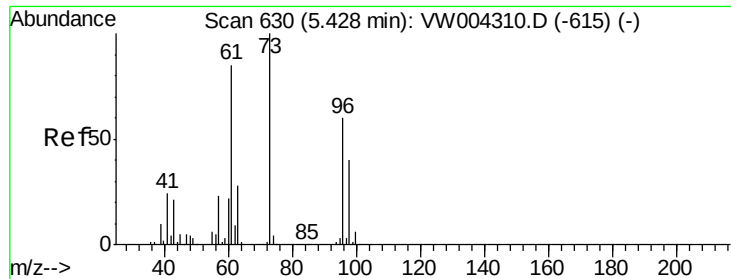
apatel
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#18
Methyl Acetate
Concen: 6.86 ug/l
RT: 4.67 min Scan# 505
Delta R.T. -0.01 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.0	17.8	26.6#





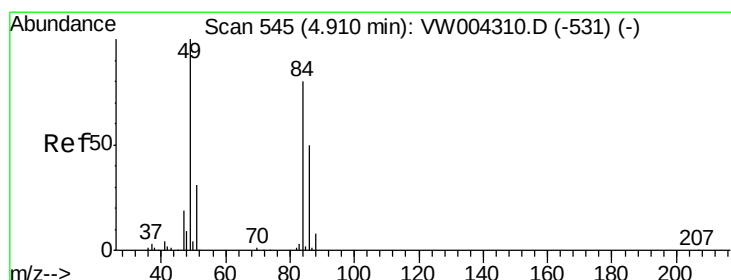
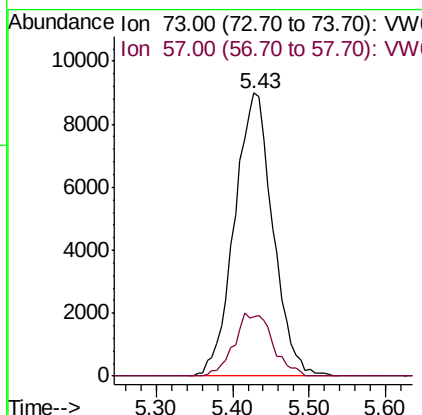
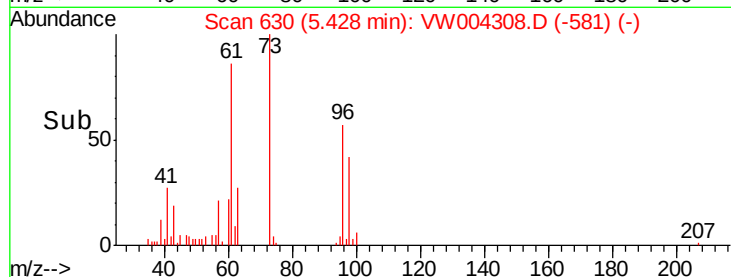
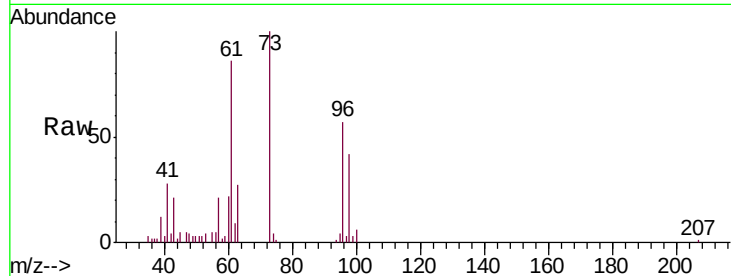
#19
Methyl tert-butyl Ether
Concen: 8.70 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion: 73 Resp: 31276
Ion Ratio Lower Upper
73 100
57 21.1 18.4 27.6

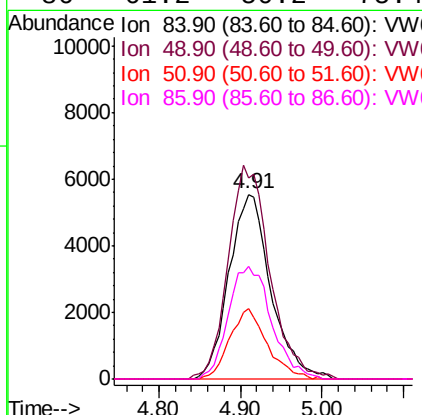
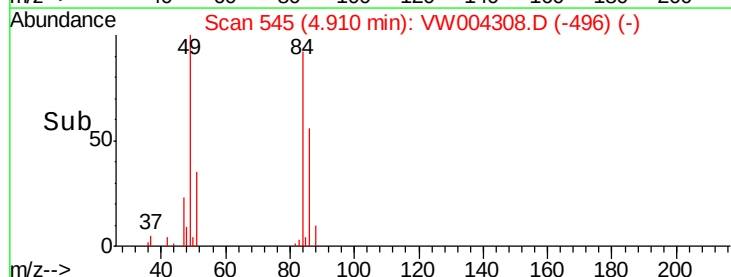
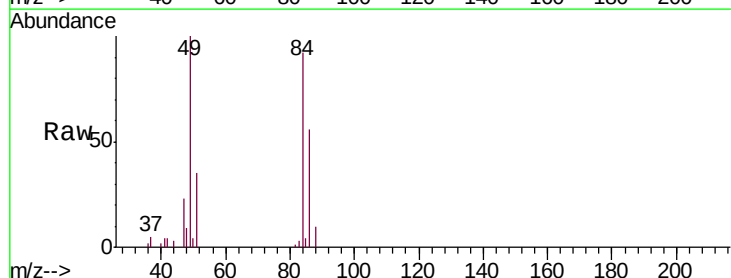
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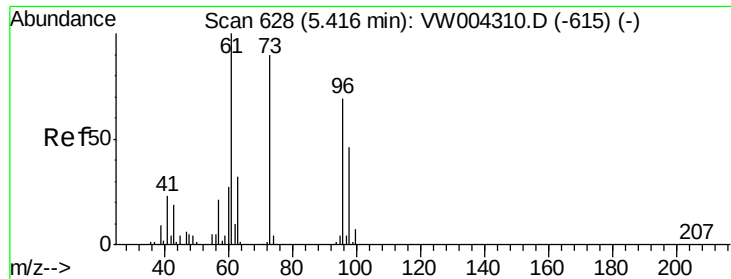
apatel
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#20
Methylene Chloride
Concen: 9.06 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Tgt Ion: 84 Resp: 19646
Ion Ratio Lower Upper
84 100
49 109.0 100.5 150.7
51 38.3 30.9 46.3
86 61.2 50.2 75.4





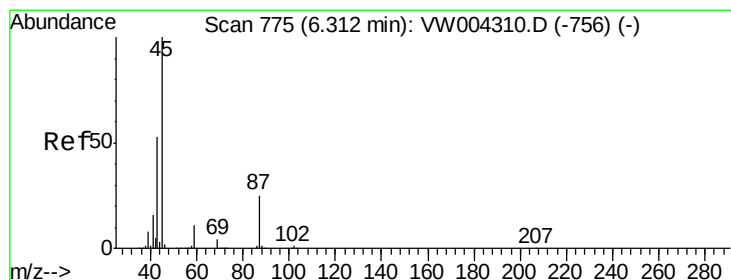
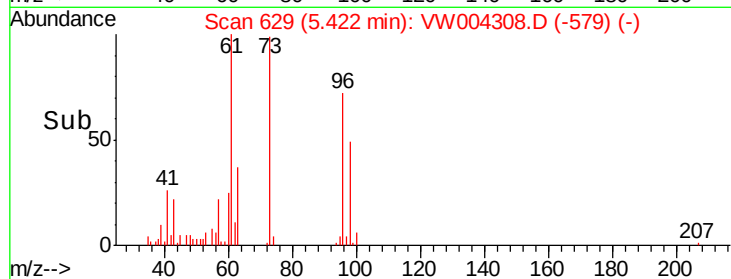
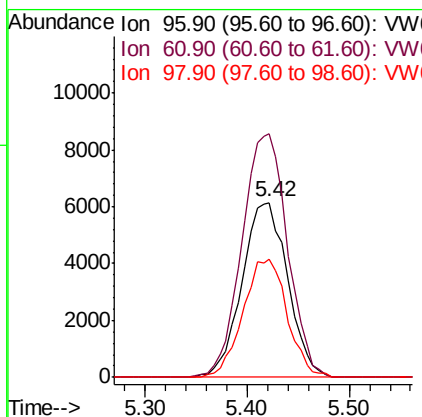
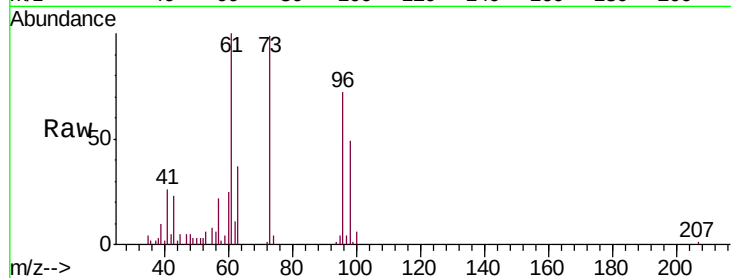
#21
trans-1,2-Dichloroethene
Concen: 8.88 ug/l
RT: 5.42 min Scan# 629
Delta R.T. 0.01 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.3	116.2	174.2
98	67.7	52.9	79.3

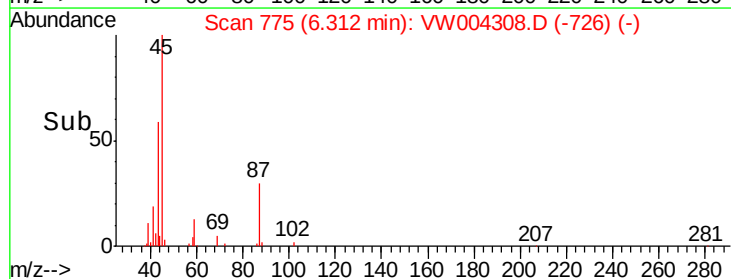
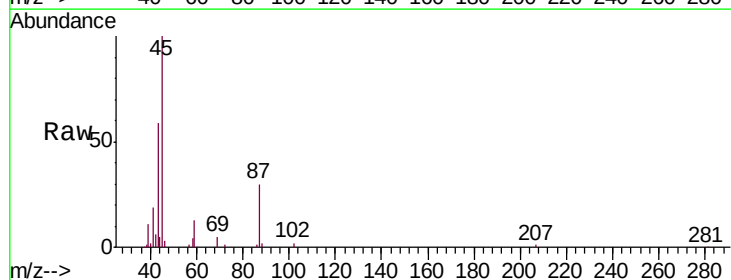
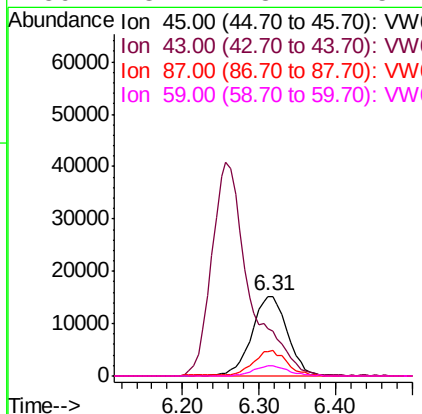
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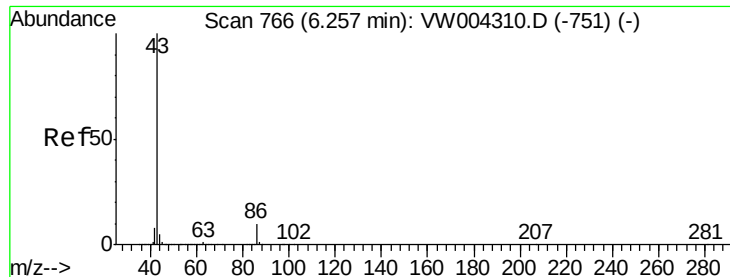
apatel
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#22
Diisopropyl ether
Concen: 8.11 ug/l
RT: 6.31 min Scan# 775
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Tgt Ion	Ratio	Lower	Upper
45	100		
43	57.8	42.3	63.5
87	30.2	19.9	29.9#
59	13.4	8.7	13.1#





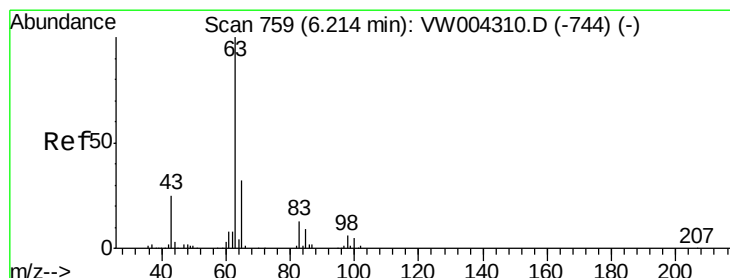
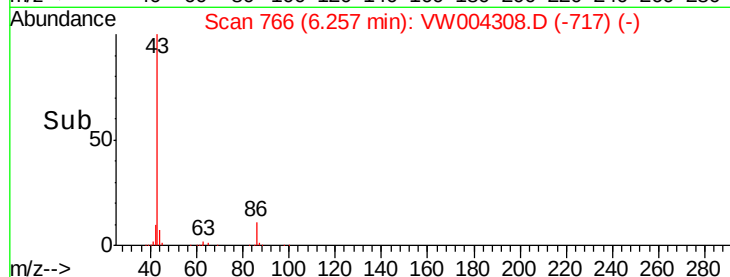
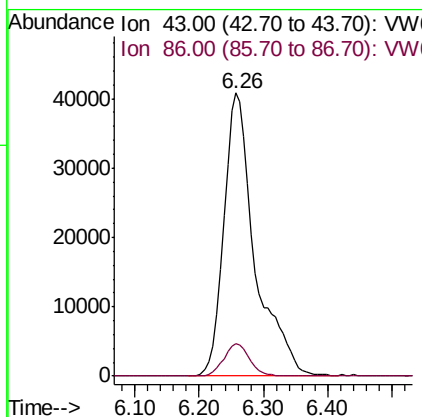
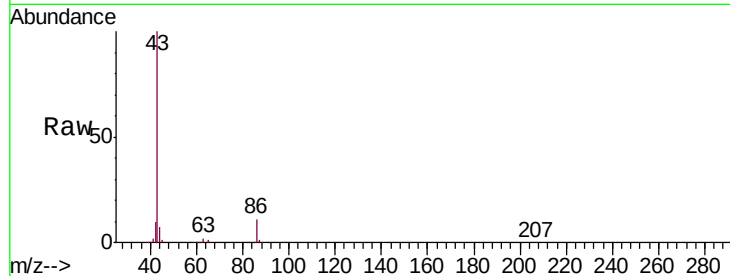
#23
 Vinyl Acetate
 Concen: 39.16 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: VW004308.D
 Acq: 29 Jul 2018 12:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	43	Resp	138734
Ion Ratio	Lower	Upper	
43	100		
86	11.3	7.7	11.5

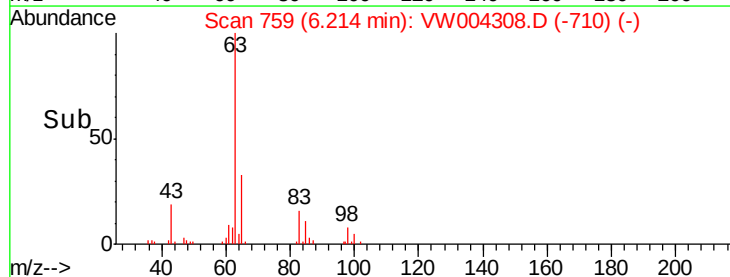
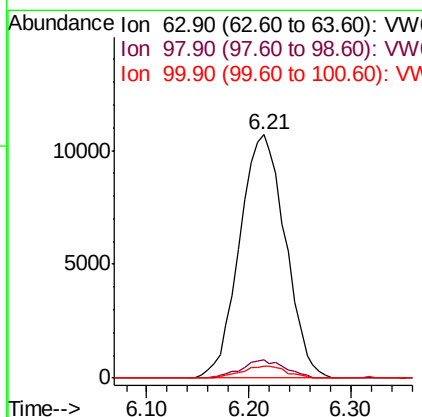
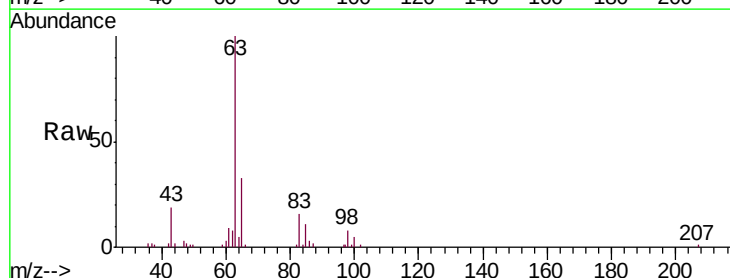
Manual Integrations
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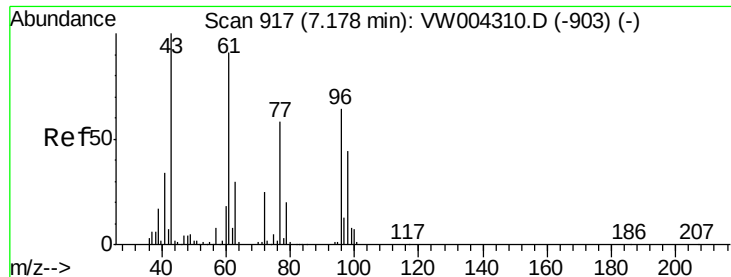
apatel
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#24
 1,1-Dichloroethane
 Concen: 8.46 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: VW004308.D
 Acq: 29 Jul 2018 12:12

Tgt Ion	63	Resp	33263
Ion Ratio	Lower	Upper	
63	100		
98	7.6	3.2	9.6
100	4.8	2.3	6.9





#25

2-Butanone

Concen: 41.01 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 23170

Ion Ratio Lower Upper

43 100

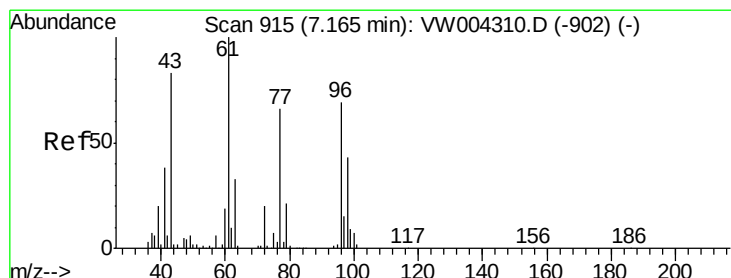
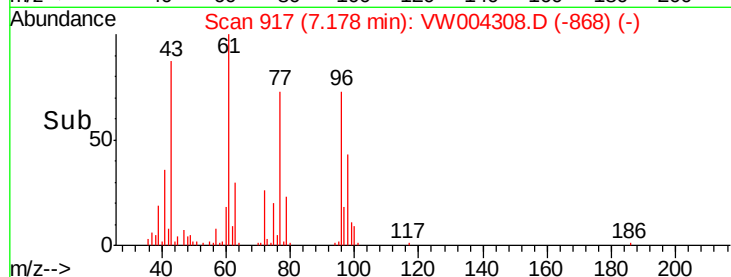
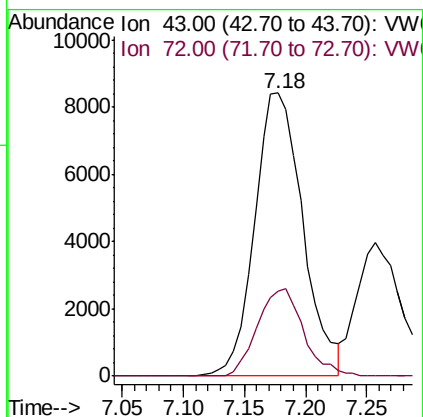
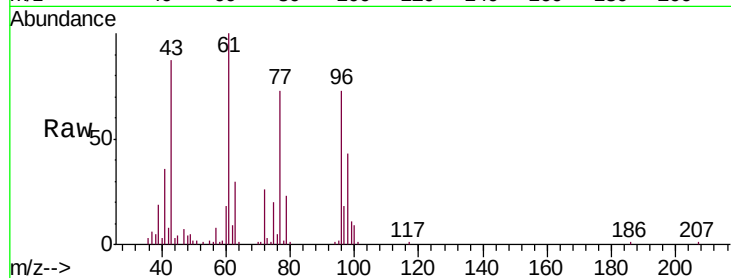
72 30.2 20.3 30.5

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 10.25 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW004308.D

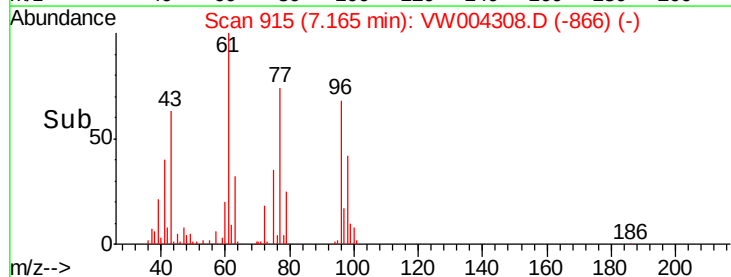
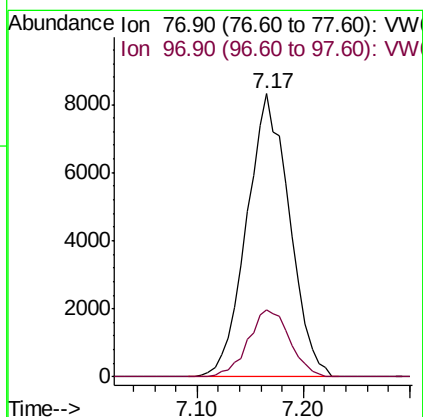
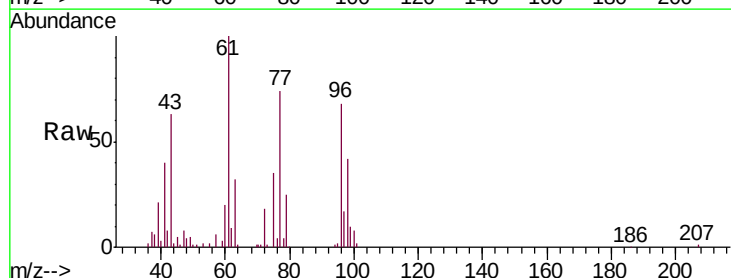
Acq: 29 Jul 2018 12:12

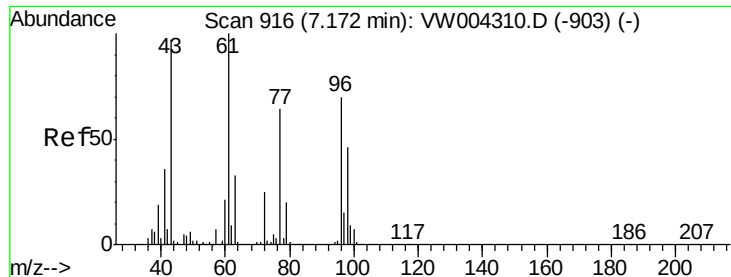
Tgt Ion: 77 Resp: 23385

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 9.43 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Instrument :

MSVOA_W

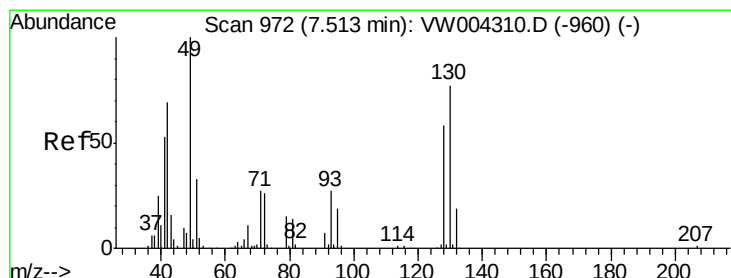
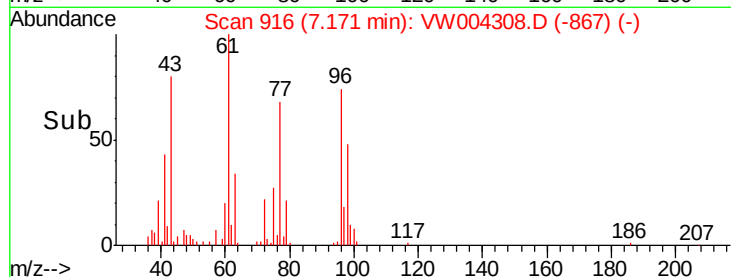
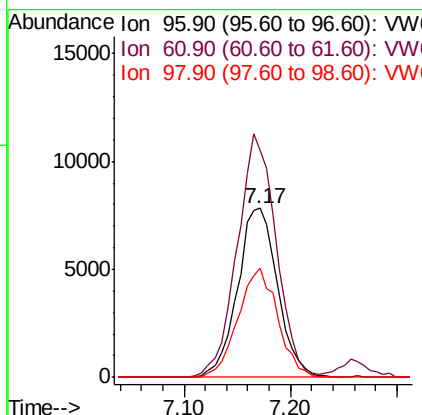
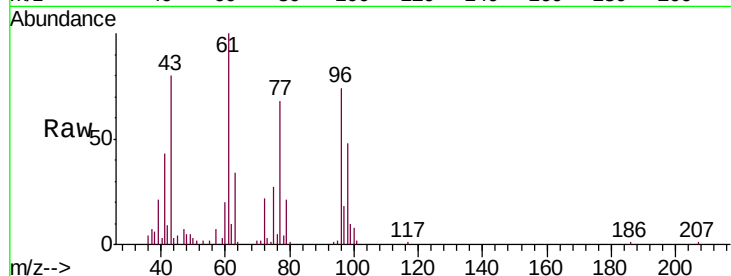
ClientSampled :

VSTDIC010

Tot Ion:	96	Resp:	20664
Ion	Ratio	Lower	Upper
96	100		
61	140.0	0.0	292.0
98	63.6	0.0	129.6

