

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071618\
 Data File : VW003946.D
 Acq On : 16 Jul 2018 12:23
 Operator : VA/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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apatel
 7/17/2018 10:11:00 AM

Quant Time: Jul 16 14:34:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 14:12:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	285130	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	445570	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	404701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	211428	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	30324	9.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.20%	
35) Dibromofluoromethane	7.88	113	27801	9.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.90%	
50) Toluene-d8	10.33	98	106022	9.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.50%	
62) 4-Bromofluorobenzene	12.62	95	37545	9.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	16681m	11.54	ug/l	
3) Chloromethane	2.20	50	23767	10.35	ug/l	94
4) Vinyl Chloride	2.36	62	31595	10.08	ug/l	100
5) Bromomethane	2.77	94	18365	9.10	ug/l	96
6) Chloroethane	2.92	64	16890	9.14	ug/l	98
7) Trichlorofluoromethane	3.25	101	13763	10.51	ug/l #	81
8) Diethyl Ether	3.67	74	14716	10.33	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.04	101	29631	10.82	ug/l	100
10) Methyl Iodide	4.26	142	40956	10.10	ug/l	99
11) Tert butyl alcohol	5.19	59	11440	55.62	ug/l #	89
12) 1,1-Dichloroethene	4.03	96	29240	10.87	ug/l	93
13) Acrolein	3.89	56	11755	49.76	ug/l	99
14) Allyl chloride	4.65	41	46886	10.02	ug/l	98
15) Acrylonitrile	5.36	53	34646	49.27	ug/l	100
16) Acetone	4.12	43	38756	54.91	ug/l	96
17) Carbon Disulfide	4.37	76	92123	10.60	ug/l	100
18) Methyl Acetate	4.67	43	16516	9.32	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	50949	9.60	ug/l	100
20) Methylene Chloride	4.91	84	55213	11.83	ug/l	96
21) trans-1,2-Dichloroethene	5.40	96	31417	10.16	ug/l	98
22) Diisopropyl ether	6.31	45	94203	9.74	ug/l	97
23) Vinyl Acetate	6.26	43	284867	48.08	ug/l	99
24) 1,1-Dichloroethane	6.21	63	58349	10.07	ug/l	99
25) 2-Butanone	7.18	43	50297	51.19	ug/l	99
26) 2,2-Dichloropropane	7.16	77	36015	10.96	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	33313	9.98	ug/l	99
28) Bromochloromethane	7.51	49	24663	9.80	ug/l	97
29) Tetrahydrofuran	7.54	42	30951	49.86	ug/l	98
30) Chloroform	7.68	83	57769	9.92	ug/l	97
31) Cyclohexane	7.95	56	57367	10.73	ug/l #	92
32) 1,1,1-Trichloroethane	7.87	97	46116	10.20	ug/l	100
36) 1,1-Dichloropropene	8.08	75	47863	10.30	ug/l	99
37) Ethyl Acetate	7.26	43	21104	9.79	ug/l	99
38) Carbon Tetrachloride	8.07	117	44493	10.23	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	54341	10.28	ug/l	94
40) Benzene	8.32	78	130507	10.05	ug/l	100
41) Methacrylonitrile	7.49	41	12428	10.03	ug/l	91
42) 1,2-Dichloroethane	8.40	62	39942	9.98	ug/l	100
43) Isopropyl Acetate	8.43	43	39015	9.60	ug/l	99
44) Trichloroethene	9.09	130	34204	10.32	ug/l	98
45) 1,2-Dichloropropane	9.37	63	33545	10.07	ug/l	95
46) Dibromomethane	9.46	93	17206	10.06	ug/l	99
47) Bromodichloromethane	9.65	83	41780	9.83	ug/l	98
48) Methyl methacrylate	9.44	41	17868	9.18	ug/l	98
49) 1,4-Dioxane	9.46	88	4699	180.61	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	103238	47.78	ug/l	100
52) Toluene	10.39	92	80908	10.01	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	42510	9.76	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	48735	9.78	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	24471	10.12	ug/l	98
56) Ethyl methacrylate	10.65	69	27483	9.08	ug/l	98
57) 1,3-Dichloropropane	10.94	76	41075	9.78	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	68347	48.02	ug/l	100
59) 2-Hexanone	10.98	43	72640	48.55	ug/l	95
60) Dibromochloromethane	11.13	129	26874	9.58	ug/l	100
61) 1,2-Dibromoethane	11.24	107	22421	9.92	ug/l	96
64) Tetrachloroethene	10.87	164	29056	10.09	ug/l	95
65) Chlorobenzene	11.66	112	89264	10.22	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	30678	10.14	ug/l	98
67) Ethyl Benzene	11.74	91	151781	9.98	ug/l	100
68) m/p-Xylenes	11.85	106	117916	20.16	ug/l	99
69) o-Xylene	12.17	106	52806	9.80	ug/l	100
70) Styrene	12.19	104	87537	9.64	ug/l	98
71) Bromoform	12.35	173	16201	9.75	ug/l #	97
73) Isopropylbenzene	12.47	105	150378	10.17	ug/l	100
74) N-amyl acetate	12.28	43	35377	9.35	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	28515	10.11	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	23814m	10.24	ug/l	
77) Bromobenzene	12.76	156	35925	10.15	ug/l	100
78) n-propylbenzene	12.81	91	183762	10.05	ug/l	99
79) 2-Chlorotoluene	12.90	91	104509	10.12	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	126432	10.07	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	9187	10.49	ug/l	99
82) 4-Chlorotoluene	12.99	91	113591	10.21	ug/l	100
83) tert-Butylbenzene	13.21	119	104452	9.97	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	129569	10.00	ug/l	97
85) sec-Butylbenzene	13.39	105	159850	10.21	ug/l	99
86) p-Isopropyltoluene	13.51	119	137846	10.05	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	73306	10.26	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	75104	10.48	ug/l	99
89) n-Butylbenzene	13.83	91	134025	9.93	ug/l	99
90) Hexachloroethane	14.10	117	25205	9.91	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	64371	10.07	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4960	10.09	ug/l	94

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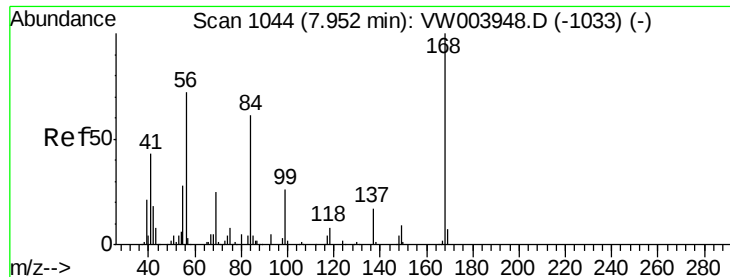
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	44892	10.18	ug/l	98
94) Hexachlorobutadiene	15.25	225	26498	10.42	ug/l	100
95) Naphthalene	15.38	128	75725	9.55	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	38913	9.96	ug/l	98

(#) = 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: VW003946.D

Acq: 16 Jul 2018 12:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:168 Resp: 285130

Ion Ratio Lower Upper

168 100

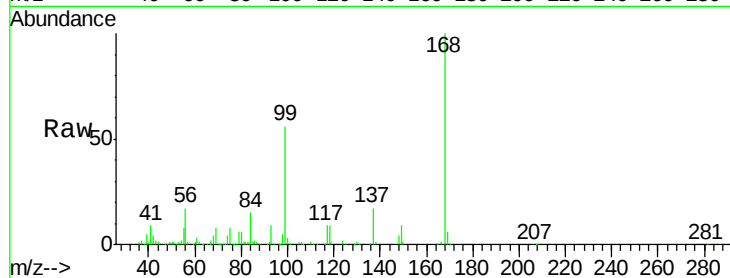
99 56.0 43.8 65.6

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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

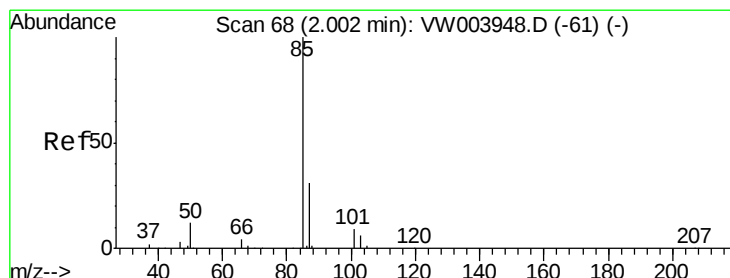
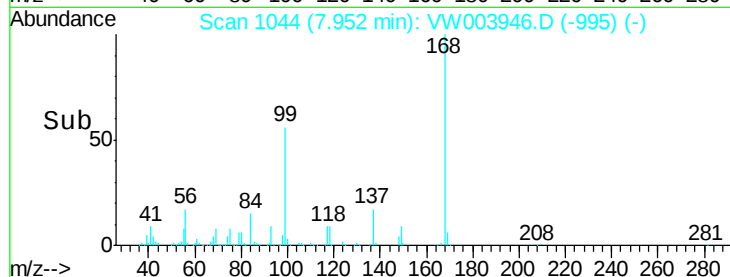
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 11.54 ug/l m

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW003946.D

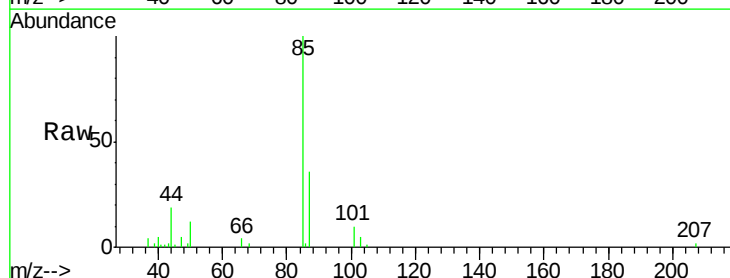
Acq: 16 Jul 2018 12:23

Tgt Ion: 85 Resp: 16681

Ion Ratio Lower Upper

85 100

87 36.2 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

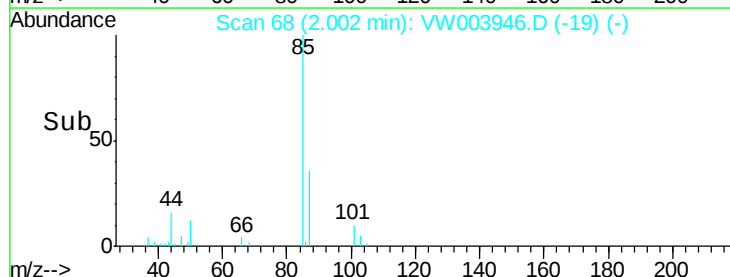
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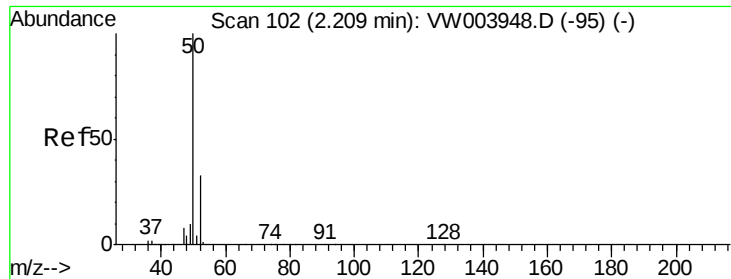
4000

2000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 10.35 ug/l

RT: 2.20 min Scan# 101

Delta R.T. -0.01 min

Lab File: VW003946.D

Acq: 16 Jul 2018 12:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 50 Resp: 23767

Ion Ratio Lower Upper

50 100

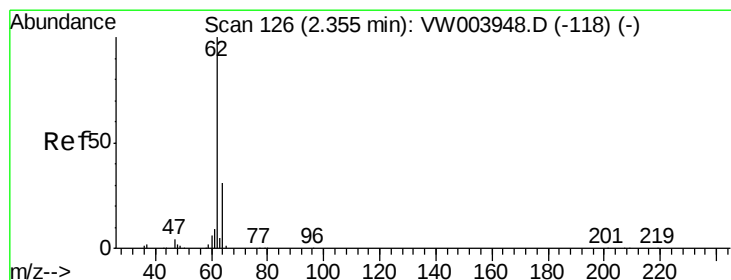
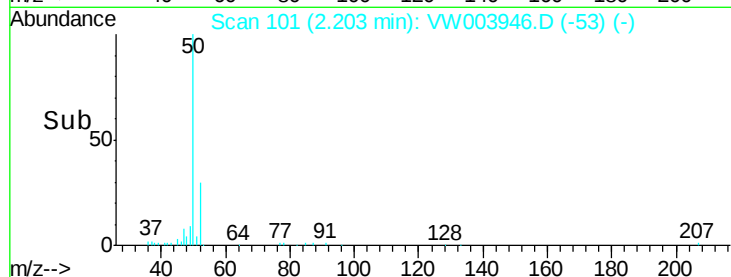
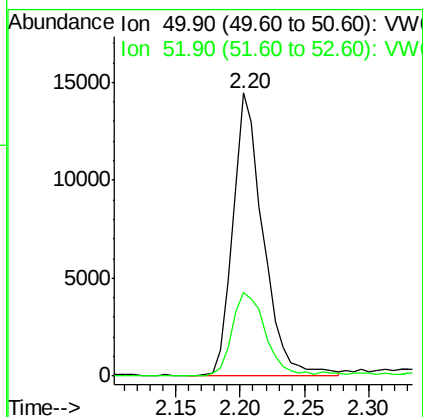
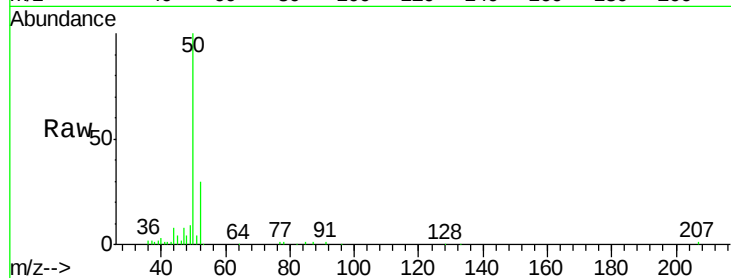
52 29.8 26.3 39.5

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#4

Vinyl Chloride

Concen: 10.08 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003946.D

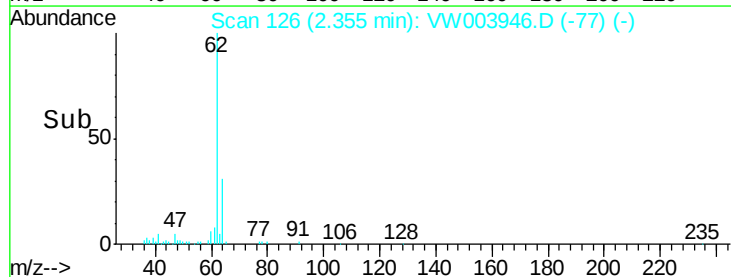
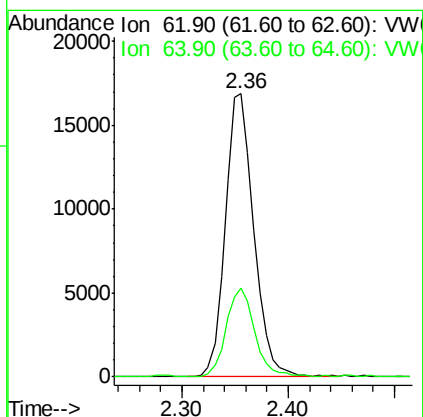
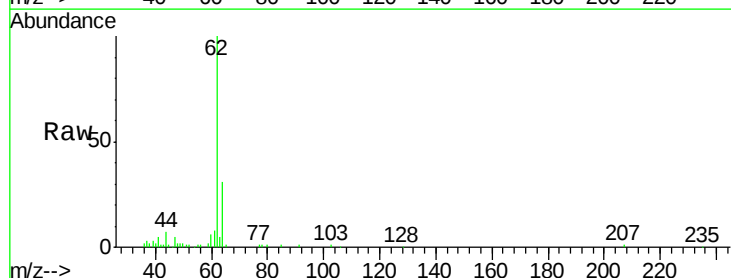
Acq: 16 Jul 2018 12:23

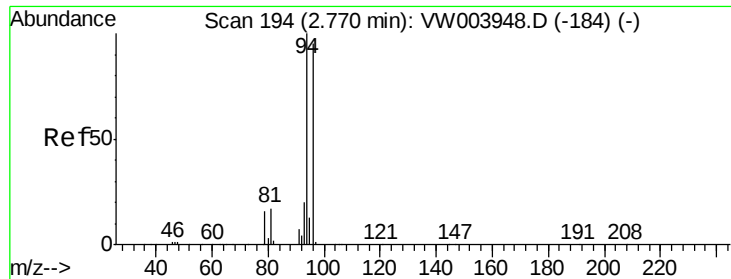
Tgt Ion: 62 Resp: 31595

Ion Ratio Lower Upper

62 100

64 31.4 25.0 37.6





#5

Bromomethane

Concen: 9.10 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.00 min

Lab File: VW003946.D

Acq: 16 Jul 2018 12:23

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 18365

Ion Ratio Lower Upper

94 100

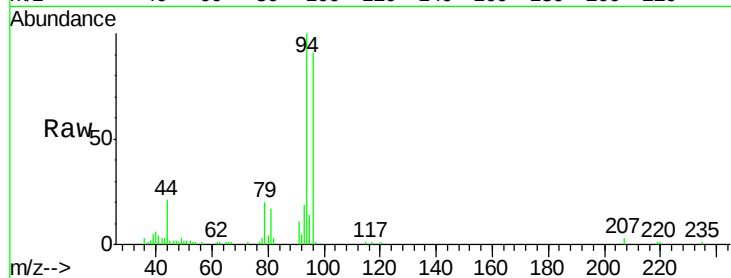
96 90.7 75.8 113.6

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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.77

8000

6000

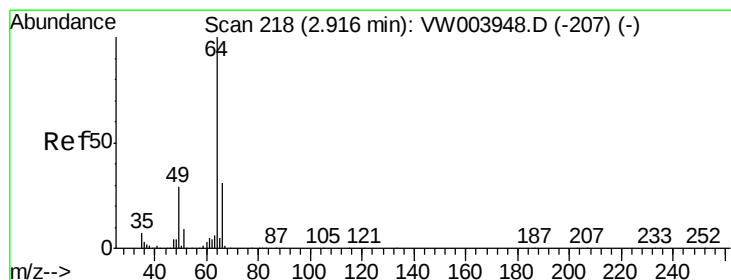
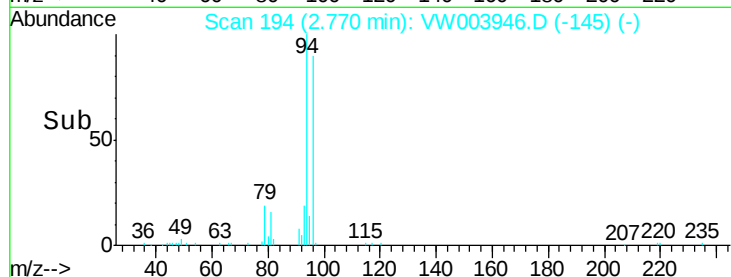
4000

2000

0

Time-->

2.70 2.80 2.90



#6

Chloroethane

Concen: 9.14 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.01 min

Lab File: VW003946.D

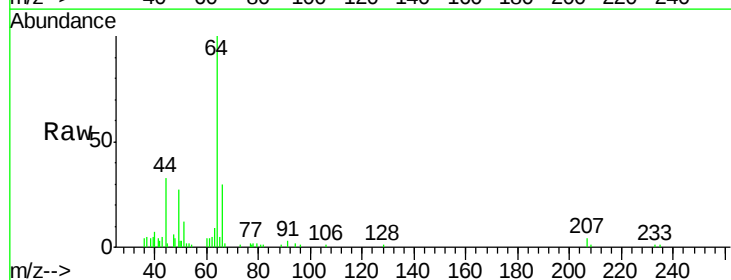
Acq: 16 Jul 2018 12:23

Tgt Ion: 64 Resp: 16890

Ion Ratio Lower Upper

64 100

66 29.6 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.92

6000

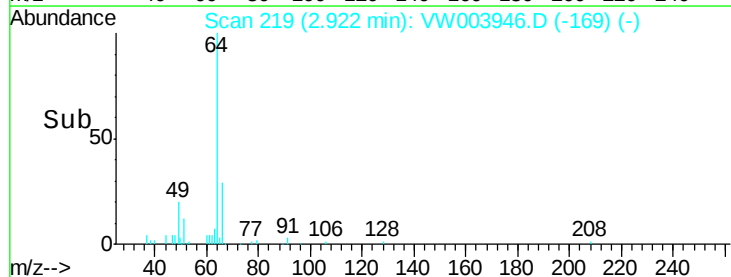
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2000

0

Time-->

2.80 2.90 3.00





#7

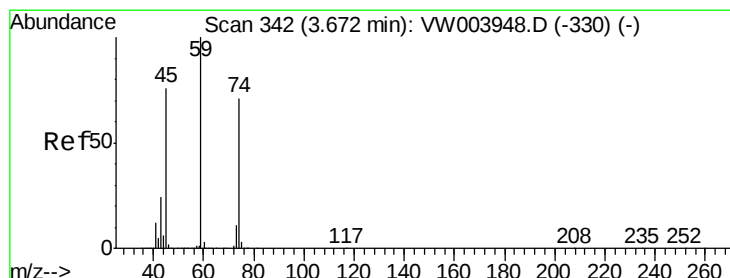
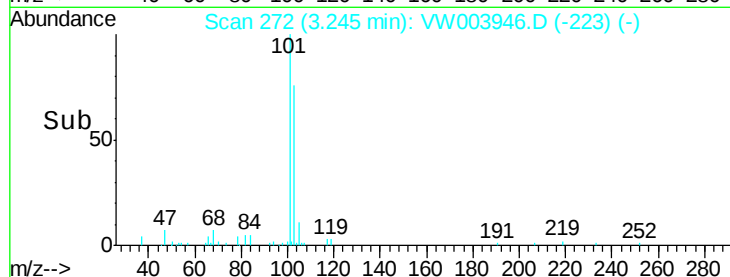
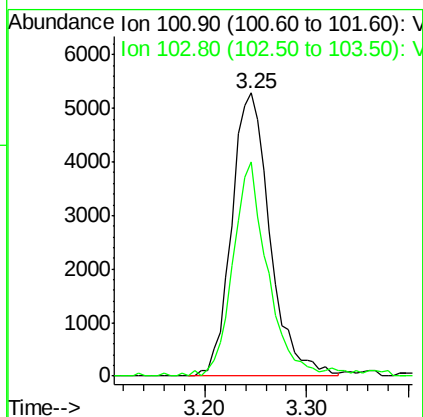
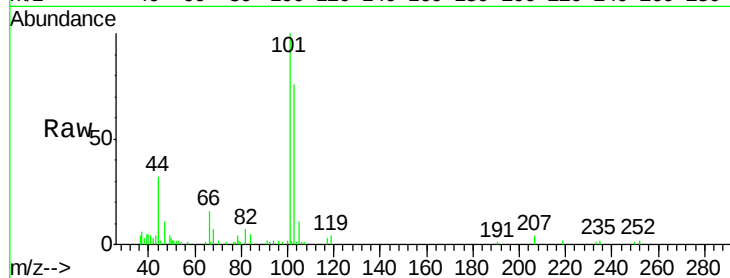
Trichlorofluoromethane
Concen: 10.51 ug/l
RT: 3.25 min Scan# 272
Delta R.T. -0.00 min
Lab File: VW003946.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	75.6	49.0	73.6#

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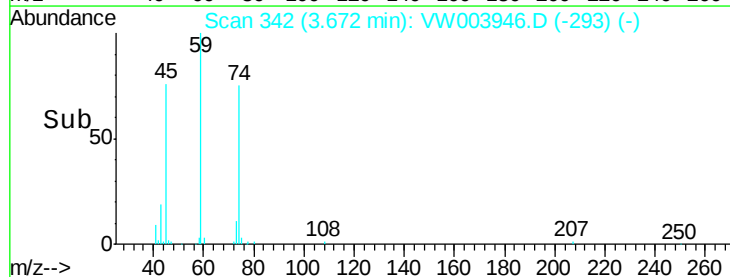
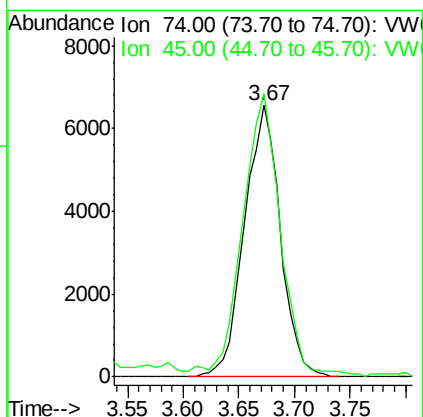
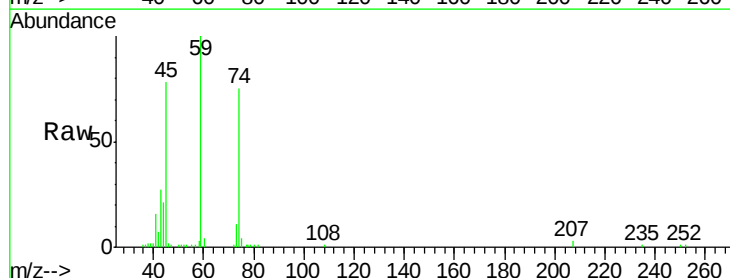
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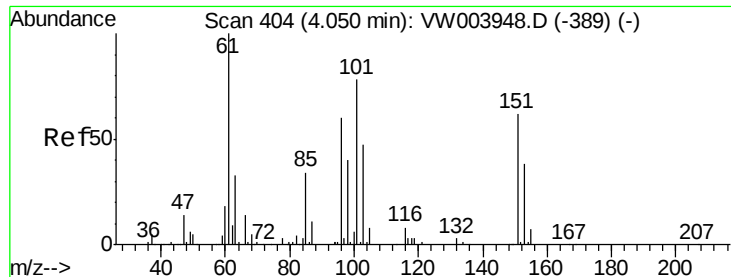


#8

Diethyl Ether
Concen: 10.33 ug/l
RT: 3.67 min Scan# 342
Delta R.T. -0.00 min
Lab File: VW003946.D
Acq: 16 Jul 2018 12:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	110.6	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.82 ug/l

RT: 4.04 min Scan# 403

Delta R.T. -0.01 min

Lab File: VW003946.D

Acq: 16 Jul 2018 12:23

Instrument :

MSVOA_W

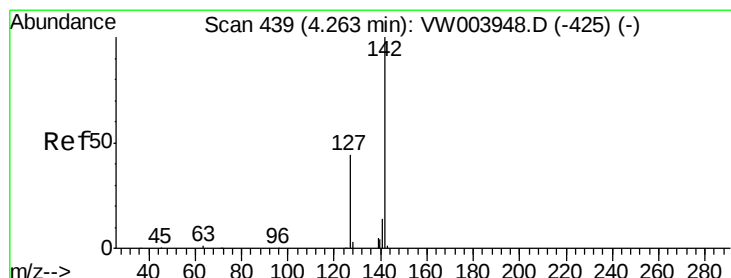
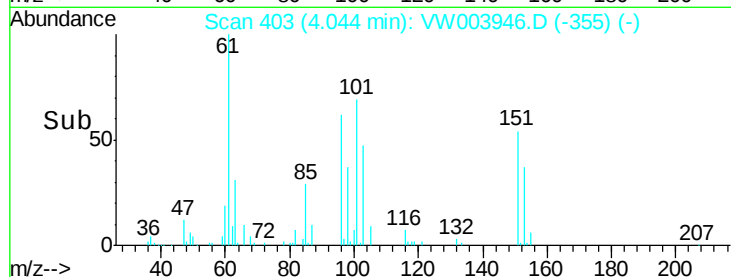
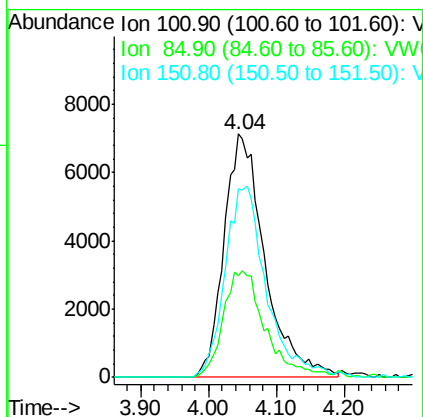
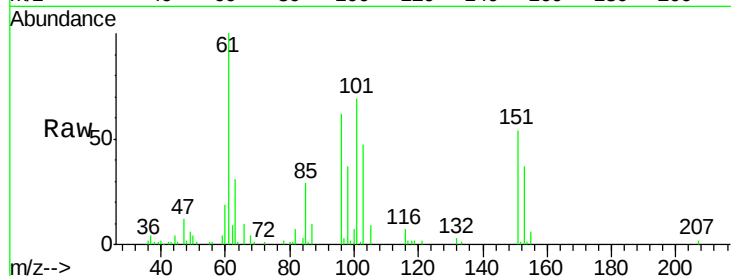
ClientSampleId :

VSTDIC010

Tot Ion:	101	Resp:	29631
Ion Ratio	Lower	Upper	
101	100		
85	44.9	35.8	53.6
151	79.3	63.6	95.4

Manual Integrations
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#10

Methyl Iodide

Concen: 10.10 ug/l

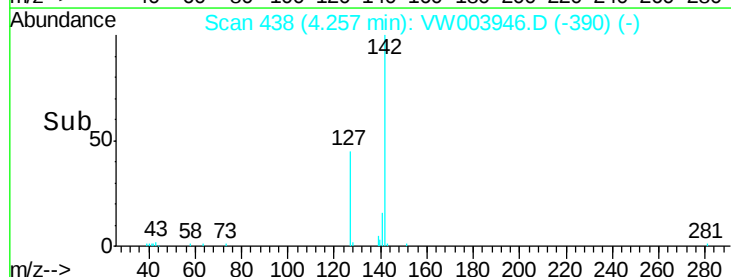
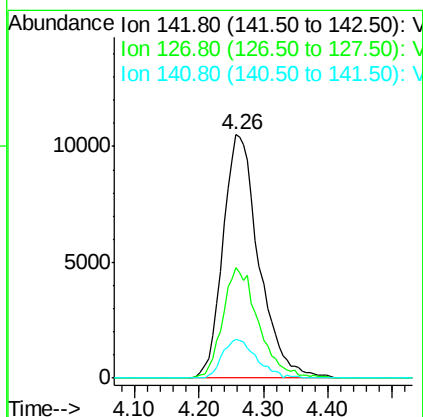
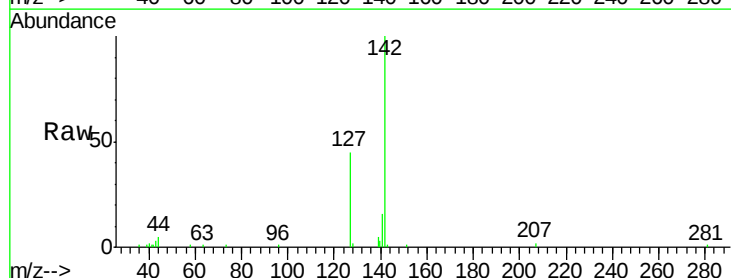
RT: 4.26 min Scan# 438

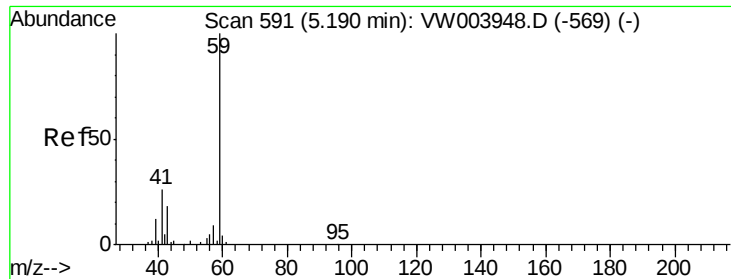
Delta R.T. -0.01 min

Lab File: VW003946.D

Acq: 16 Jul 2018 12:23

Tgt Ion:	142	Resp:	40956
Ion Ratio	Lower	Upper	
142	100		
127	45.1	35.4	53.2
141	15.1	11.7	17.5





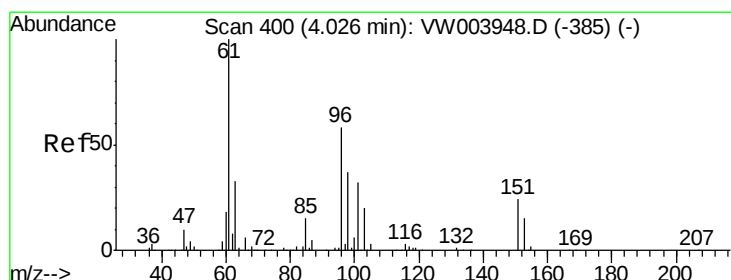
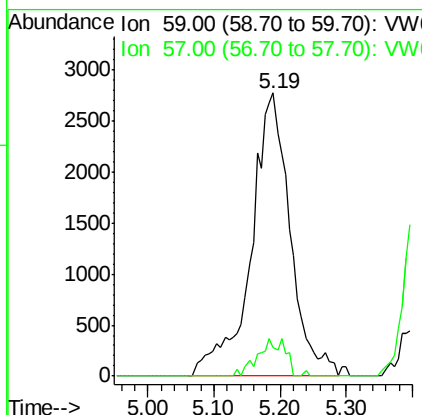
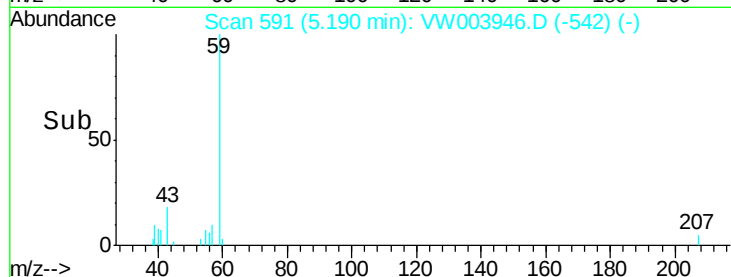
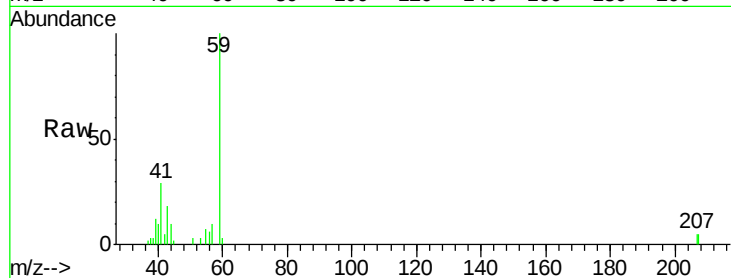
#11
Tert butyl alcohol
Concen: 55.62 ug/l
RT: 5.19 min Scan# 591
Delta R.T. -0.00 min
Lab File: VW003946.D
Acq: 16 Jul 2018 12:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 59 Resp: 11440
Ion Ratio Lower Upper
59 100
57 6.5 8.5 12.7#

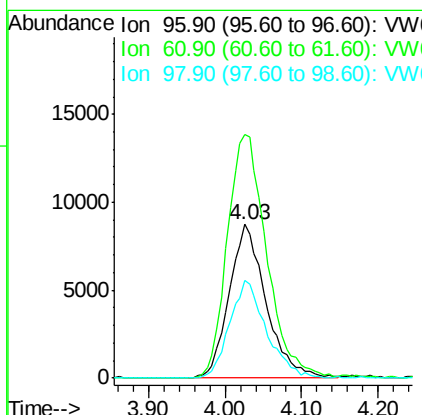
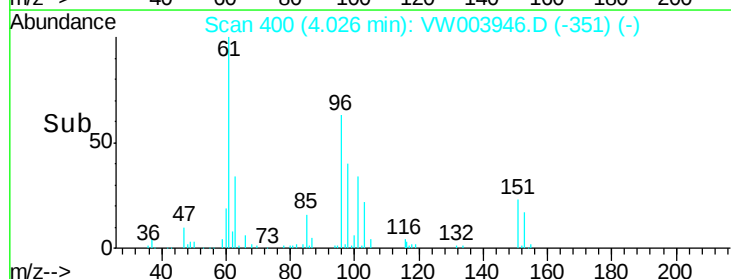
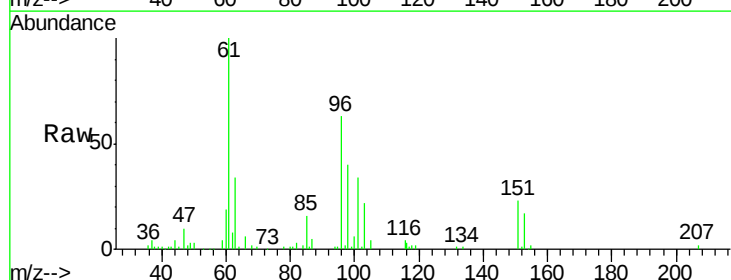
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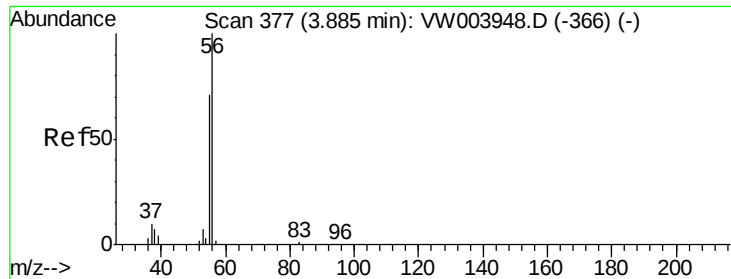
apatel
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#12
1,1-Dichloroethene
Concen: 10.87 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.00 min
Lab File: VW003946.D
Acq: 16 Jul 2018 12:23

Tgt Ion: 96 Resp: 29240
Ion Ratio Lower Upper
96 100
61 158.4 137.0 205.6
98 63.2 50.2 75.4





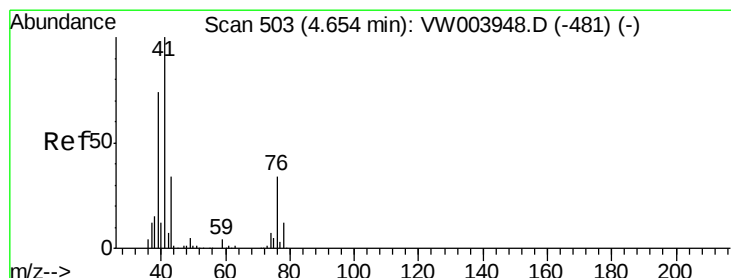
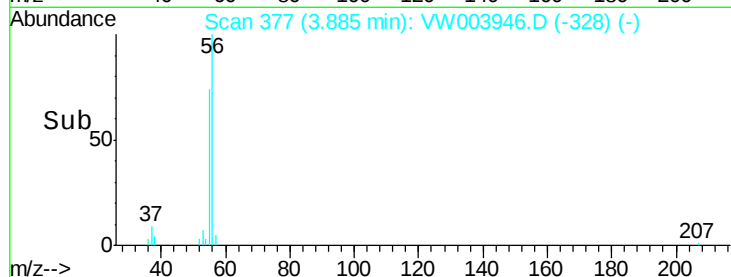
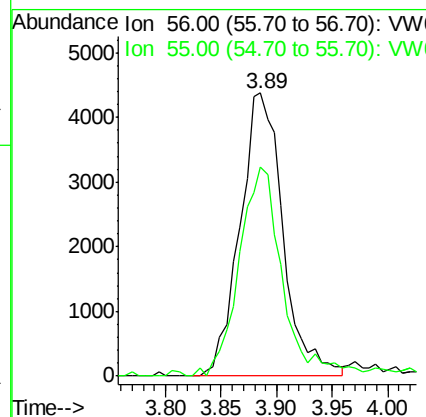
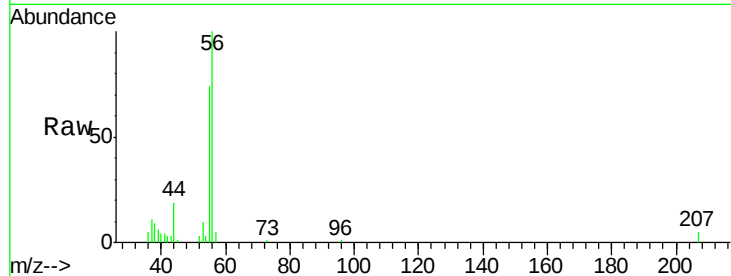
#13
Acrolein
Concen: 49.76 ug/l
RT: 3.89 min Scan# 377
Delta R.T. -0.00 min
Lab File: VW003946.D
Acq: 16 Jul 2018 12:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	56	Resp	11755
Ion Ratio	100	Lower	Upper
56	100		
55	73.9	58.2	87.4

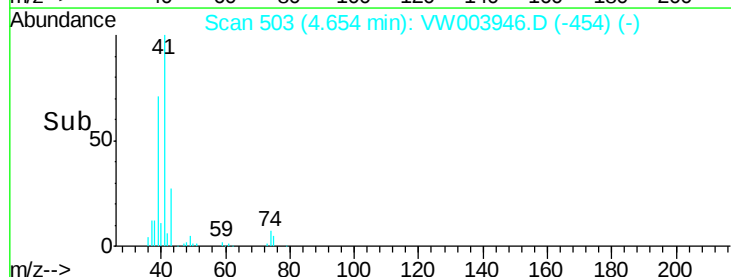
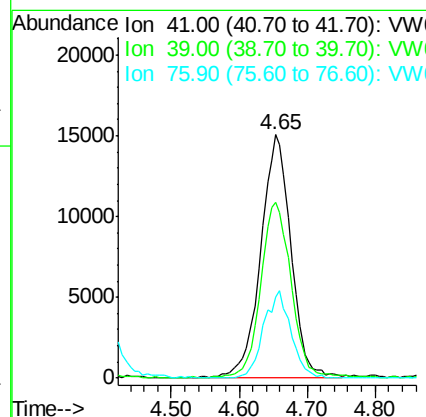
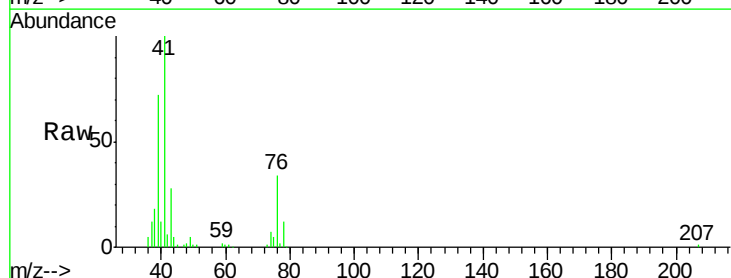
Manual Integrations
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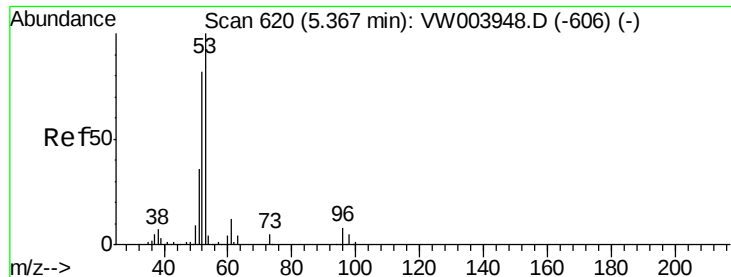
apatel
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#14
Allyl chloride
Concen: 10.02 ug/l
RT: 4.65 min Scan# 503
Delta R.T. -0.00 min
Lab File: VW003946.D
Acq: 16 Jul 2018 12:23

Tgt Ion	41	Resp	46886
Ion Ratio	100	Lower	Upper
41	100		
39	72.6	57.0	85.4
76	32.3	26.5	39.7





#15

Acrylonitrile

Concen: 49.27 ug/l

RT: 5.36 min Scan# 619

Delta R.T. -0.01 min

Lab File: VW003946.D

Acq: 16 Jul 2018 12:23

Instrument :

MSVOA_W

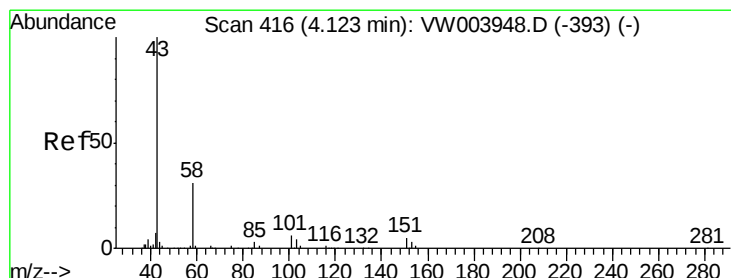
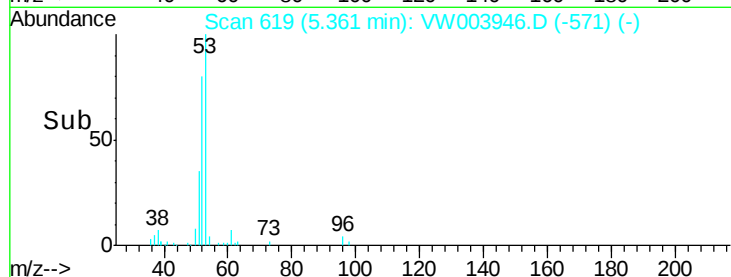
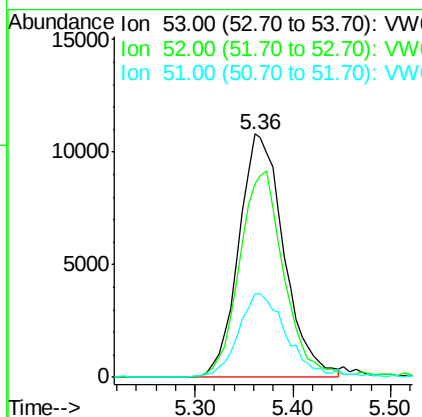
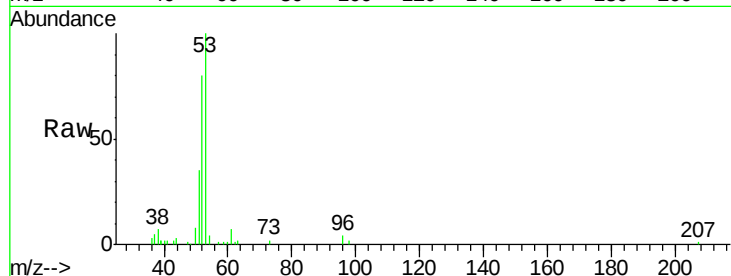
ClientSampleId :

VSTDIC010

Tot Ion:	53	Resp:	34646
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.1	99.1
51	37.3	29.8	44.6

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#16

Acetone

Concen: 54.91 ug/l

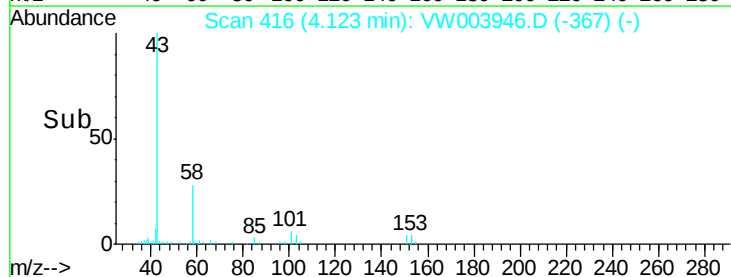
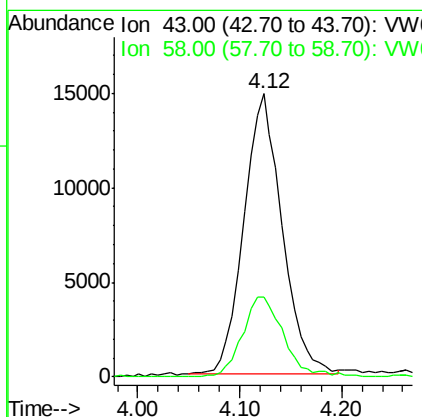
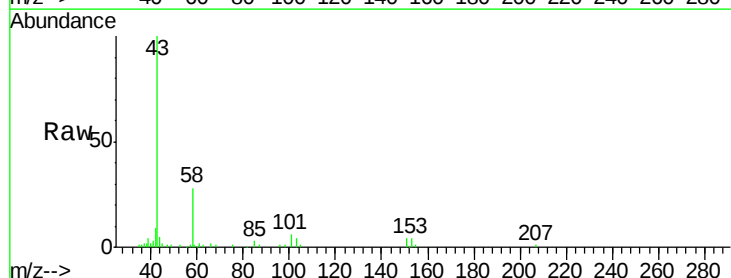
RT: 4.12 min Scan# 416

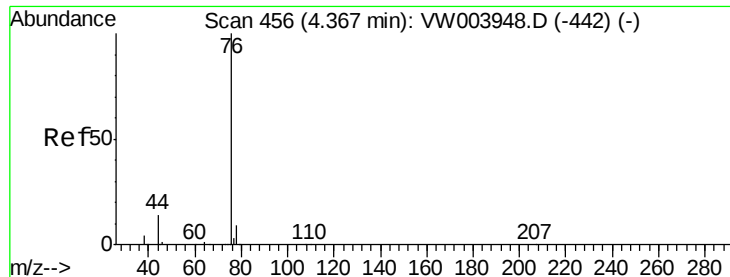
Delta R.T. -0.00 min

Lab File: VW003946.D

Acq: 16 Jul 2018 12:23

Tgt Ion:	43	Resp:	38756
Ion	Ratio	Lower	Upper
43	100		
58	28.5	24.5	36.7





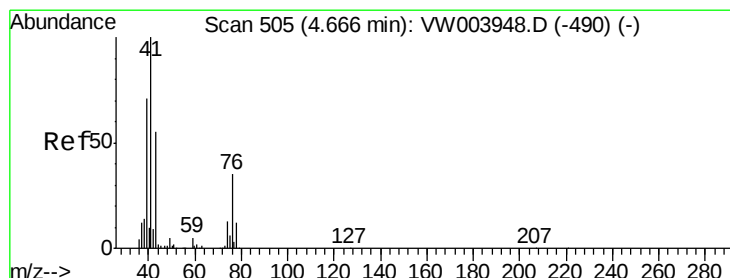
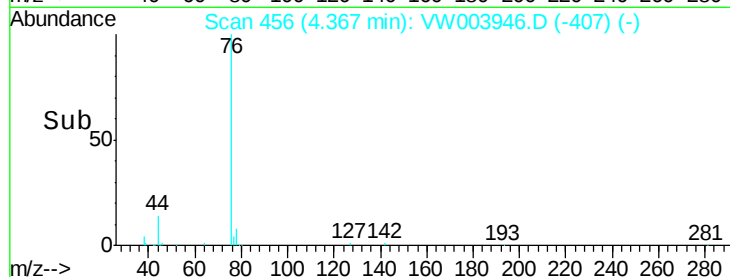
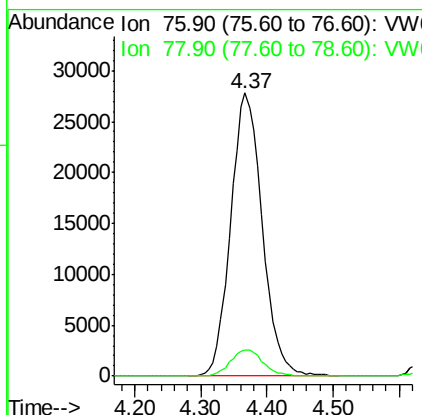
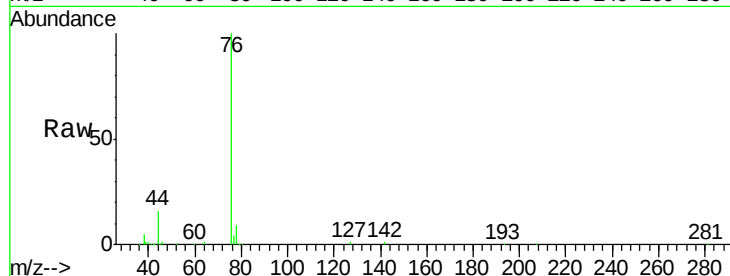
#17
Carbon Disulfide
Concen: 10.60 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW003946.D
Acq: 16 Jul 2018 12:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.1	10.7

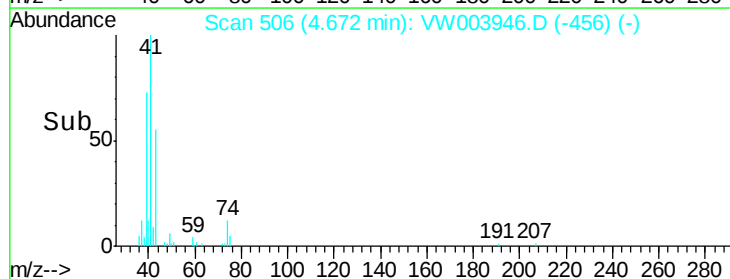
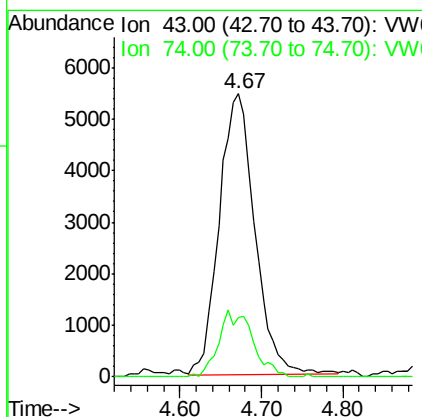
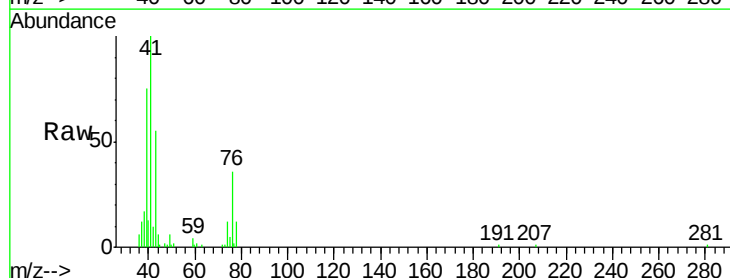
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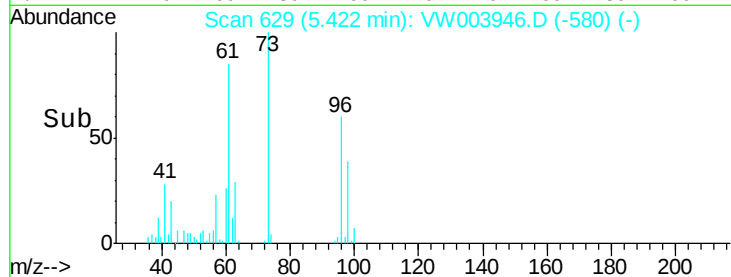
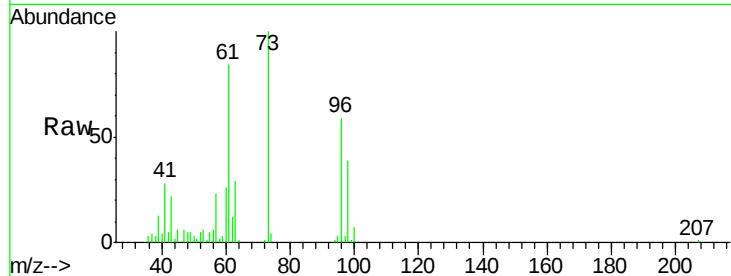
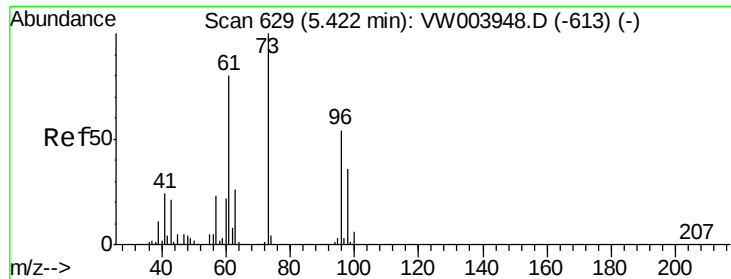
apatel
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#18
Methyl Acetate
Concen: 9.32 ug/l
RT: 4.67 min Scan# 506
Delta R.T. 0.01 min
Lab File: VW003946.D
Acq: 16 Jul 2018 12:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.5	17.7	26.5





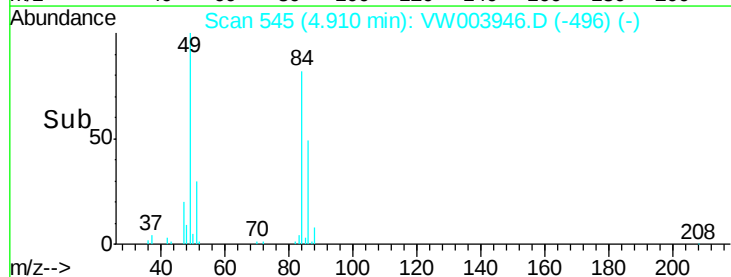
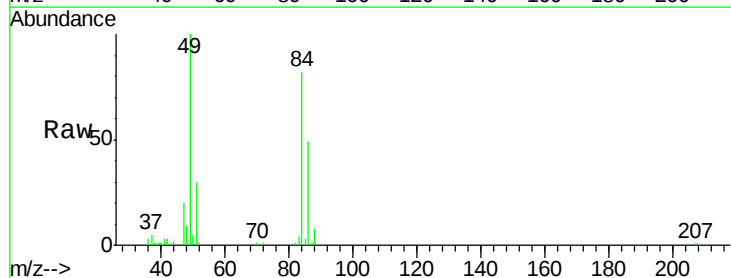
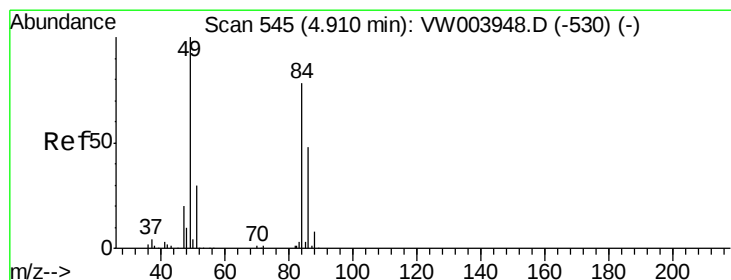
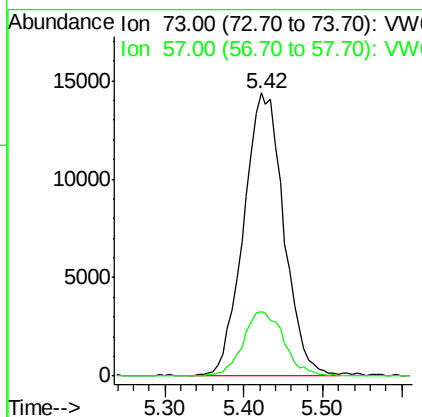
#19
Methyl tert-butyl Ether
Concen: 9.60 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.00 min
Lab File: VW003946.D
Acq: 16 Jul 2018 12:23