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#28

Bromochloromethane

Concen: 8.88 ug/l

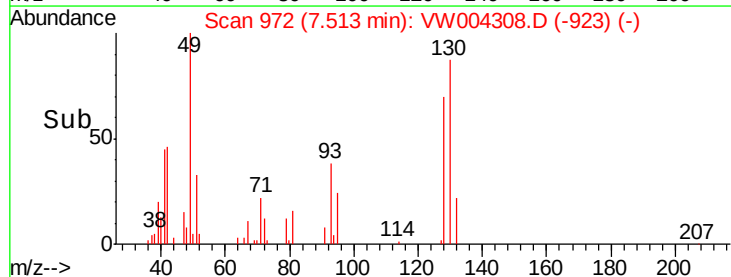
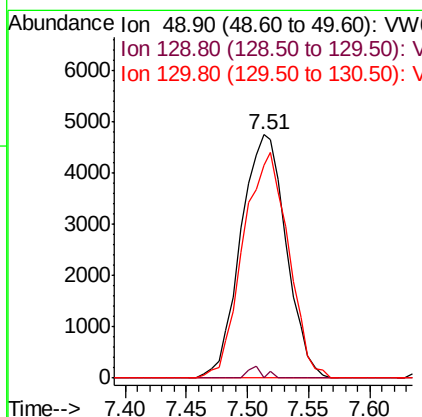
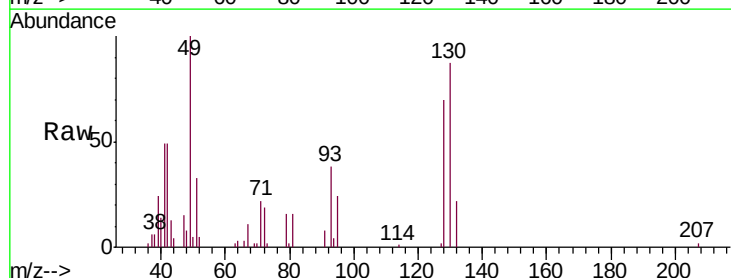
RT: 7.51 min Scan# 972

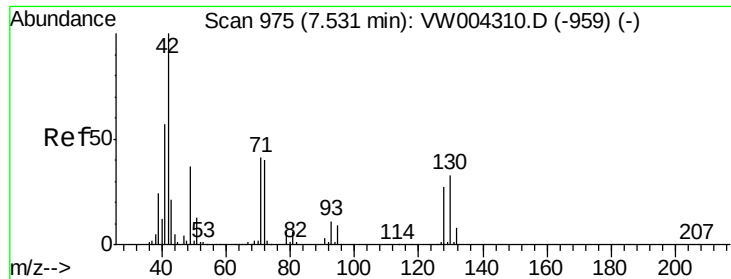
Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Tgt Ion:	49	Resp:	12233
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.6
130	92.7	61.5	92.3#





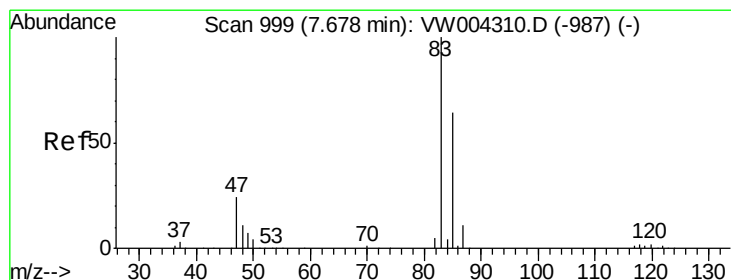
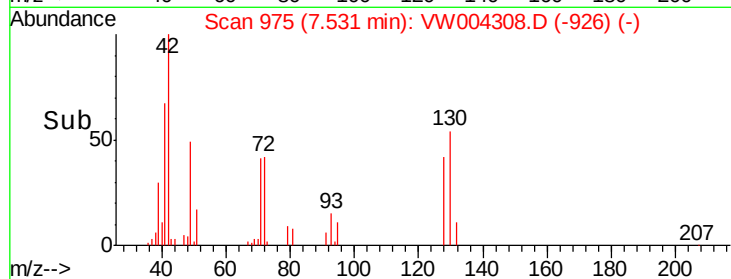
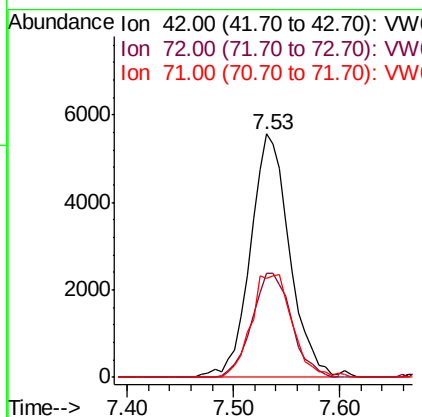
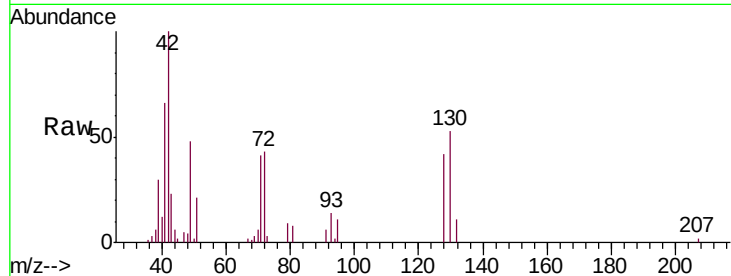
#29
Tetrahydrofuran
Concen: 39.48 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion:	42	Resp:	14274
Ion	Ratio	Lower	Upper
42	100		
72	43.6	32.6	48.8
71	44.5	31.3	46.9

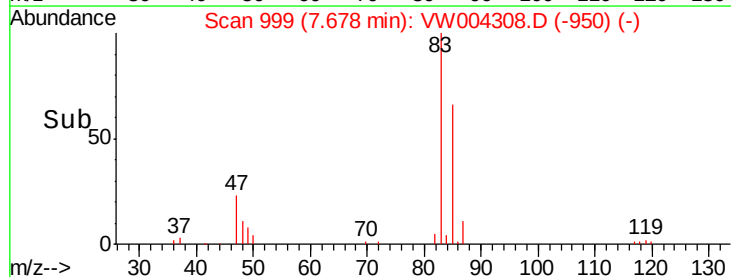
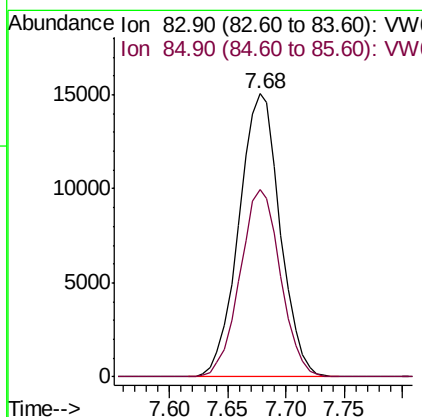
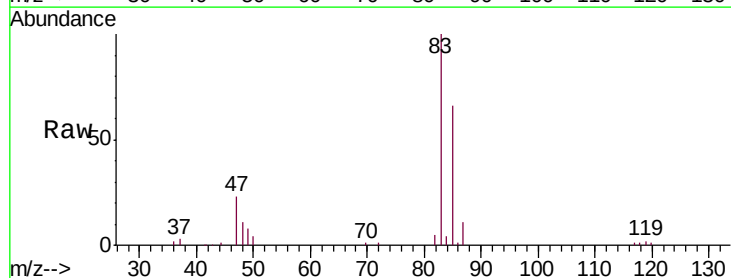
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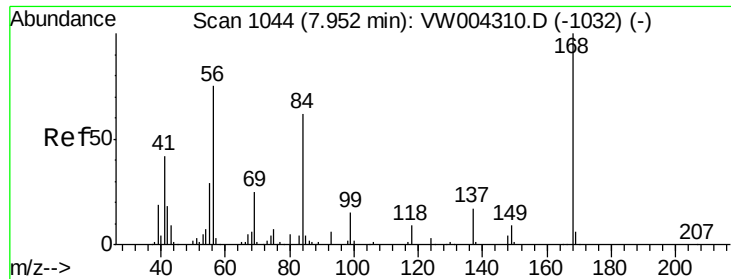
apatel
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#30
Chloroform
Concen: 9.82 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Tgt Ion:	83	Resp:	36904
Ion	Ratio	Lower	Upper
83	100		
85	66.1	51.5	77.3





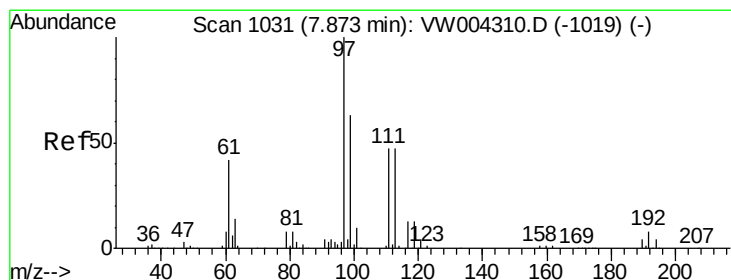
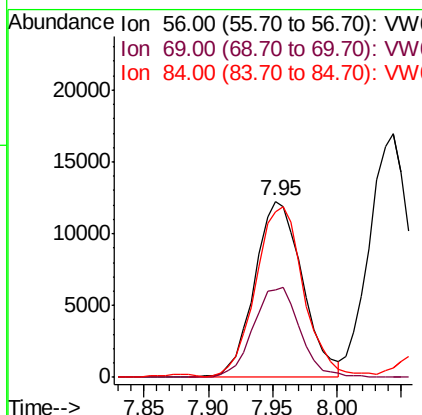
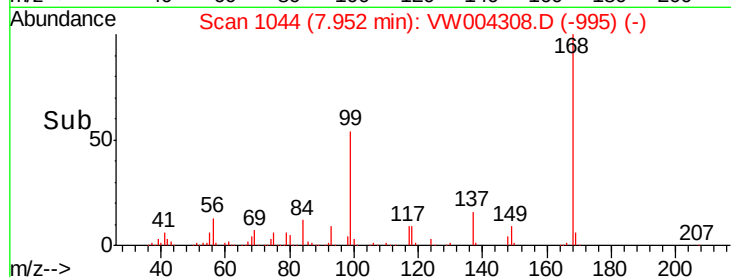
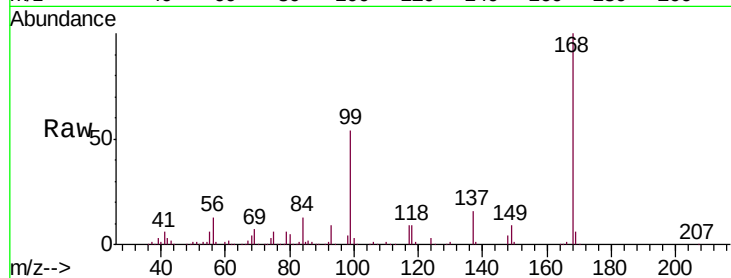
#31
Cyclohexane
Concen: 9.12 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
56	100		
69	49.7	26.3	39.5#
84	92.9	66.2	99.4

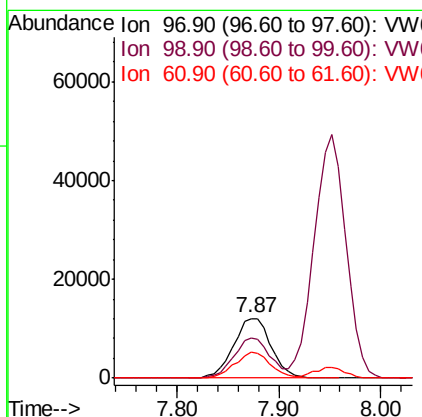
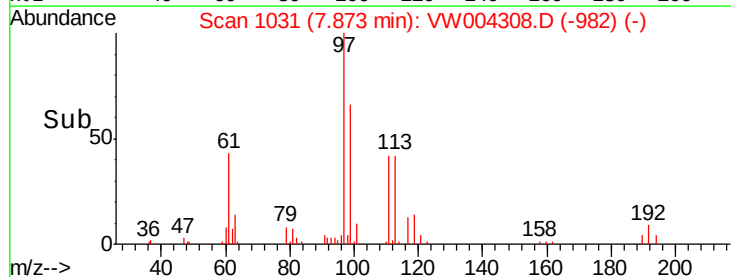
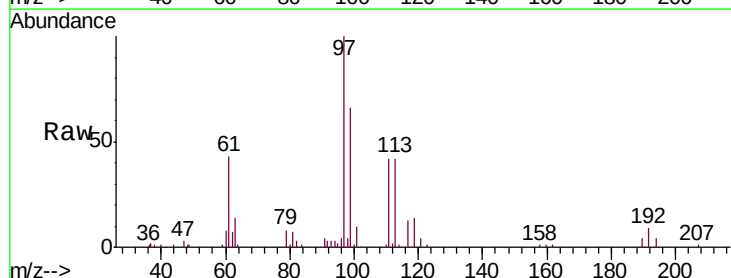
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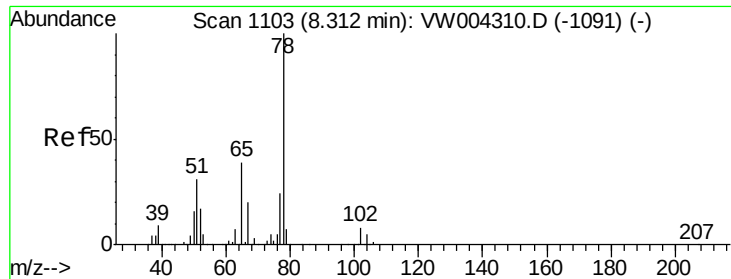
apatel
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#32
1,1,1-Trichloroethane
Concen: 10.02 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.1	51.7	77.5
61	41.6	34.8	52.2





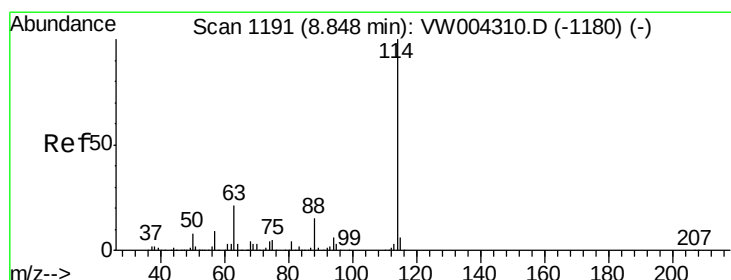
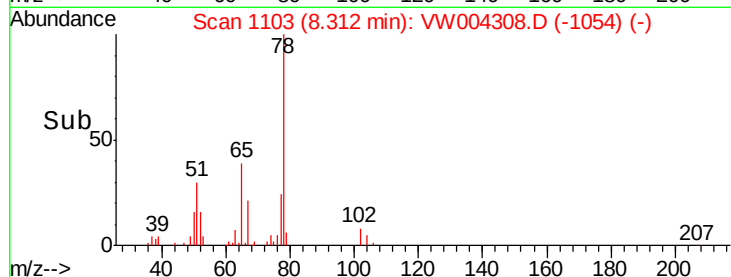
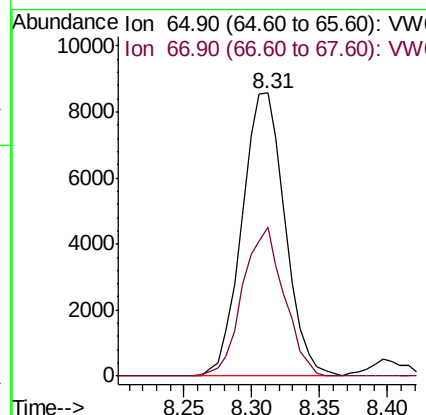
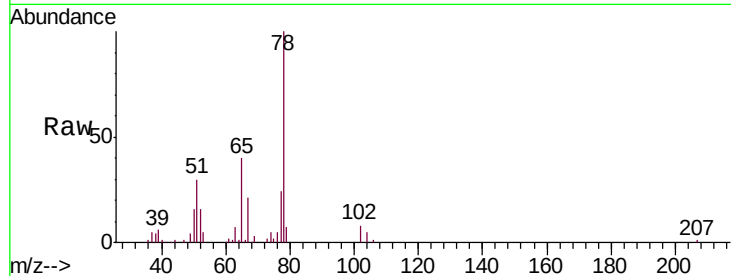
#33
 1,2-Dichloroethane-d4
 Concen: 9.31 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004308.D
 Acq: 29 Jul 2018 12:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
65	100	18949		
67	50.8	0.0	106.4	

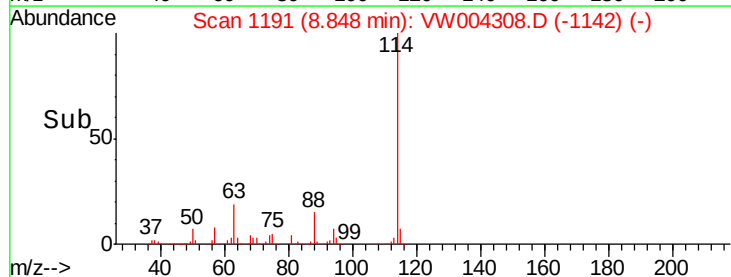
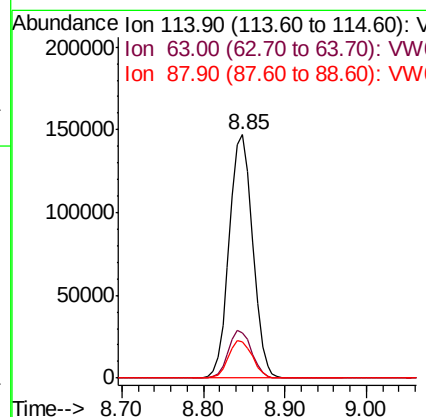
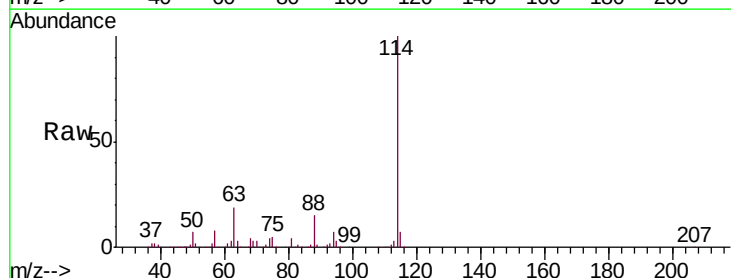
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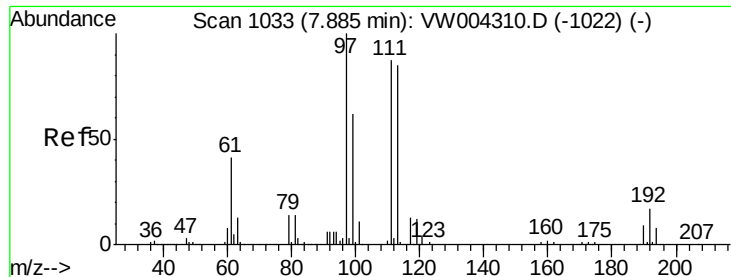
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004308.D
 Acq: 29 Jul 2018 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	291455		
63	18.7	0.0	41.4	
88	15.0	0.0	30.6	





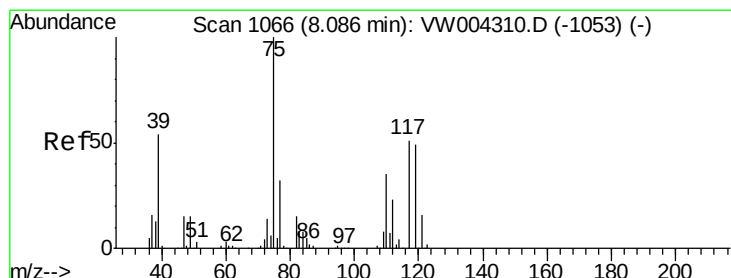
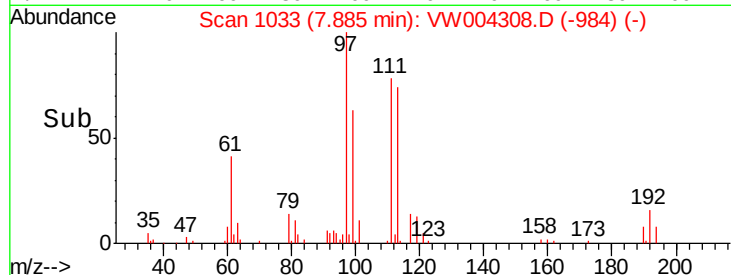
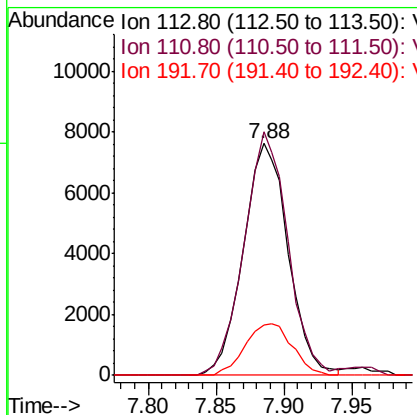
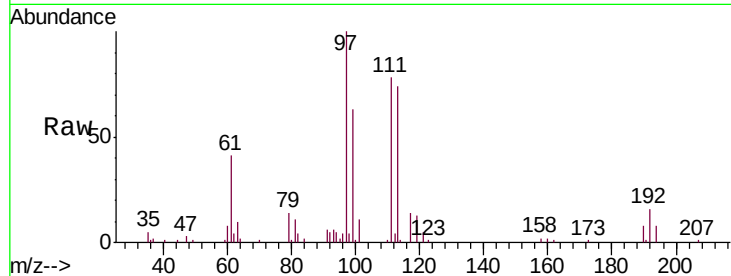
#35
 Dibromofluoromethane
 Concen: 9.56 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004308.D
 Acq: 29 Jul 2018 12:12

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.1	123.1
192	23.1	16.2	24.4

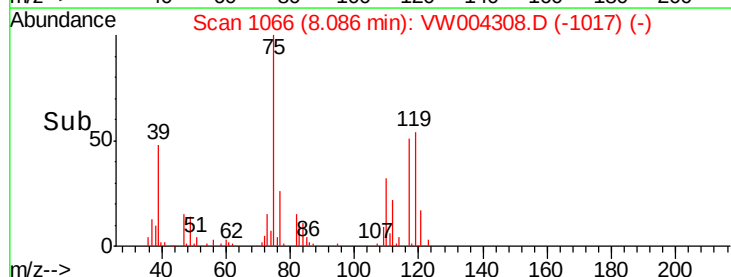
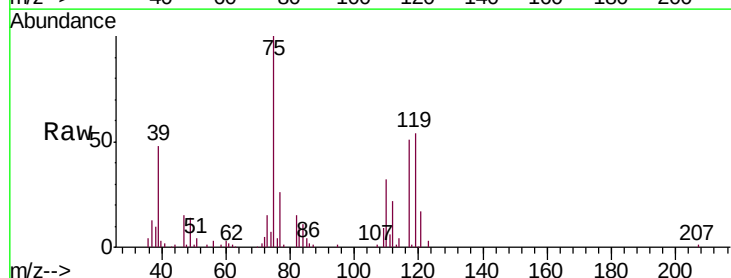
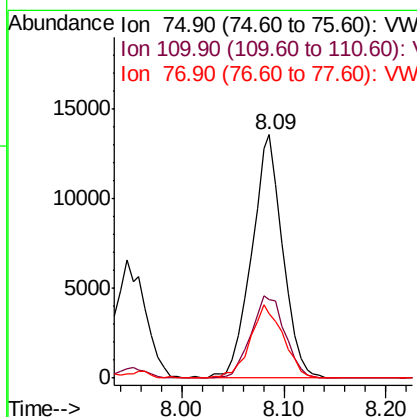
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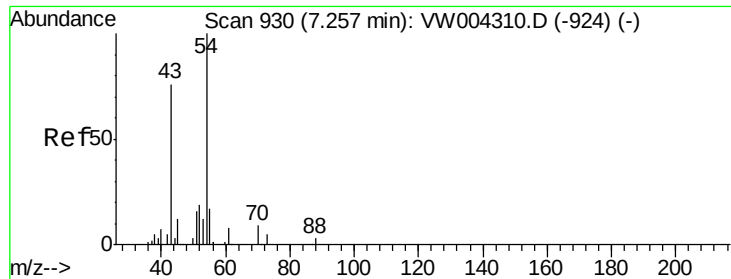
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#36
 1,1-Dichloropropene
 Concen: 9.89 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: VW004308.D
 Acq: 29 Jul 2018 12:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	17.3	52.0
77	31.8	25.0	37.6





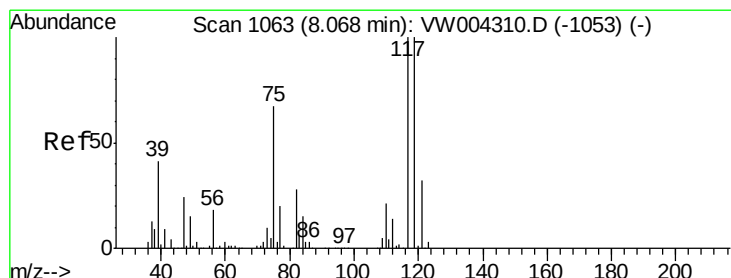
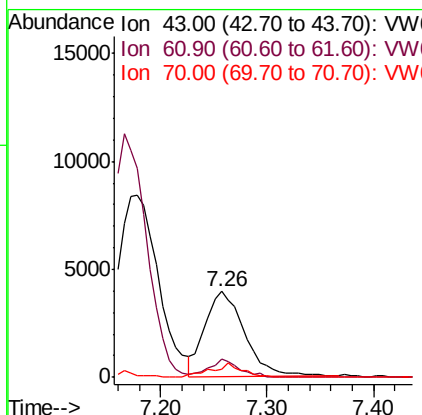
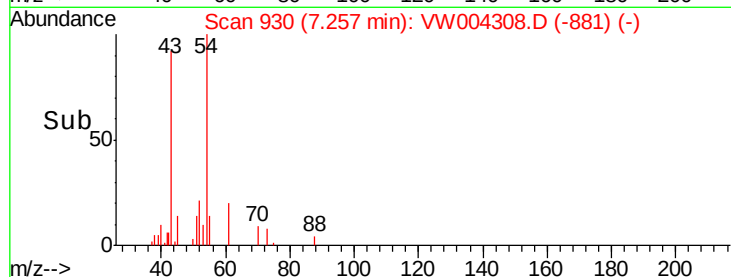
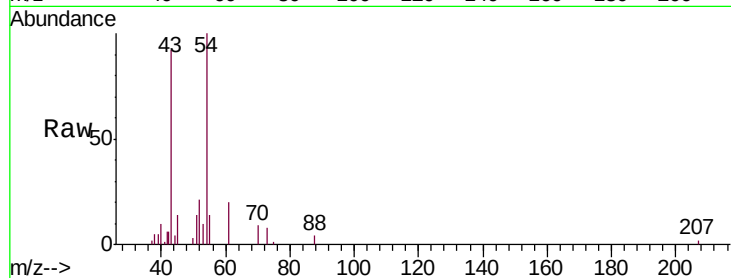
#37
Ethyl Acetate
Concen: 8.39 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.3	11.1	16.7
70	13.0	7.8	11.6

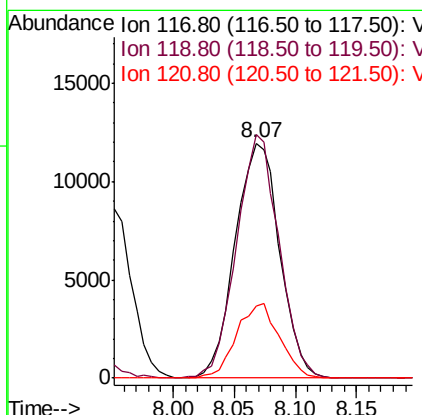
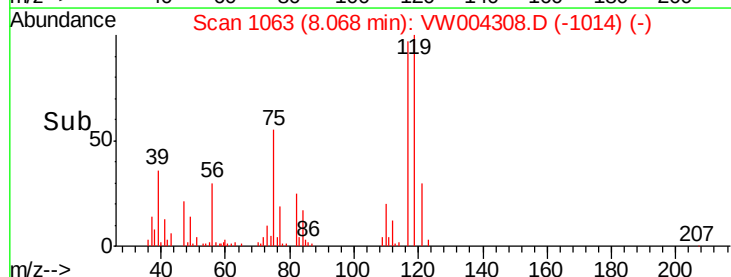
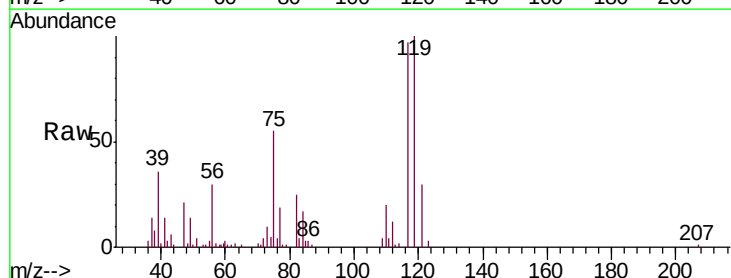
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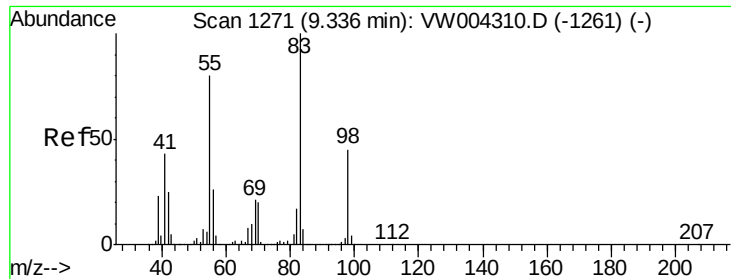
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#38
Carbon Tetrachloride
Concen: 10.52 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	103.6	79.7	119.5
121	30.7	25.7	38.5





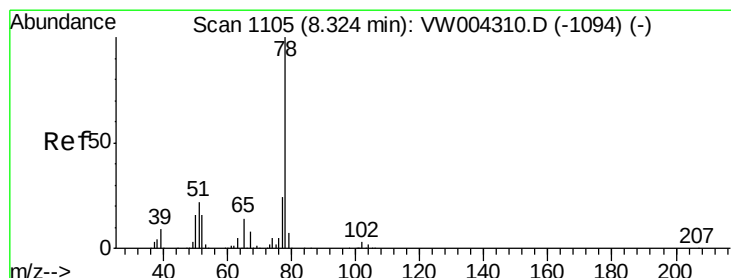
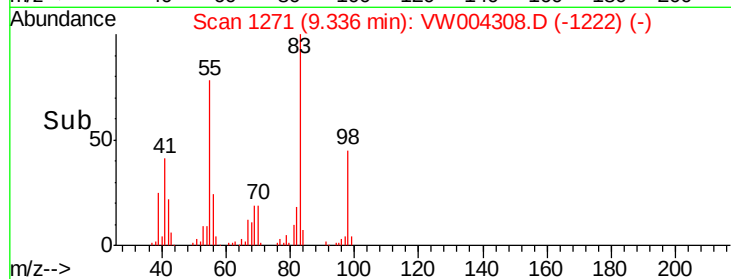
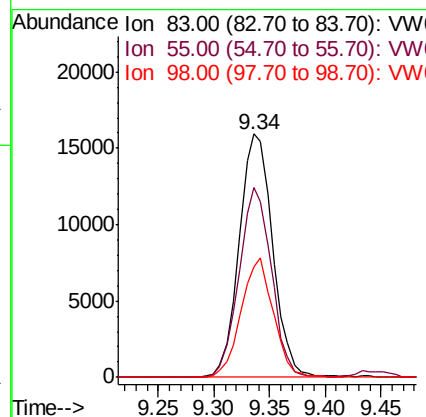
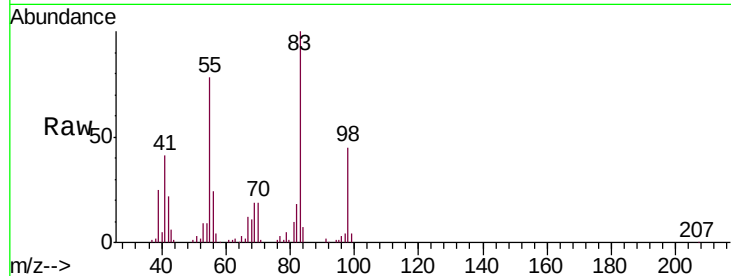
#39
Methylvlcyclohexane
Concen: 9.47 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.8	64.3	96.5
98	45.4	36.3	54.5

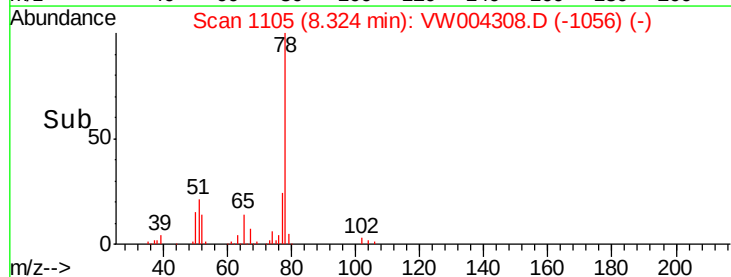
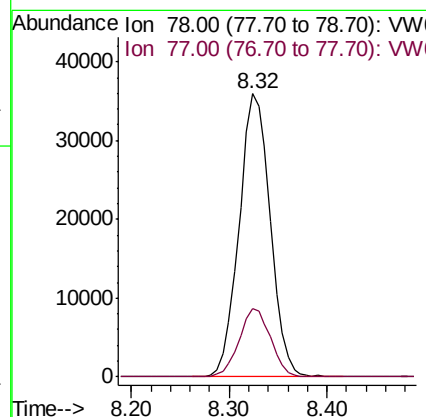
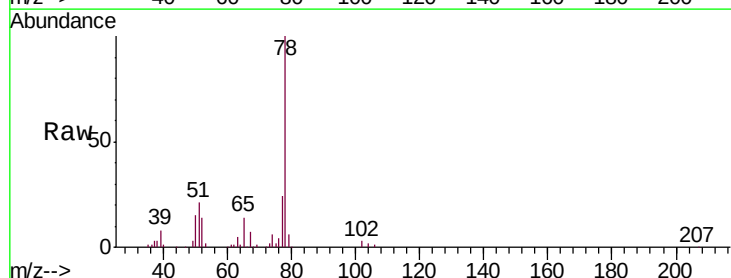
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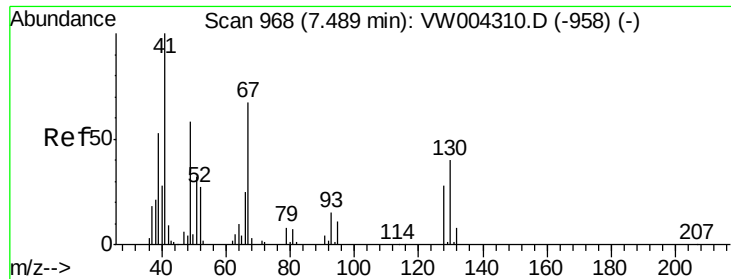
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#40
Benzene
Concen: 9.66 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.4	29.0





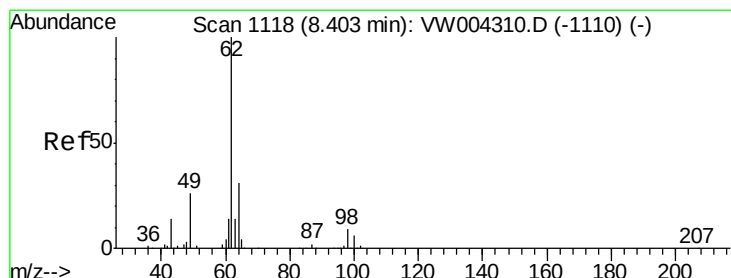
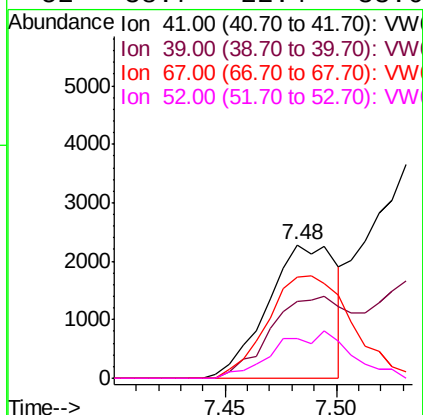
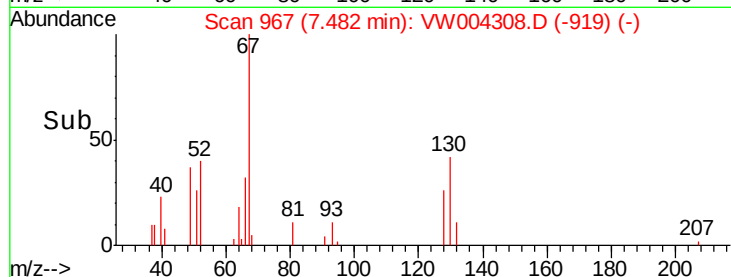
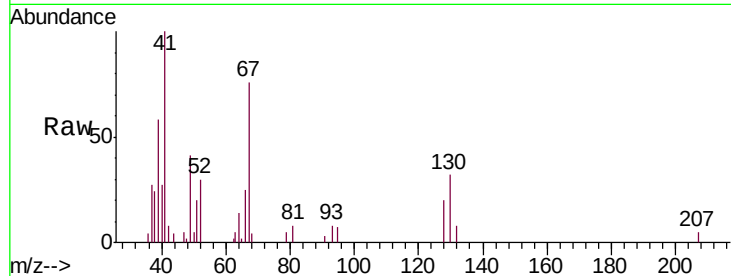
#41
Methacrylonitrile
Concen: 7.14 ug/l
RT: 7.48 min Scan# 967
Delta R.T. -0.01 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
41	100		
39	68.4	41.2	61.8#
67	92.9	53.4	80.0#
52	38.7	22.4	33.6#

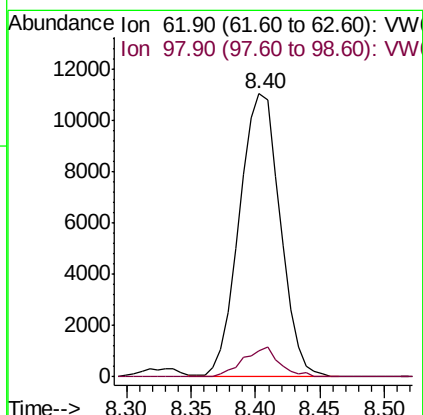
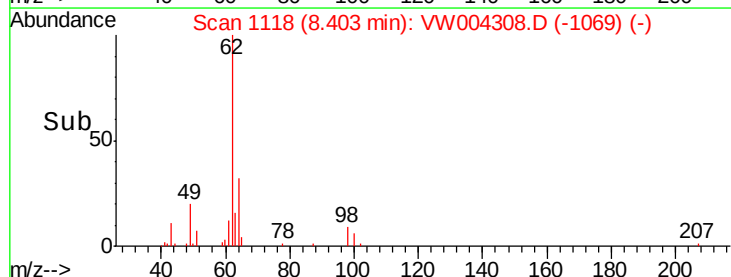
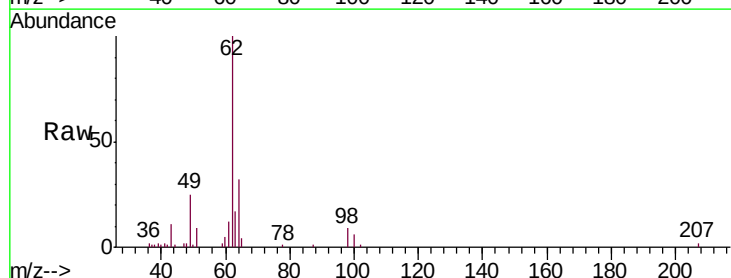
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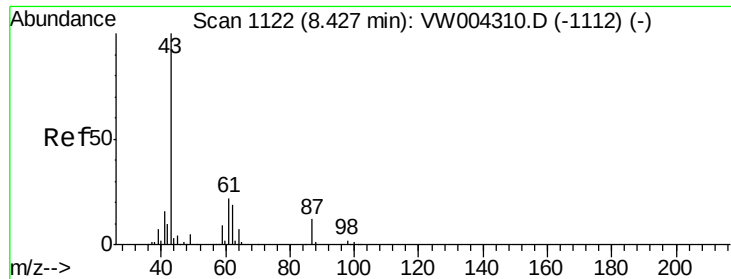
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#42
1,2-Dichloroethane
Concen: 10.35 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.4





#43

Isopropyl Acetate

Concen: 9.13 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Instrument :

MSVOA_W

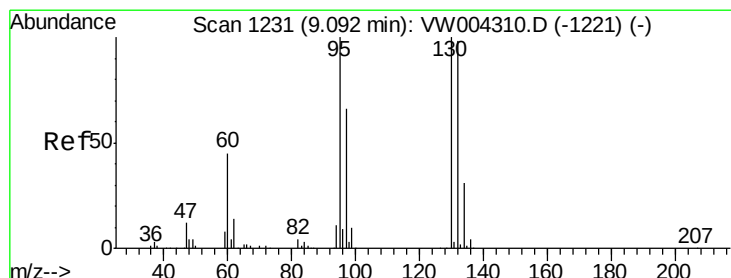
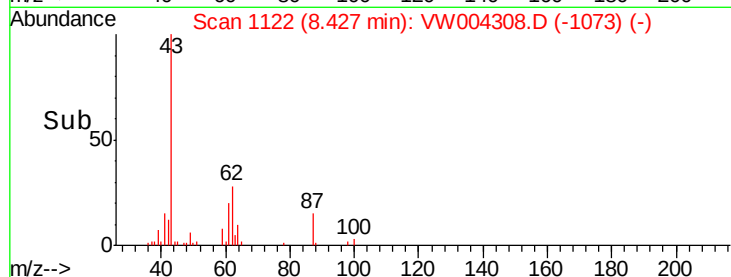
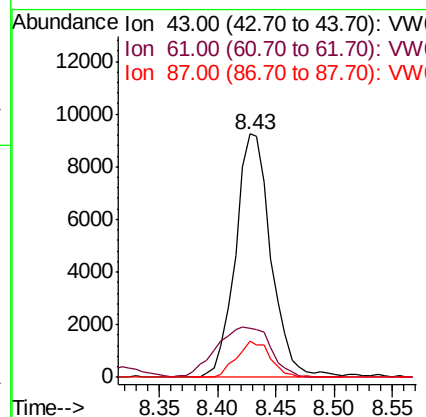
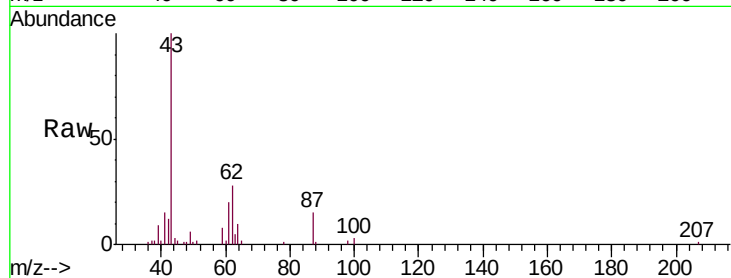
ClientSampled :

VSTDIC010

Tot Ion:	43	Resp:	19667
Ion	Ratio	Lower	Upper
43	100		
61	31.5	24.5	36.7
87	14.0	10.4	15.6

Manual Integrations
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7/30/2018 10:32:22 AM



#44

Trichloroethene

Concen: 10.30 ug/l

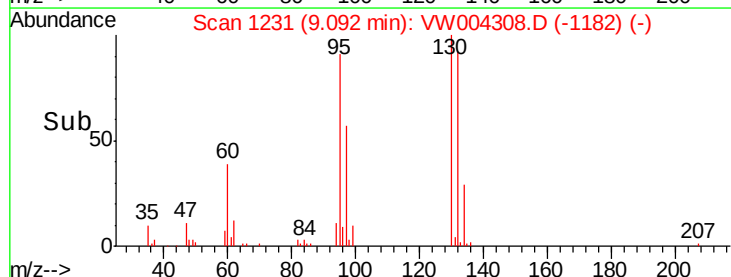
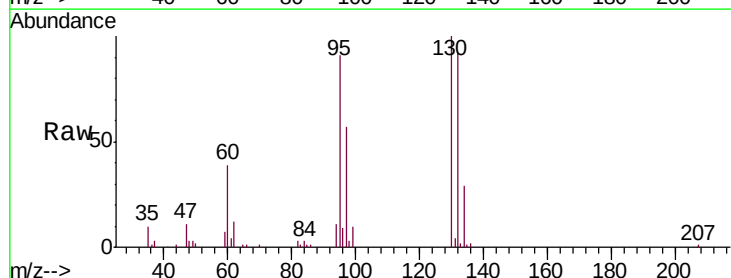
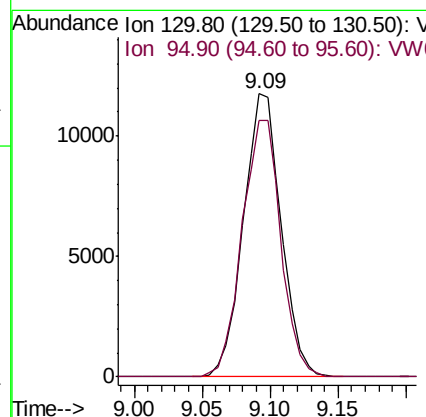
RT: 9.09 min Scan# 1231

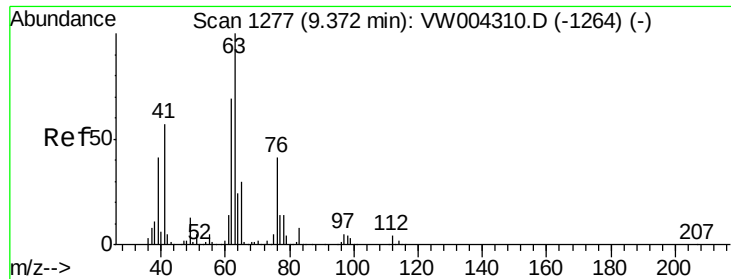
Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Tgt Ion:	130	Resp:	22810
Ion	Ratio	Lower	Upper
130	100		
95	90.6	0.0	199.4





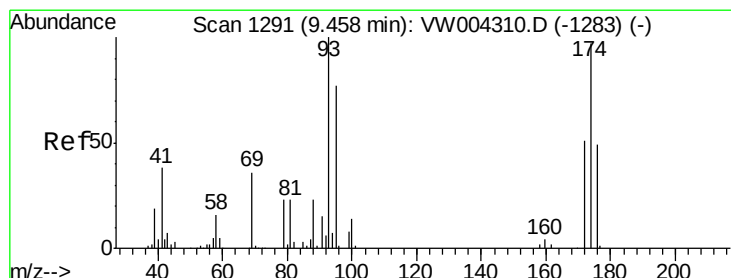
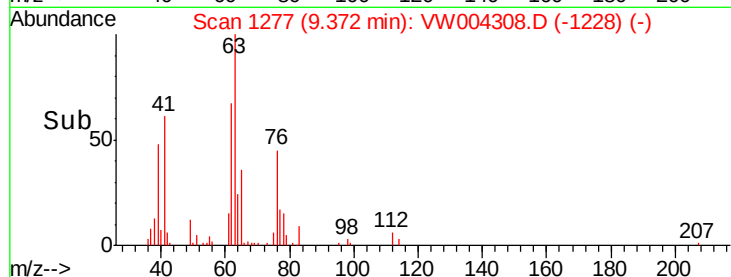
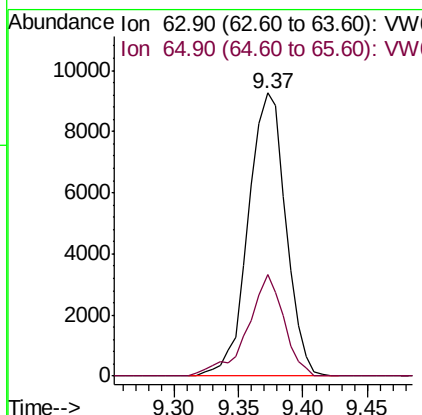
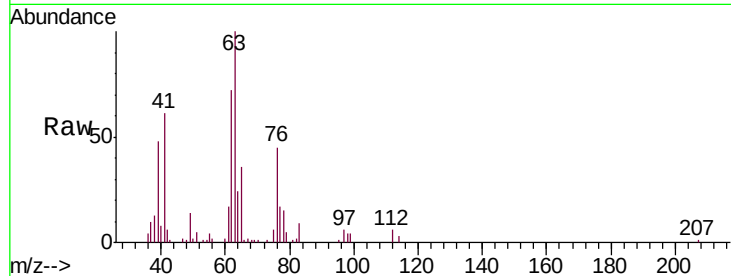
#45
 1,2-Dichloropropane
 Concen: 9.16 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW004308.D
 Acq: 29 Jul 2018 12:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	63	Resp	18640
Ion Ratio	Lower	Upper	
63	100		
65	35.7	23.9	35.9

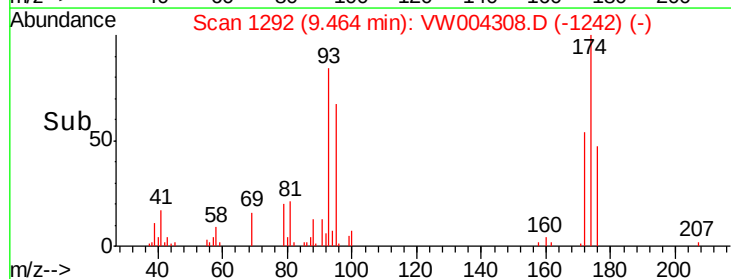
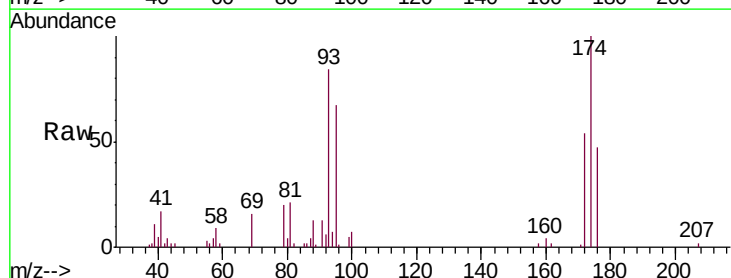
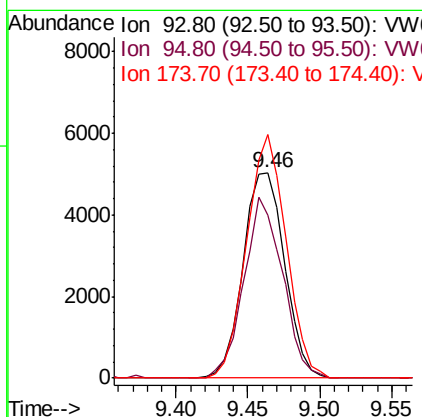
Manual Integrations
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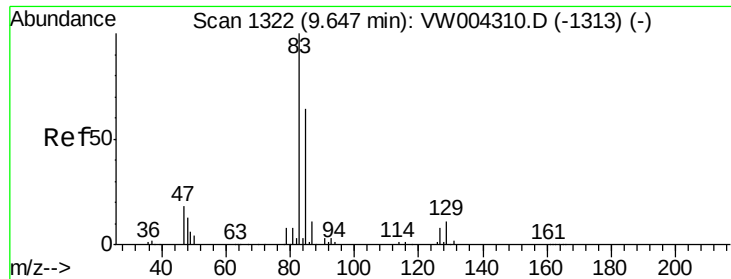
apatel
 7/30/2018 10:32:22 AM



#46
 Dibromomethane
 Concen: 9.71 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: VW004308.D
 Acq: 29 Jul 2018 12:12

Tgt Ion	93	Resp	10087
Ion Ratio	Lower	Upper	
93	100		
95	81.4	65.8	98.8
174	112.3	83.7	125.5





#47

Bromodichloromethane

Concen: 9.72 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Instrument :

MSVOA_W

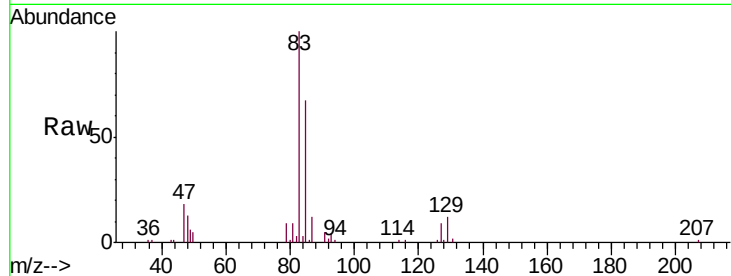
ClientSampled :

VSTDIC010

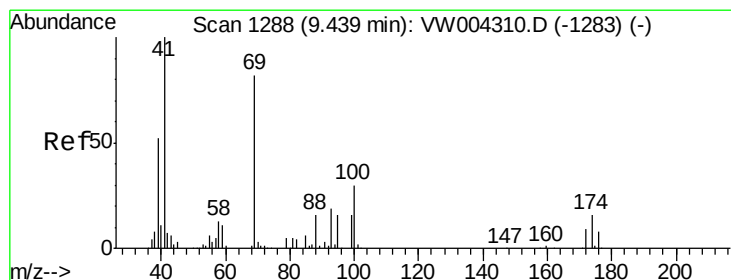
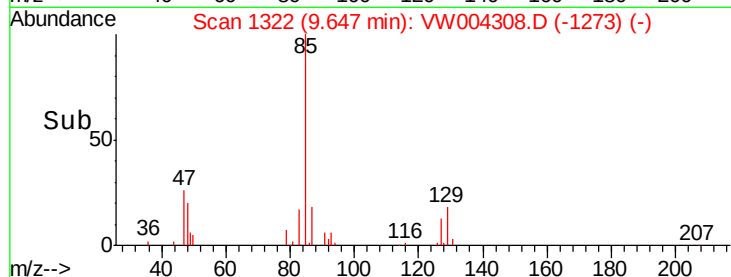
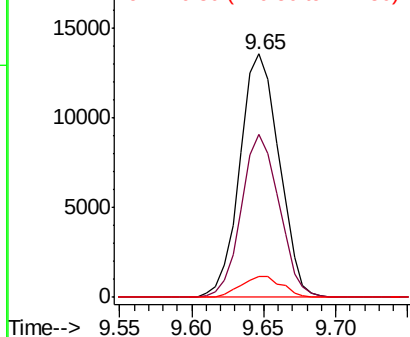
Tot Ion:	83	Resp:	25633
Ion	Ratio	Lower	Upper
83	100		
85	67.0	51.3	76.9
127	8.8	6.6	9.8