Tot Ion: 73 Resp: 50949
Ion Ratio Lower Upper
73 100
57 22.9 18.2 27.4

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

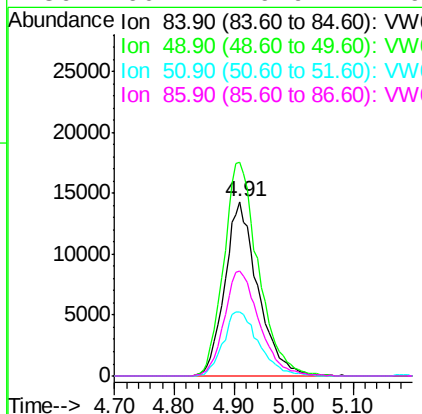
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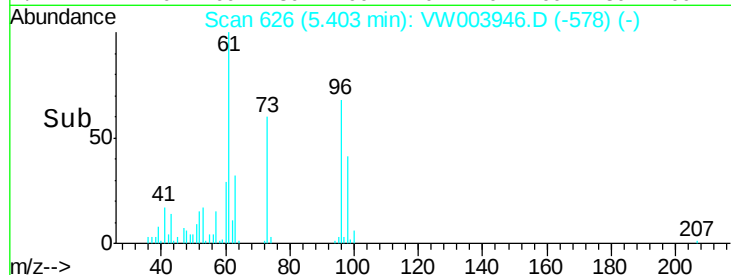
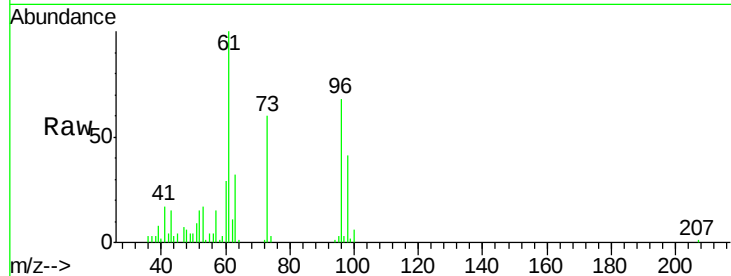
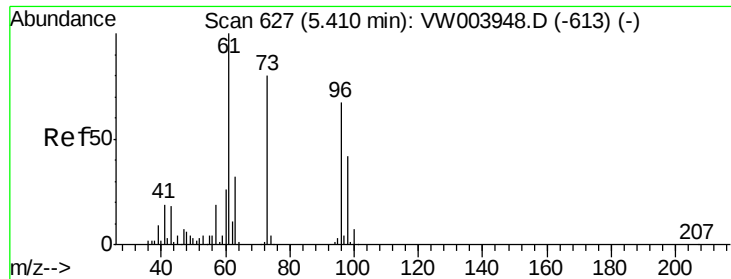
apatel
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#20
Methylene Chloride
Concen: 11.83 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.00 min
Lab File: VW003946.D
Acq: 16 Jul 2018 12:23

Tgt Ion: 84 Resp: 55213
Ion Ratio Lower Upper
84 100
49 122.6 102.9 154.3
51 37.0 30.9 46.3
86 60.1 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 10.16 ug/l

RT: 5.40 min Scan# 626

Delta R.T. -0.01 min

Lab File: VW003946.D

Acq: 16 Jul 2018 12:23

Tot Ion:	96	Resp:	31417
Ion	Ratio	Lower	Upper
96	100		
61	146.7	119.0	178.4
98	59.7	49.9	74.9

Instrument :

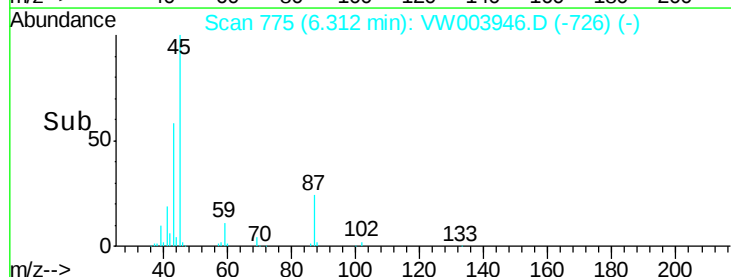
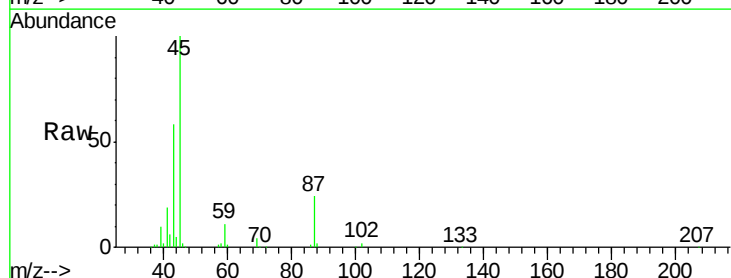
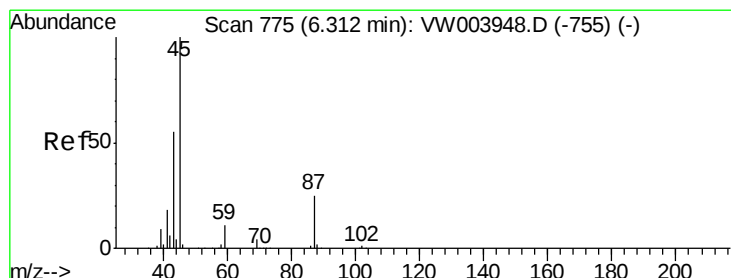
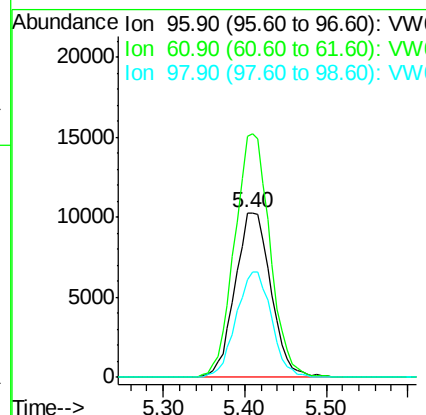
MSVOA_W

ClientSampleId :

VSTDIC010

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#22

Diisopropyl ether

Concen: 9.74 ug/l

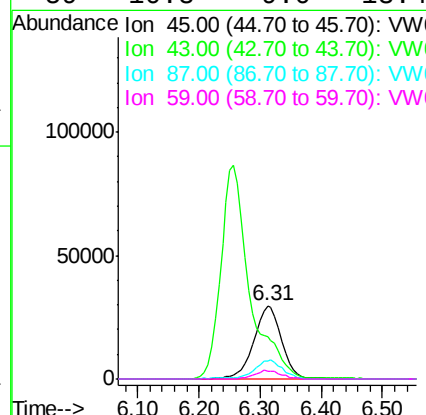
RT: 6.31 min Scan# 775

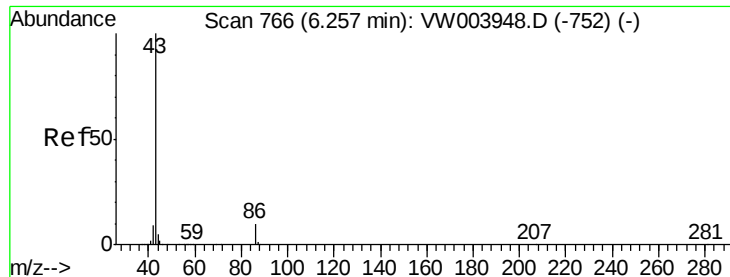
Delta R.T. -0.00 min

Lab File: VW003946.D

Acq: 16 Jul 2018 12:23

Tgt Ion:	45	Resp:	94203
Ion	Ratio	Lower	Upper
45	100		
43	57.6	44.3	66.5
87	24.4	20.2	30.4
59	10.8	9.0	13.4





#23

Vinyl Acetate

Concen: 48.08 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW003946.D

Acq: 16 Jul 2018 12:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 284867

Ion Ratio Lower Upper

43 100

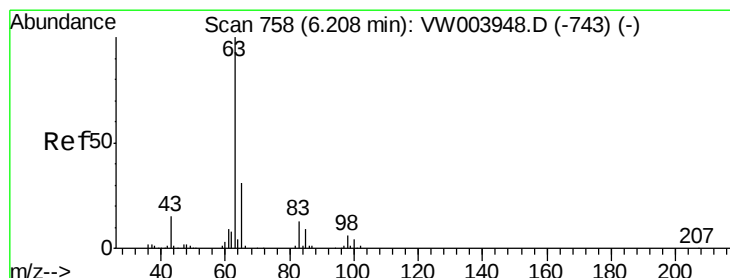
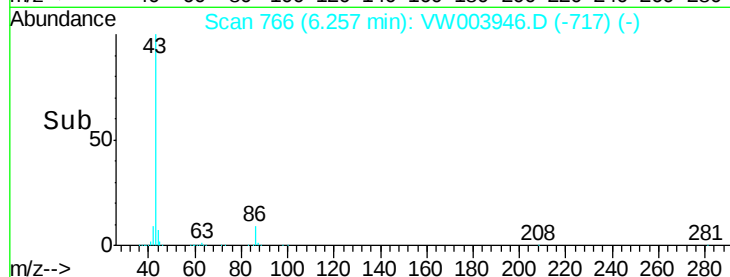
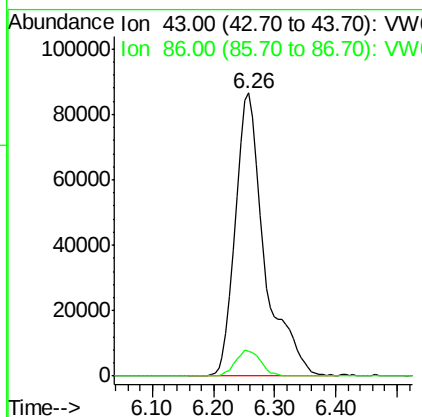
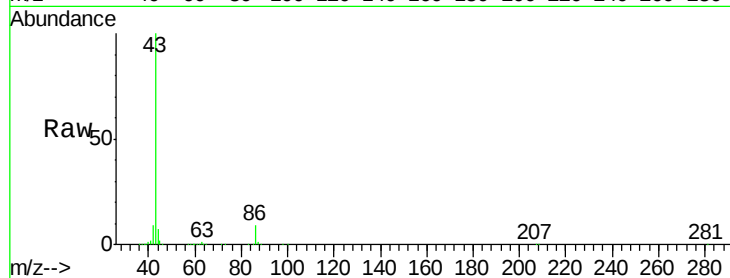
86 9.0 7.6 11.4

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#24

1,1-Dichloroethane

Concen: 10.07 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.00 min

Lab File: VW003946.D

Acq: 16 Jul 2018 12:23

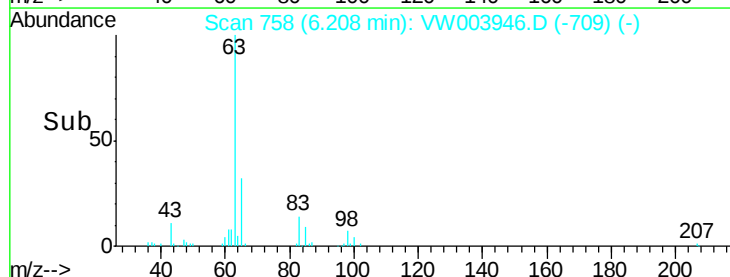
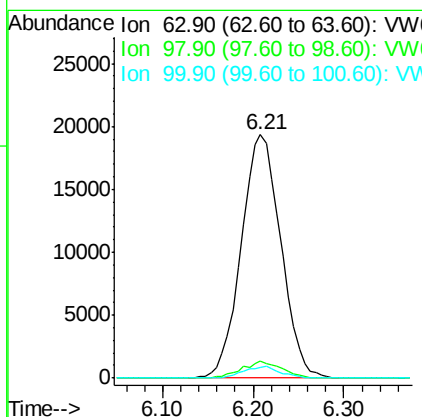
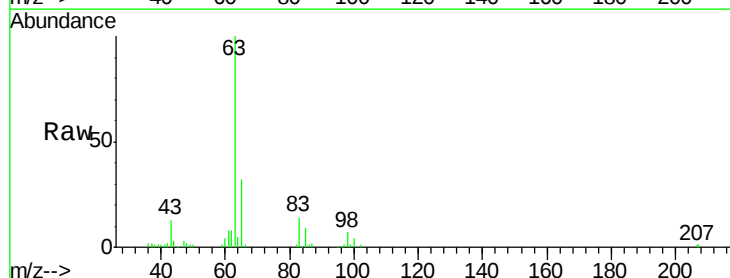
Tgt Ion: 63 Resp: 58349

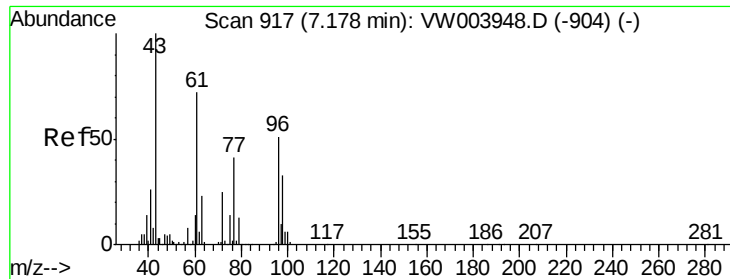
Ion Ratio Lower Upper

63 100

98 7.0 3.1 9.4

100 4.1 2.1 6.5





#25

2-Butanone

Concen: 51.19 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.00 min

Lab File: VW003946.D

Acq: 16 Jul 2018 12:23

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 43 Resp: 50297

Ion Ratio Lower Upper

43 100

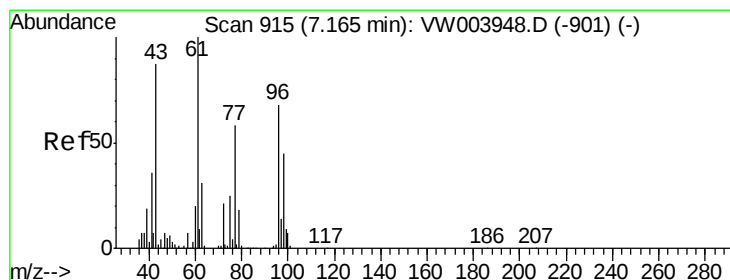
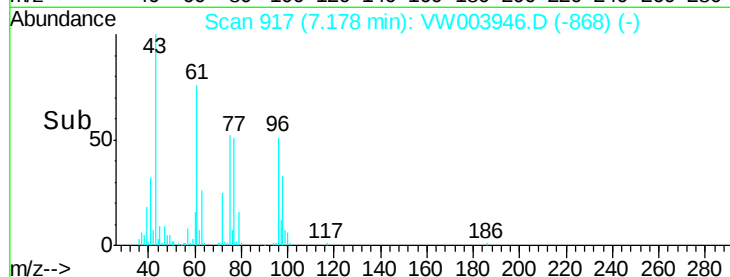
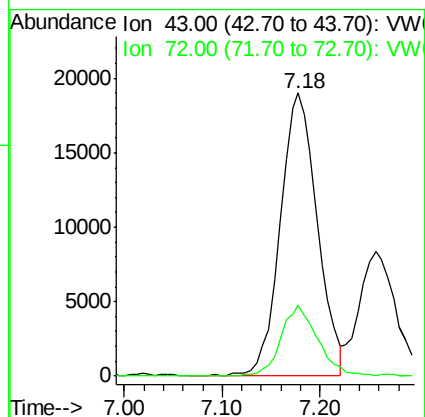
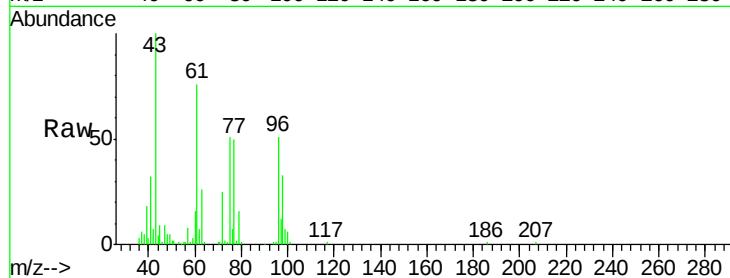
72 25.2 19.8 29.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 10.96 ug/l

RT: 7.16 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW003946.D

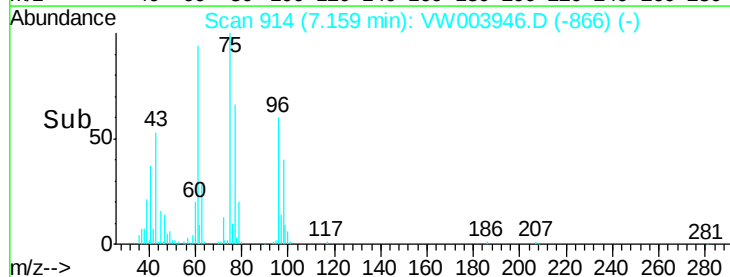
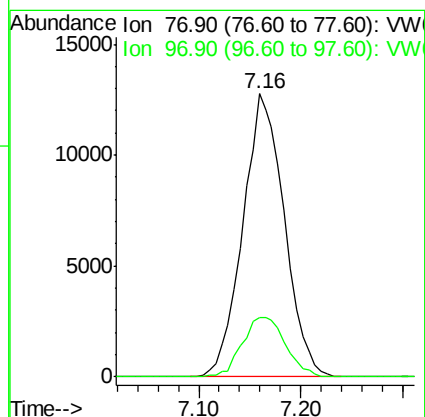
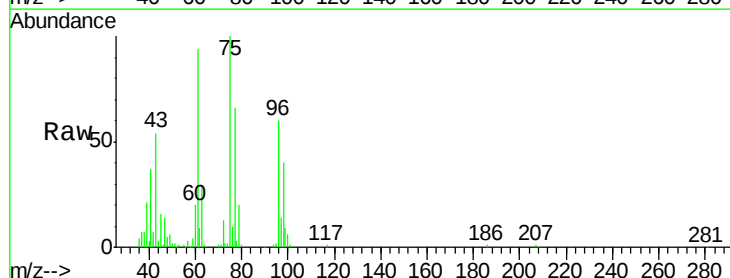
Acq: 16 Jul 2018 12:23

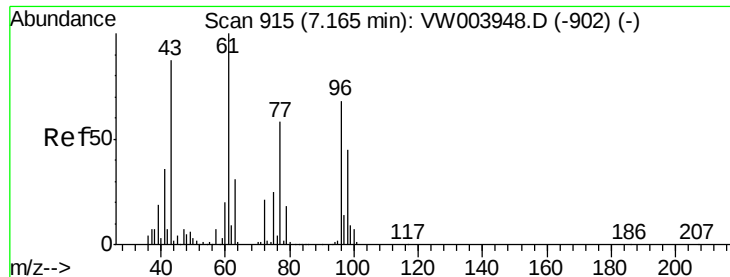
Tgt Ion: 77 Resp: 36015

Ion Ratio Lower Upper

77 100

97 22.0 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 9.98 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW003946.D

Acq: 16 Jul 2018 12:23

Instrument :

MSVOA_W

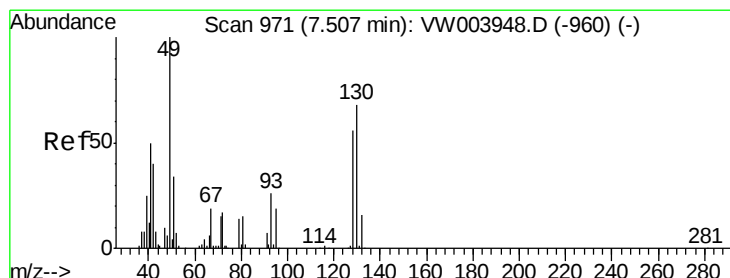
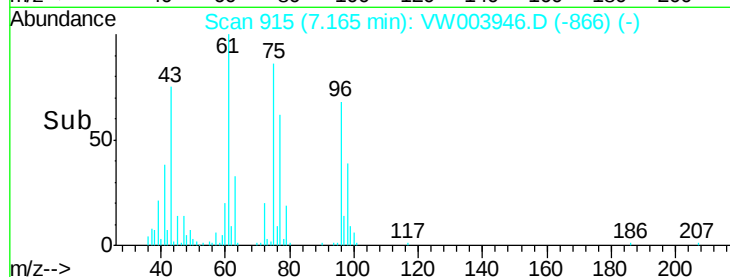
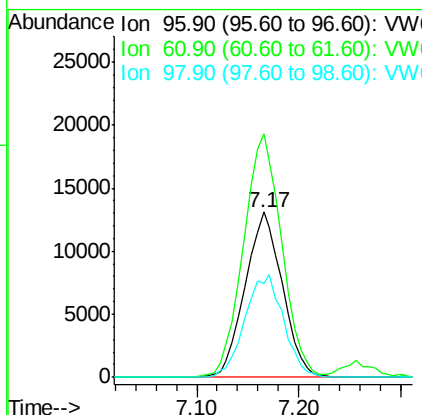
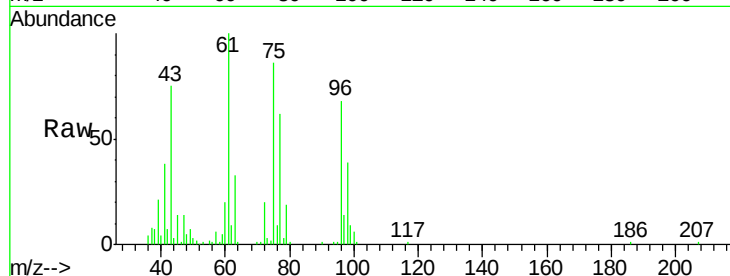
ClientSampled :

VSTDIC010

Tot Ion:	96	Resp:	33313
Ion Ratio	Lower	Upper	
96	100		
61	150.6	0.0	298.6
98	64.2	0.0	130.4

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#28

Bromochloromethane

Concen: 9.80 ug/l

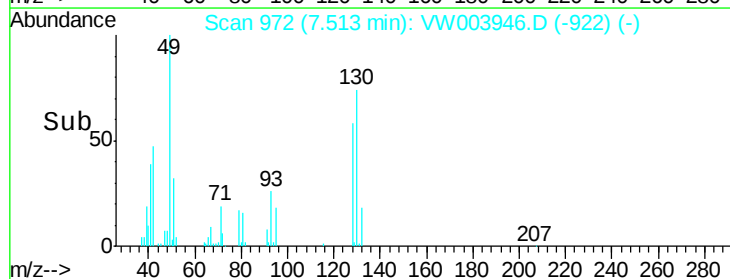
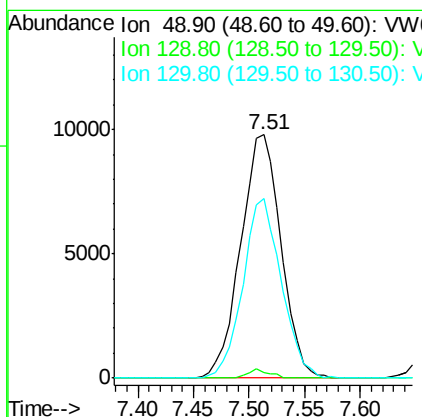
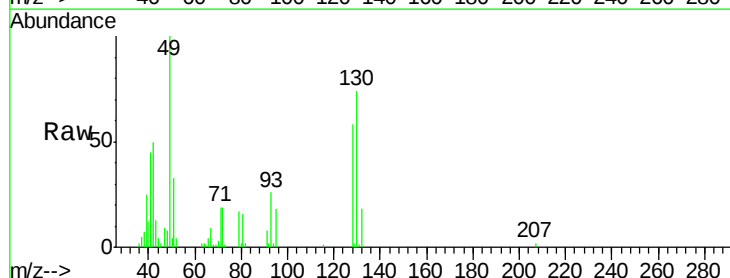
RT: 7.51 min Scan# 972

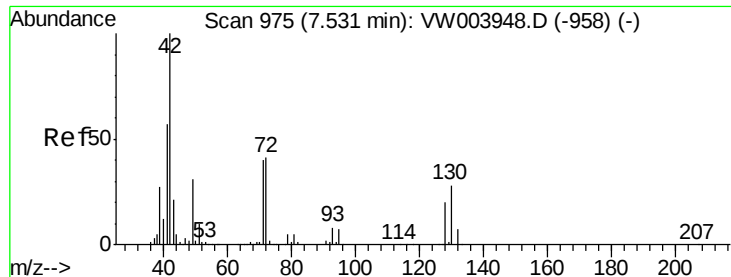
Delta R.T. 0.01 min

Lab File: VW003946.D

Acq: 16 Jul 2018 12:23

Tgt Ion:	49	Resp:	24663
Ion Ratio	Lower	Upper	
49	100		
129	1.8	0.0	2.2
130	70.1	58.3	87.5





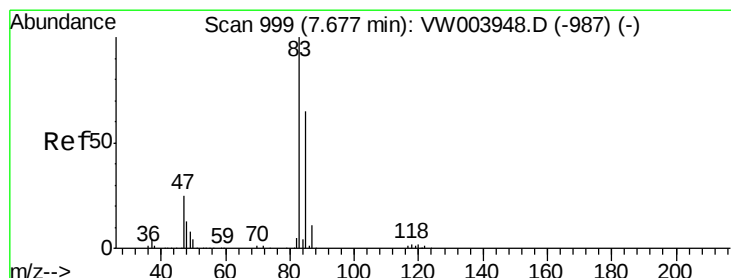
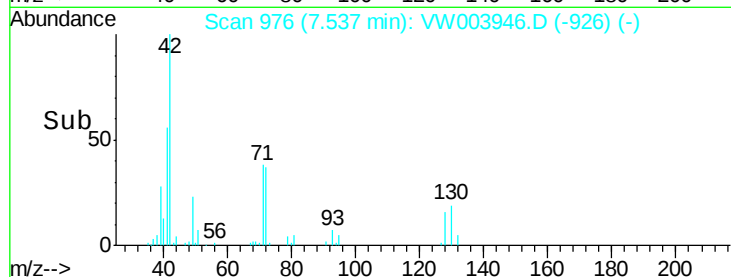
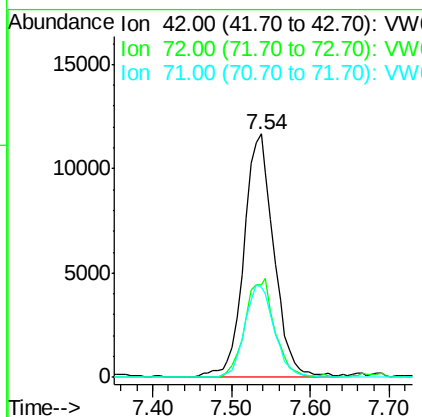
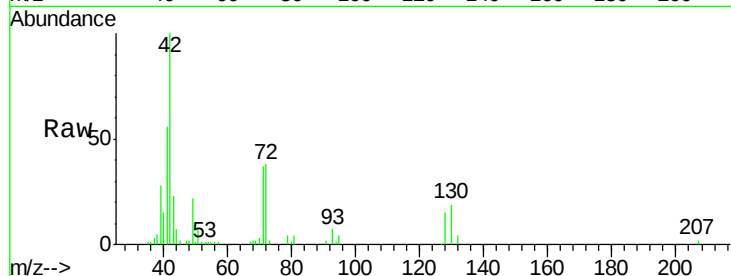
#29
Tetrahydrofuran
Concen: 49.86 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.01 min
Lab File: VW003946.D
Acq: 16 Jul 2018 12:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.4	32.6	48.8
71	36.9	30.5	45.7

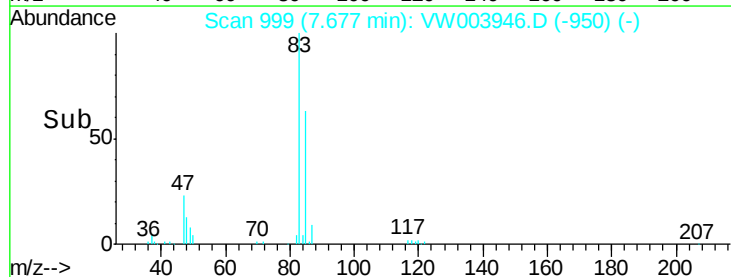
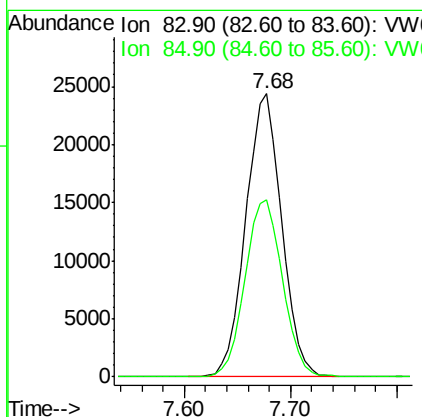
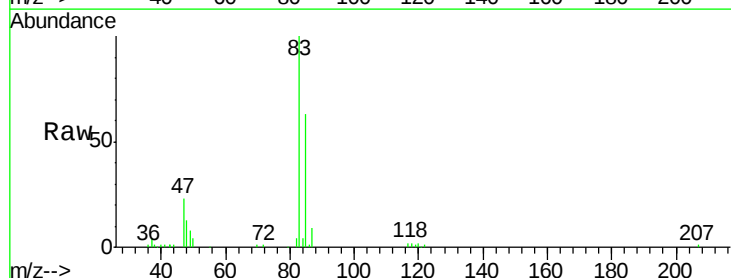
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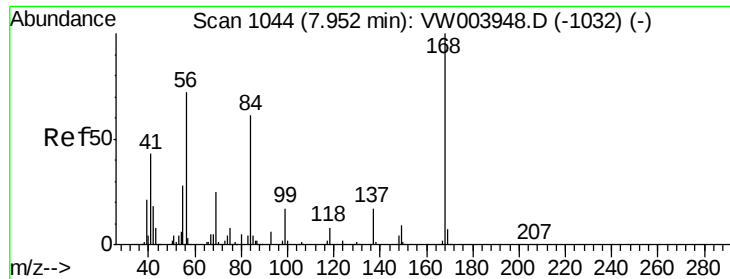
apatel
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#30
Chloroform
Concen: 9.92 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW003946.D
Acq: 16 Jul 2018 12:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.5	52.2	78.4