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Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 8.31 ug/l

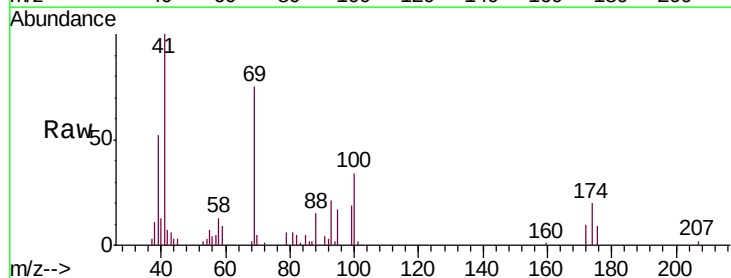
RT: 9.44 min Scan# 1288

Delta R.T. -0.00 min

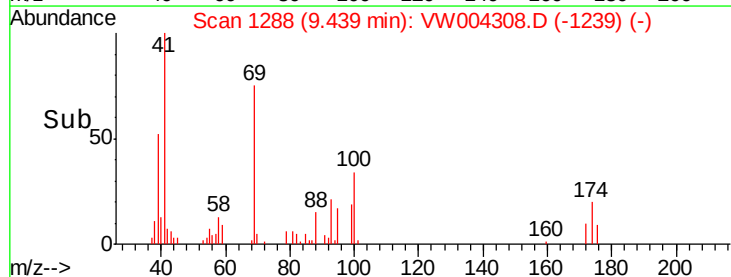
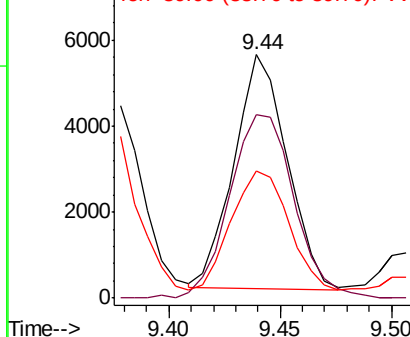
Lab File: VW004308.D

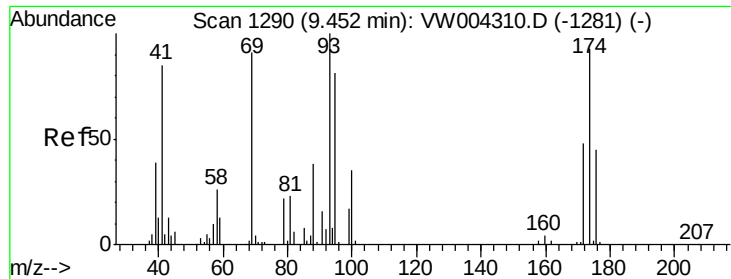
Acq: 29 Jul 2018 12:12

Tgt Ion:	41	Resp:	9118
Ion	Ratio	Lower	Upper
41	100		
69	94.1	69.7	104.5
39	63.4	41.8	62.8#



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





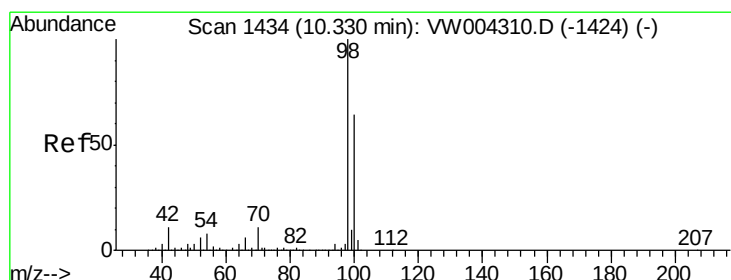
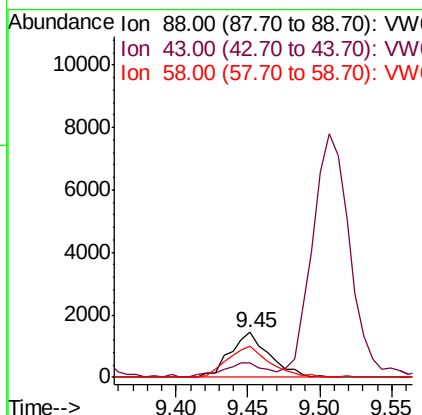
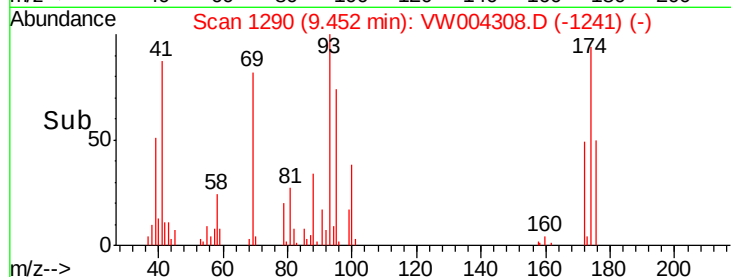
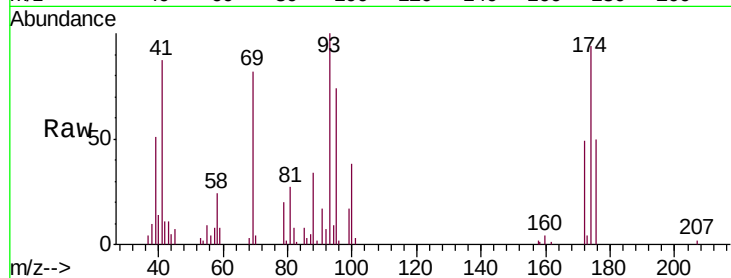
#49
1,4-Dioxane
Concen: 172.38 ug/l
RT: 9.45 min Scan# 1290
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.8	28.3	42.5
58	74.8	60.2	90.4

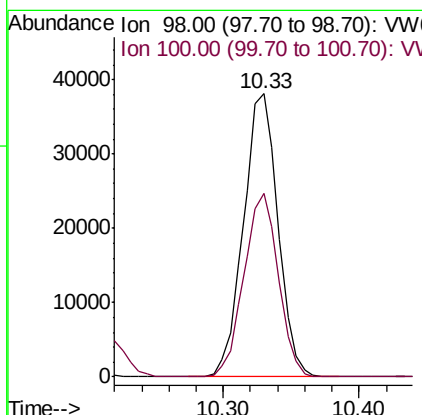
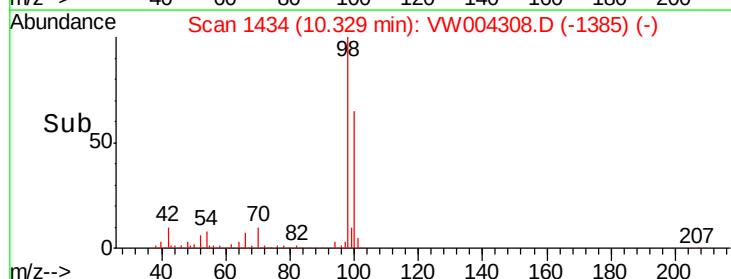
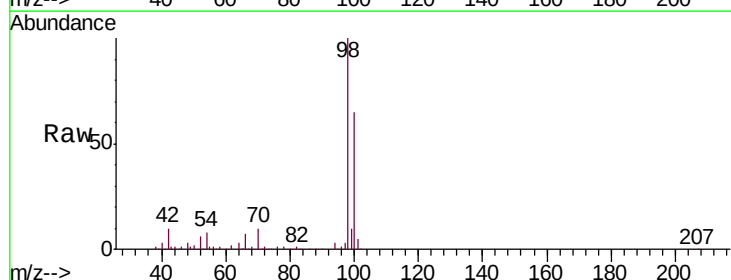
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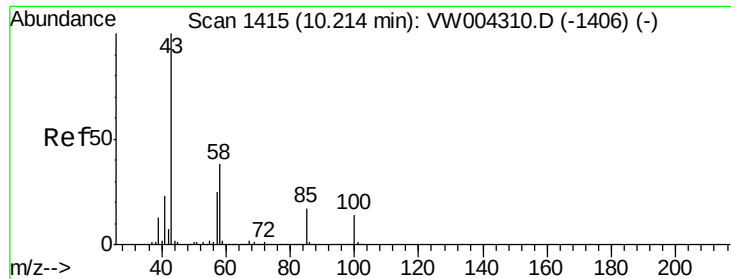
apatel
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#50
Toluene-d8
Concen: 9.32 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 42.46 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 43 Resp: 50180

Ion Ratio Lower Upper

43 100

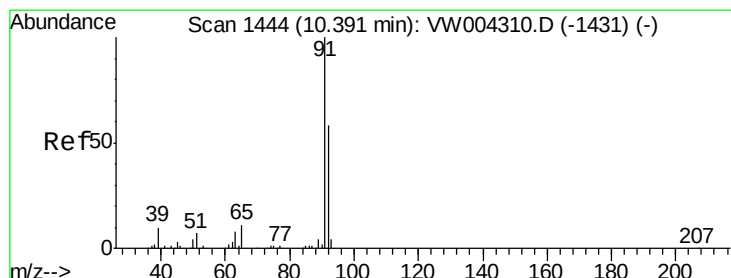
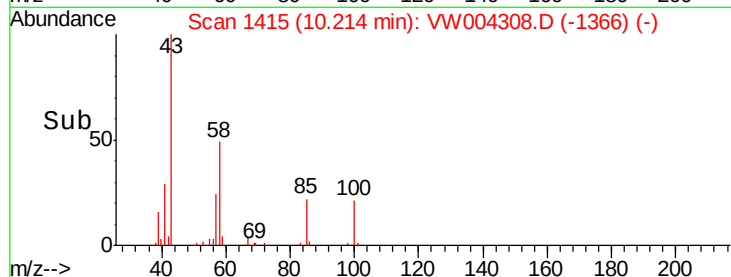
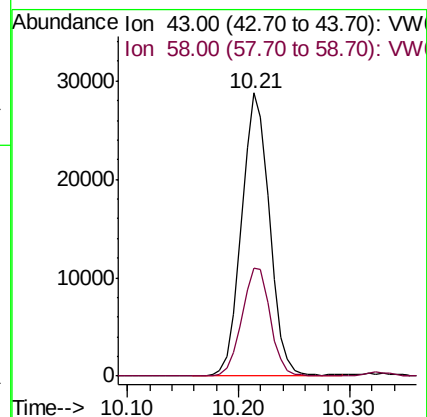
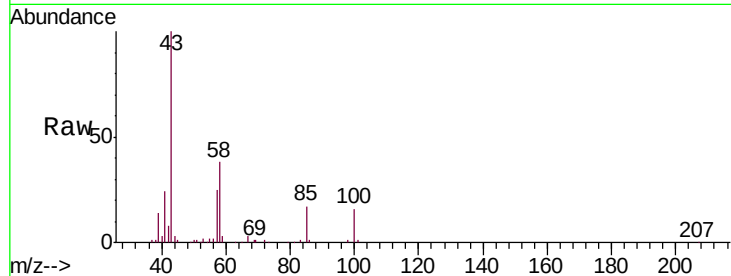
58 38.4 30.6 45.8

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#52

Toluene

Concen: 9.75 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004308.D

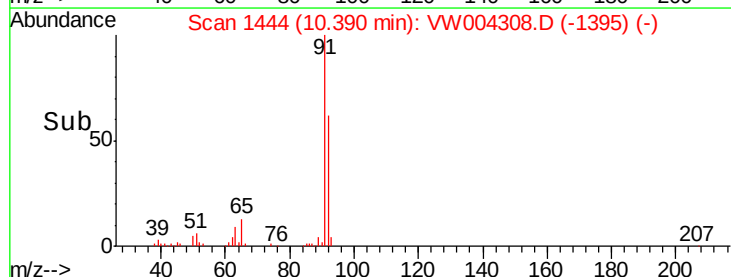
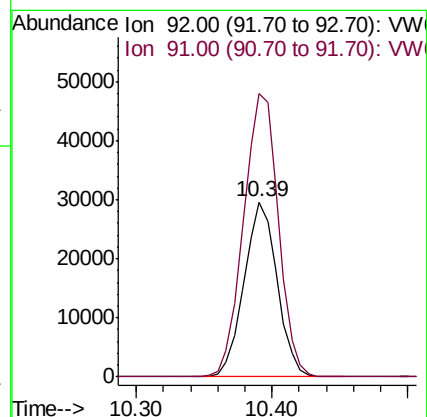
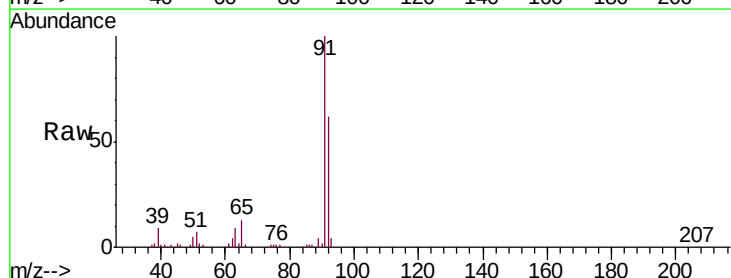
Acq: 29 Jul 2018 12:12

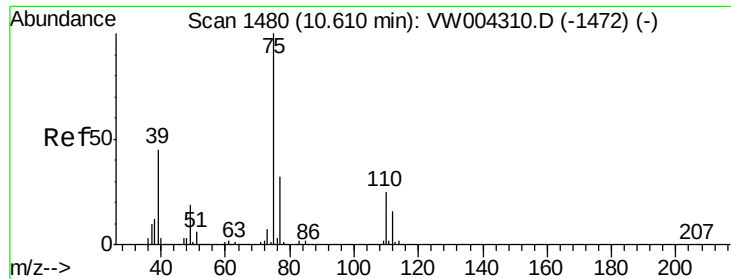
Tgt Ion: 92 Resp: 50233

Ion Ratio Lower Upper

92 100

91 171.1 139.0 208.4





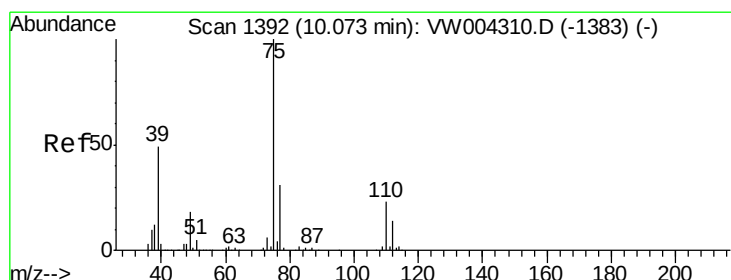
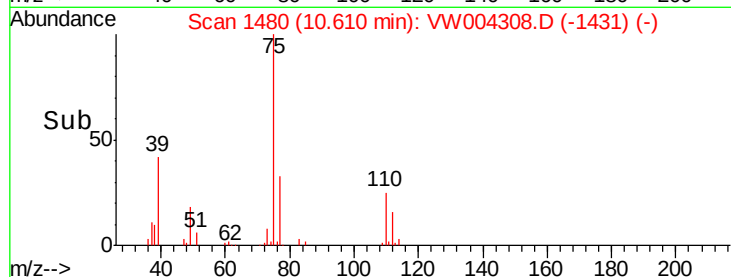
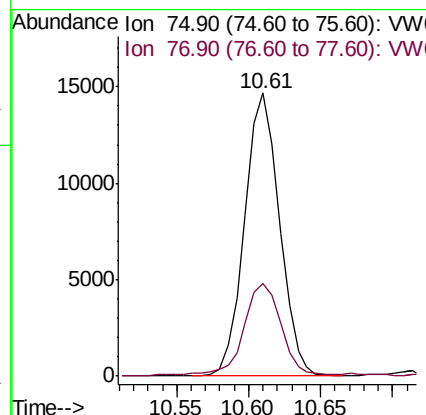
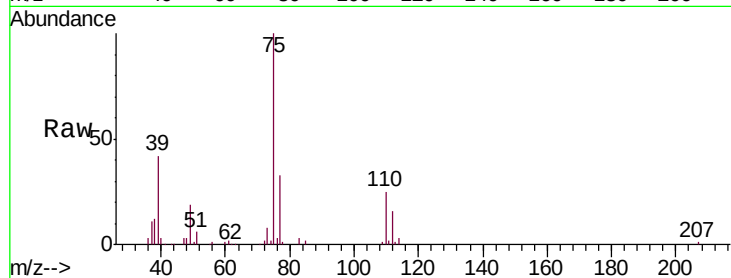
#53
t-1,3-Dichloropropene
Concen: 9.32 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion: 75 Resp: 24608
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.6

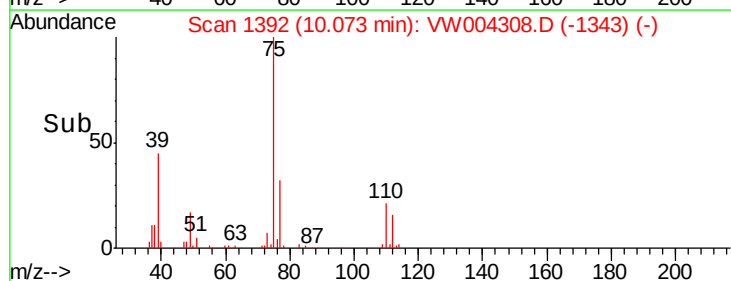
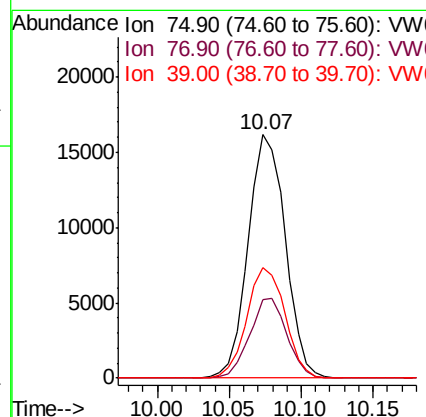
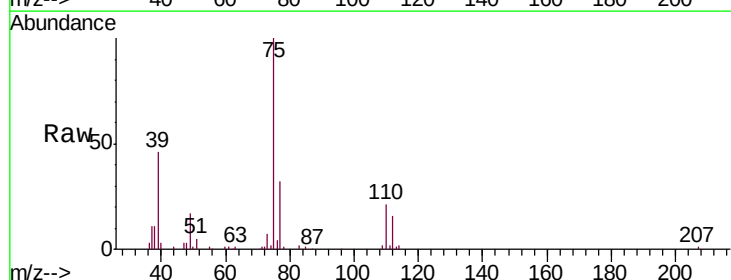
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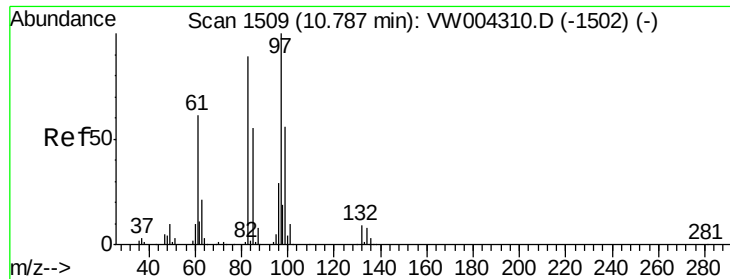
apatel
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#54
cis-1,3-Dichloropropene
Concen: 9.36 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Tgt Ion: 75 Resp: 28808
Ion Ratio Lower Upper
75 100
77 32.1 25.0 37.4
39 45.6 39.0 58.6





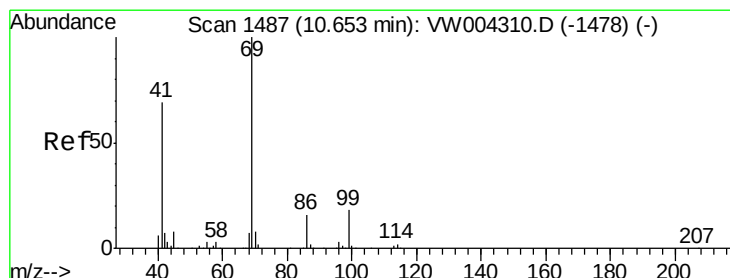
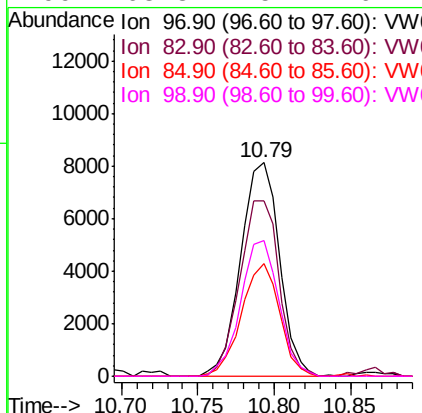
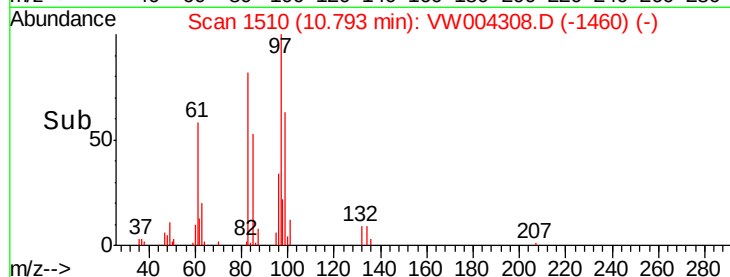
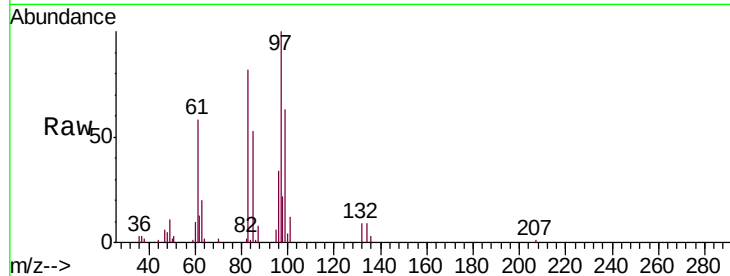
#55
 1,1,2-Trichloroethane
 Concen: 9.71 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: VW004308.D
 Acq: 29 Jul 2018 12:12

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tot Ion:	97	Resp:	14384
Ion	Ratio	Lower	Upper
97	100		
83	82.0	70.8	106.2
85	52.8	43.7	65.5
99	63.3	45.1	67.7

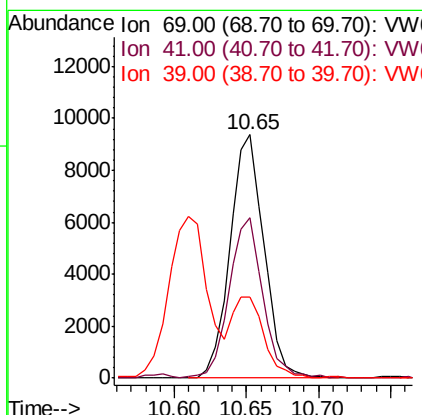
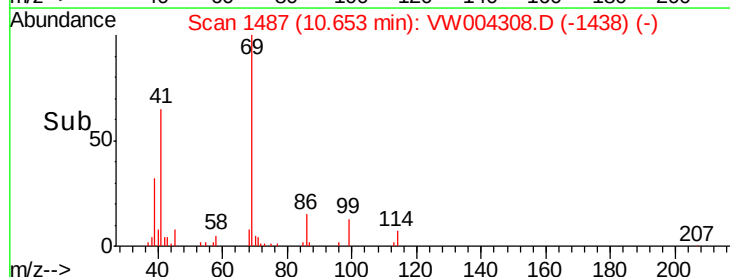
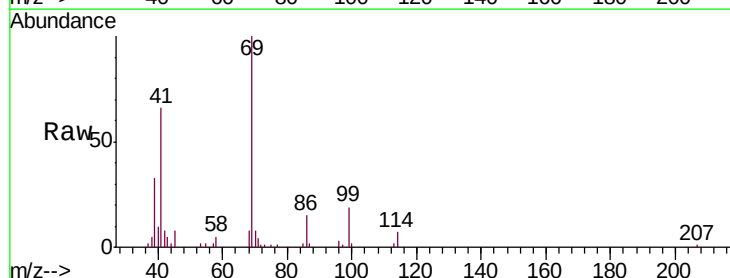
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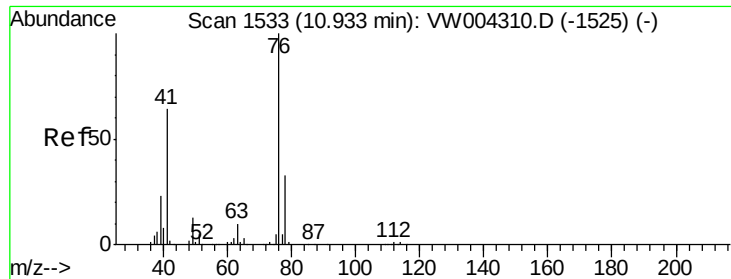
apatel
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#56
 Ethyl methacrylate
 Concen: 8.59 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW004308.D
 Acq: 29 Jul 2018 12:12

Tgt Ion:	69	Resp:	15387
Ion	Ratio	Lower	Upper
69	100		
41	65.9	54.7	82.1
39	31.8	24.4	36.6





#57

1,3-Dichloropropane

Concen: 9.27 ug/l

RT: 10.93 min Scan# 1533

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 76 Resp: 23398

Ion Ratio Lower Upper

76 100

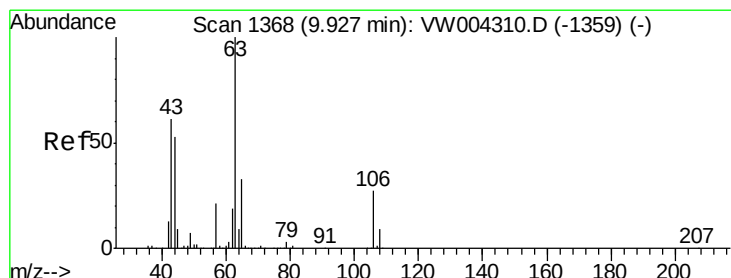
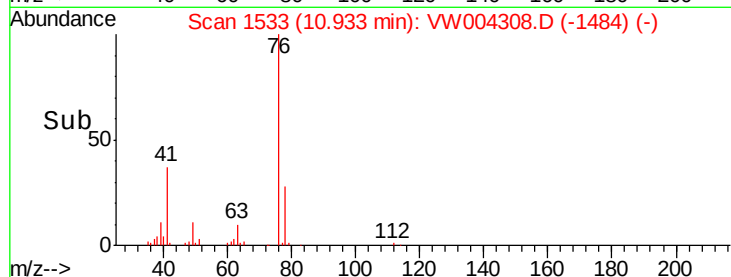
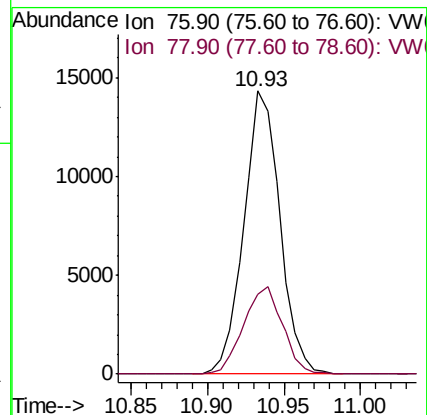
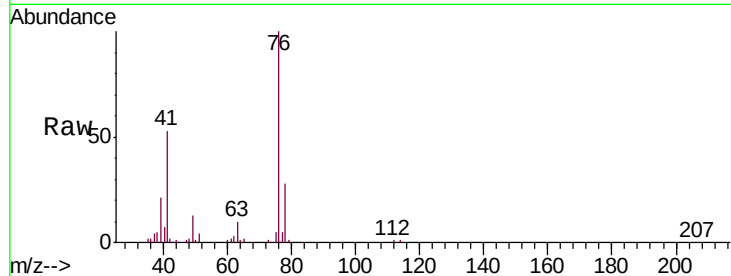
78 33.4 25.6 38.4

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#58

2-Chloroethyl Vinyl ether

Concen: 44.12 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VW004308.D

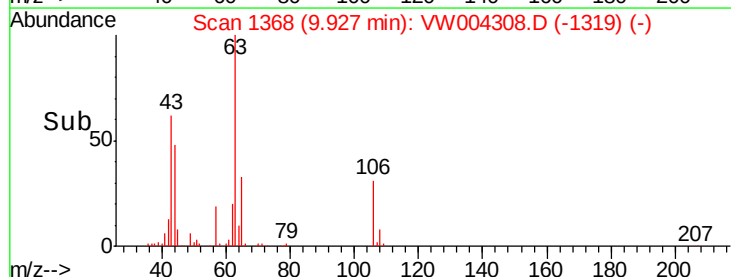
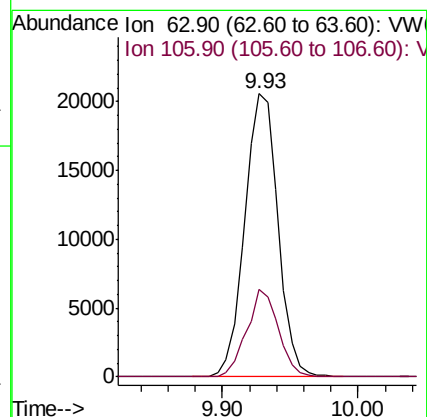
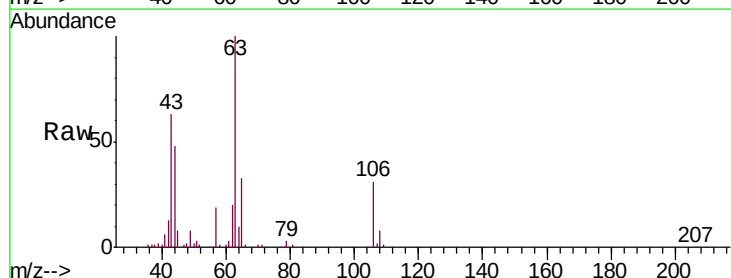
Acq: 29 Jul 2018 12:12

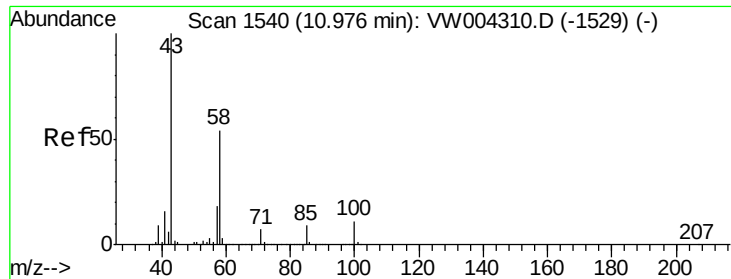
Tgt Ion: 63 Resp: 35120

Ion Ratio Lower Upper

63 100

106 29.3 21.9 32.9





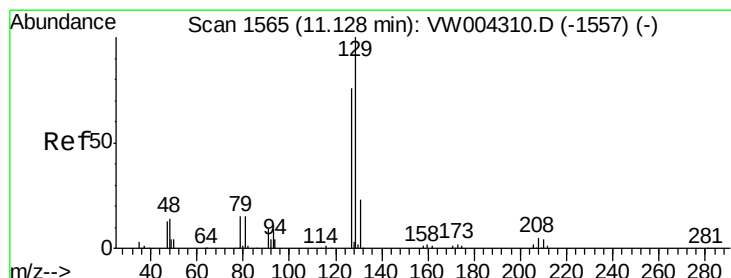
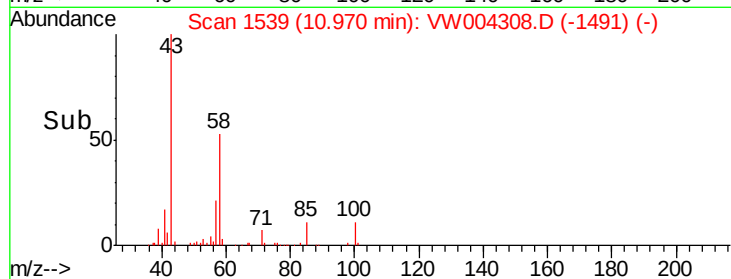
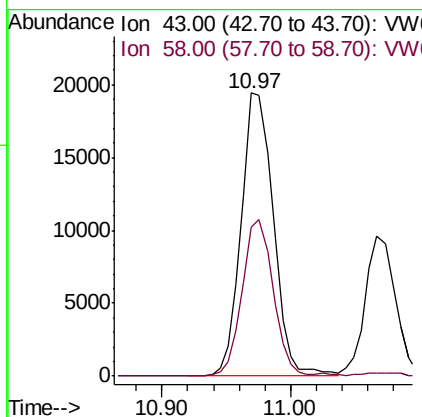
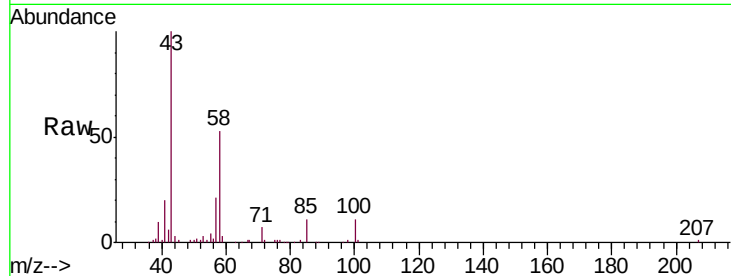
#59
2-Hexanone
Concen: 41.61 ug/l
RT: 10.97 min Scan# 1539
Delta R.T. -0.01 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	43	Resp	33767
Ion Ratio	100	Lower	Upper
43	100		
58	53.0	26.5	79.4

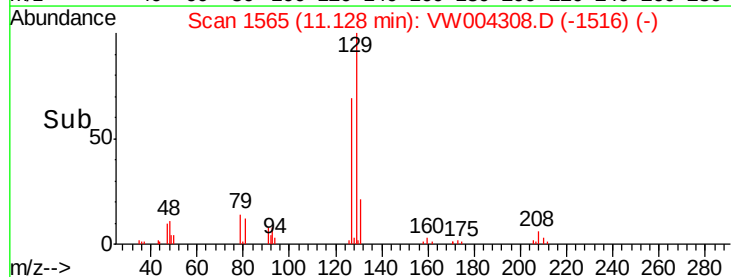
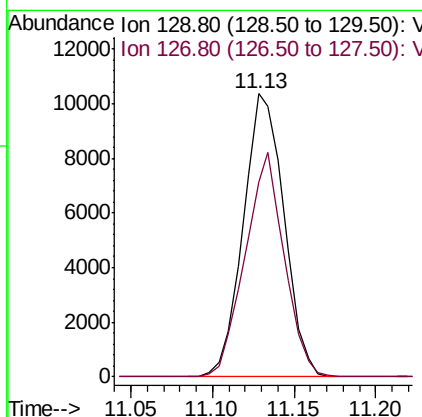
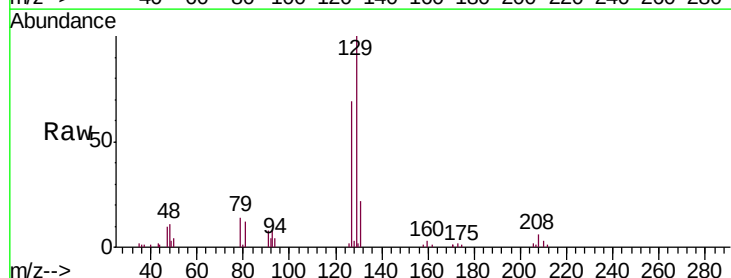
Manual Integrations
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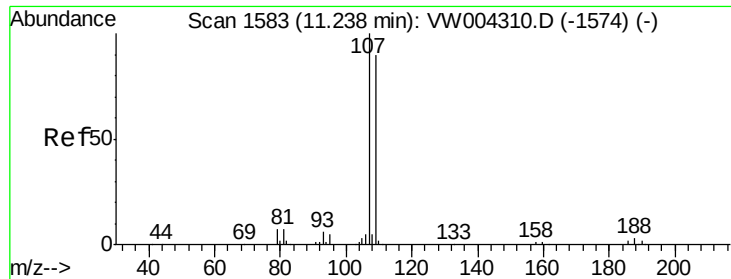
apatel
7/30/2018 10:32:22 AM



#60
Dibromochloromethane
Concen: 10.14 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Tgt Ion	129	Resp	17964	
Ion Ratio	129	100	Lower	Upper
129	100			
127	76.1	38.9	116.7	





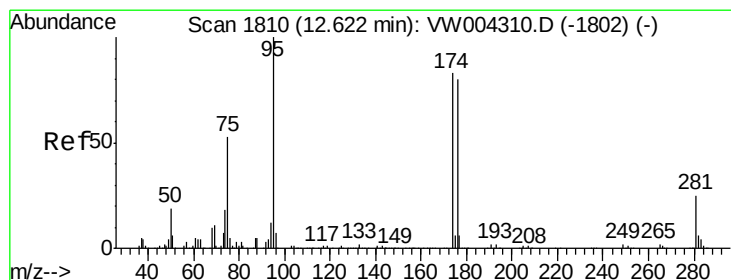
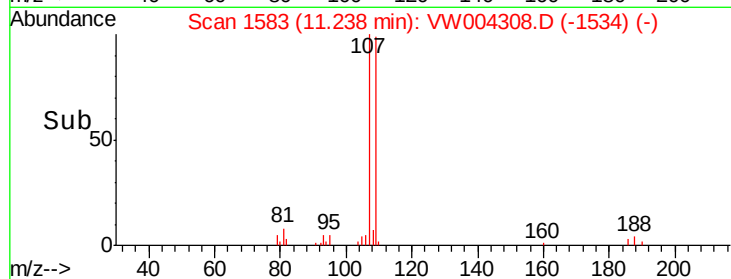
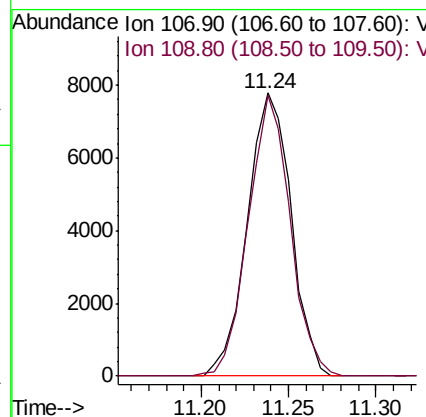
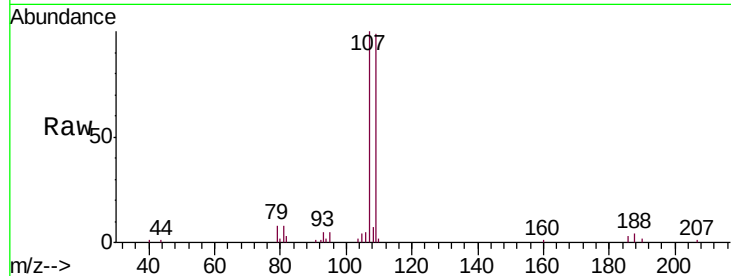
#61
 1,2-Dibromoethane
 Concen: 9.63 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW004308.D
 Acq: 29 Jul 2018 12:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.1	74.6	112.0

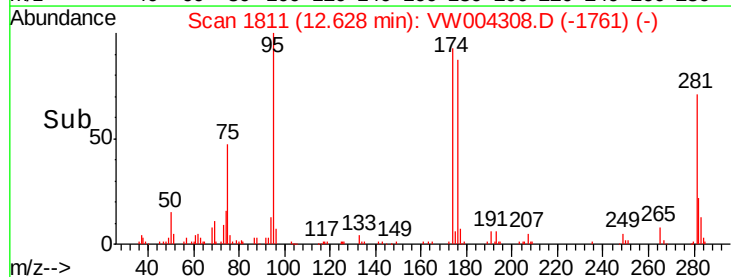
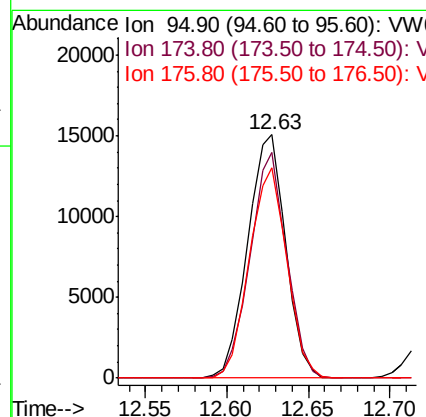
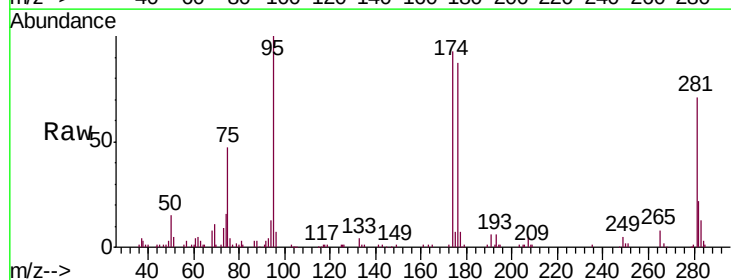
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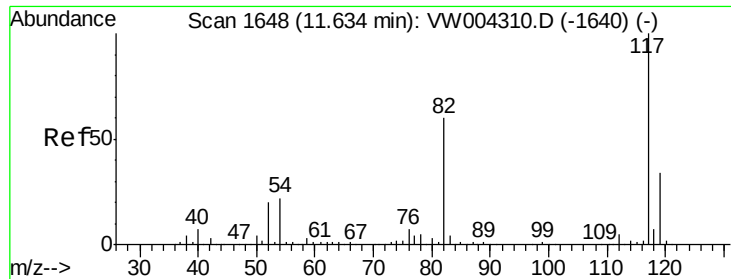
apatel
 7/30/2018 10:32:22 AM



#62
 4-Bromofluorobenzene
 Concen: 9.50 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.01 min
 Lab File: VW004308.D
 Acq: 29 Jul 2018 12:12

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.1	0.0	167.8
176	85.7	0.0	162.4





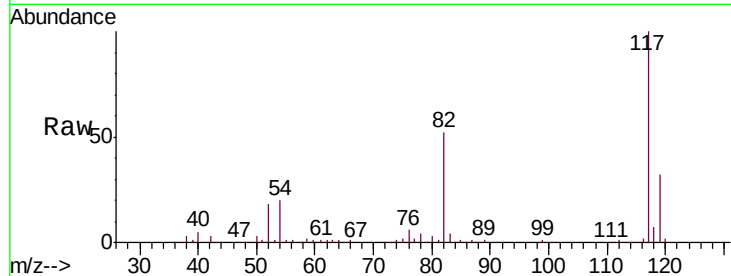
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.7	47.9	71.9
119	31.9	27.1	40.7

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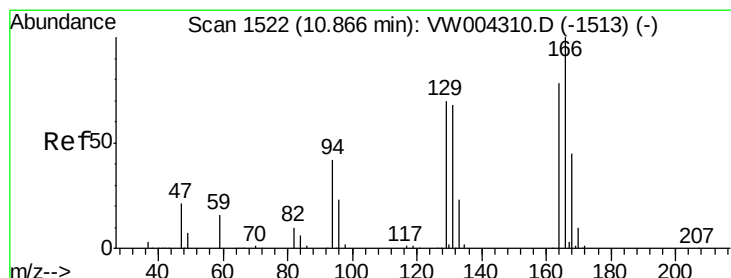
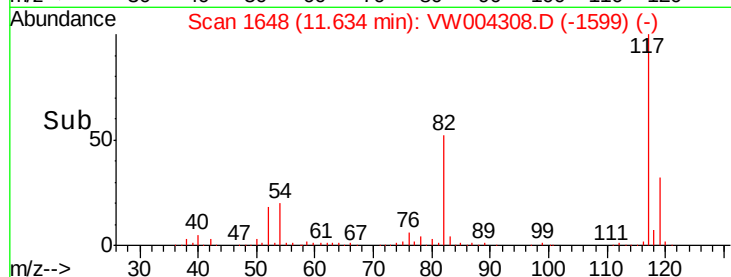
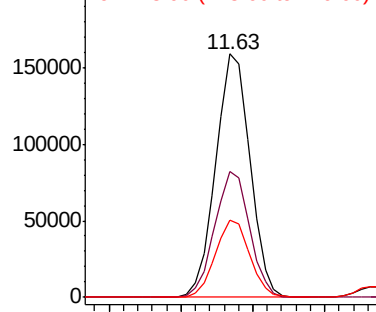


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 10.32 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.2	103.2	154.8
129	92.0	72.1	108.1
131	88.4	70.4	105.6

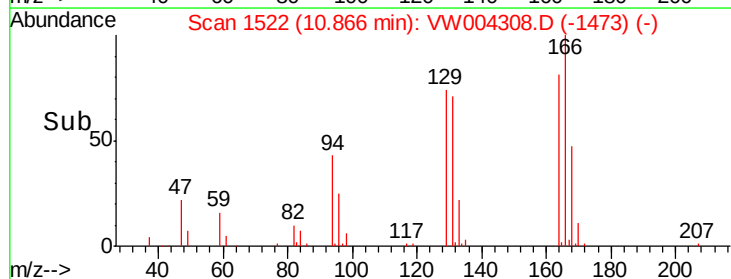
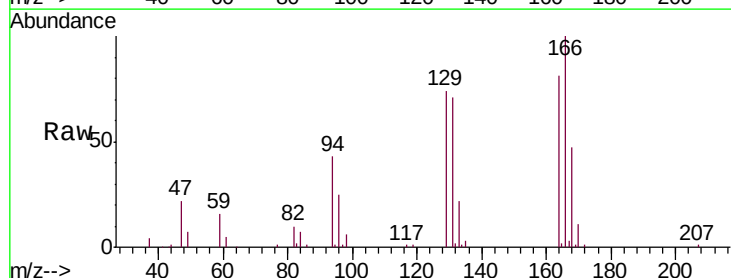
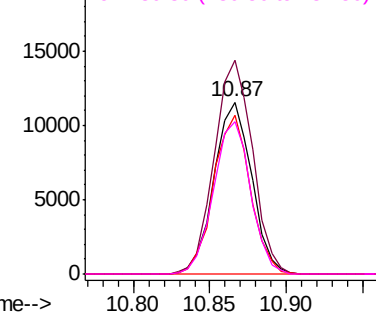
Abundance

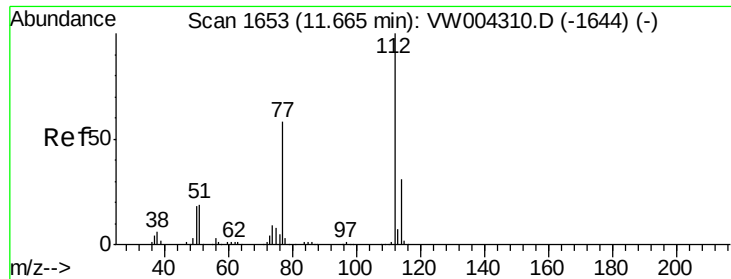
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





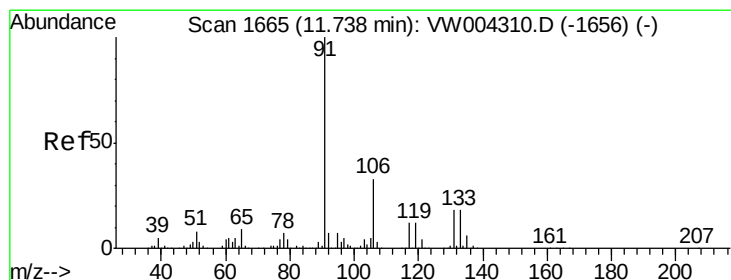
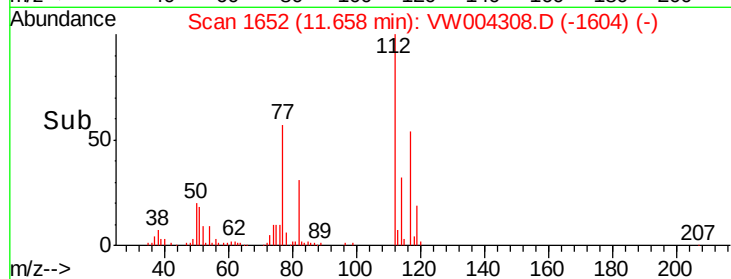
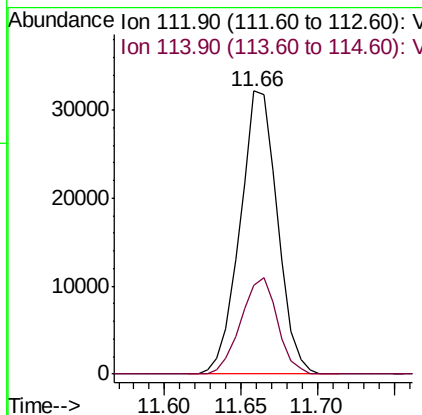
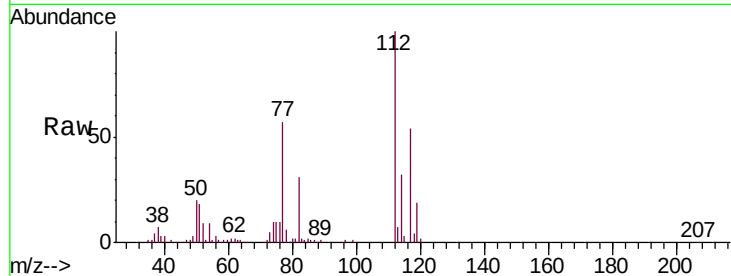
#65
Chlorobenzene
Concen: 9.91 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. -0.01 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion:112 Resp: 54500
Ion Ratio Lower Upper
112 100
114 31.6 24.7 37.1

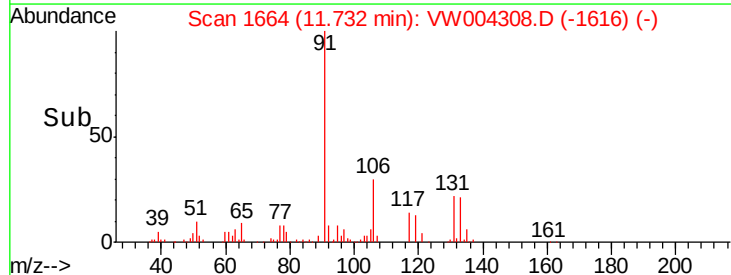
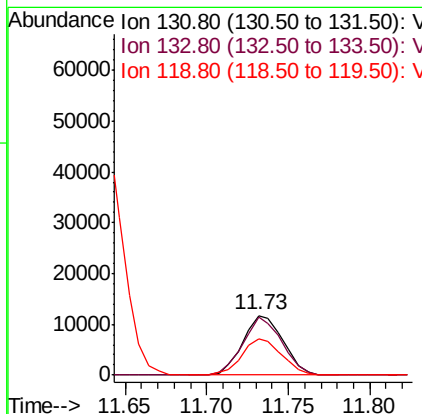
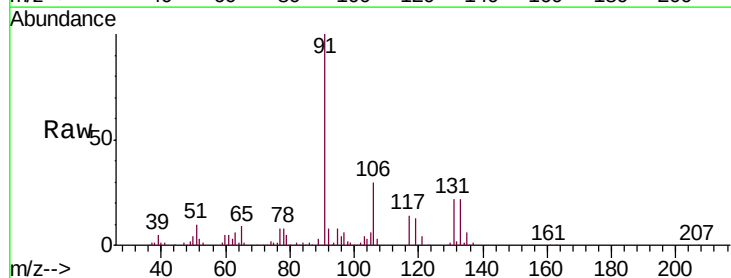
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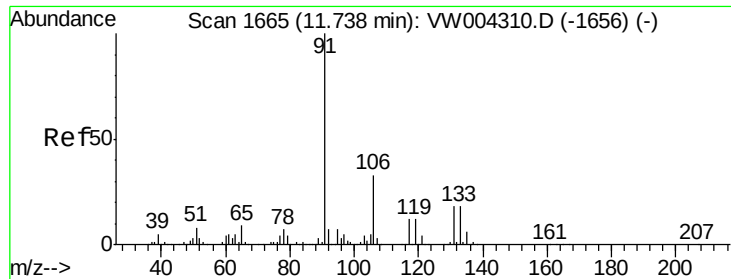
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 10.36 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Tgt Ion:131 Resp: 20094
Ion Ratio Lower Upper
131 100
133 95.0 48.6 145.9
119 61.4 33.1 99.5