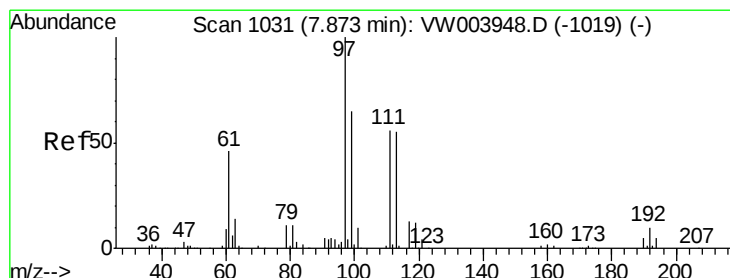
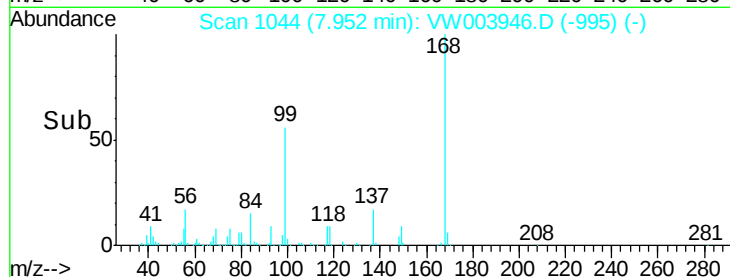
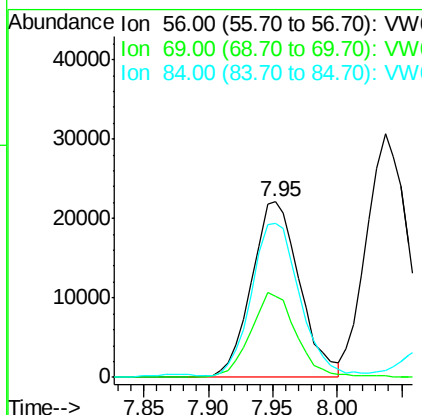
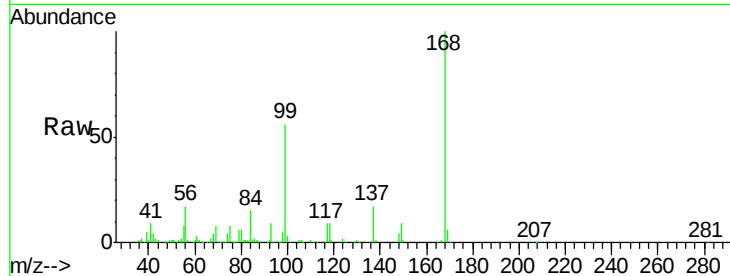
#31
Cvclohexane
Concen: 10.73 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW003946.D
Acq: 16 Jul 2018 12:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	45.9	27.8	41.8#	
84	86.7	67.2	100.8	

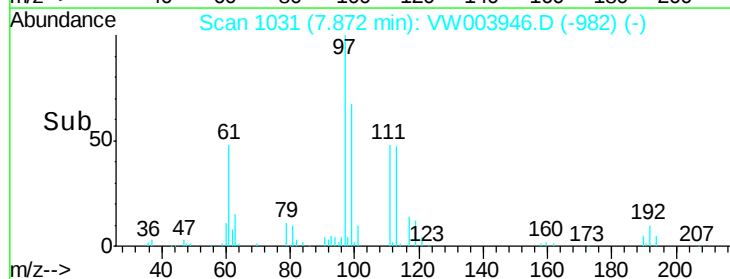
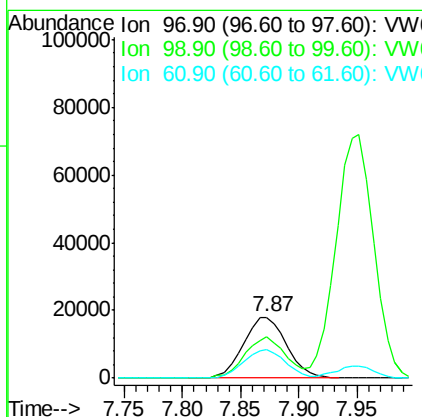
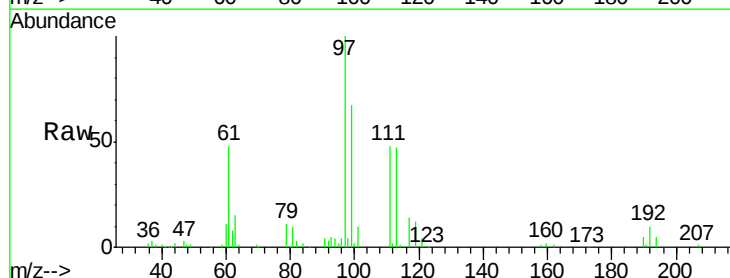
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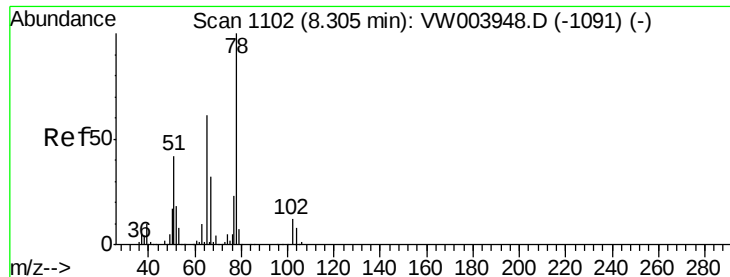
apatel
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#32
1,1,1-Trichloroethane
Concen: 10.20 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW003946.D
Acq: 16 Jul 2018 12:23

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	63.8	51.3	76.9	
61	45.6	36.8	55.2	





#33

1,2-Dichloroethane-d4

Concen: 9.10 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW003946.D

Acq: 16 Jul 2018 12:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 65 Resp: 30324

Ion Ratio Lower Upper

65 100

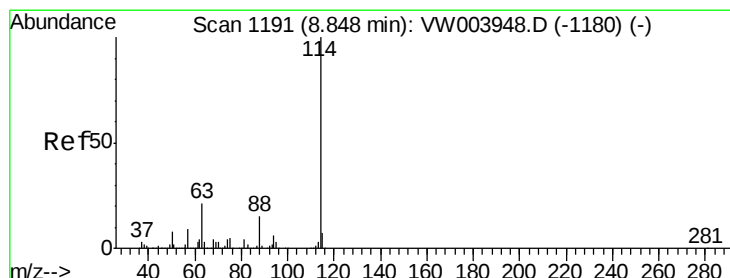
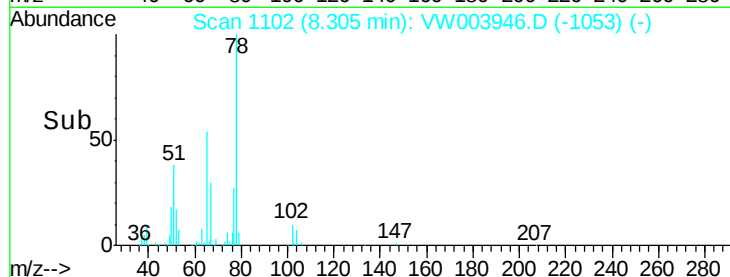
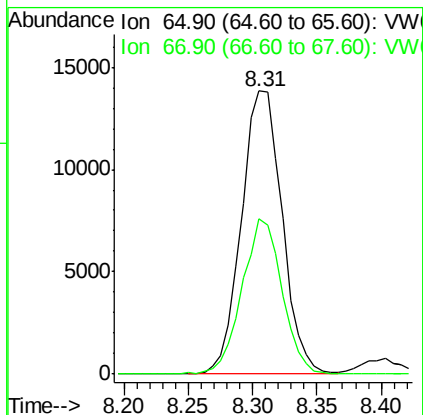
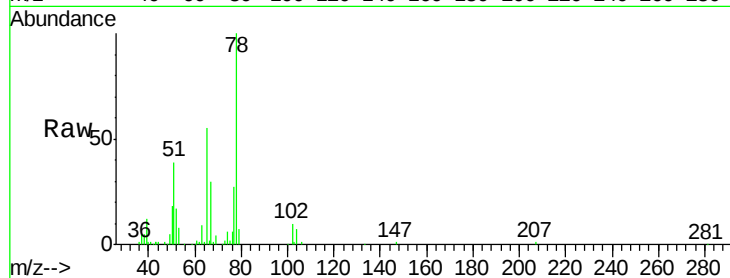
67 53.7 0.0 105.0

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.84 min Scan# 1190

Delta R.T. -0.01 min

Lab File: VW003946.D

Acq: 16 Jul 2018 12:23

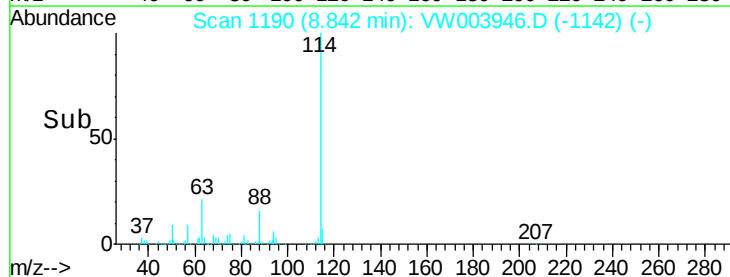
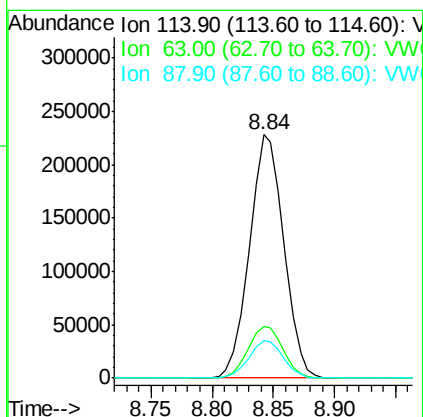
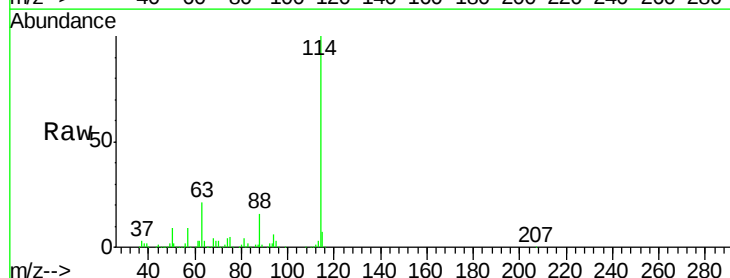
Tgt Ion: 114 Resp: 445570

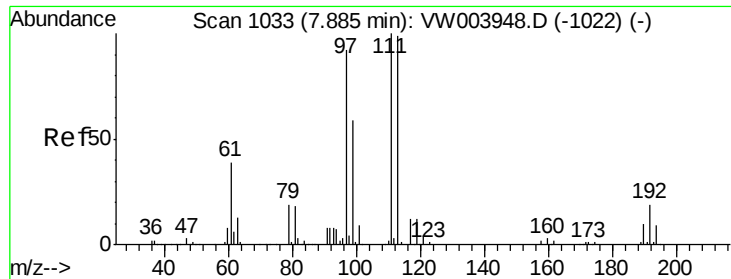
Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.8

88 15.6 0.0 30.4





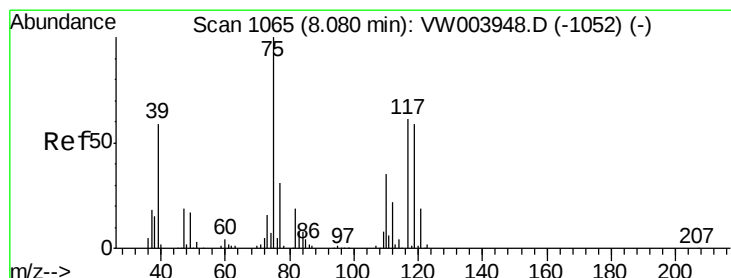
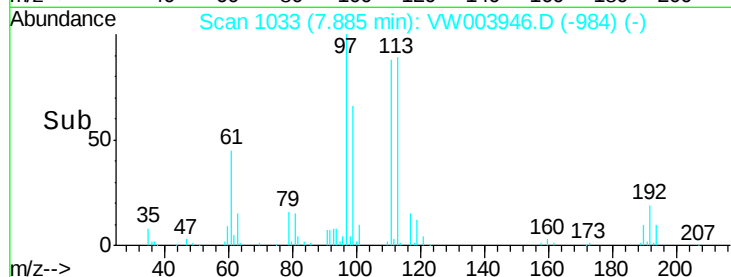
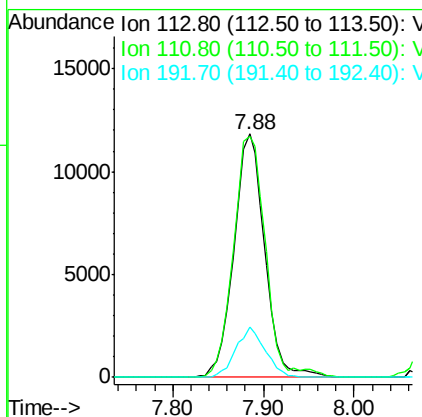
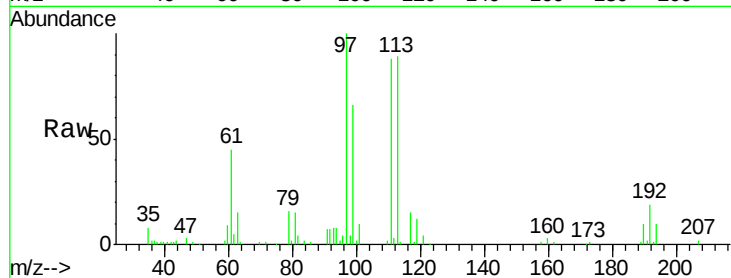
#35
 Dibromofluoromethane
 Concen: 9.45 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003946.D
 Acq: 16 Jul 2018 12:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.3	121.9
192	19.7	15.8	23.6

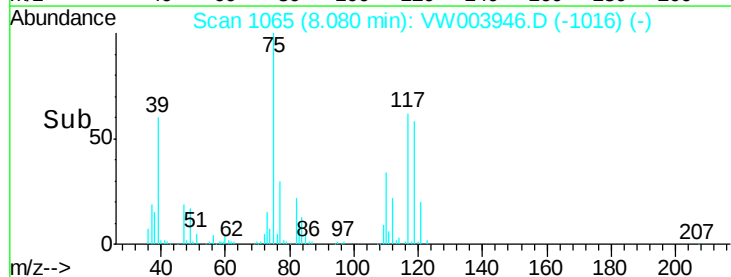
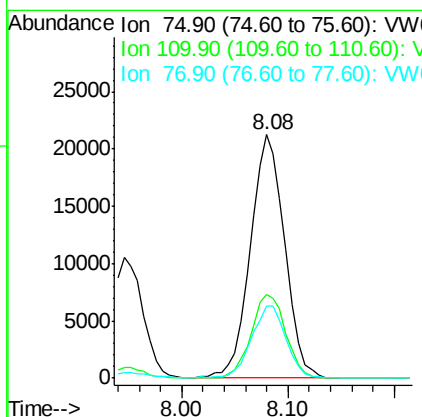
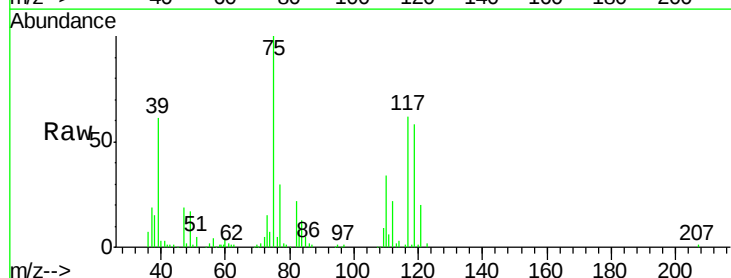
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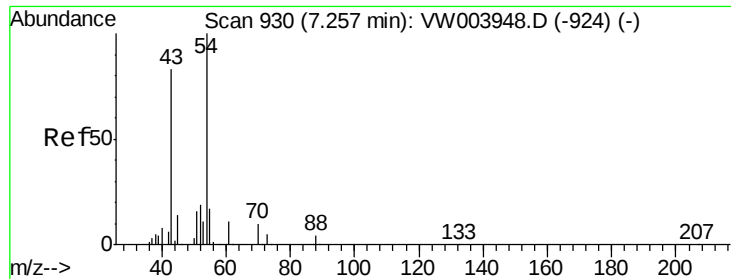
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#36
 1,1-Dichloropropene
 Concen: 10.30 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW003946.D
 Acq: 16 Jul 2018 12:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.6	17.0	51.0
77	30.2	24.9	37.3





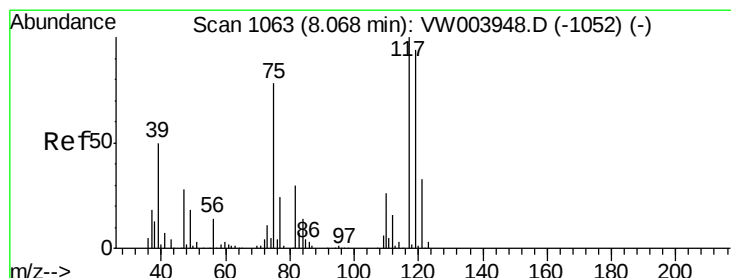
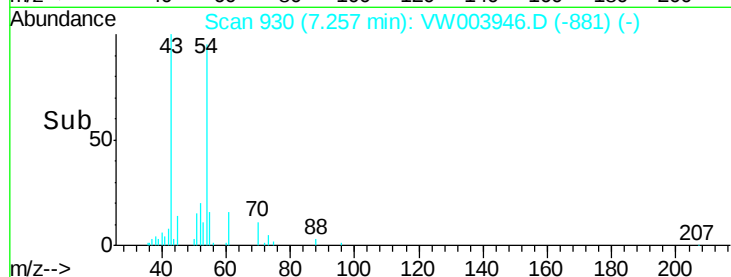
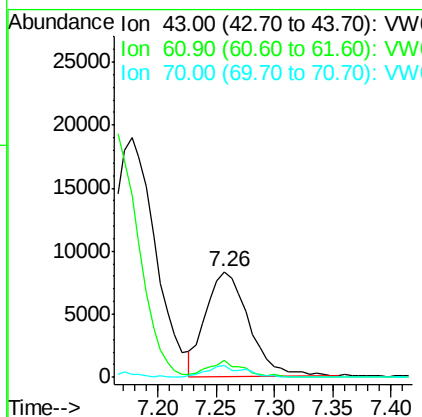
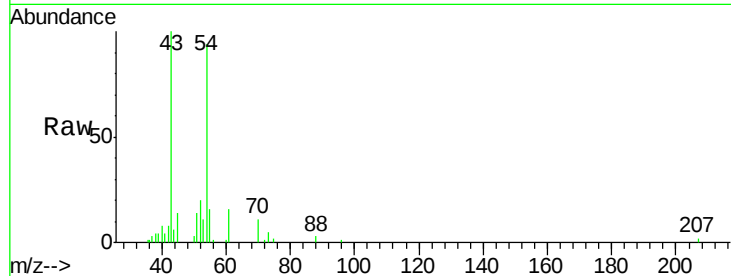
#37
Ethyl Acetate
Concen: 9.79 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW003946.D
Acq: 16 Jul 2018 12:23

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.7	16.1
70	10.0	7.7	11.5

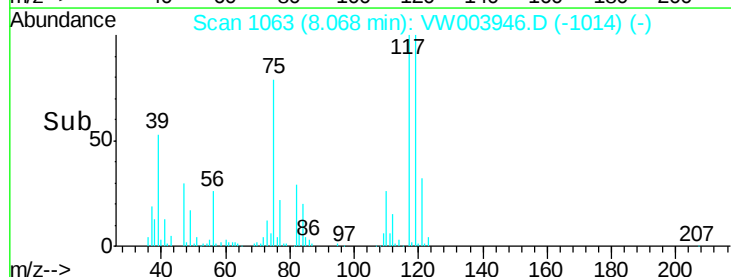
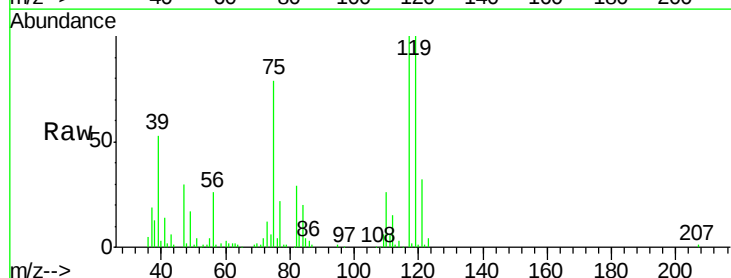
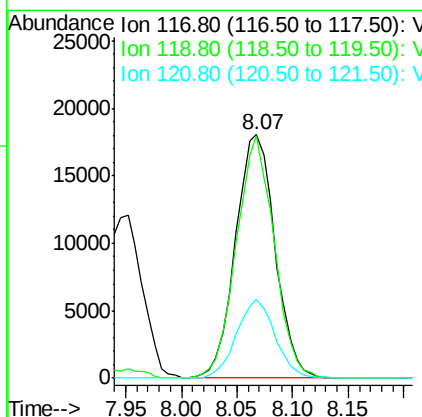
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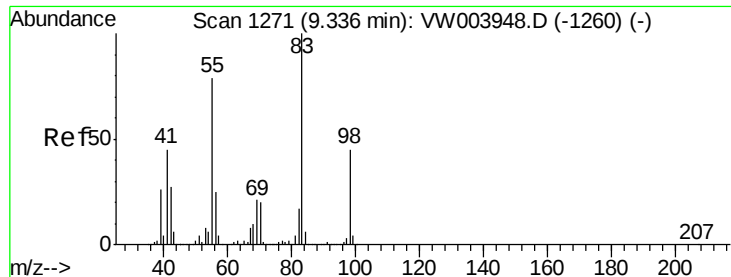
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#38
Carbon Tetrachloride
Concen: 10.23 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW003946.D
Acq: 16 Jul 2018 12:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.6	75.3	112.9
121	32.5	26.0	39.0





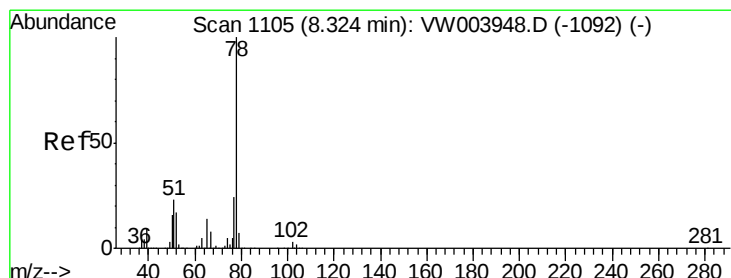
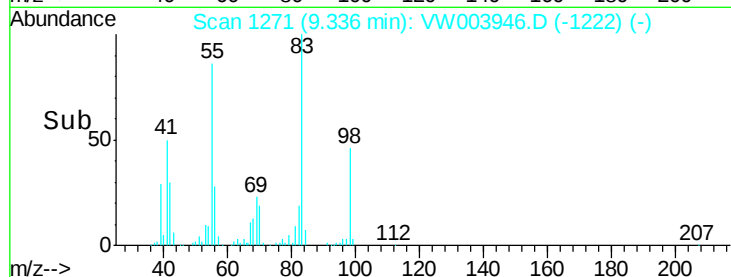
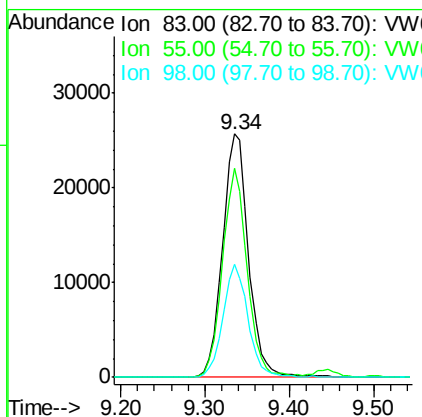
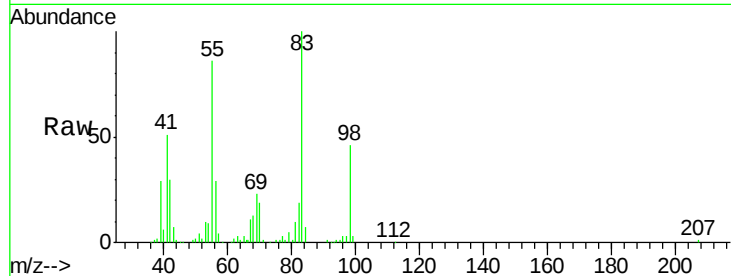
#39
Methvlcvclohexane
Concen: 10.28 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW003946.D
Acq: 16 Jul 2018 12:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	83	Resp	54341
Ion	Ratio	Lower	Upper
83	100		
55	85.6	62.8	94.2
98	46.2	36.2	54.4

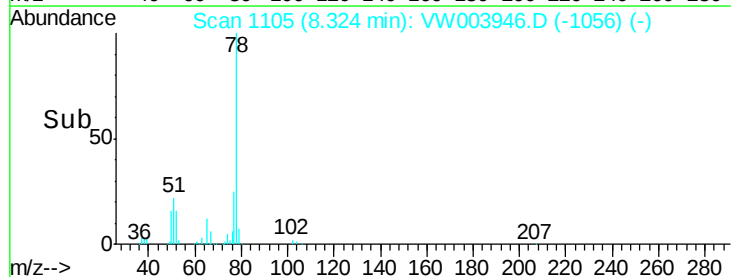
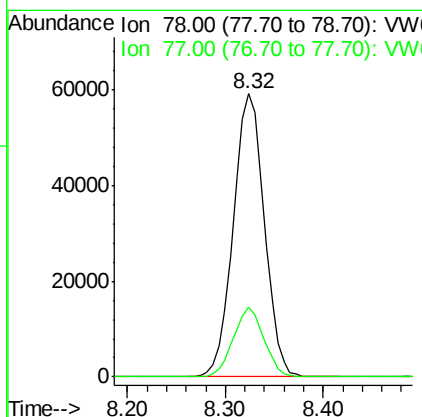
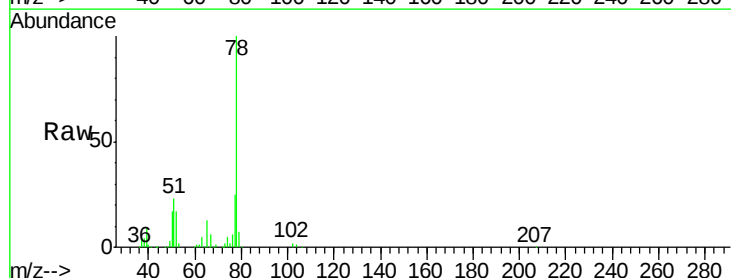
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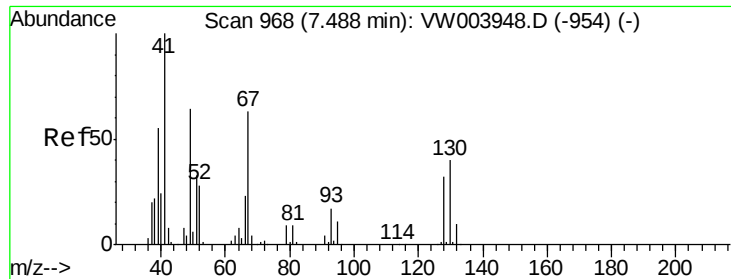
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#40
Benzene
Concen: 10.05 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW003946.D
Acq: 16 Jul 2018 12:23

Tgt Ion	78	Resp	130507
Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.5	29.3





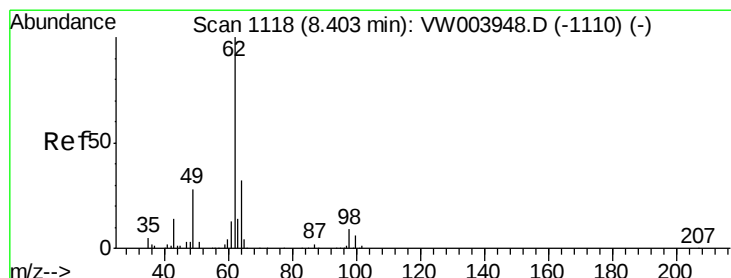
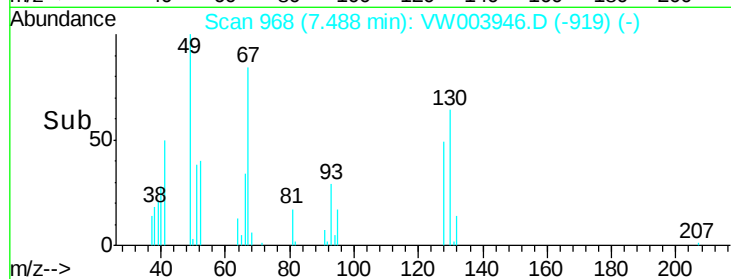
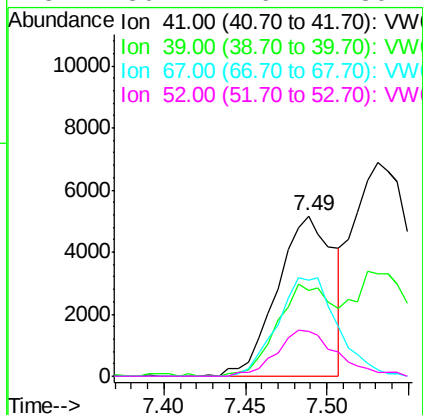
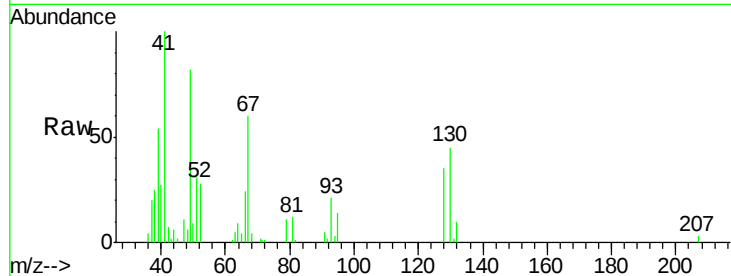
#41
Methacrylonitrile
Concen: 10.03 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW003946.D
Acq: 16 Jul 2018 12:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion:	41	Resp:	12428
Ion	Ratio	Lower	Upper
41	100		
39	56.8	50.0	75.0
67	65.4	60.8	91.2
52	30.4	26.2	39.4

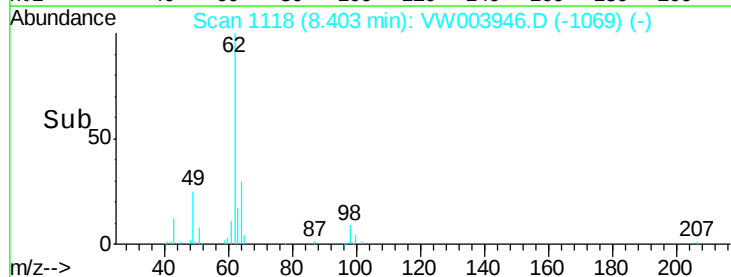
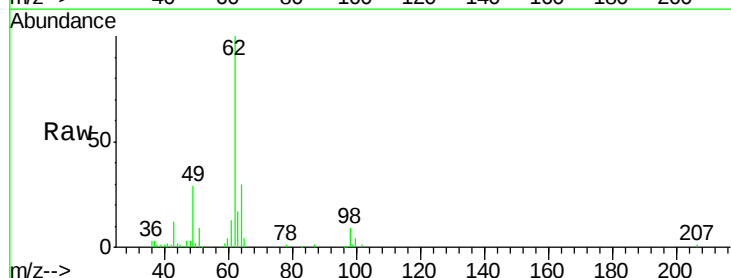
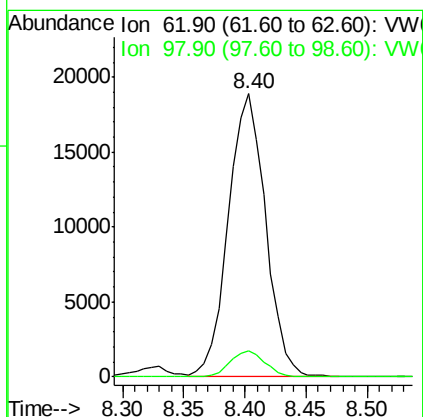
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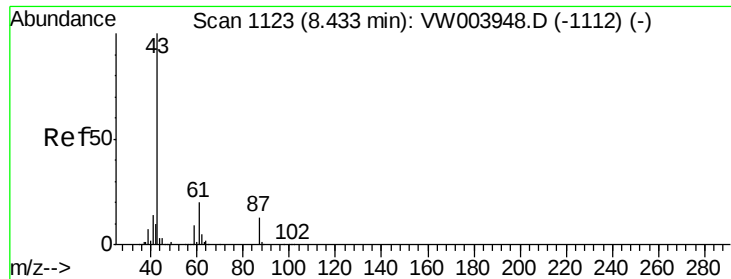
apatel
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#42
1,2-Dichloroethane
Concen: 9.98 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW003946.D
Acq: 16 Jul 2018 12:23

Tgt Ion:	62	Resp:	39942
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.4





#43

Isopropyl Acetate

Concen: 9.60 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW003946.D

Acq: 16 Jul 2018 12:23

Instrument :

MSVOA_W

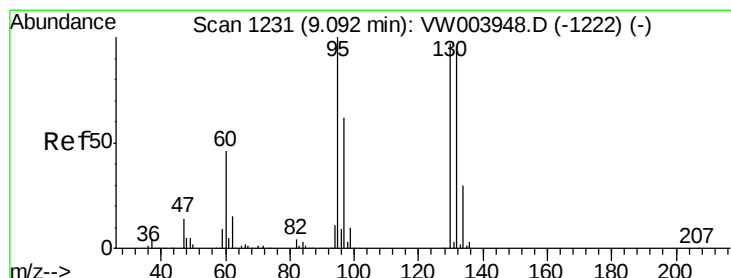
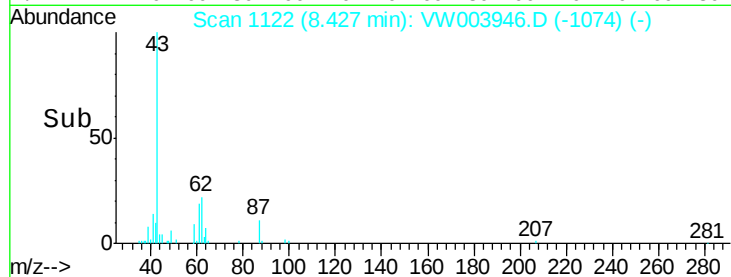
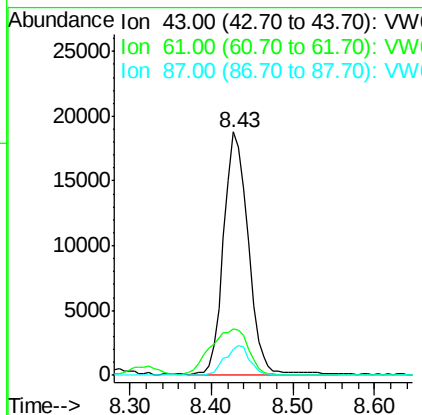
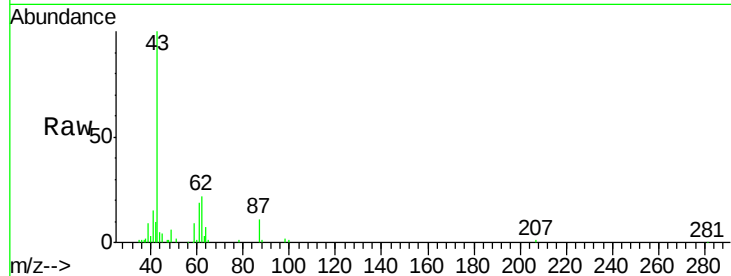
ClientSampleId :

VSTDIC010

Tot Ion:	43	Resp:	39015
Ion Ratio	Lower	Upper	
43	100		
61	29.8	23.0	34.6
87	12.3	9.9	14.9

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#44

Trichloroethene

Concen: 10.32 ug/l

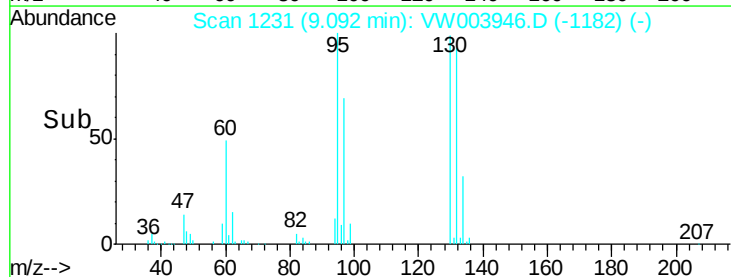
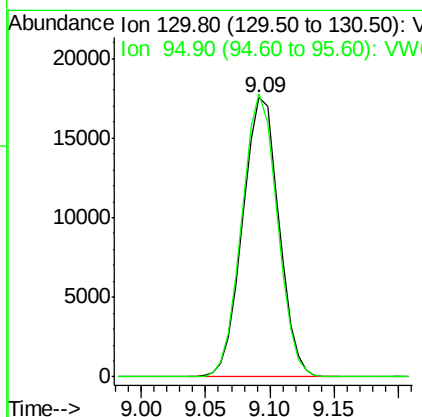
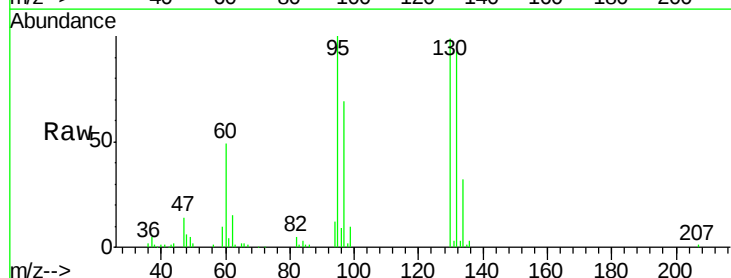
RT: 9.09 min Scan# 1231

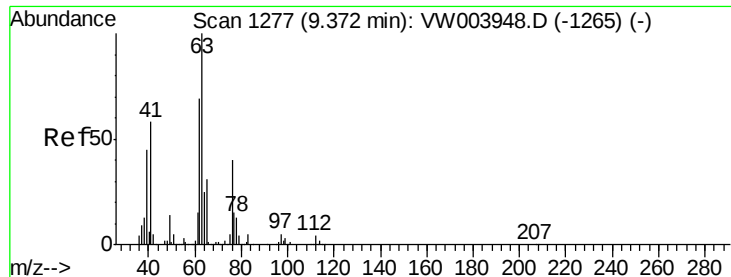
Delta R.T. -0.00 min

Lab File: VW003946.D

Acq: 16 Jul 2018 12:23

Tgt Ion:	130	Resp:	34204
Ion Ratio	Lower	Upper	
130	100		
95	101.3	0.0	206.8





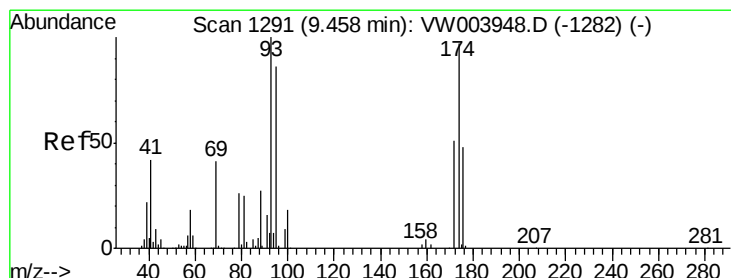
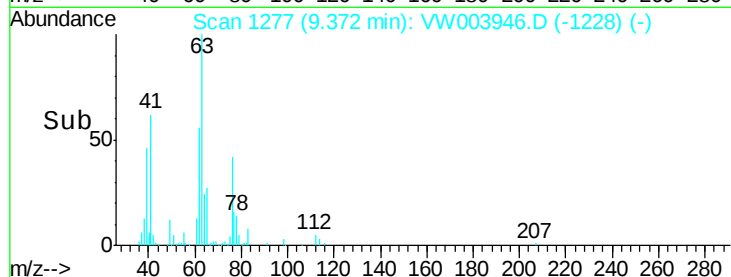
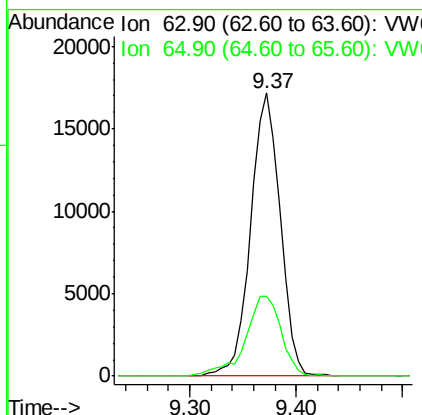
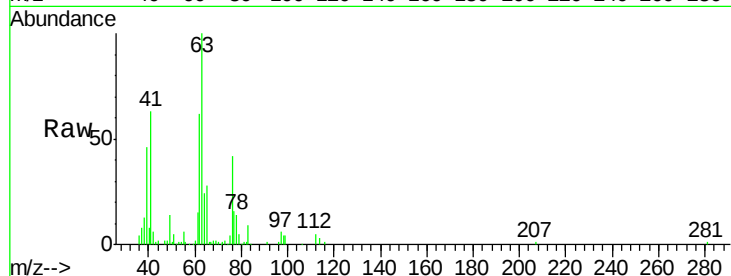
#45
 1,2-Dichloropropane
 Concen: 10.07 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW003946.D
 Acq: 16 Jul 2018 12:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.3	24.8	37.2

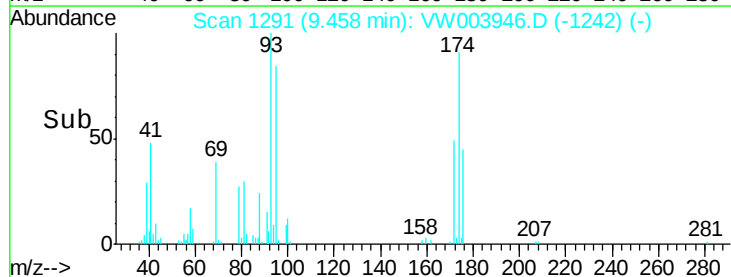
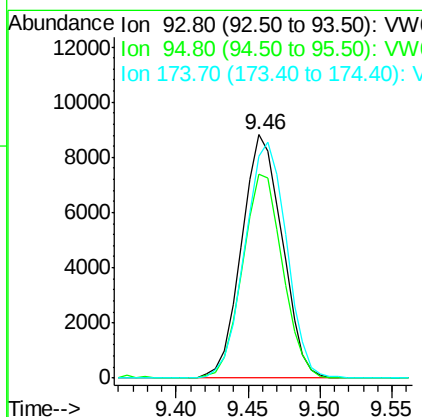
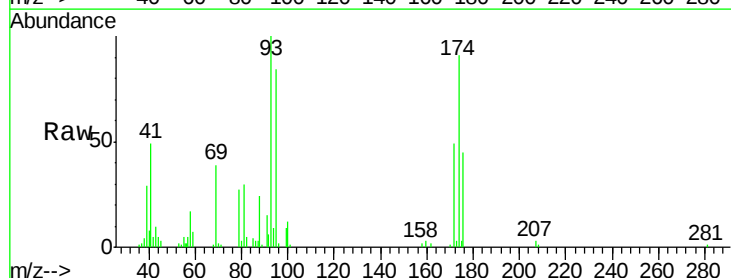
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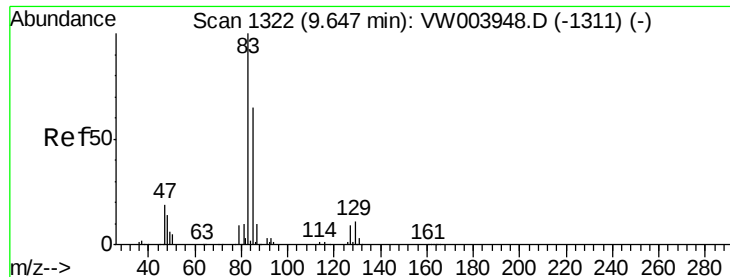
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#46
 Dibromomethane
 Concen: 10.06 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: VW003946.D
 Acq: 16 Jul 2018 12:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	66.9	100.3
174	99.3	80.2	120.2





#47

Bromodichloromethane

Concen: 9.83 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW003946.D

Acq: 16 Jul 2018 12:23

Instrument :

MSVOA_W

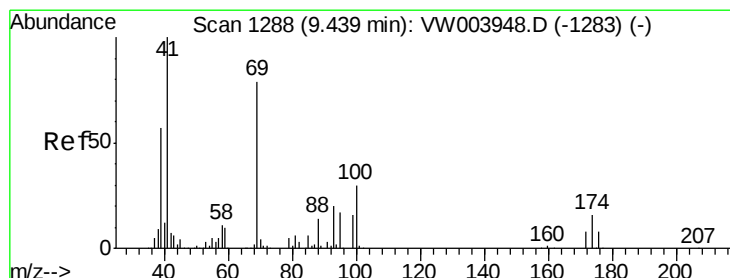
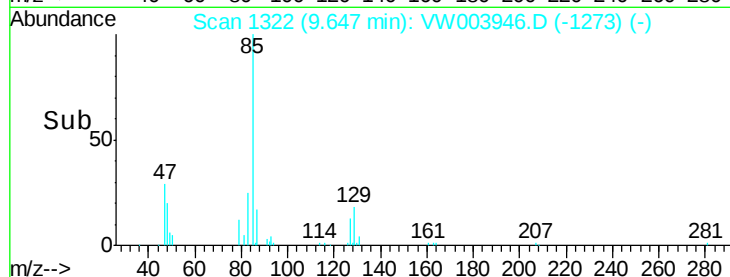
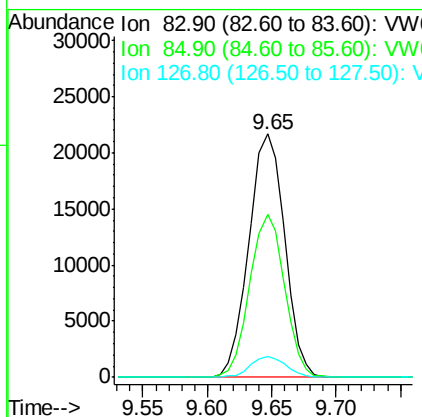
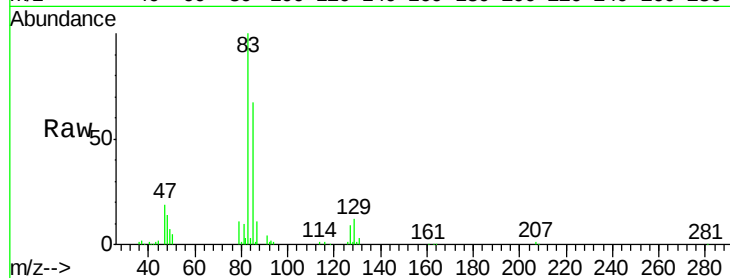
ClientSampled :

VSTDIC010

Tot Ion:	83	Resp:	41780
Ion	Ratio	Lower	Upper
83	100		
85	66.7	52.2	78.2
127	8.8	7.0	10.4

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#48

Methyl methacrylate

Concen: 9.18 ug/l

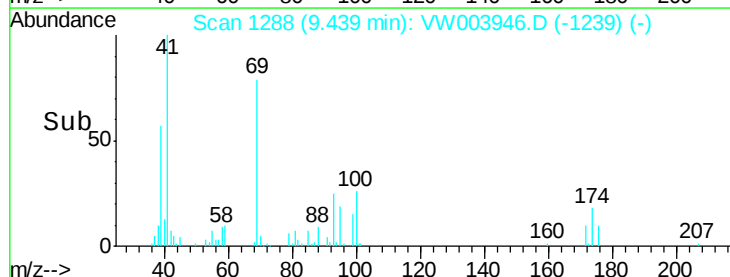
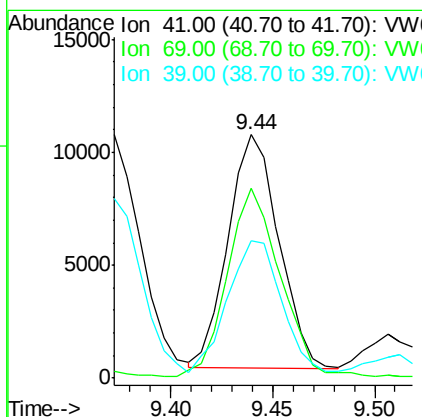
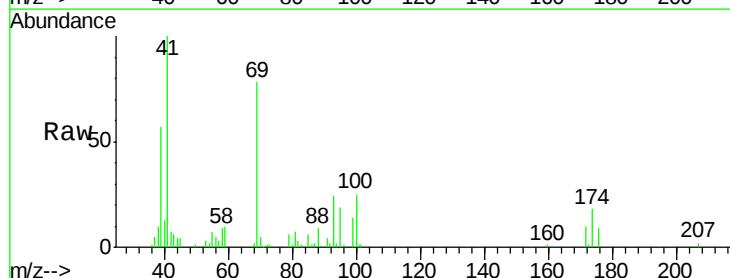
RT: 9.44 min Scan# 1288

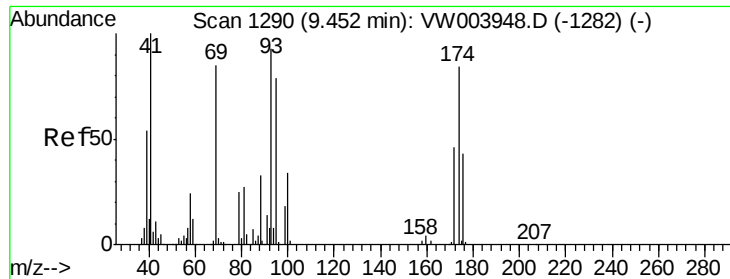
Delta R.T. -0.00 min

Lab File: VW003946.D

Acq: 16 Jul 2018 12:23

Tgt Ion:	41	Resp:	17868
Ion	Ratio	Lower	Upper
41	100		
69	85.0	67.0	100.6
39	63.9	48.8	73.2





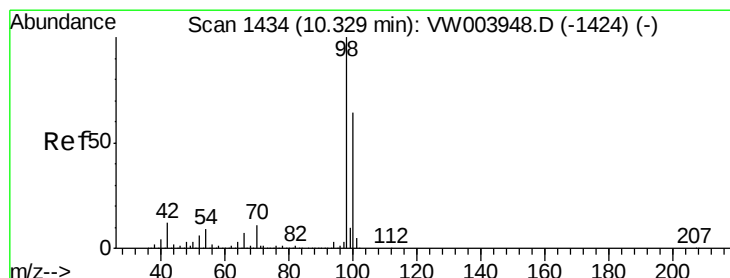
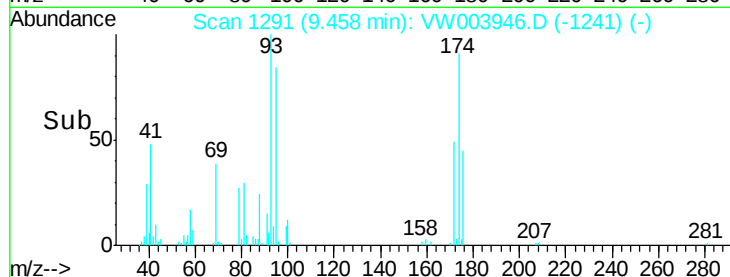
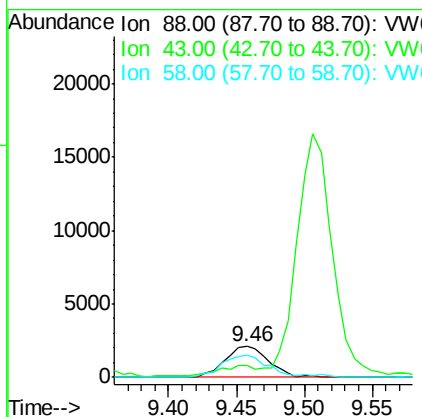
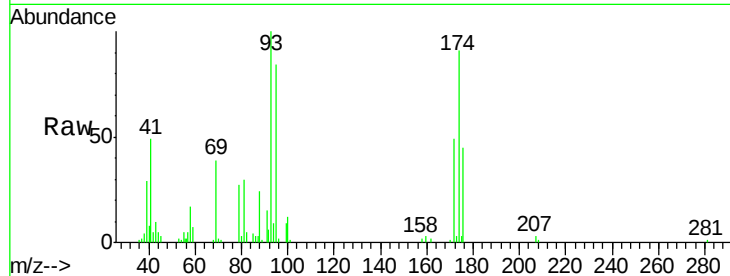
#49
1,4-Dioxane
Concen: 180.61 ug/l
RT: 9.46 min Scan# 1291
Delta R.T. 0.01 min
Lab File: VW003946.D
Acq: 16 Jul 2018 12:23

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	88	Resp	4699
Ion Ratio	Lower	Upper	
88	100		
43	28.8	27.3	40.9
58	73.7	61.1	91.7

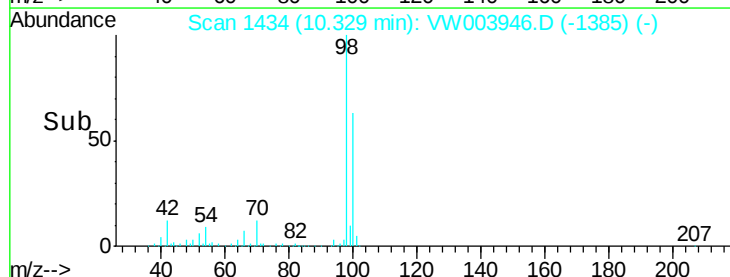
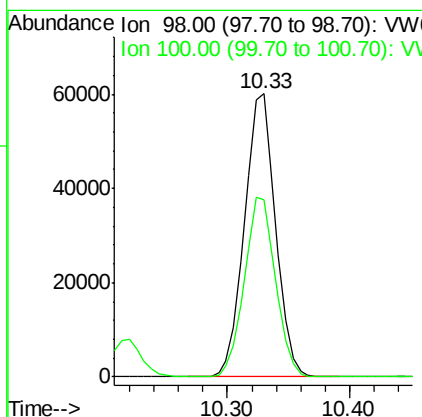
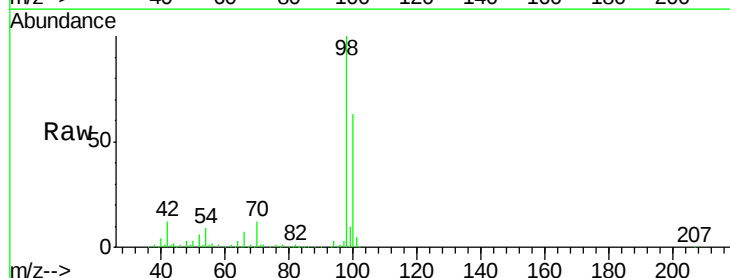
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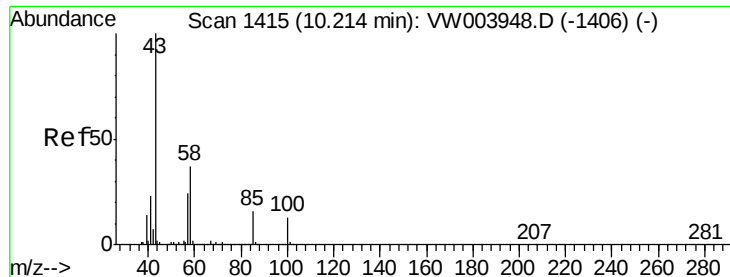
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#50
Toluene-d8
Concen: 9.25 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW003946.D
Acq: 16 Jul 2018 12:23

Tgt Ion	98	Resp	106022
Ion Ratio	Lower	Upper	
98	100		
100	63.6	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 47.78 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW003946.D

Acq: 16 Jul 2018 12:23

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 43 Resp: 103238

Ion Ratio Lower Upper

43 100

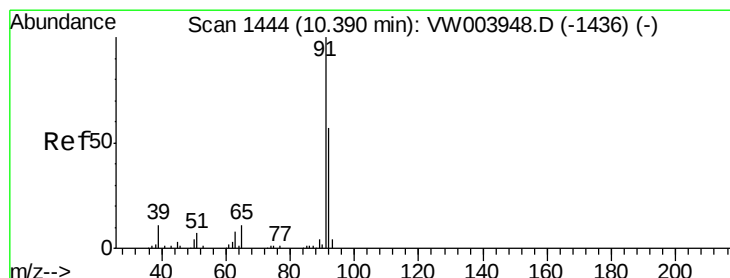
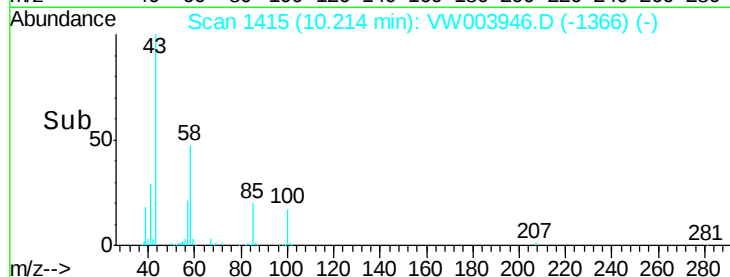
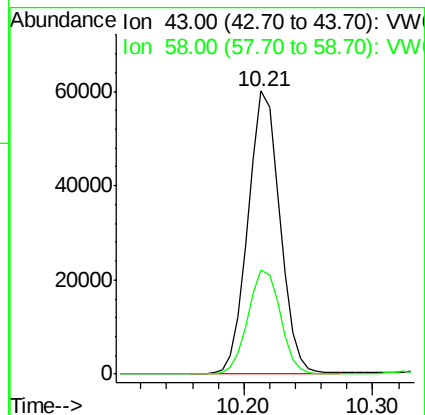
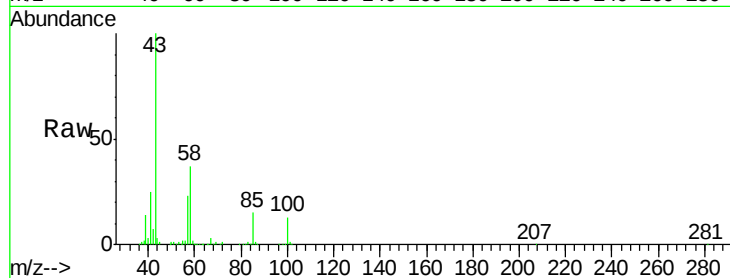
58 37.3 29.9 44.9