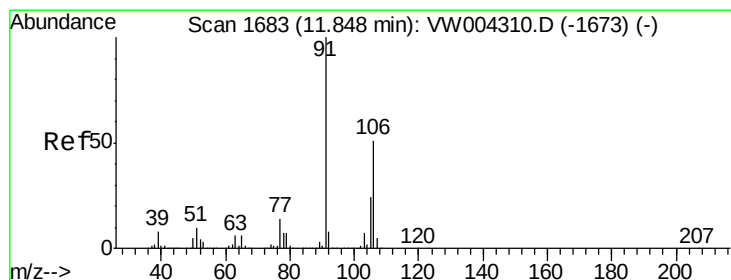
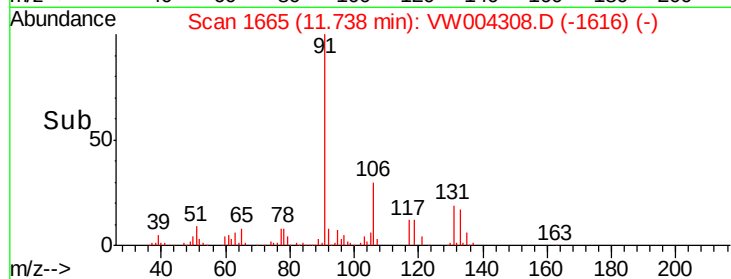
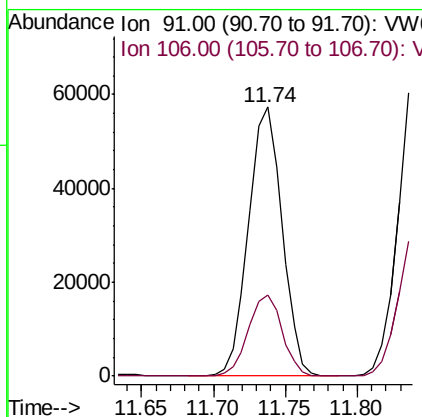
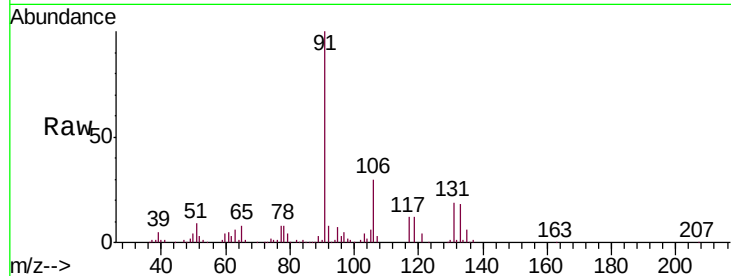
#67
Ethyl Benzene
Concen: 9.68 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion: 91 Resp: 92844
Ion Ratio Lower Upper
91 100
106 30.3 26.1 39.1

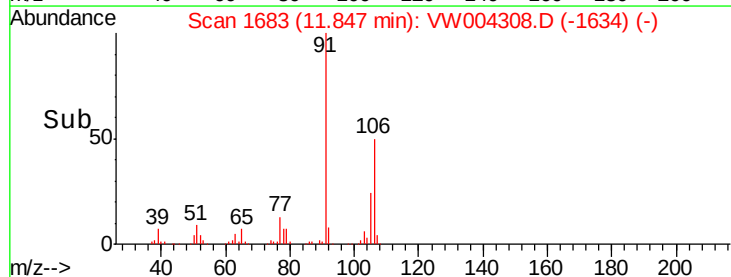
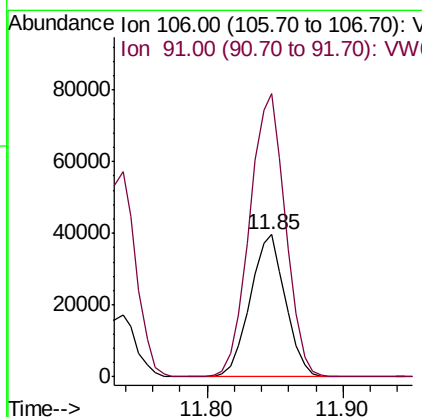
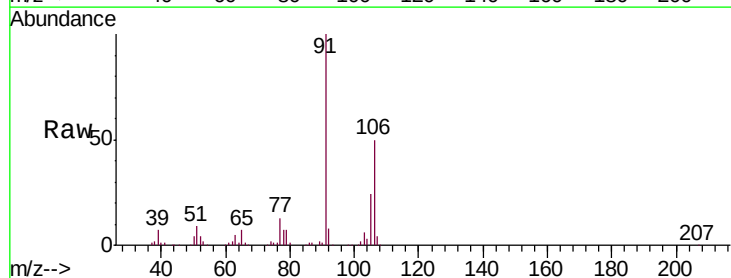
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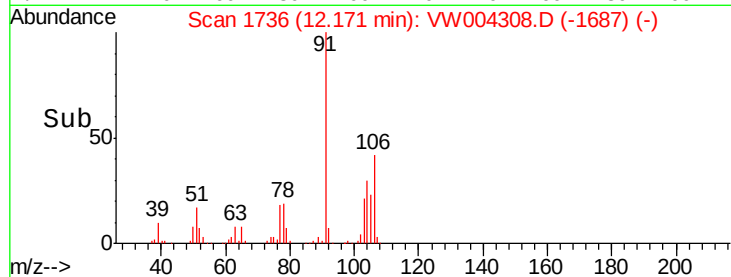
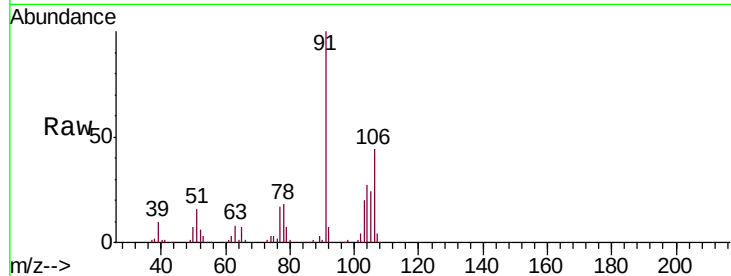
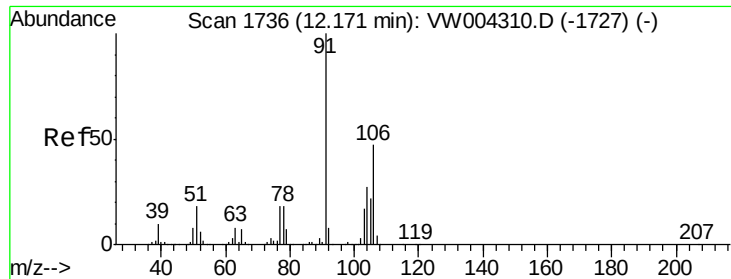
apatel
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#68
m/p-Xylenes
Concen: 19.56 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Tgt Ion: 106 Resp: 72162
Ion Ratio Lower Upper
106 100
91 202.5 162.2 243.2





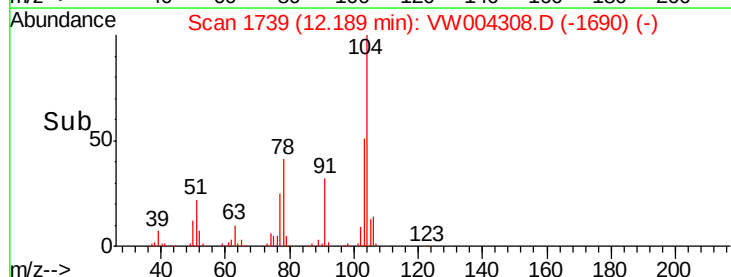
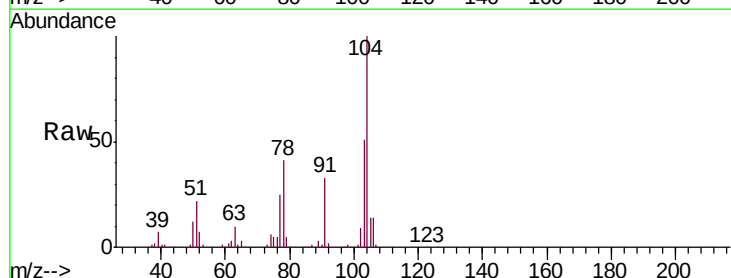
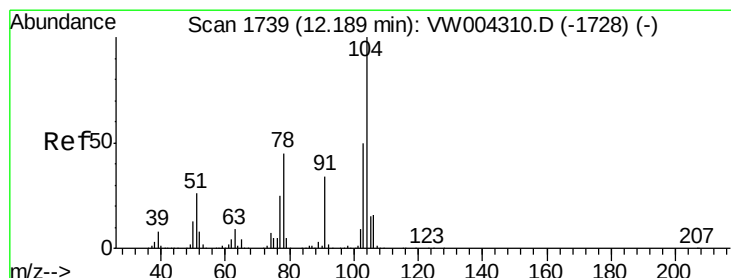
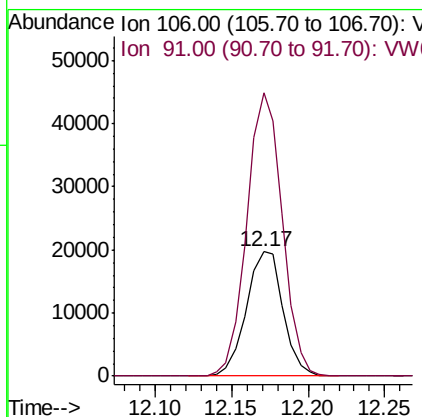
#69
o-Xylene
Concen: 9.62 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Tot Ion:106 Resp: 32783
Ion Ratio Lower Upper
106 100
91 220.5 108.7 326.1

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

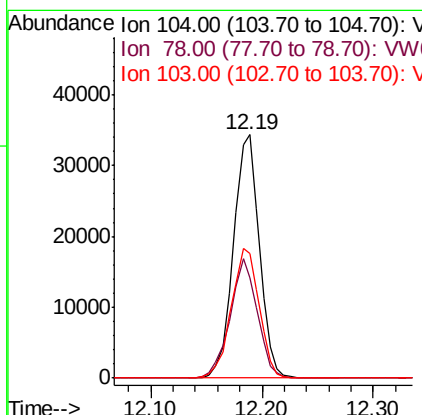
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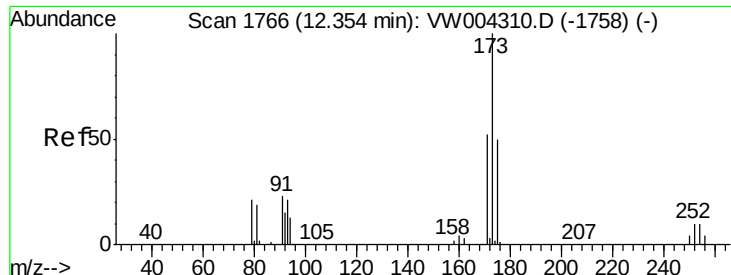
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#70
Styrene
Concen: 9.61 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Tgt Ion:104 Resp: 55332
Ion Ratio Lower Upper
104 100
78 51.4 40.9 61.3
103 57.4 45.0 67.6





#71

Bromoform

Concen: 9.85 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Instrument :

MSVOA_W

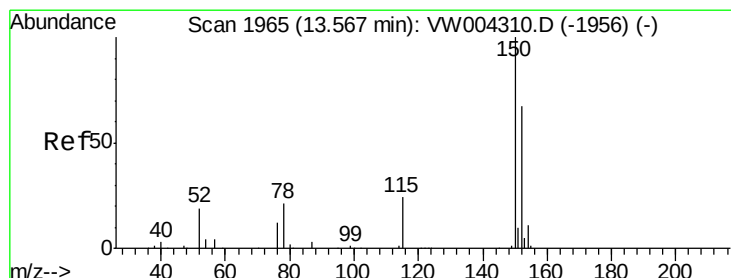
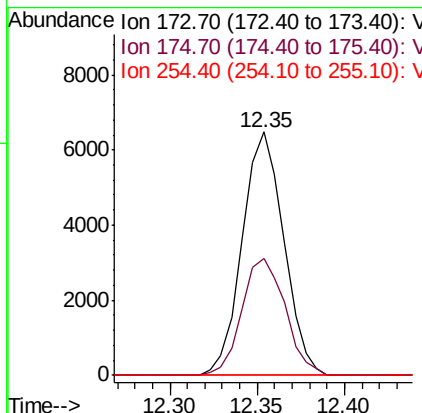
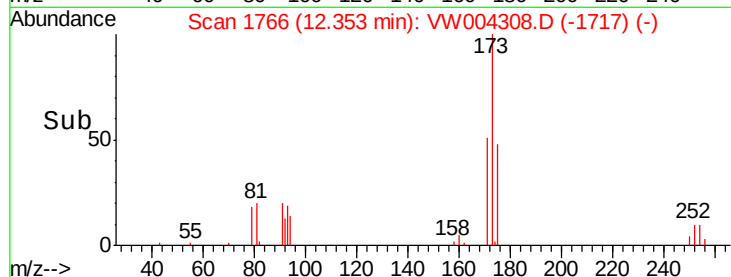
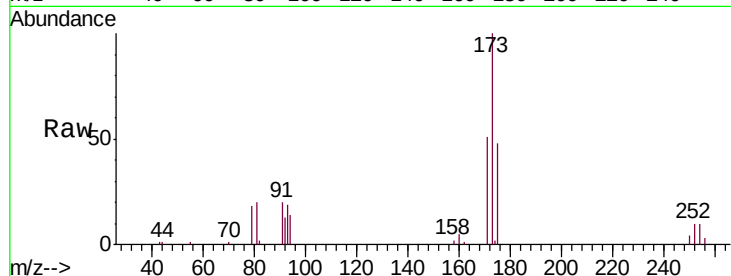
ClientSampleId :

VSTDIC010

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.9	24.5	73.5
254	0.0	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

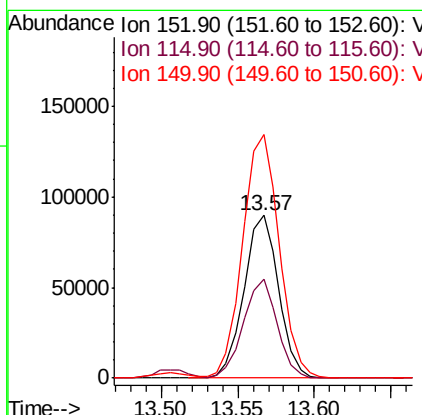
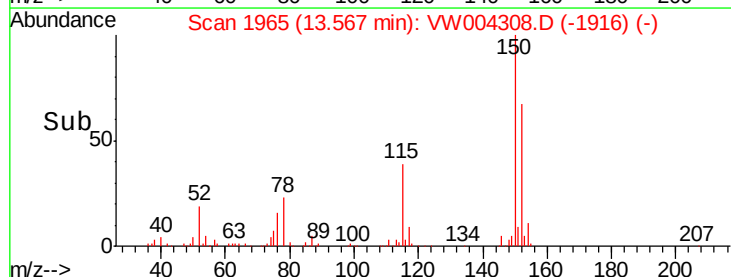
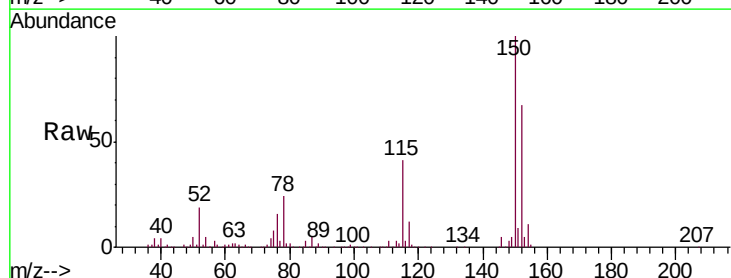
RT: 13.57 min Scan# 1965

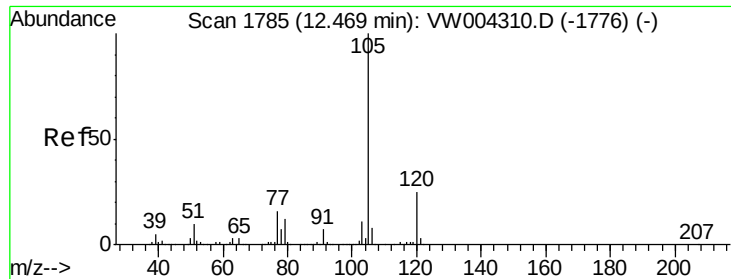
Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.3	28.8	86.4
150	157.9	0.0	346.4





#73

Isopropylbenzene

Concen: 9.50 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:105 Resp: 93153

Ion Ratio Lower Upper

105 100

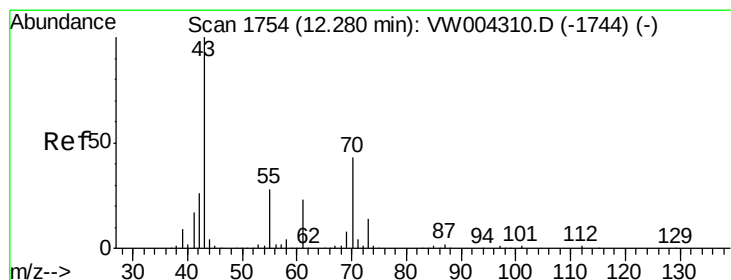
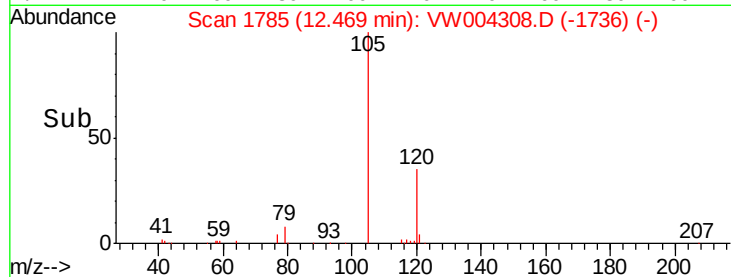
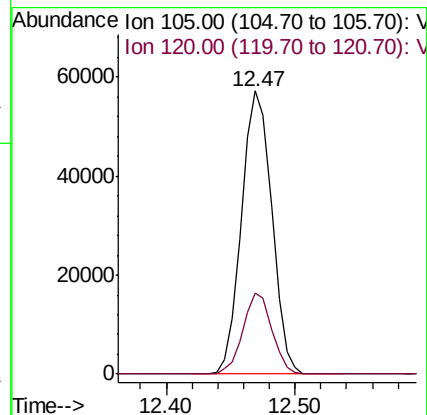
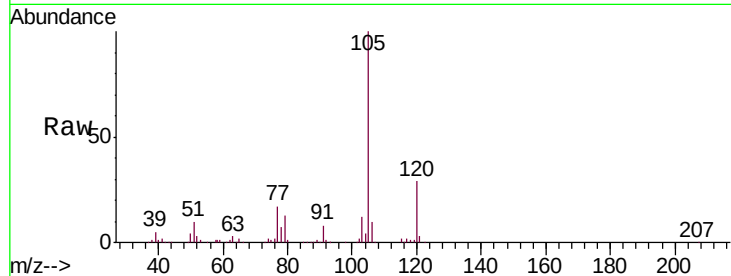
120 27.4 13.2 39.6

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#74

N-ethyl acetate

Concen: 8.00 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Tgt Ion: 43 Resp: 16987

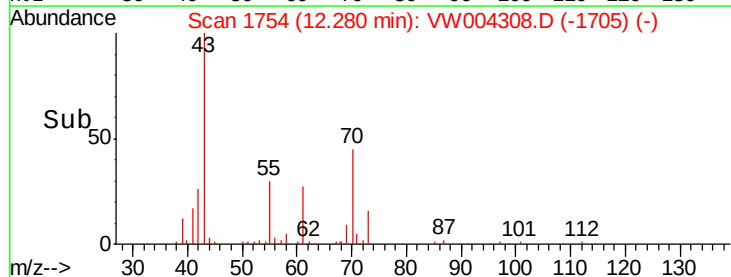
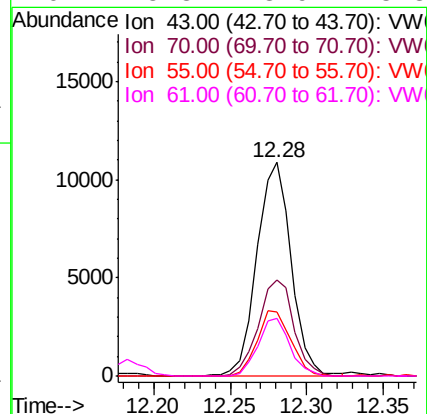
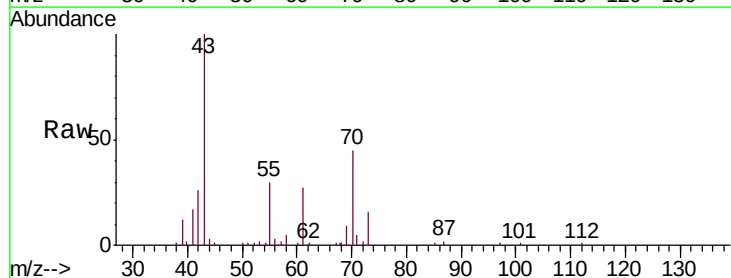
Ion Ratio Lower Upper

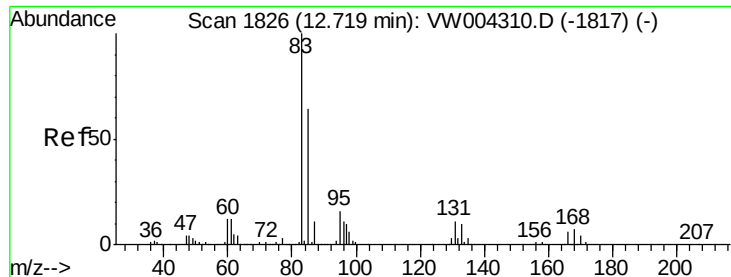
43 100

70 46.4 34.2 51.4

55 30.1 21.8 32.8

61 25.3 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 9.34 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Instrument :

MSVOA_W

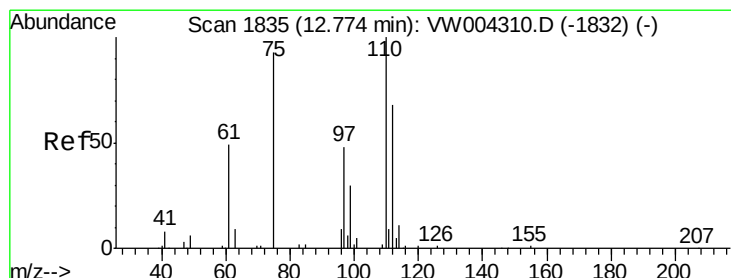
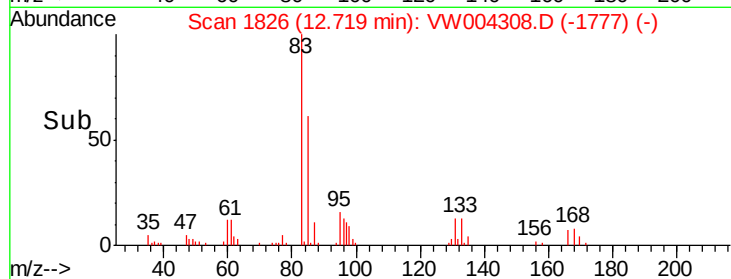
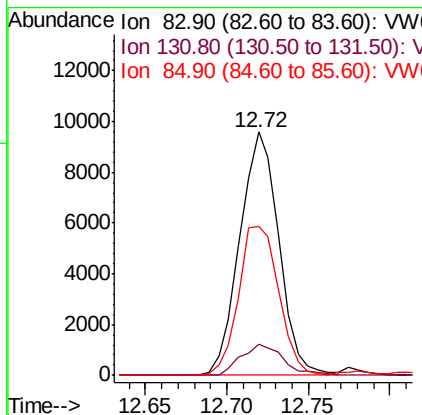
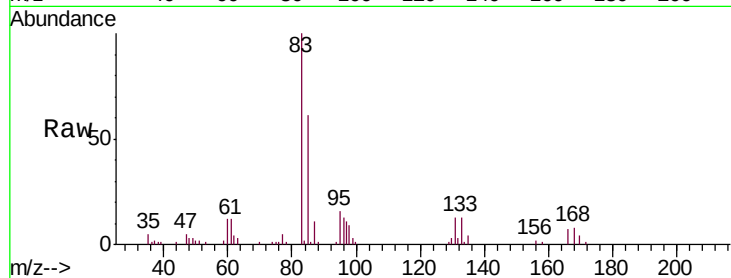
ClientSampled :

VSTDIC010

Tot Ion:	83	Resp:	16043
Ion Ratio	Lower	Upper	
83	100		
131	13.8	5.5	16.4
85	62.9	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 6.08 ug/l m

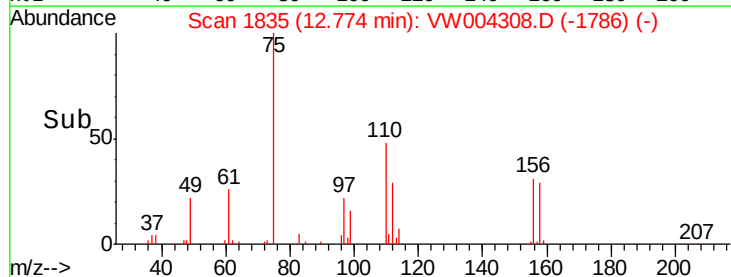
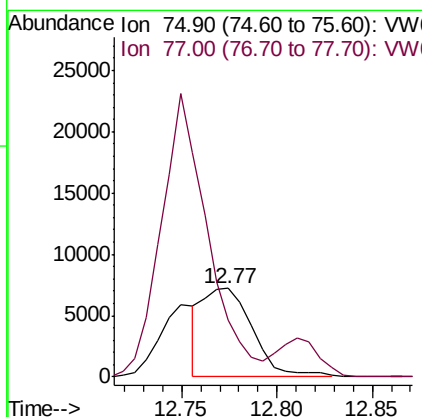
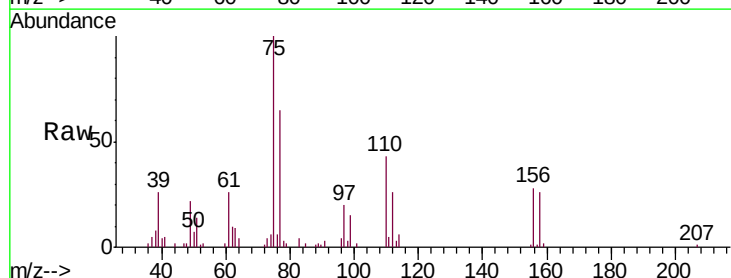
RT: 12.77 min Scan# 1835