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#52

Toluene

Concen: 10.01 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW003946.D

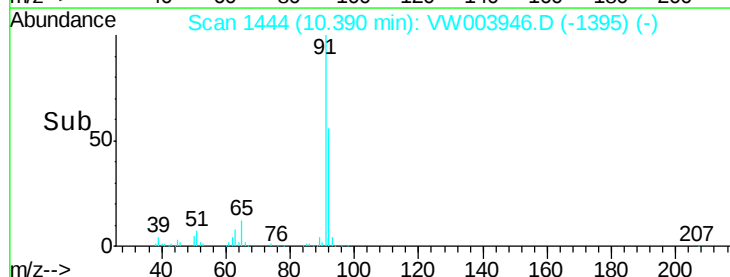
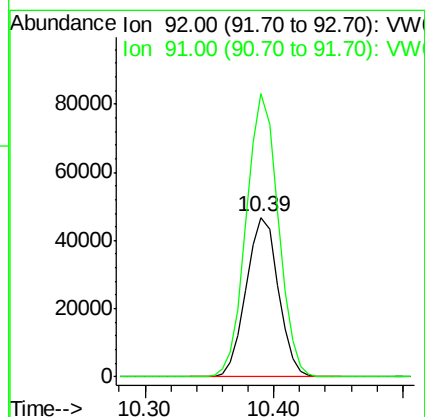
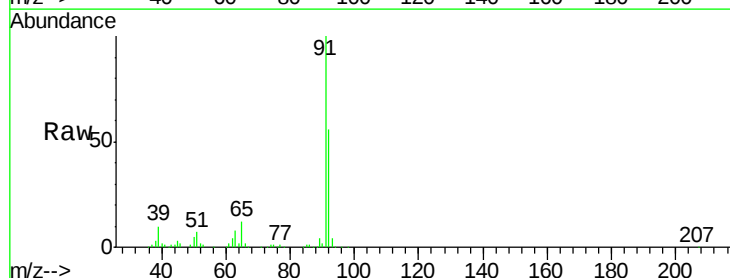
Acq: 16 Jul 2018 12:23

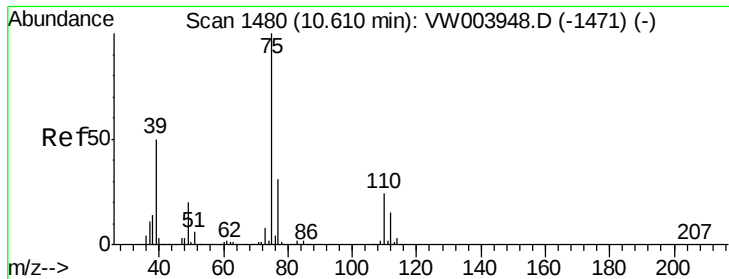
Tgt Ion: 92 Resp: 80908

Ion Ratio Lower Upper

92 100

91 175.7 139.6 209.4





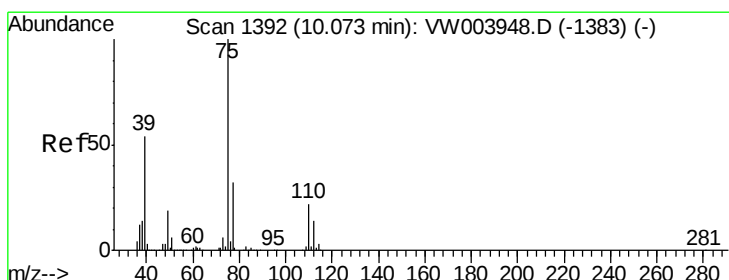
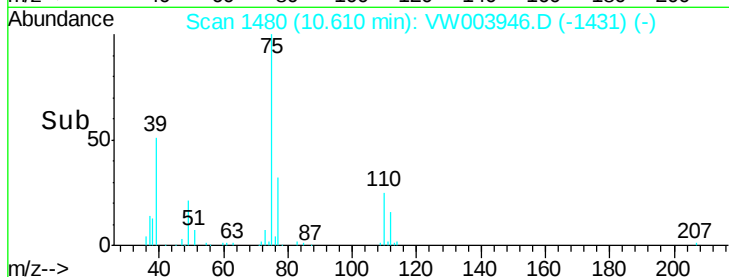
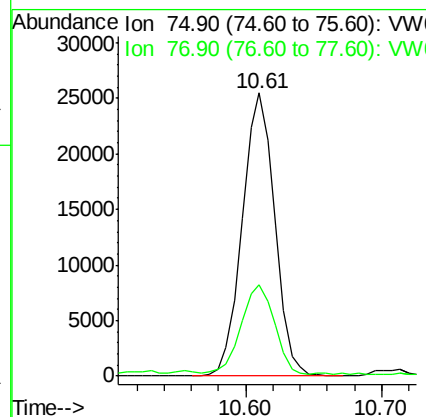
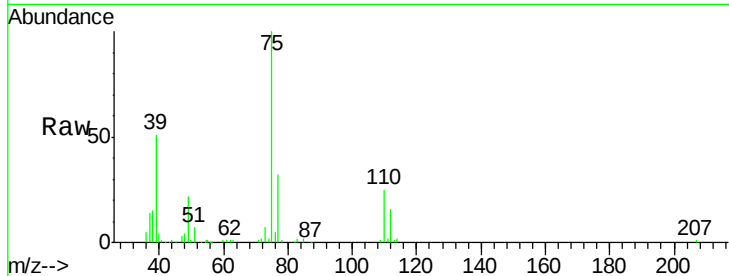
#53
t-1,3-Dichloropropene
Concen: 9.76 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VW003946.D
Acq: 16 Jul 2018 12:23

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion: 75 Resp: 42510
Ion Ratio Lower Upper
75 100
77 31.4 25.2 37.8

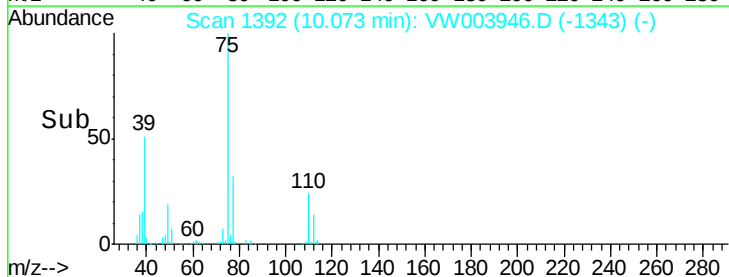
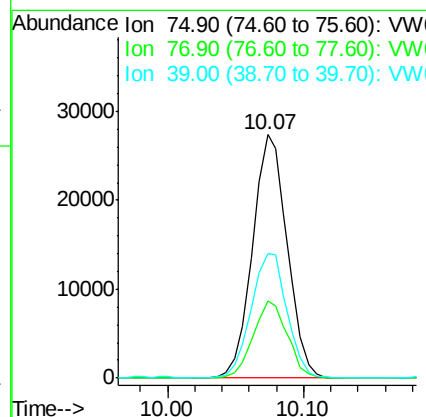
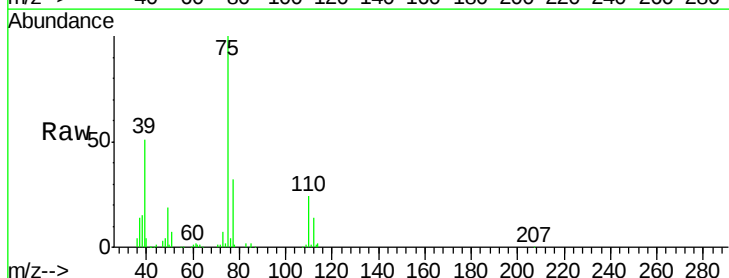
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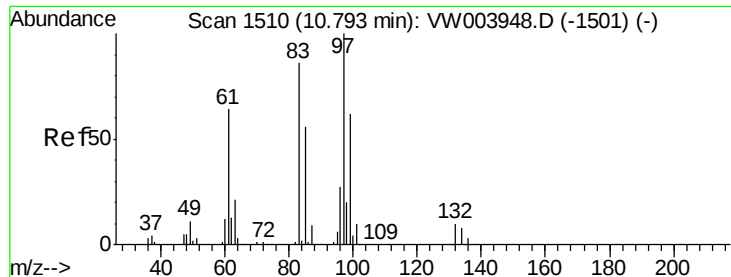
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#54
cis-1,3-Dichloropropene
Concen: 9.78 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW003946.D
Acq: 16 Jul 2018 12:23

Tgt Ion: 75 Resp: 48735
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2
39 51.1 43.0 64.6





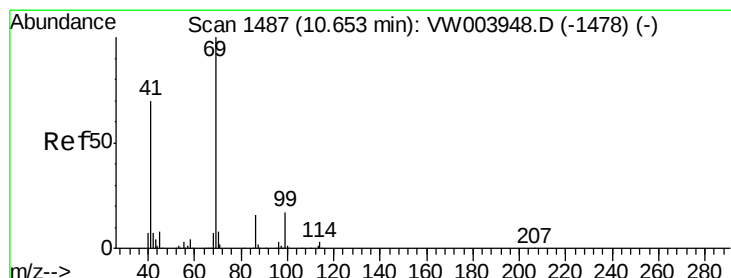
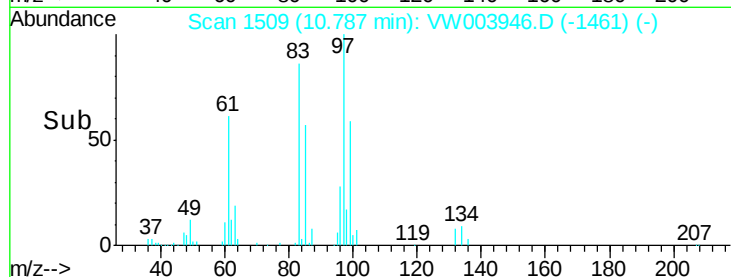
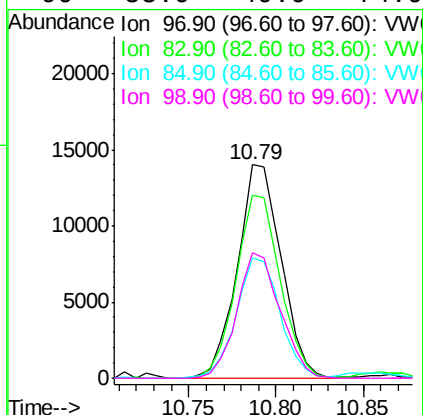
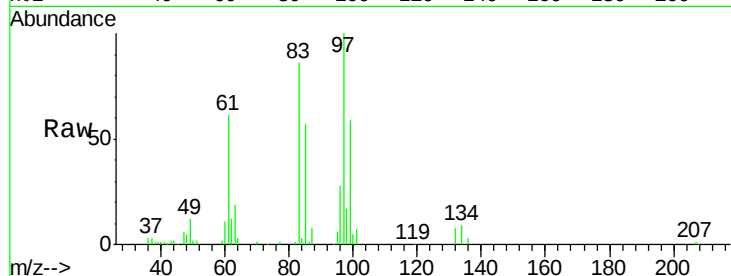
#55
 1,1,2-Trichloroethane
 Concen: 10.12 ug/l
 RT: 10.79 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VW003946.D
 Acq: 16 Jul 2018 12:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion:	97	Resp:	24471
Ion	Ratio	Lower	Upper
97	100		
83	85.6	69.0	103.4
85	56.1	45.0	67.6
99	58.9	49.9	74.9

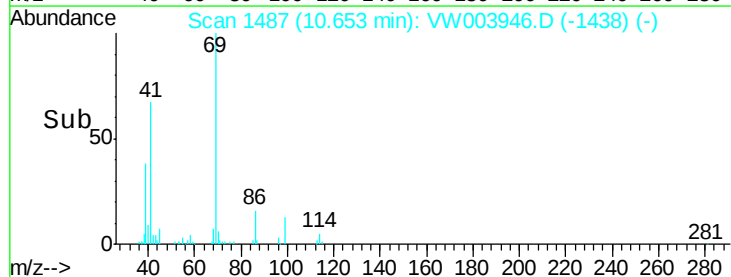
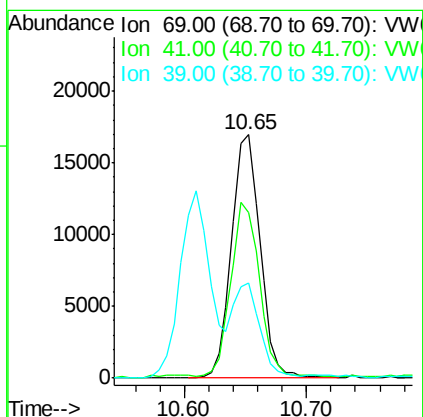
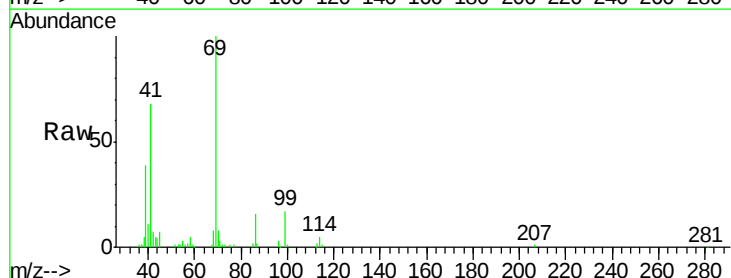
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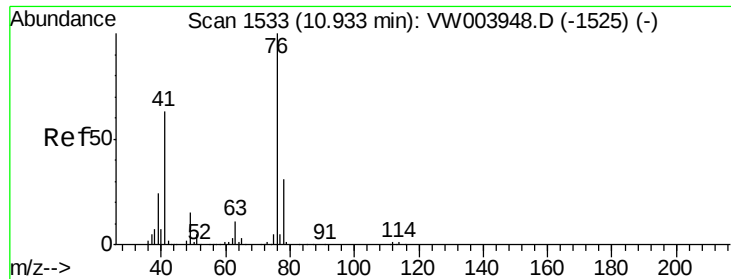
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#56
 Ethyl methacrylate
 Concen: 9.08 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW003946.D
 Acq: 16 Jul 2018 12:23

Tgt Ion:	69	Resp:	27483
Ion	Ratio	Lower	Upper
69	100		
41	71.5	56.5	84.7
39	34.9	30.2	45.4





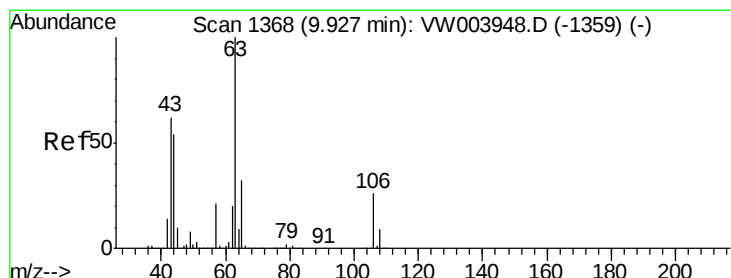
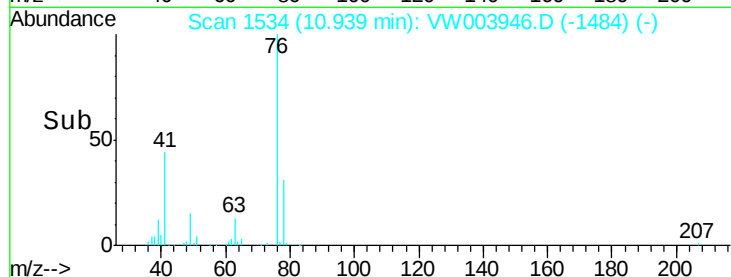
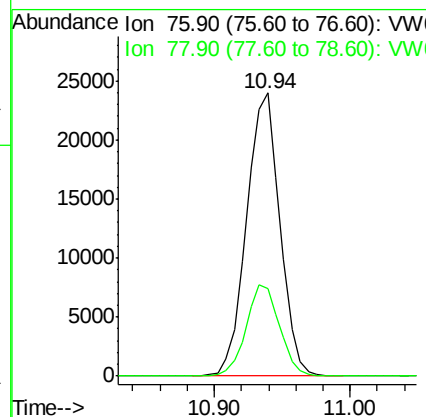
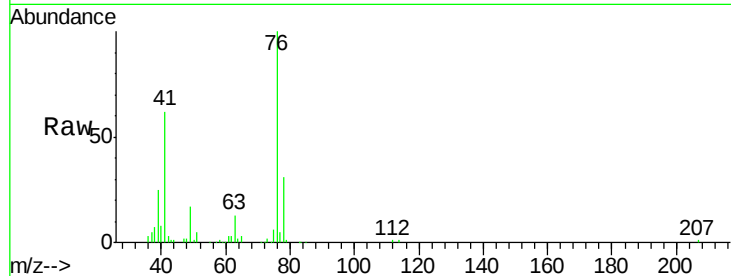
#57
 1,3-Dichloropropane
 Concen: 9.78 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: VW003946.D
 Acq: 16 Jul 2018 12:23

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tot Ion: 76 Resp: 41075
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.2 37.8

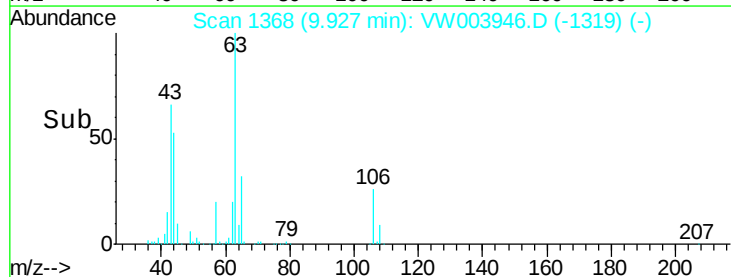
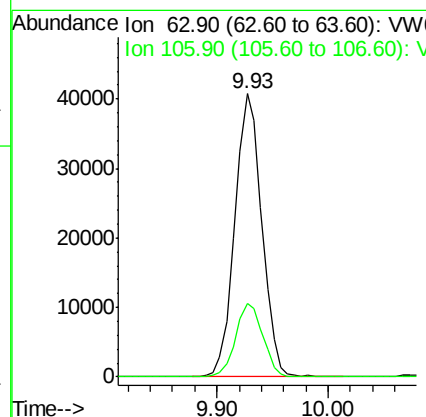
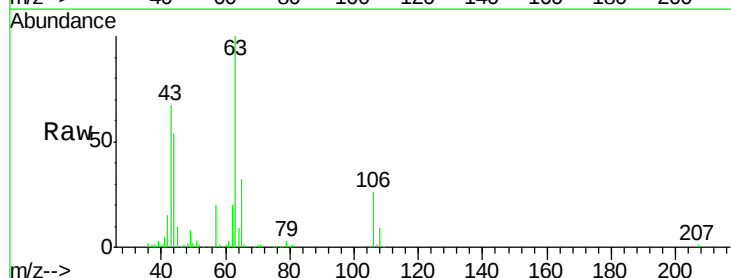
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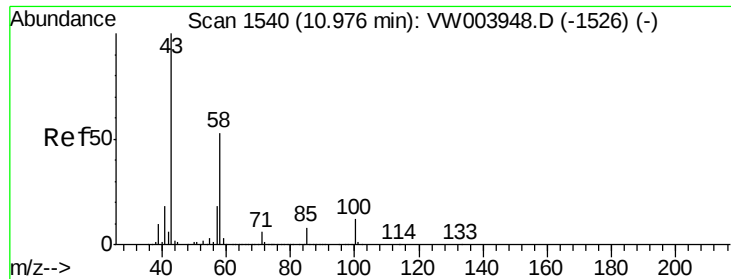
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#58
 2-Chloroethyl Vinyl ether
 Concen: 48.02 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VW003946.D
 Acq: 16 Jul 2018 12:23

Tgt Ion: 63 Resp: 68347
 Ion Ratio Lower Upper
 63 100
 106 26.3 21.2 31.8





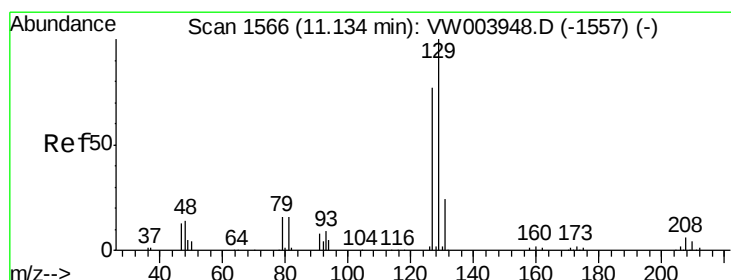
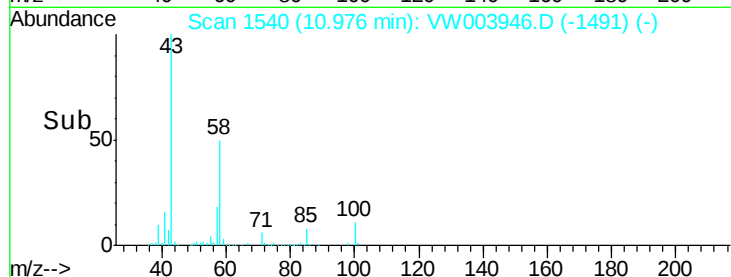
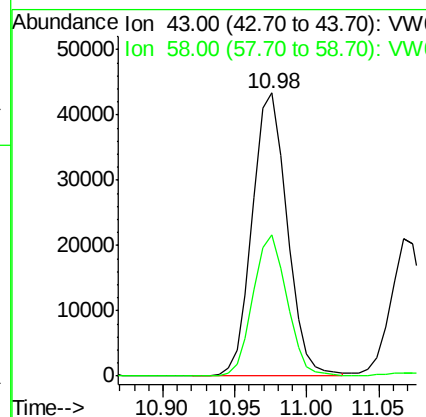
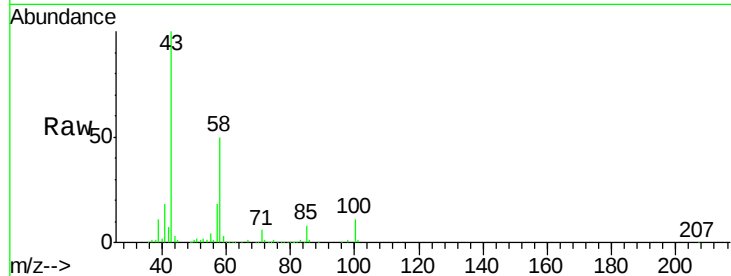
#59
2-Hexanone
Concen: 48.55 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW003946.D
Acq: 16 Jul 2018 12:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 43 Resp: 72640
Ion Ratio Lower Upper
43 100
58 48.7 26.0 78.0

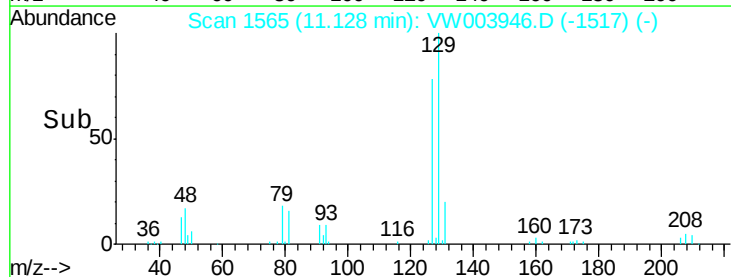
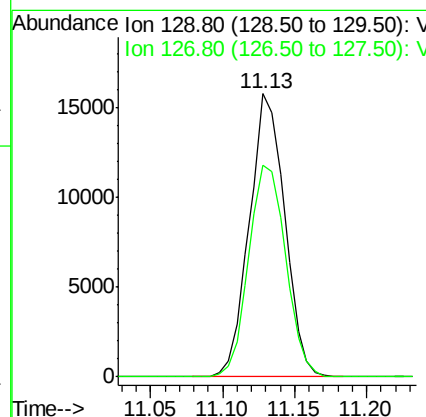
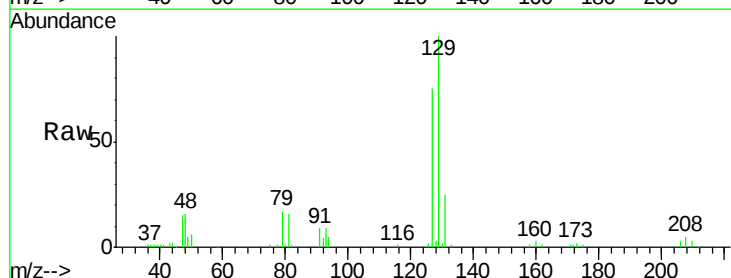
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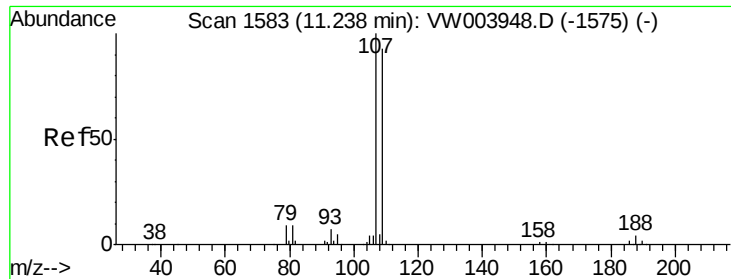
apatel
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#60
Dibromochloromethane
Concen: 9.58 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VW003946.D
Acq: 16 Jul 2018 12:23

Tgt Ion: 129 Resp: 26874
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.3





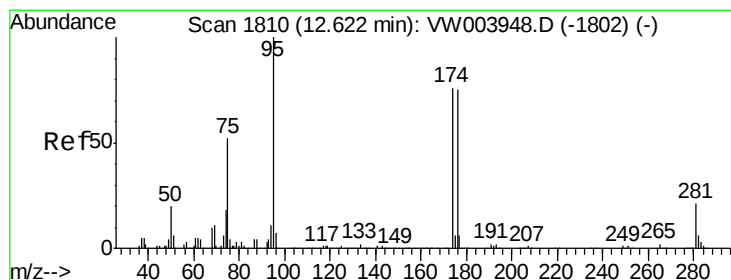
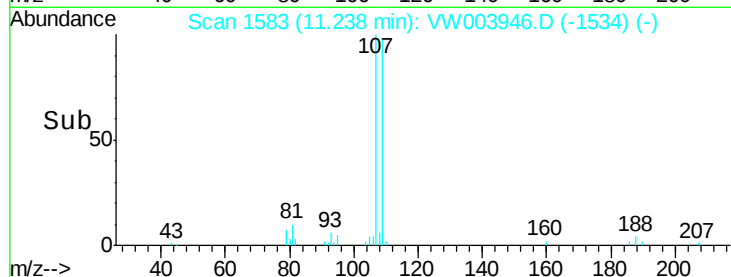
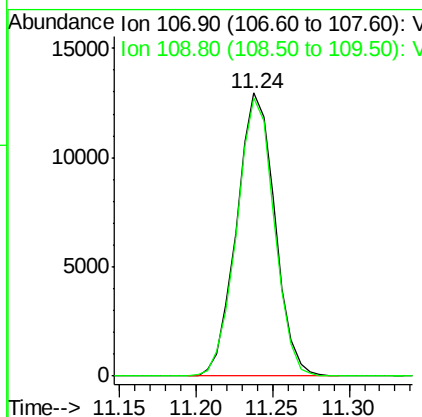
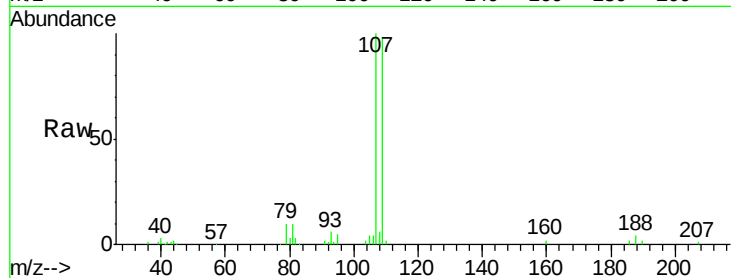
#61
 1,2-Dibromoethane
 Concen: 9.92 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW003946.D
 Acq: 16 Jul 2018 12:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.5	74.3	111.5

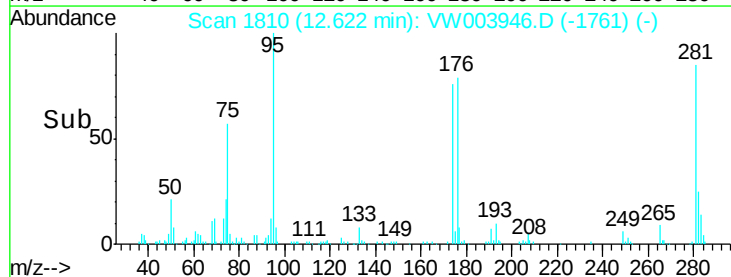
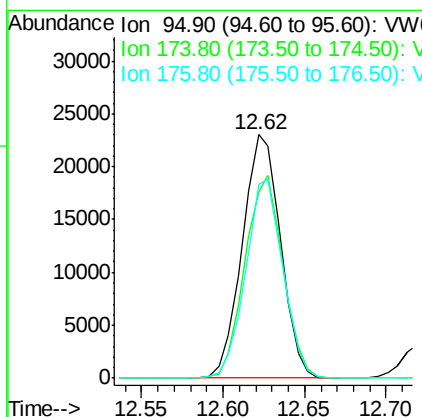
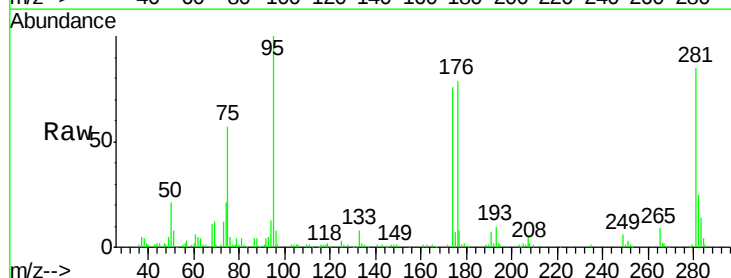
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#62
 4-Bromofluorobenzene
 Concen: 9.10 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW003946.D
 Acq: 16 Jul 2018 12:23

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.7	0.0	160.2
176	80.0	0.0	155.8





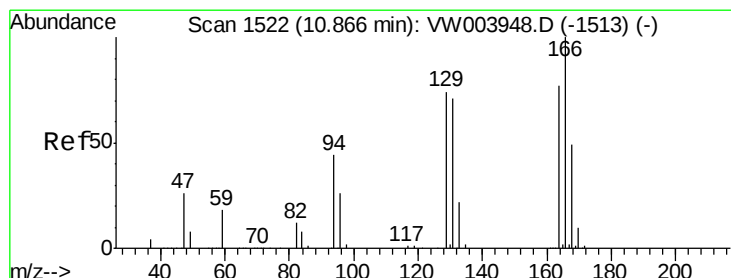
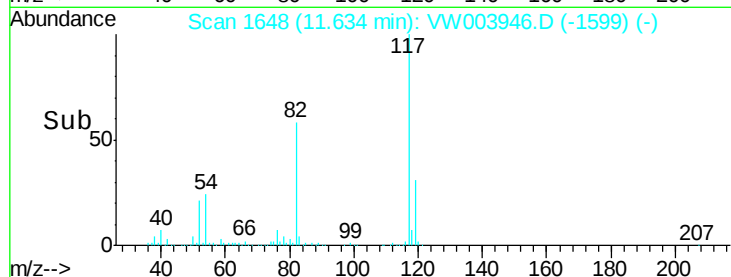
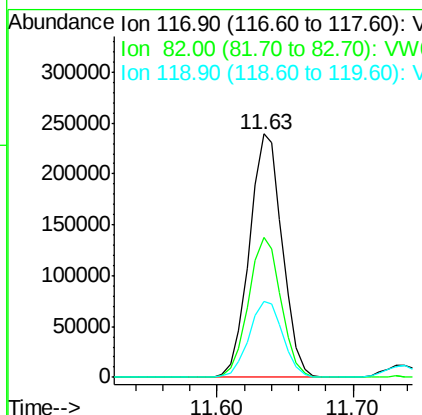
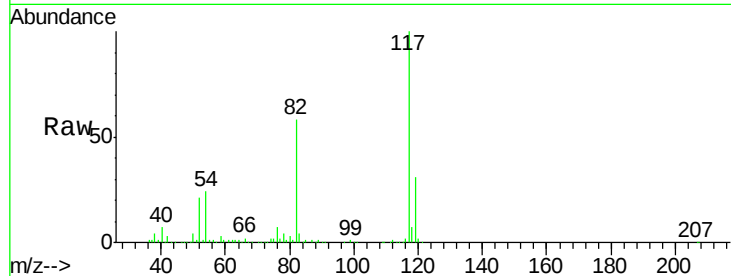
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003946.D
Acq: 16 Jul 2018 12:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.7	46.5	69.7
119	31.5	26.2	39.2

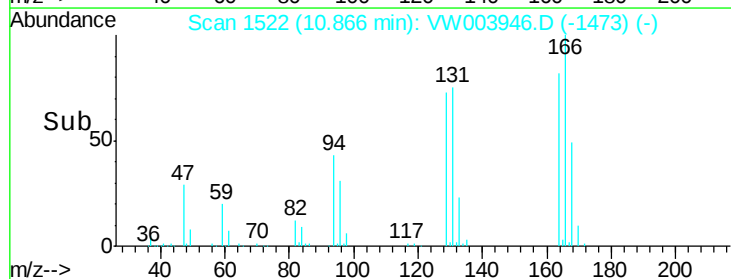
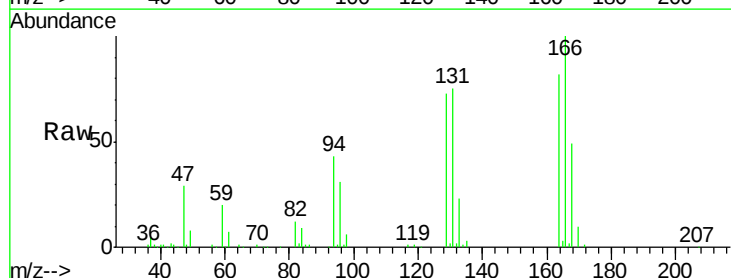
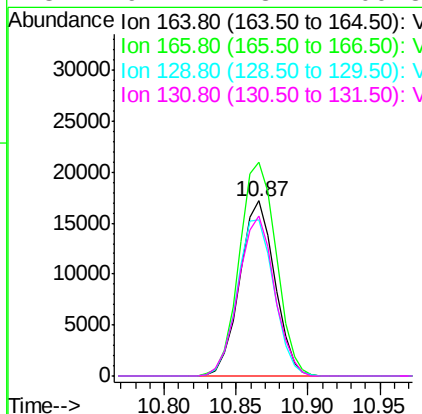
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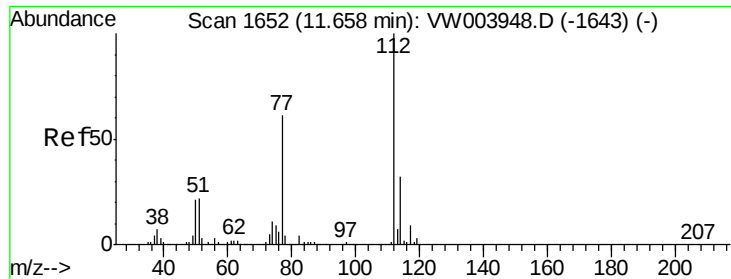
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#64
Tetrachloroethene
Concen: 10.09 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003946.D
Acq: 16 Jul 2018 12:23

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.2	103.5	155.3
129	89.4	76.8	115.2
131	91.2	73.2	109.8





#65

Chlorobenzene

Concen: 10.22 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. -0.00 min

Lab File: VW003946.D

Acq: 16 Jul 2018 12:23

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion:112 Resp: 89264

Ion Ratio Lower Upper

112 100

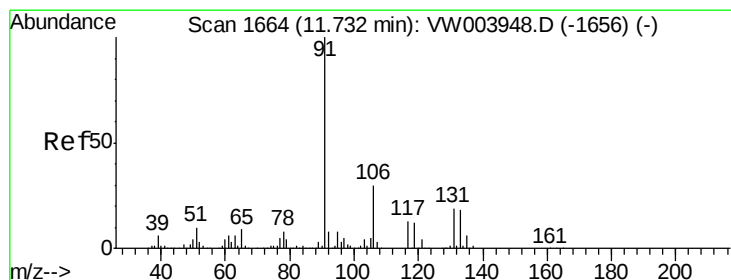
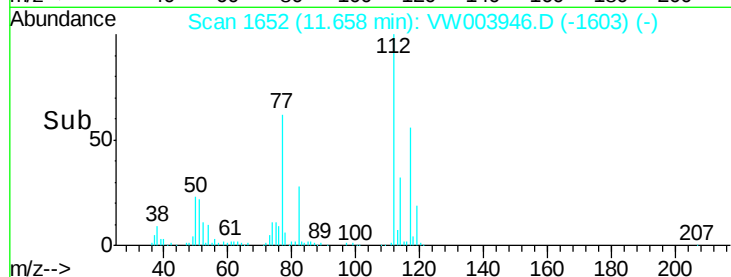
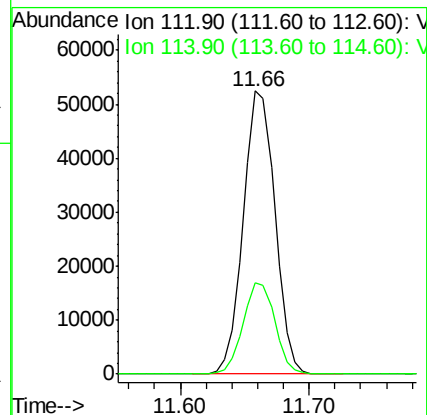
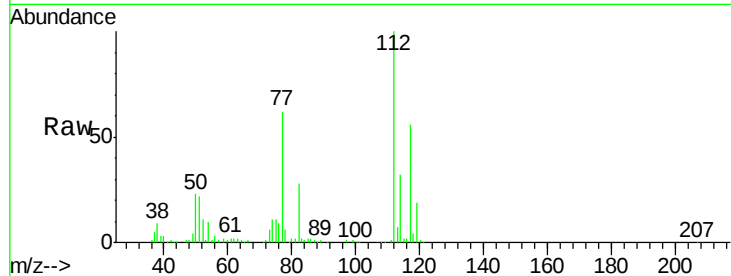
114 32.4 25.2 37.8

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#66

1,1,1,2-Tetrachloroethane

Concen: 10.14 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VW003946.D

Acq: 16 Jul 2018 12:23

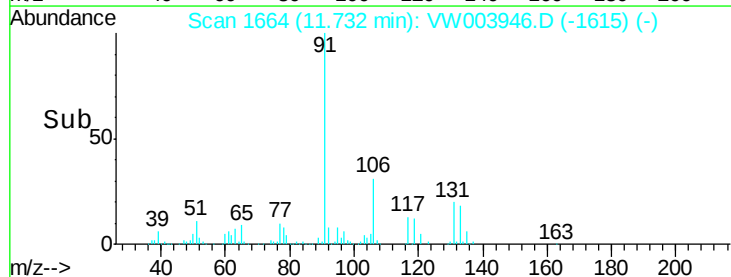
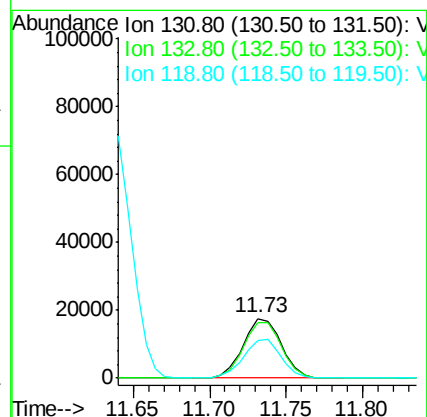
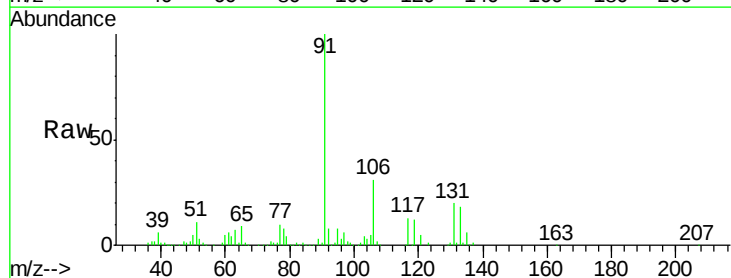
Tgt Ion:131 Resp: 30678

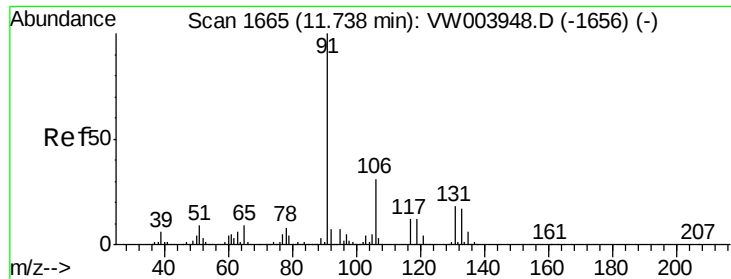
Ion Ratio Lower Upper

131 100

133 93.7 47.9 143.8

119 63.9 32.5 97.5





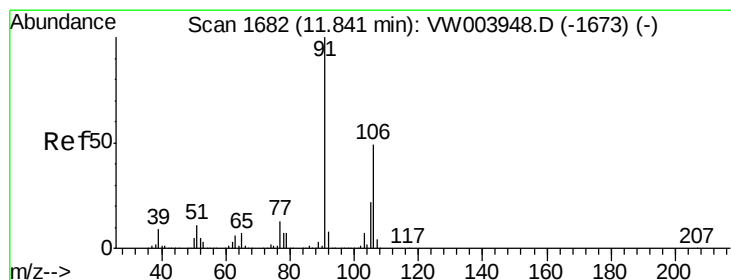
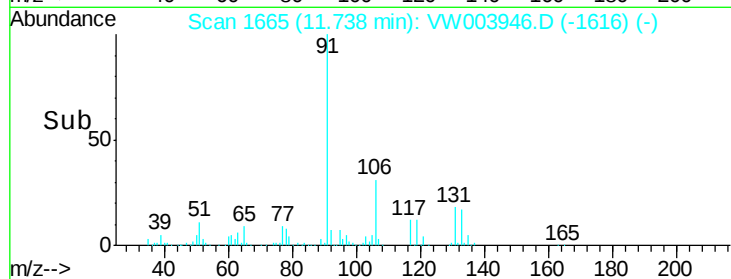
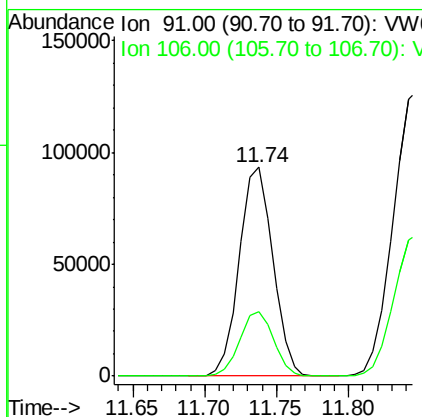
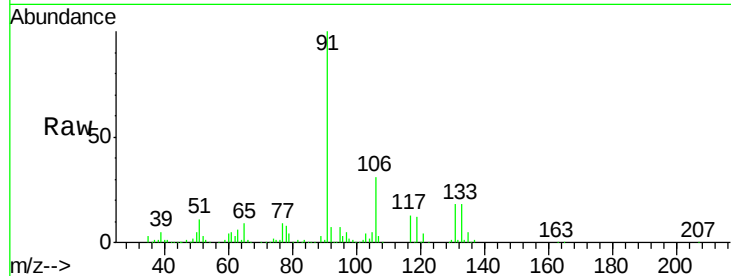
#67
Ethyl Benzene
Concen: 9.98 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003946.D
Acq: 16 Jul 2018 12:23

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion: 91 Resp: 151781
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.4

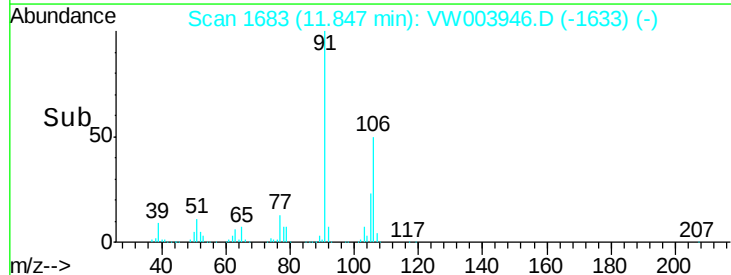
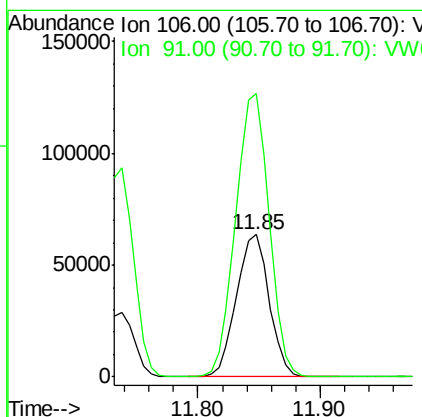
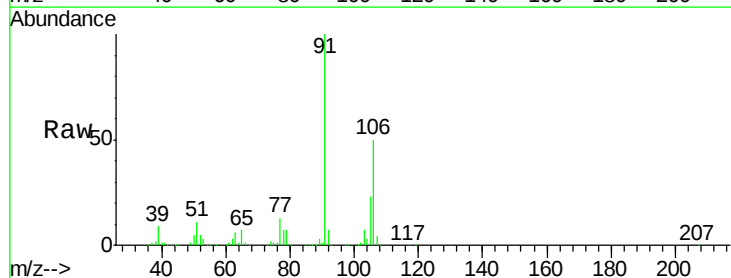
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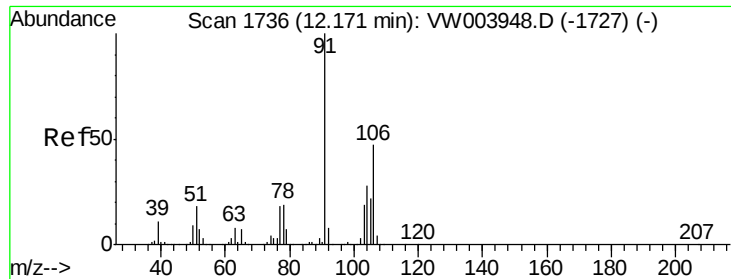
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#68
m/p-Xylenes
Concen: 20.16 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW003946.D
Acq: 16 Jul 2018 12:23

Tgt Ion: 106 Resp: 117916
Ion Ratio Lower Upper
106 100
91 203.8 164.2 246.2





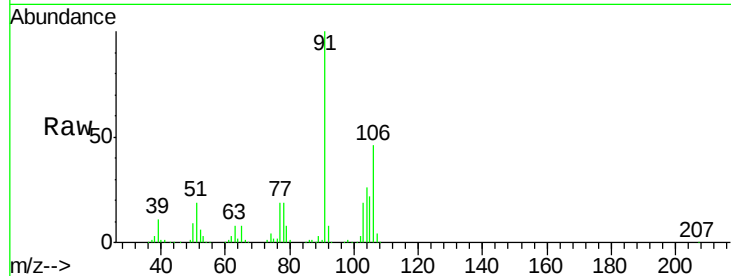
#69
o-Xylene
Concen: 9.80 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003946.D
Acq: 16 Jul 2018 12:23

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

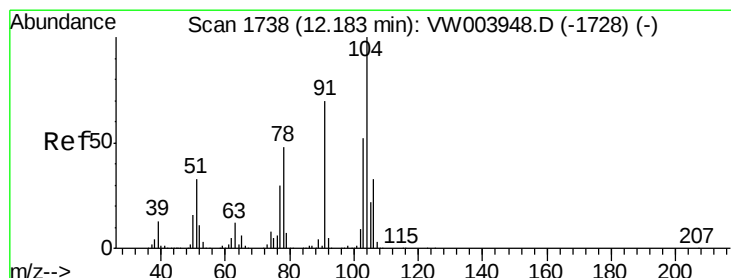
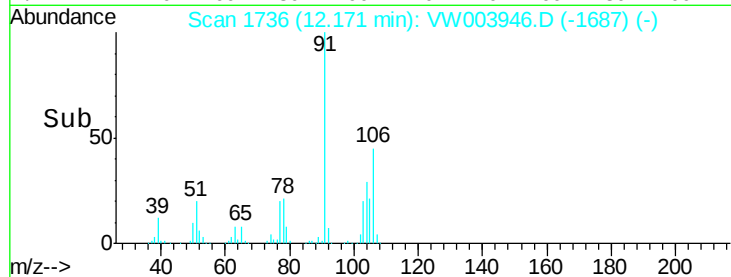
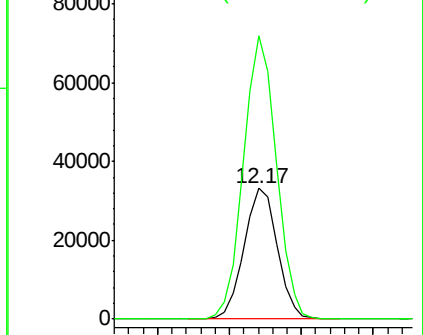
Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		52806		
91	215.2	107.5	322.6		

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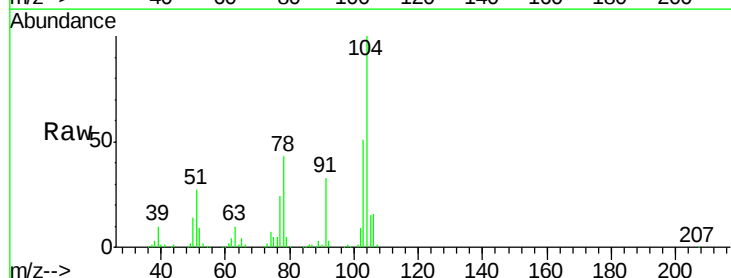


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

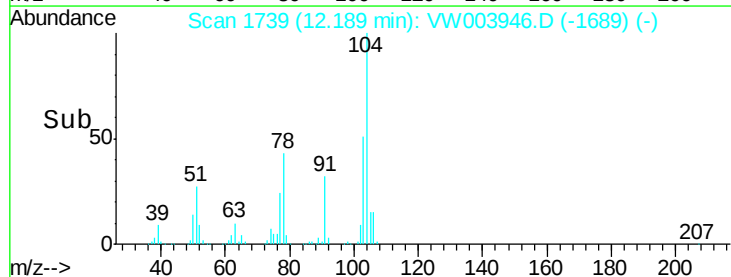
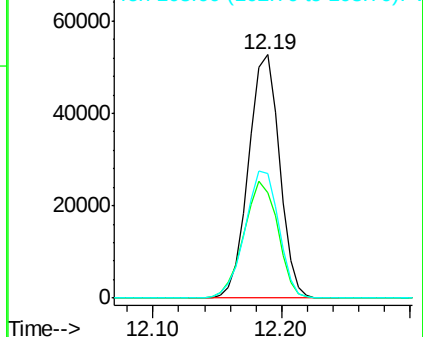


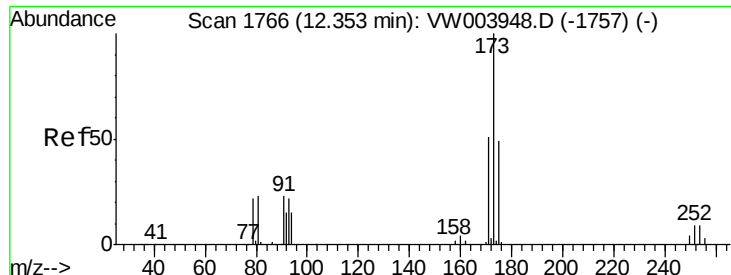
#70
Styrene
Concen: 9.64 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003946.D
Acq: 16 Jul 2018 12:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		87537		
78	52.5	41.0	61.4		
103	57.2	44.6	67.0		



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 9.75 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW003946.D

Acq: 16 Jul 2018 12:23

Instrument :

MSVOA_W

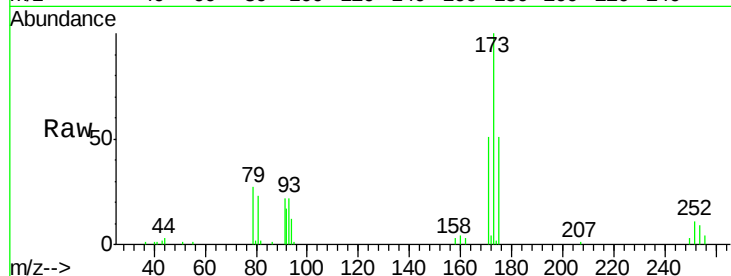
ClientSampleId :

VSTDIC010

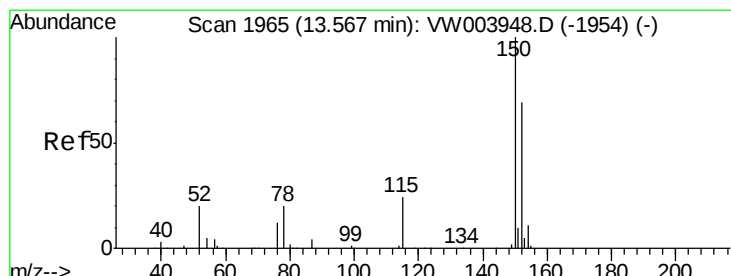
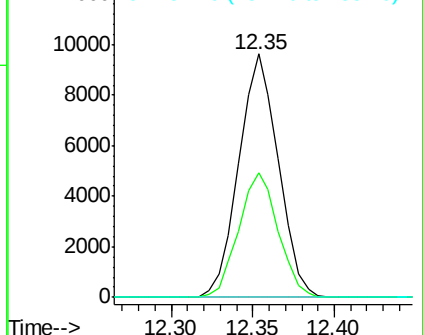
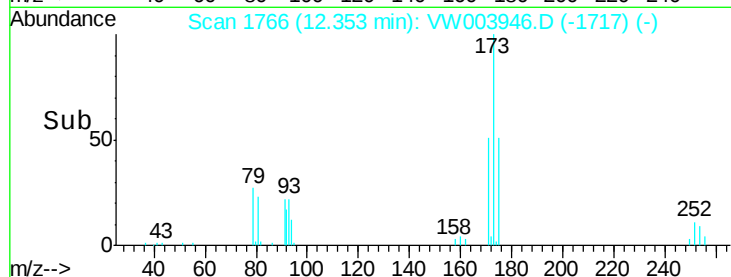
Tot Ion	Ratio	Lower	Upper
173	100		
175	51.0	24.4	73.2
254	0.0	0.1	0.1#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

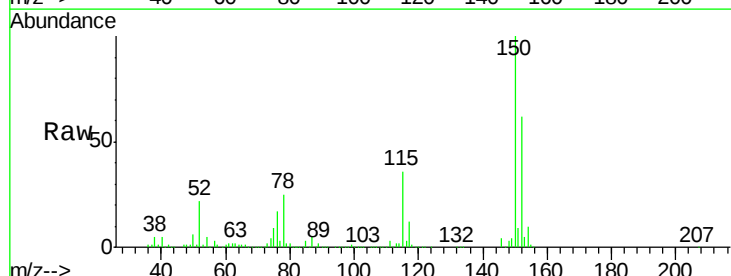
RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

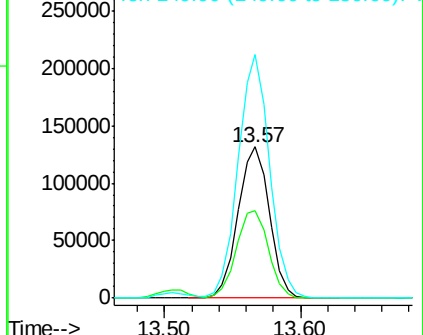
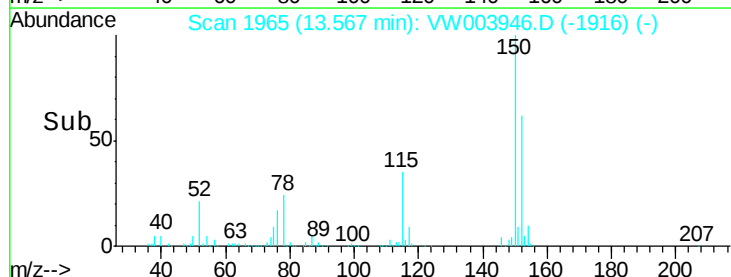
Lab File: VW003946.D

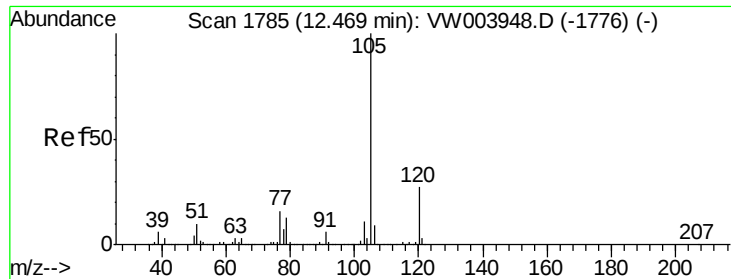
Acq: 16 Jul 2018 12:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.1	29.2	87.6
150	161.3	0.0	345.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