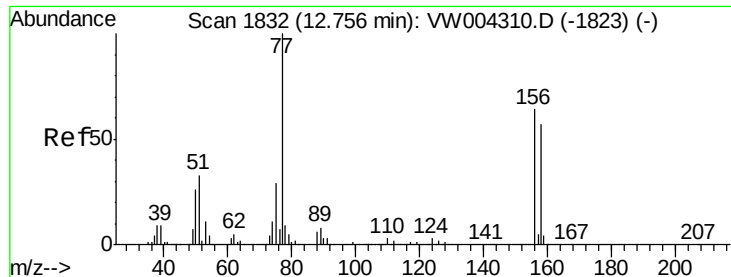
Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Tgt Ion:	75	Resp:	13093
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





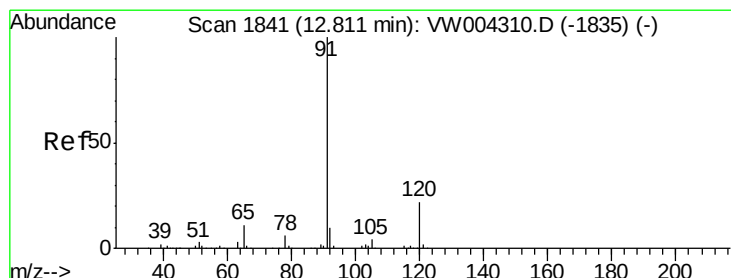
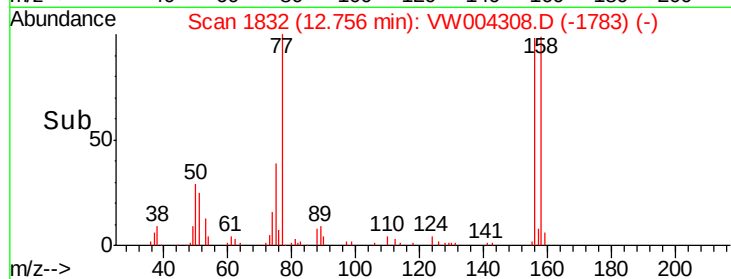
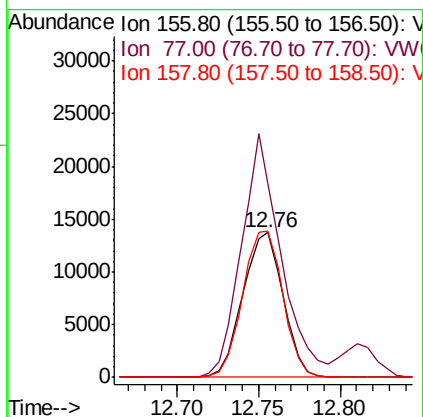
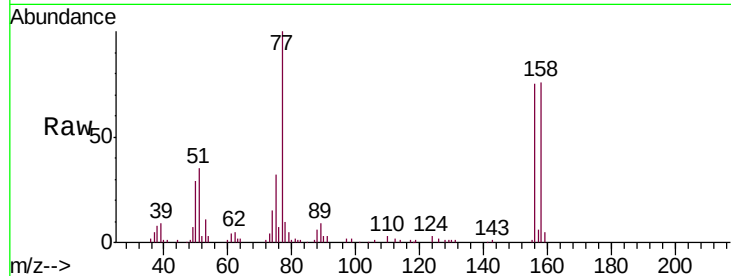
#77
Bromobenzene
Concen: 9.94 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
156	100		
77	166.2	92.9	278.7
158	100.6	47.6	142.8

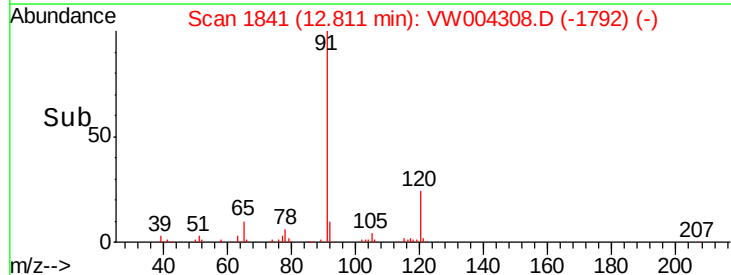
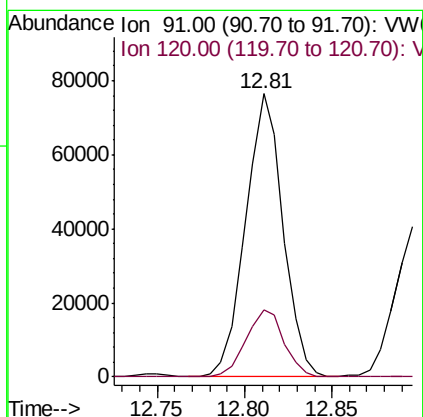
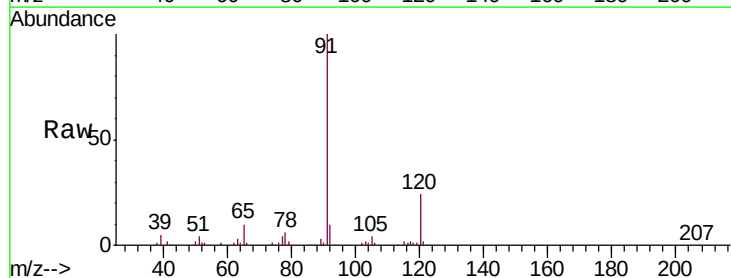
Manual Integrations
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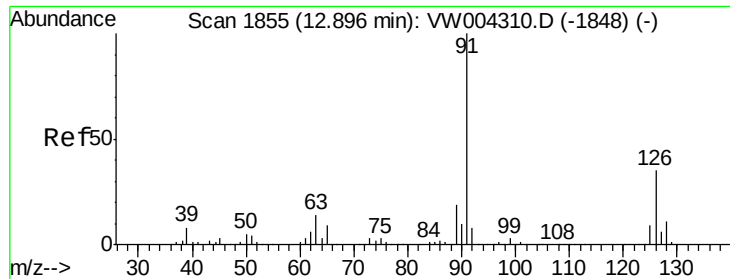
apatel
7/30/2018 10:32:22 AM



#78
n-propylbenzene
Concen: 9.47 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.1	11.3	33.8





#79

2-Chlorotoluene

Concen: 9.60 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 91 Resp: 65552

Ion Ratio Lower Upper

91 100

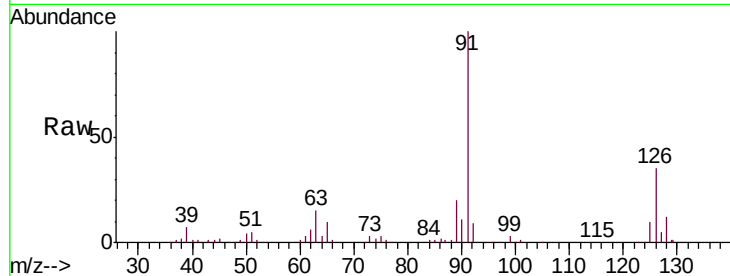
126 34.9 17.1 51.2

Manual Integrations

APPROVED

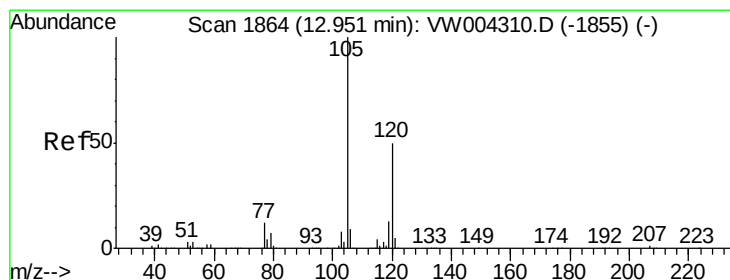
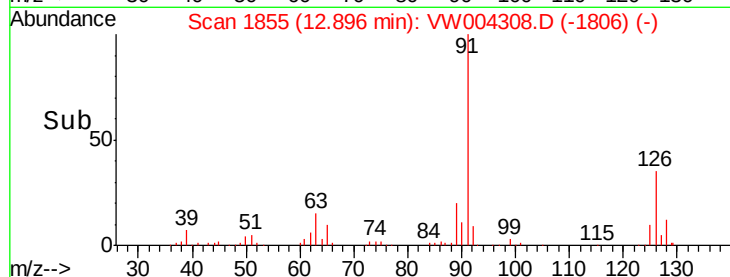
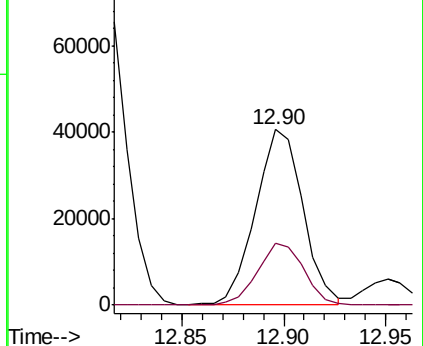
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 9.82 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW004308.D

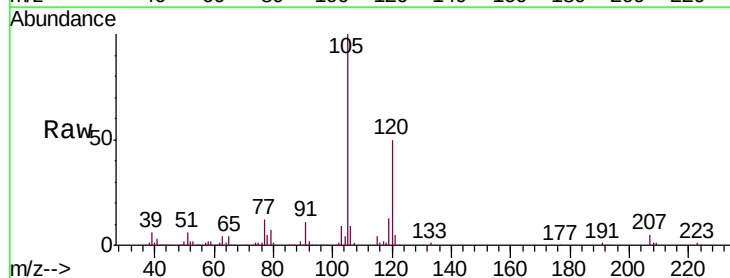
Acq: 29 Jul 2018 12:12

Tgt Ion:105 Resp: 82921

Ion Ratio Lower Upper

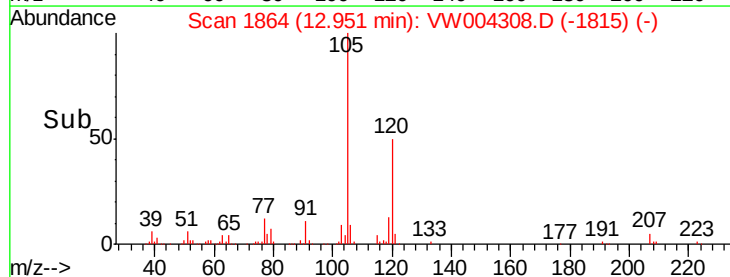
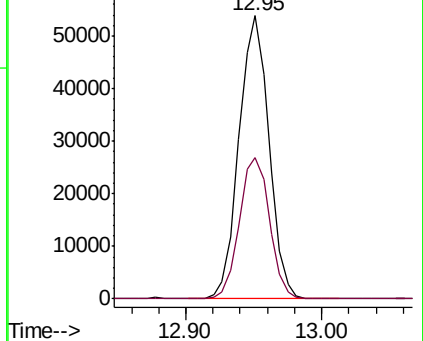
105 100

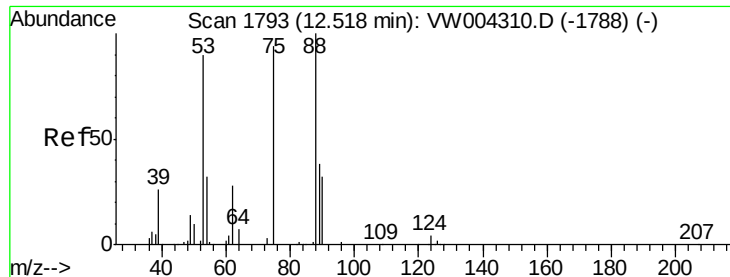
120 50.3 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





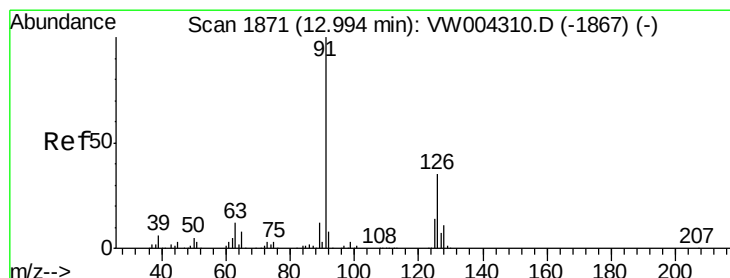
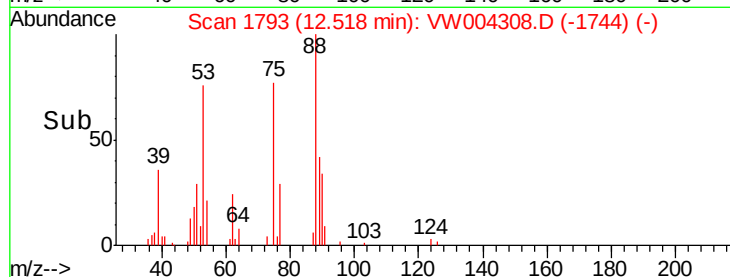
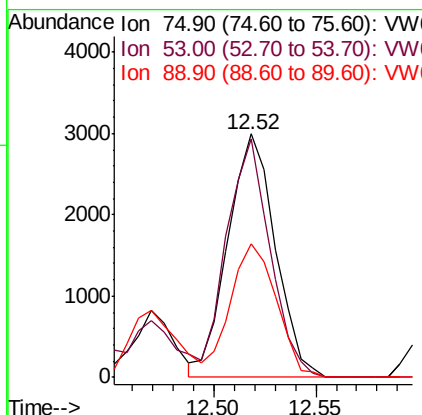
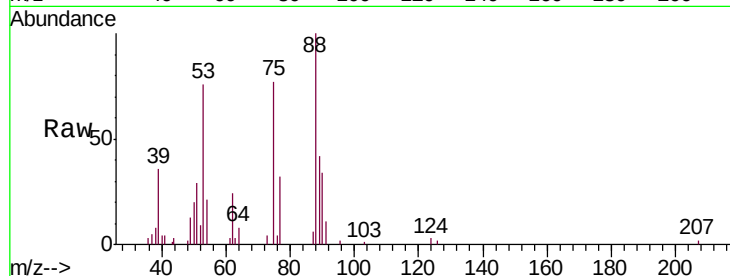
#81
trans-1,4-Dichloro-2-butene
Concen: 8.70 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.0	77.6	116.4
89	53.3	36.0	54.0

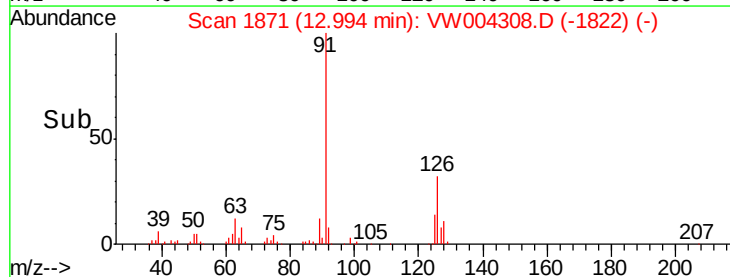
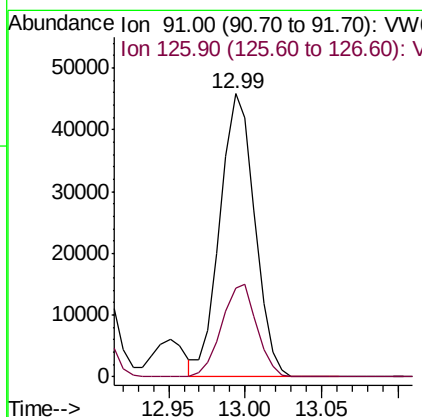
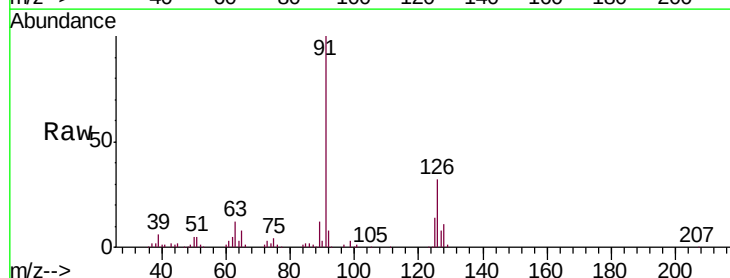
Manual Integrations
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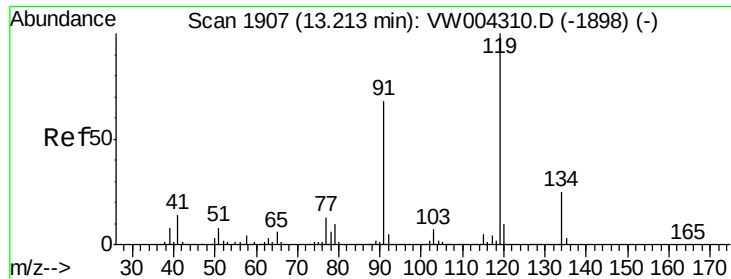
apatel
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#82
4-Chlorotoluene
Concen: 10.03 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	17.4	52.3





#83

tert-Butylbenzene

Concen: 10.07 ug/l

RT: 13.21 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Instrument :

MSVOA_W

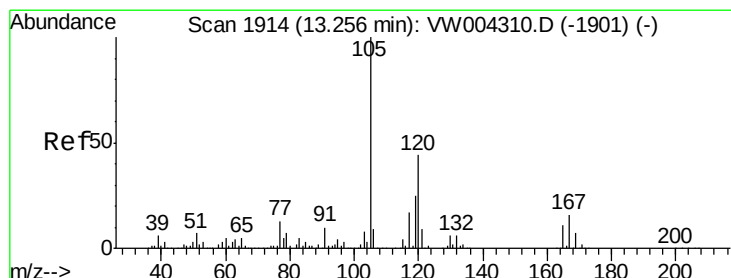
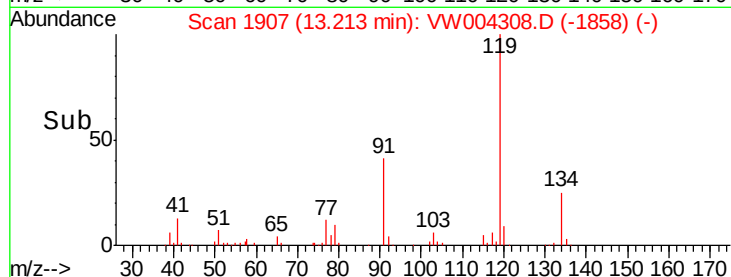
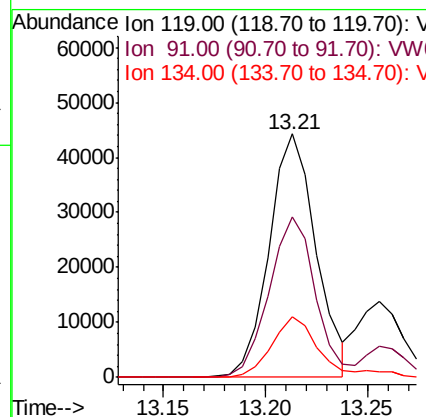
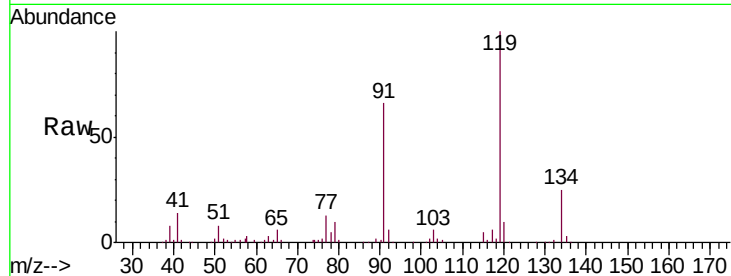
ClientSampleId :

VSTDIC010

Tot Ion:	119	Resp:	70850
Ion Ratio	Lower	Upper	
119	100		
91	65.6	32.8	98.3
134	23.9	12.2	36.6

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 9.64 ug/l

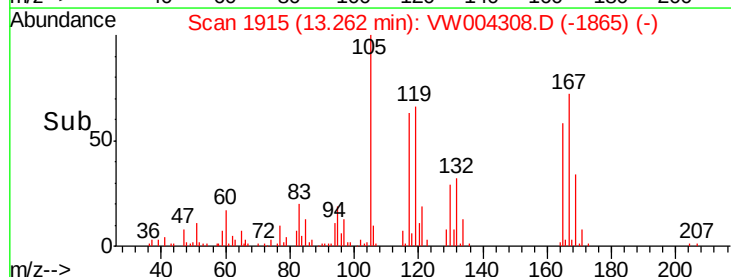
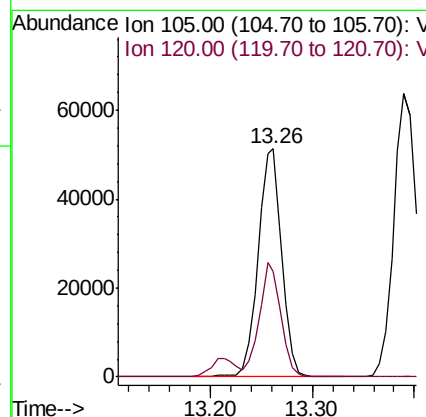
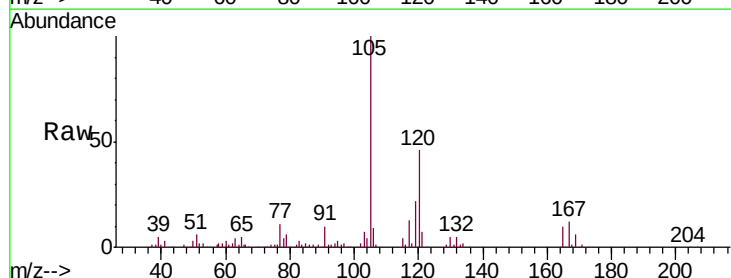
RT: 13.26 min Scan# 1915

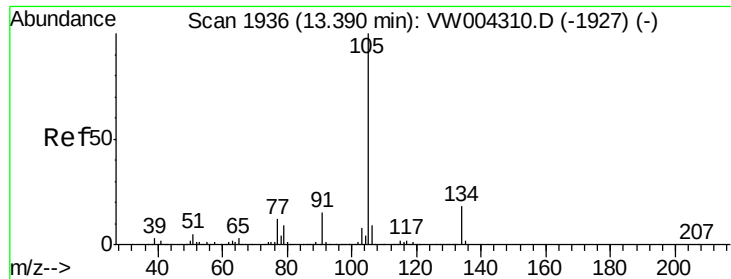
Delta R.T. 0.01 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Tgt Ion:	105	Resp:	83000
Ion Ratio	Lower	Upper	
105	100		
120	45.5	22.7	68.0





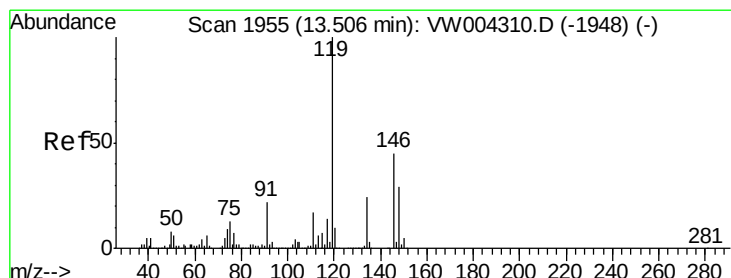
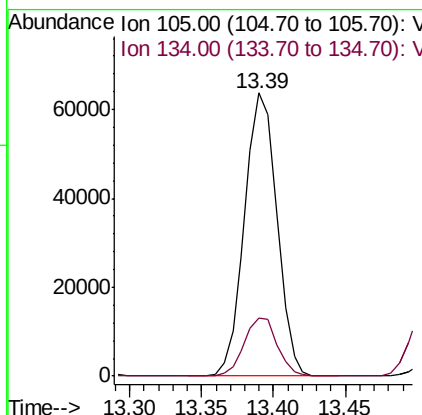
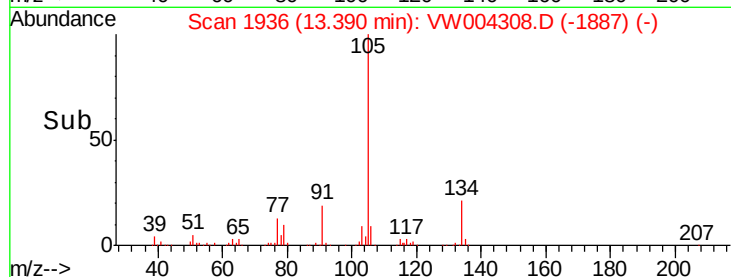
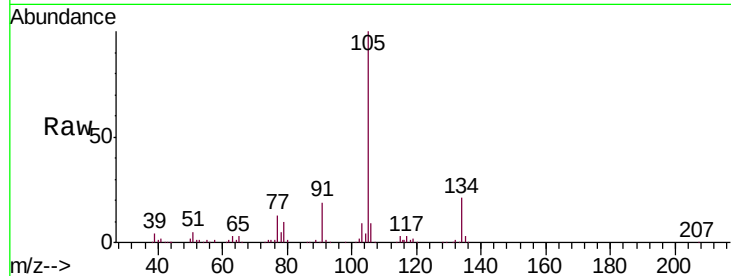
#85
 sec-Butylbenzene
 Concen: 9.67 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW004308.D
 Acq: 29 Jul 2018 12:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.0	9.6	28.8

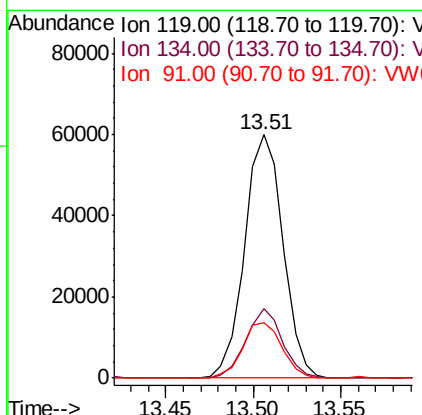
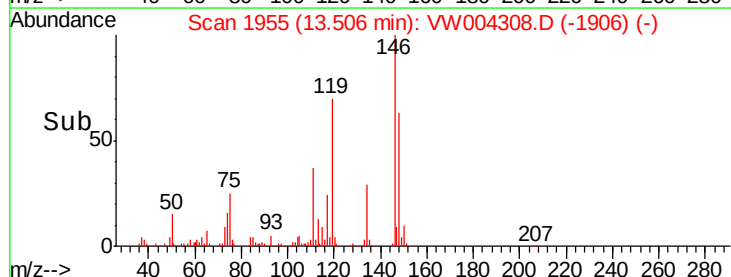
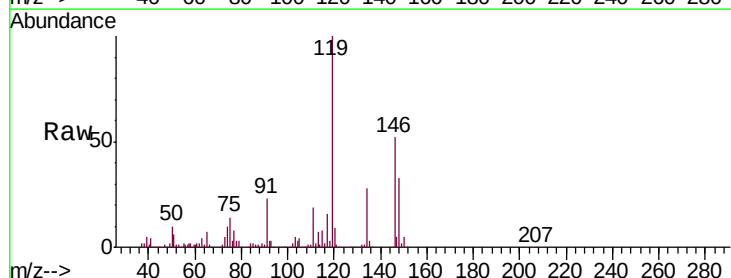
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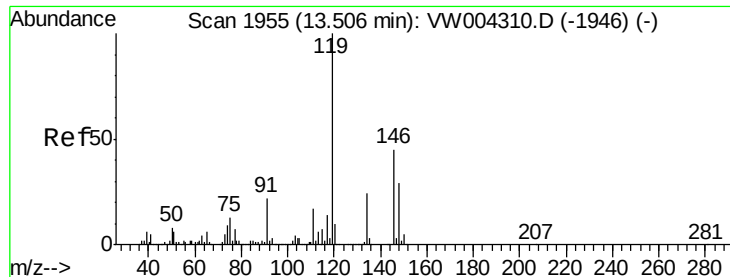
apatel
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#86
 p-Isopropyltoluene
 Concen: 9.89 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004308.D
 Acq: 29 Jul 2018 12:12

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.1	12.6	37.8
91	23.5	11.3	33.9





#87

1,3-Dichlorobenzene

Concen: 10.08 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:146 Resp: 47790

Ion Ratio Lower Upper

146 100

111 40.1 19.9 59.6

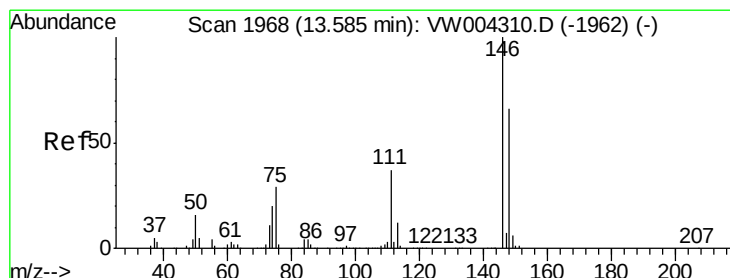
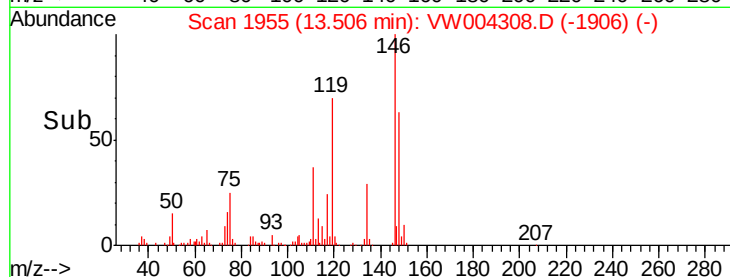
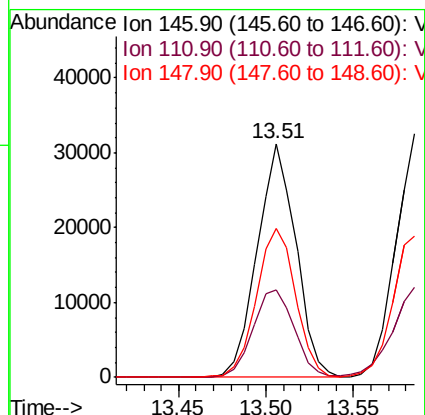
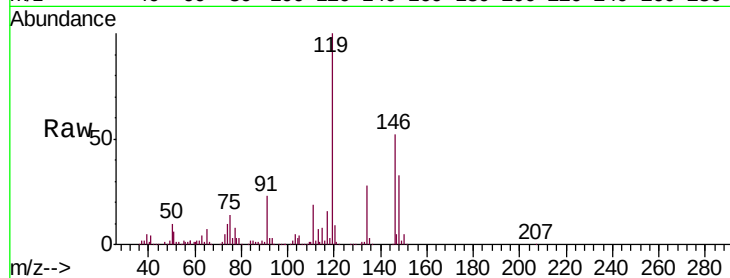
148 64.6 31.9 95.5

Manual Integrations

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#88

1,4-Dichlorobenzene

Concen: 10.51 ug/l

RT: 13.58 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

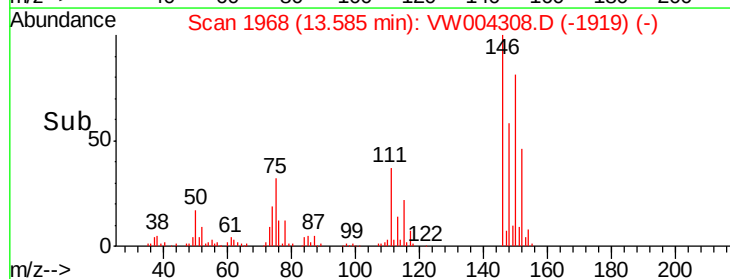
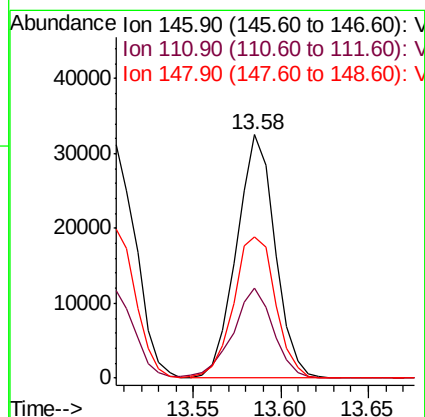
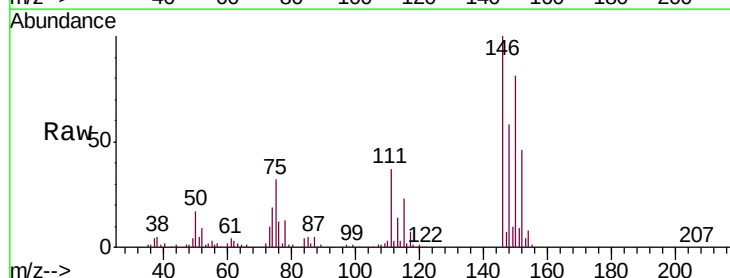
Tgt Ion:146 Resp: 49705

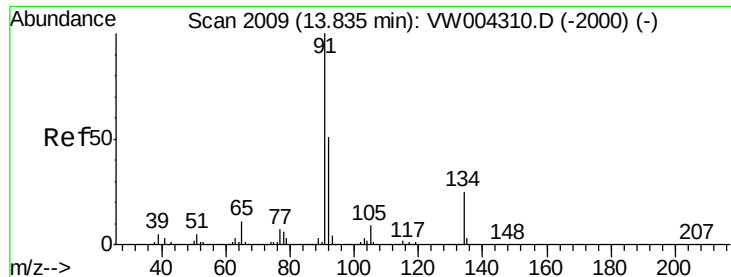
Ion Ratio Lower Upper

146 100

111 39.2 19.4 58.1

148 63.5 32.8 98.3





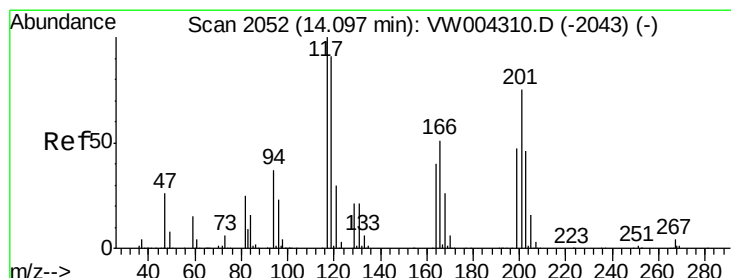
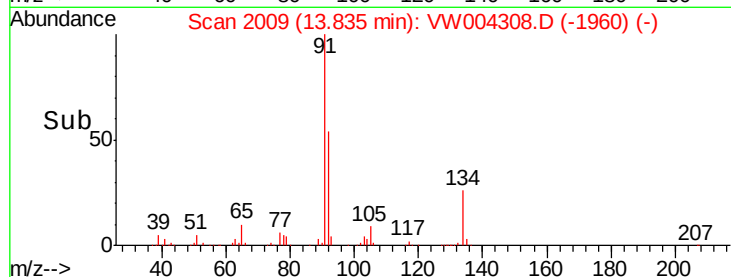
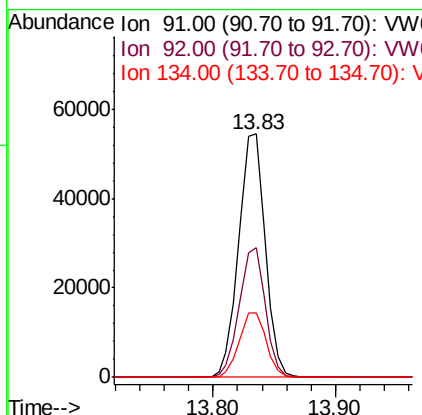
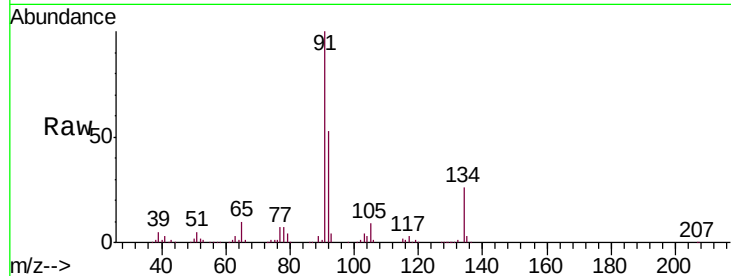
#89
n-Butylbenzene
Concen: 9.50 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.4	79.2
134	26.9	12.9	38.6

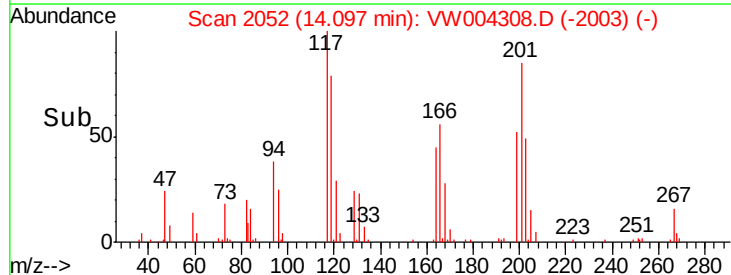
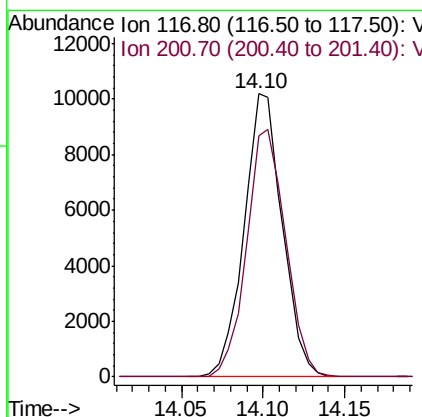
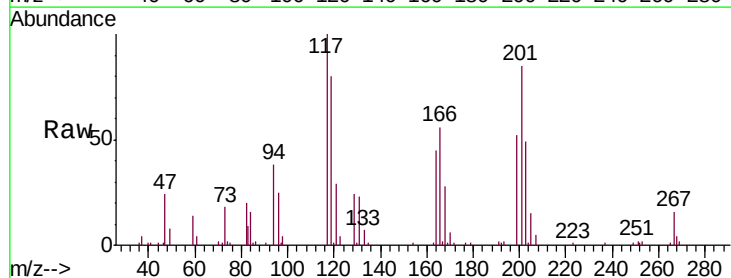
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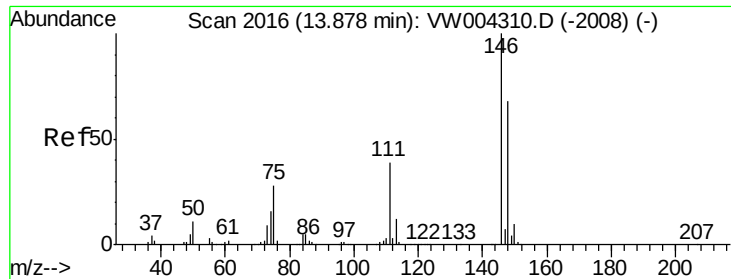
apatel
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#90
Hexachloroethane
Concen: 10.09 ug/l
RT: 14.10 min Scan# 2052
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.3	41.5	124.5





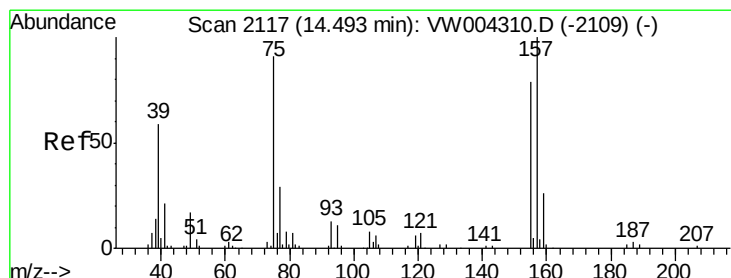
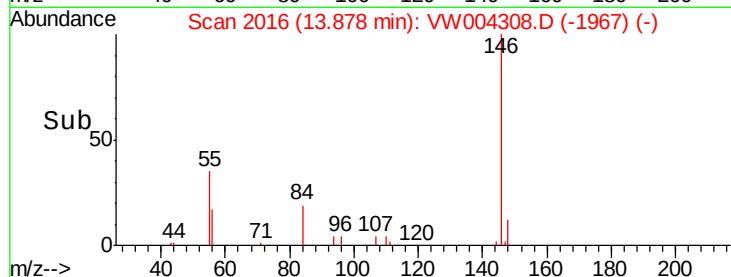
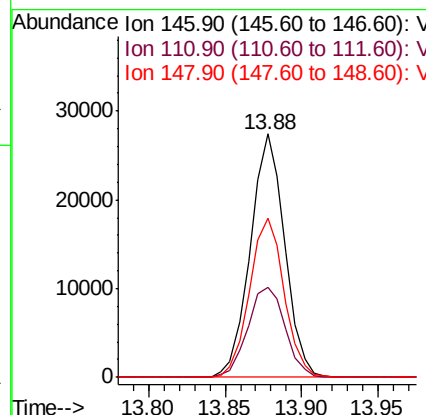
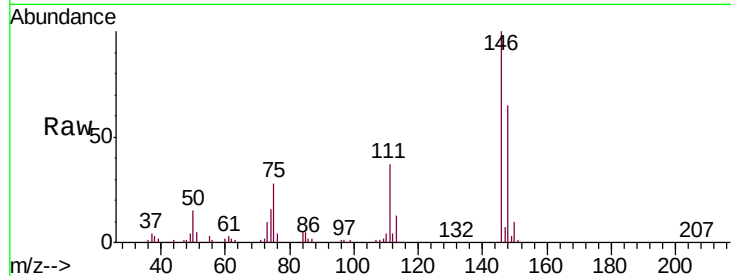
#91
 1,2-Dichlorobenzene
 Concen: 10.07 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW004308.D
 Acq: 29 Jul 2018 12:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.7	59.1
148	65.8	32.0	96.0

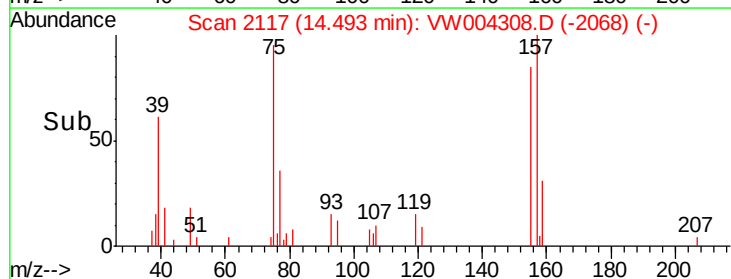
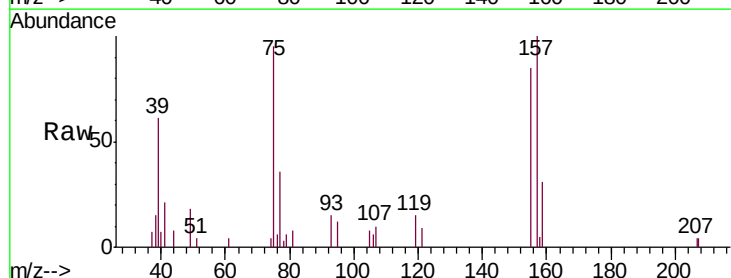
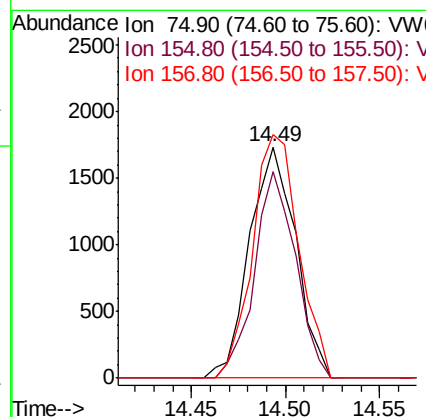
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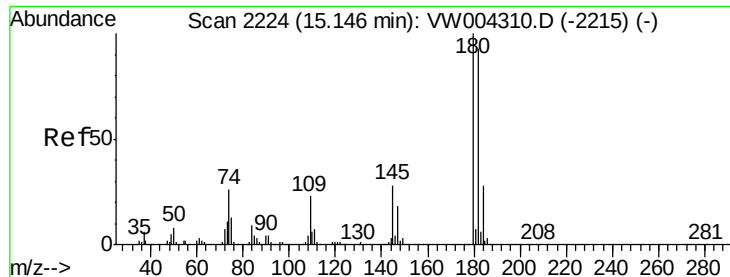
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.83 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW004308.D
 Acq: 29 Jul 2018 12:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.3	41.4	124.4
157	105.3	55.2	165.6





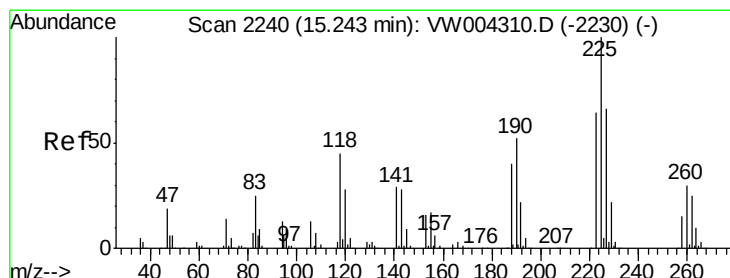
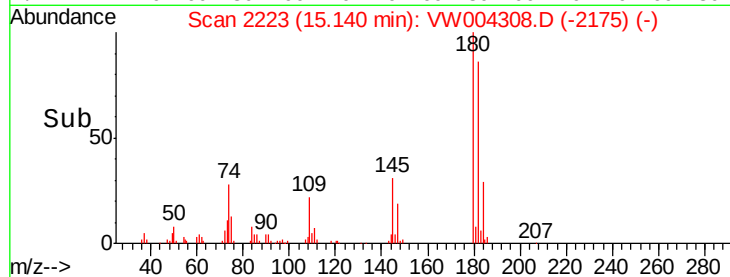
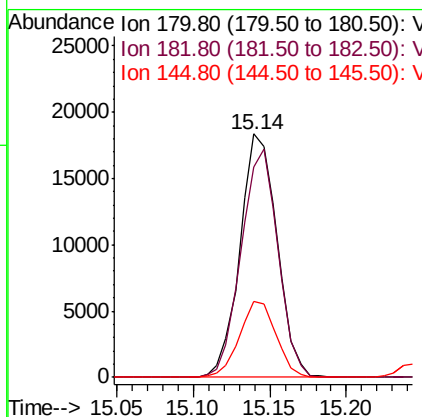
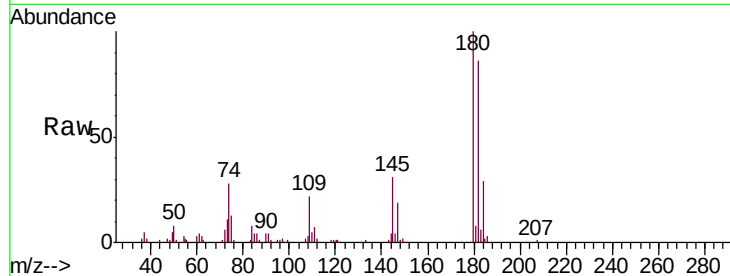
#93
 1,2,4-Trichlorobenzene
 Concen: 10.37 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: VW004308.D
 Acq: 29 Jul 2018 12:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion:	180	Resp:	30884
Ion Ratio	Lower	Upper	
180	100		
182	93.3	47.3	141.8
145	30.7	14.8	44.4

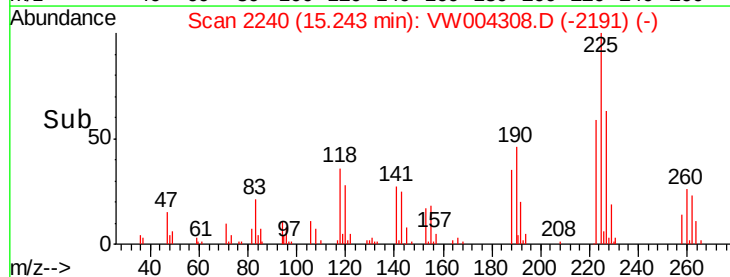
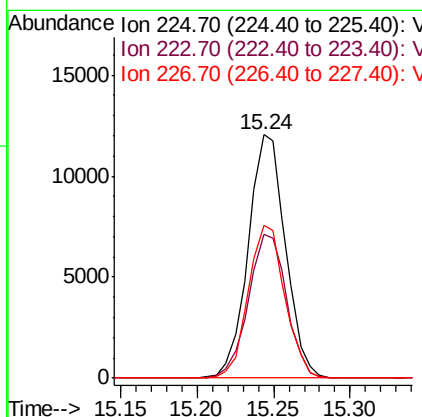
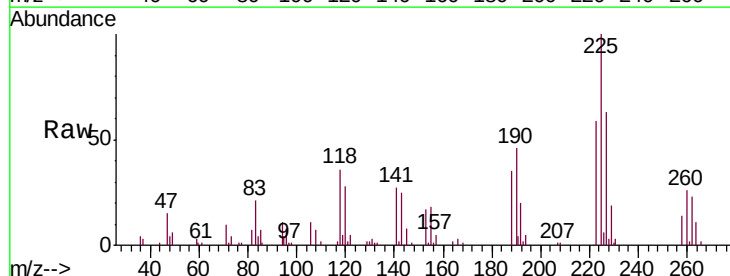
Manual Integrations
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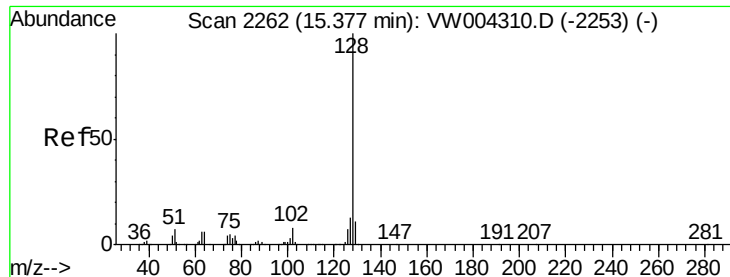
apatel
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#94
 Hexachlorobutadiene
 Concen: 11.22 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: VW004308.D
 Acq: 29 Jul 2018 12:12

Tgt Ion:	225	Resp:	20429
Ion Ratio	Lower	Upper	
225	100		
223	60.3	31.0	93.0
227	61.7	32.6	97.7





#95

Naphthalene

Concen: 9.41 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Instrument :

MSVOA_W

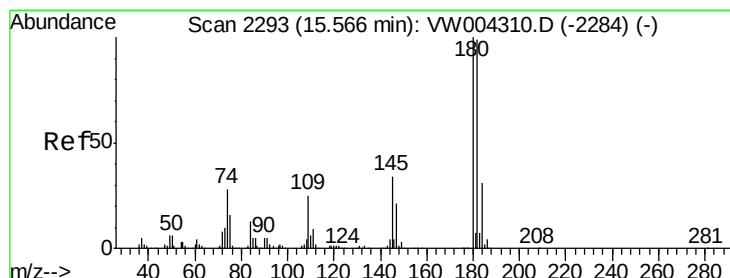
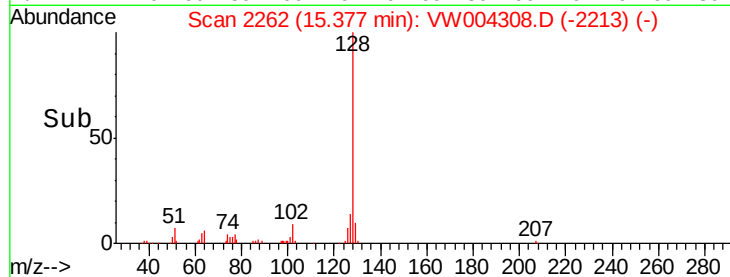
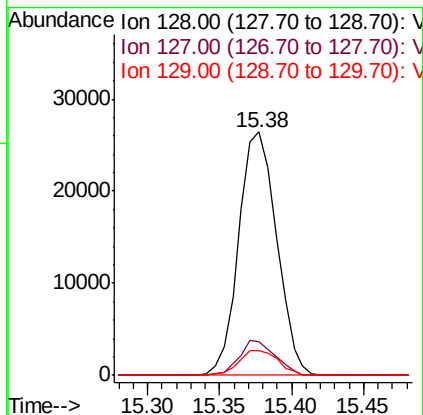
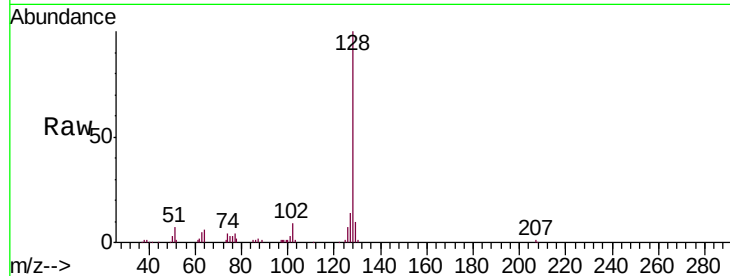
ClientSampled :

VSTDIC010

Tot Ion:	128	Resp:	48249
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.4	15.6
129	10.8	8.6	13.0

Manual Integrations
APPROVED

apatel
7/30/2018 10:32:22 AM



#96

1,2,3-Trichlorobenzene

Concen: 10.54 ug/l

RT: 15.57 min Scan# 2294

Delta R.T. 0.01 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Tgt Ion:	180	Resp:	27469
Ion Ratio	Lower	Upper	
180	100		
182	93.1	48.0	144.0
145	31.4	16.2	48.5