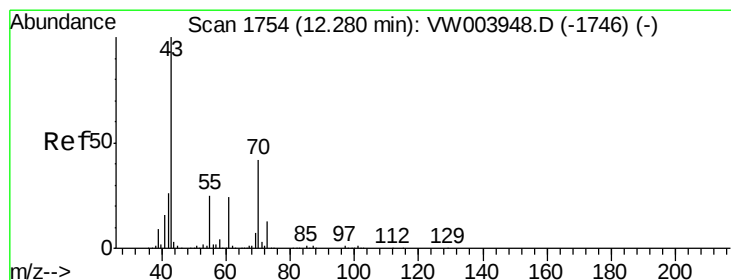
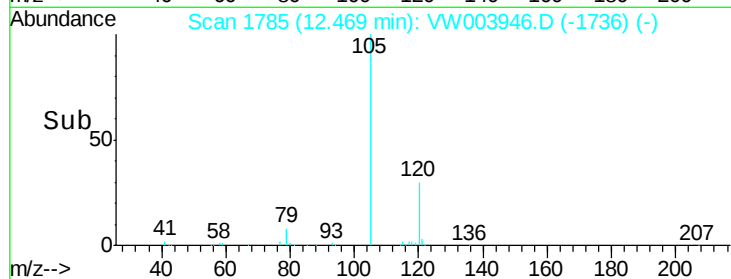
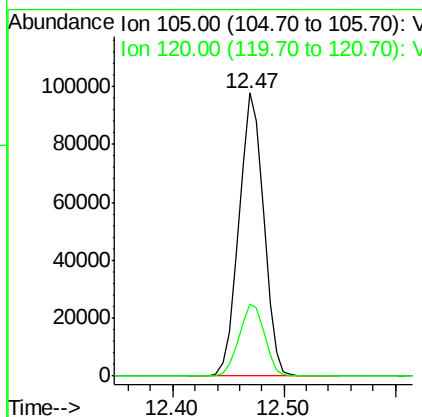
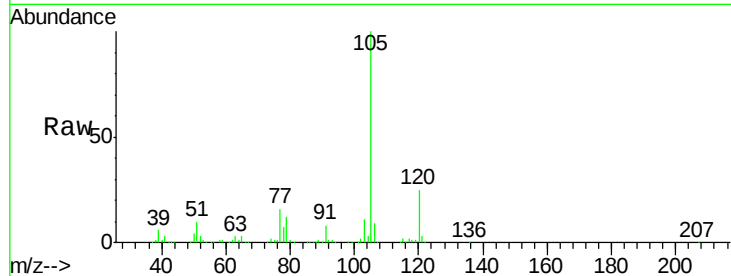
#73
Isopropylbenzene
Concen: 10.17 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VW003946.D
Acq: 16 Jul 2018 12:23

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.2	39.6

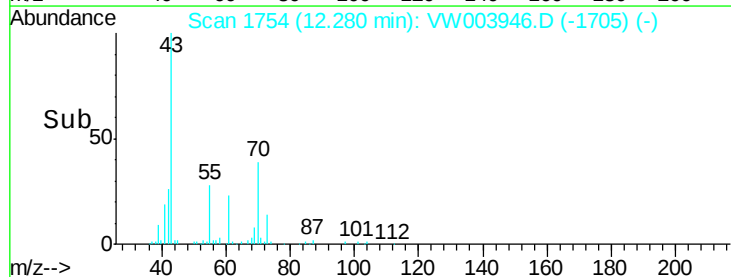
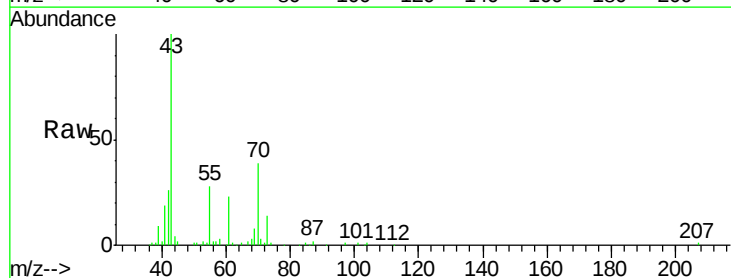
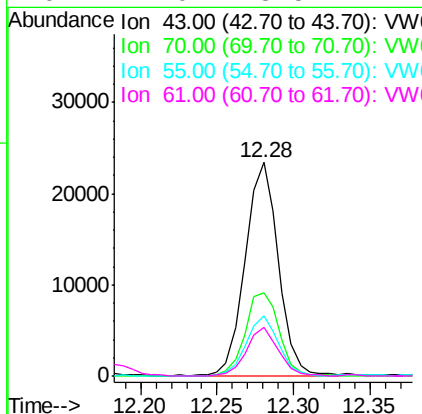
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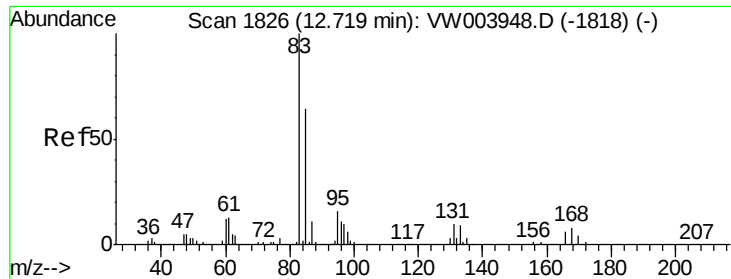
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#74
N-ethyl acetate
Concen: 9.35 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VW003946.D
Acq: 16 Jul 2018 12:23

Tgt Ion	Ratio	Lower	Upper
43	100		
70	39.8	31.6	47.4
55	27.5	20.0	30.0
61	22.0	18.5	27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 10.11 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW003946.D

Acq: 16 Jul 2018 12:23

Instrument :

MSVOA_W

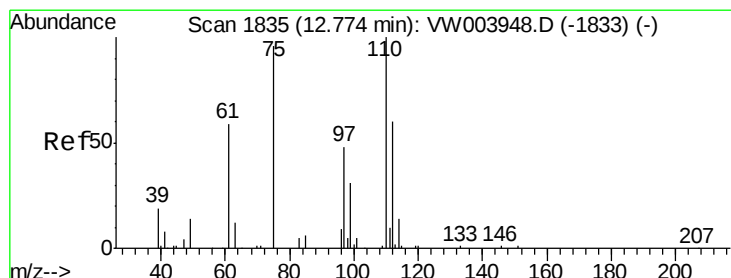
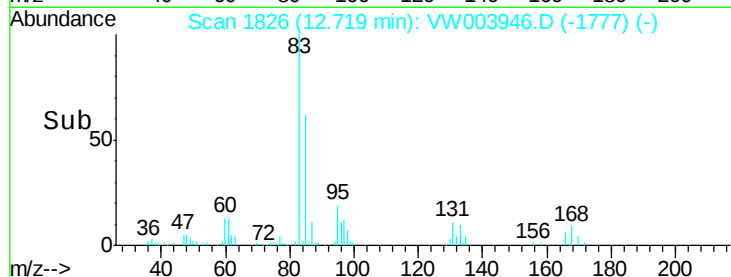
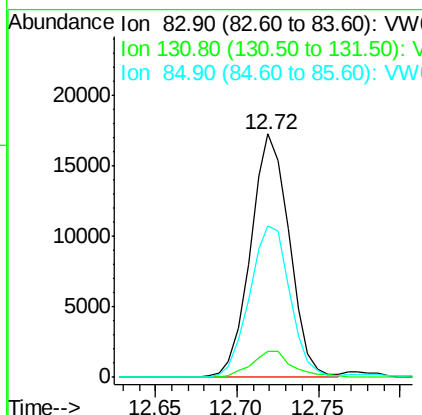
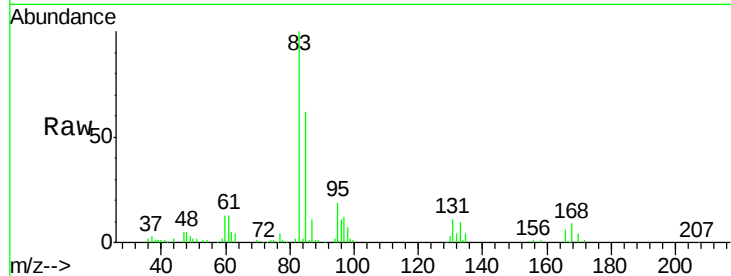
ClientSampled :

VSTDIC010

Tot Ion:	83	Resp:	28515
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.3	15.8
85	65.1	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 10.24 ug/l m

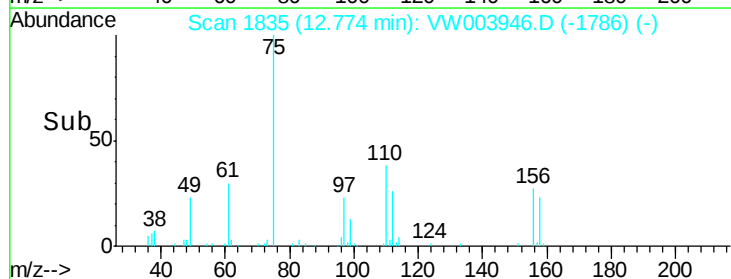
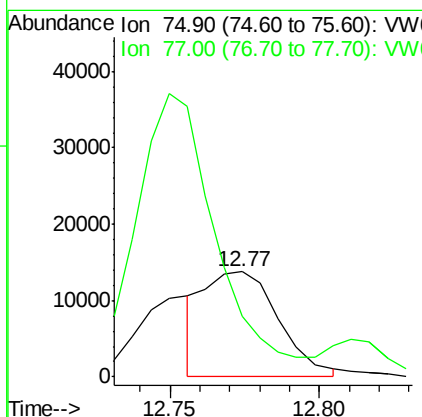
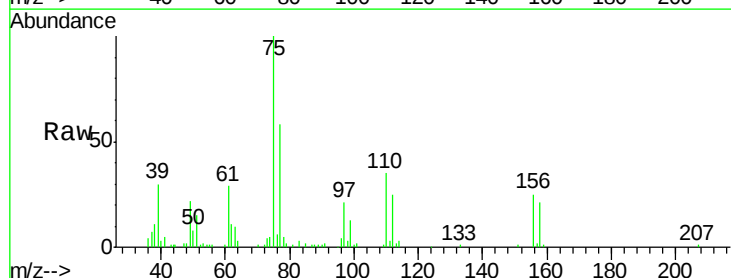
RT: 12.77 min Scan# 1835

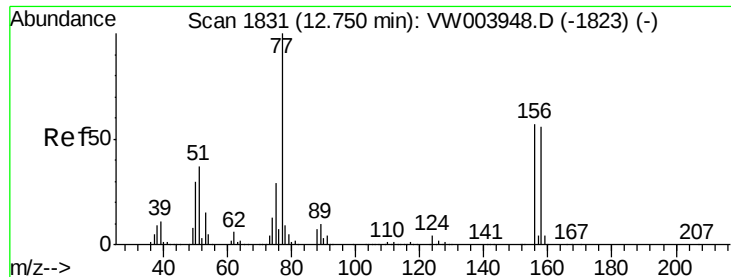
Delta R.T. -0.00 min

Lab File: VW003946.D

Acq: 16 Jul 2018 12:23

Tgt Ion:	75	Resp:	23814
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 10.15 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VW003946.D

Acq: 16 Jul 2018 12:23

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion:156 Resp: 35925

Ion Ratio Lower Upper

156 100

77 192.6 96.2 288.6

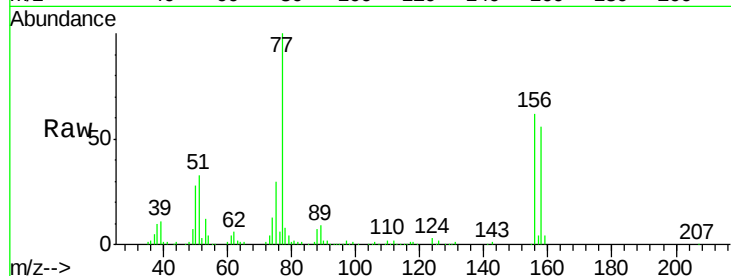
158 96.5 48.5 145.5

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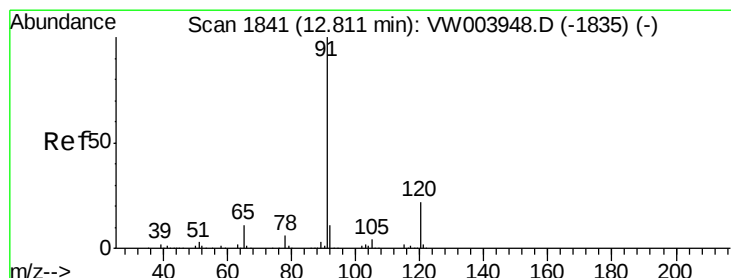
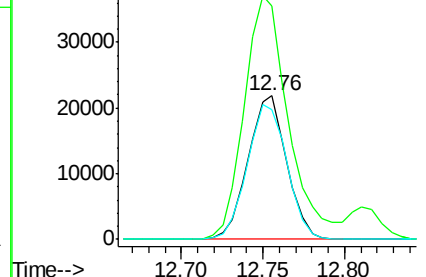
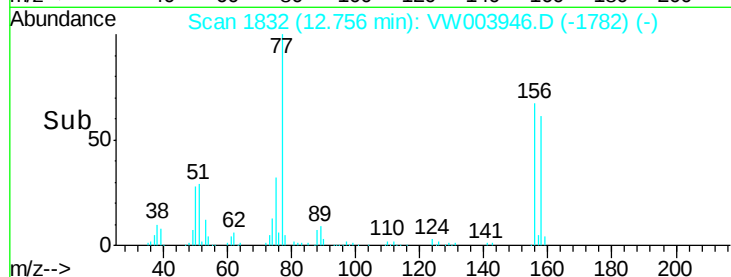
7/17/2018 10:11:00 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 10.05 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW003946.D

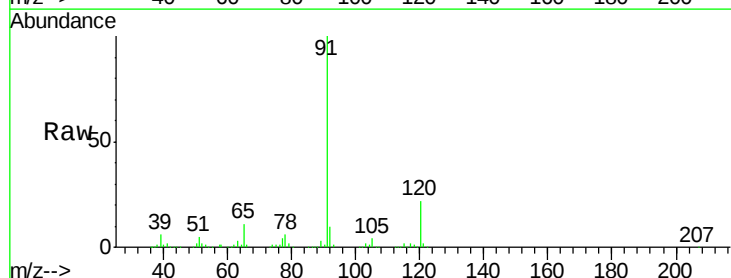
Acq: 16 Jul 2018 12:23

Tgt Ion: 91 Resp: 183762

Ion Ratio Lower Upper

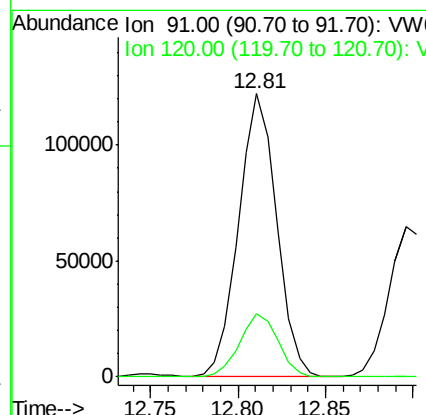
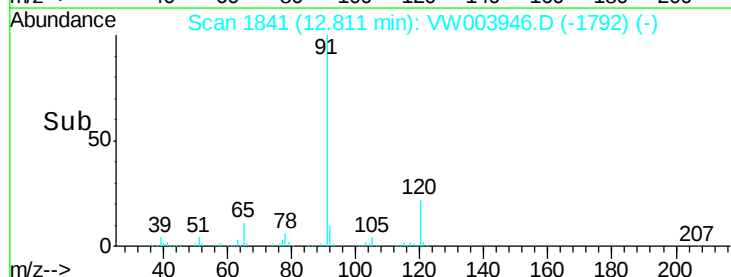
91 100

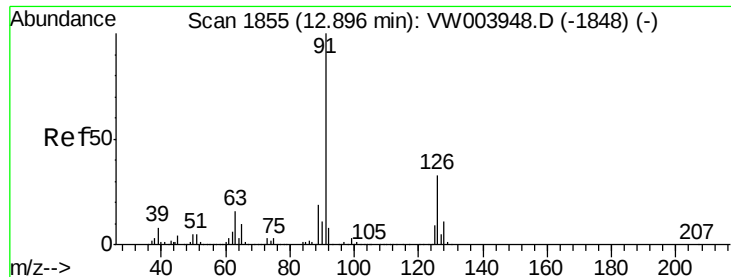
120 22.6 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 10.12 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW003946.D

Acq: 16 Jul 2018 12:23

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 91 Resp: 104509

Ion Ratio Lower Upper

91 100

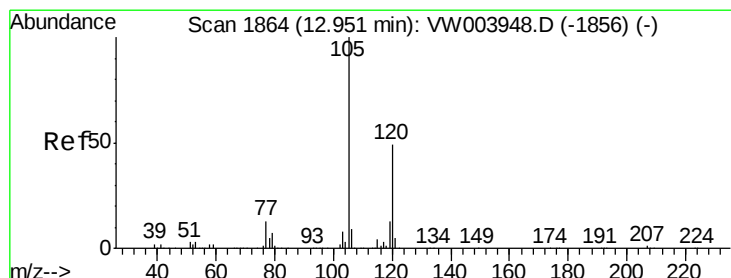
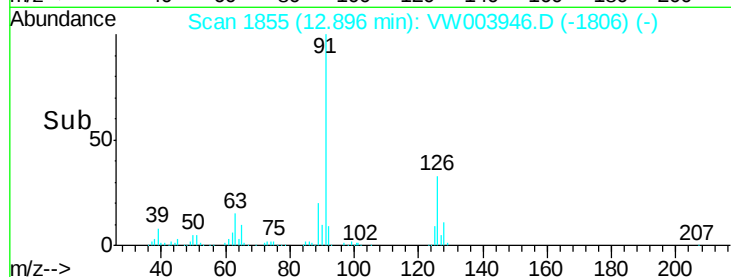
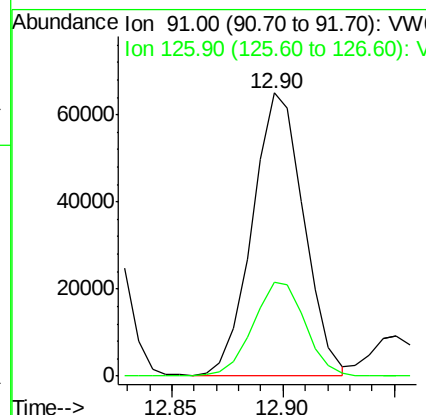
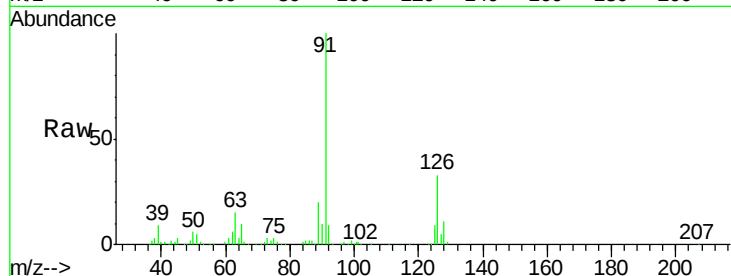
126 33.8 17.0 51.0

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#80

1,3,5-Trimethylbenzene

Concen: 10.07 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW003946.D

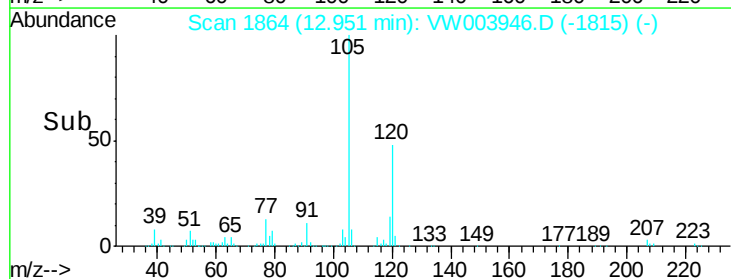
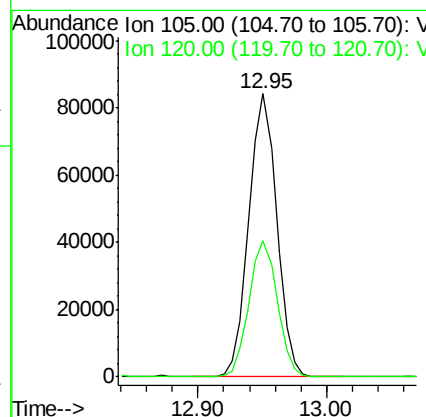
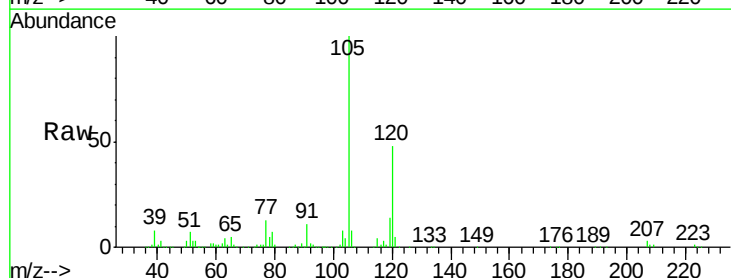
Acq: 16 Jul 2018 12:23

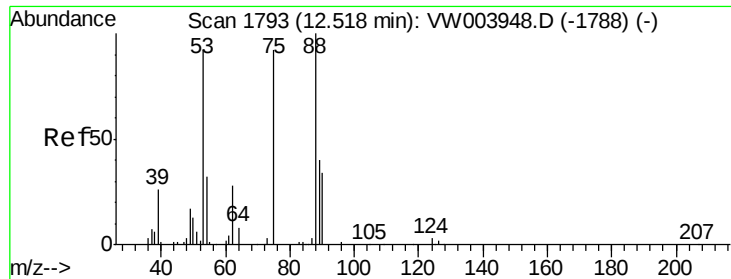
Tgt Ion:105 Resp: 126432

Ion Ratio Lower Upper

105 100

120 48.6 24.4 73.2





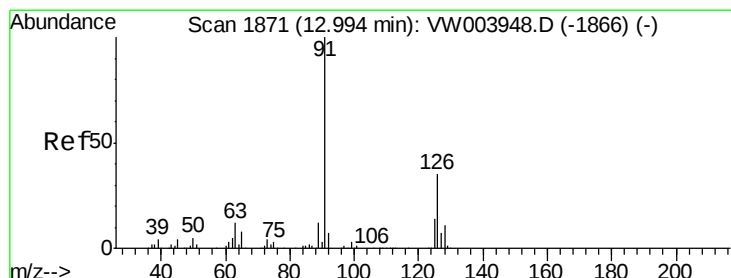
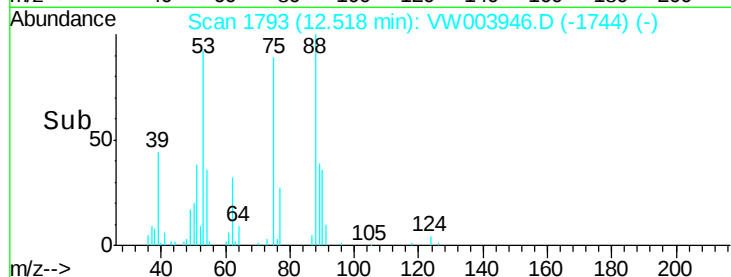
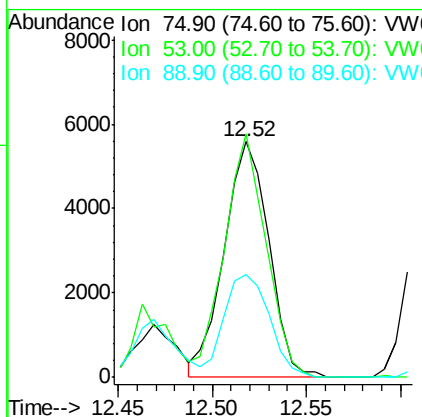
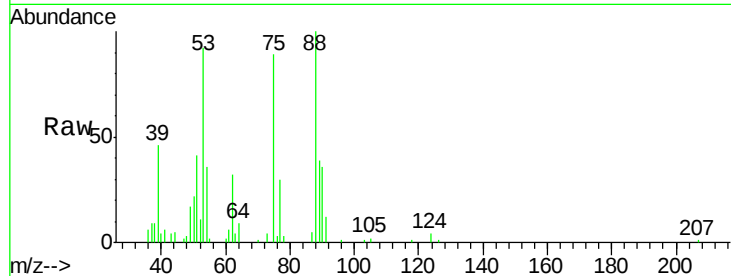
#81
trans-1,4-Dichloro-2-butene
Concen: 10.49 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW003946.D
Acq: 16 Jul 2018 12:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.4	77.6	116.4
89	44.2	36.6	54.8

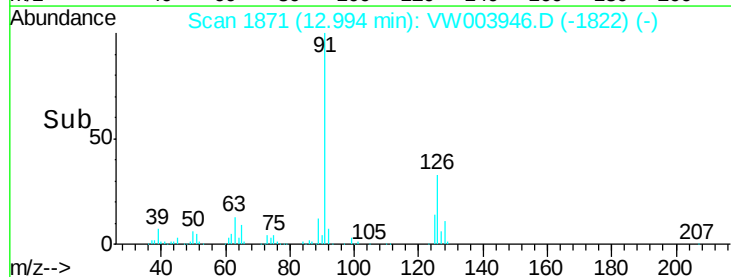
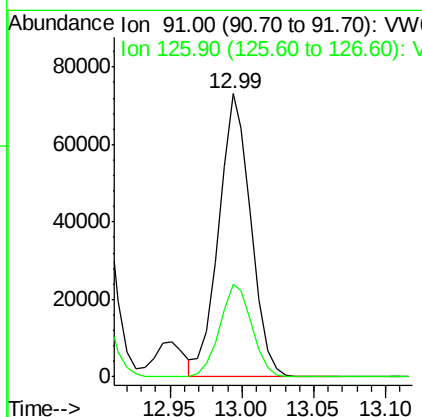
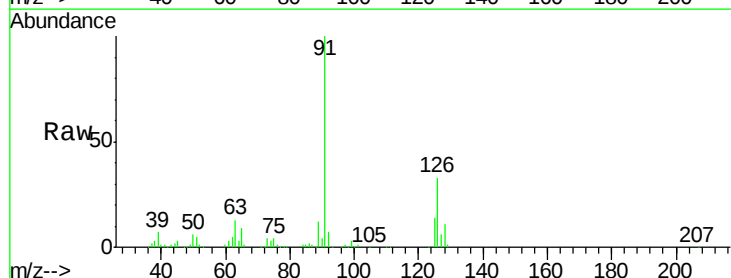
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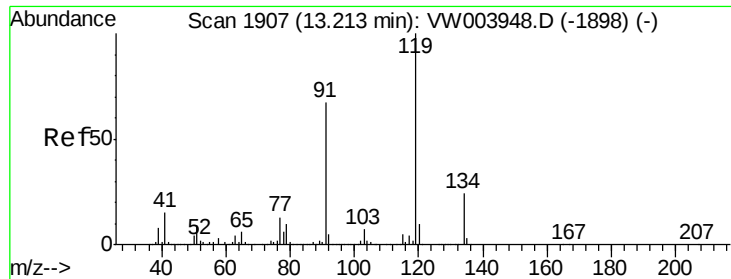
apatel
7/17/2018 10:11:00 AM



#82
4-Chlorotoluene
Concen: 10.21 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW003946.D
Acq: 16 Jul 2018 12:23

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.7	50.0





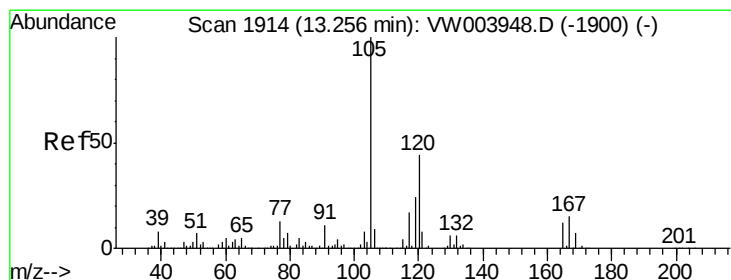
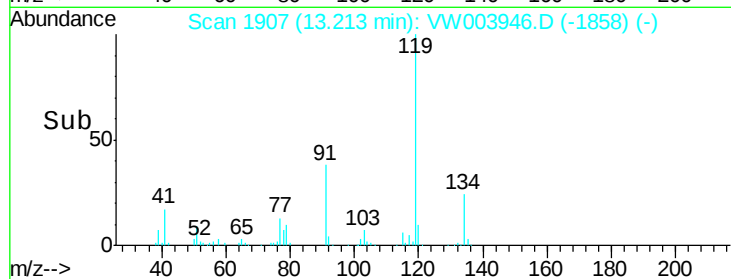
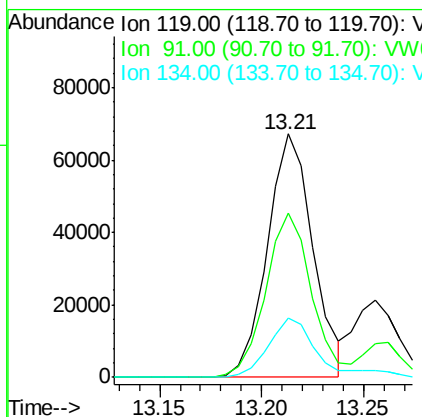
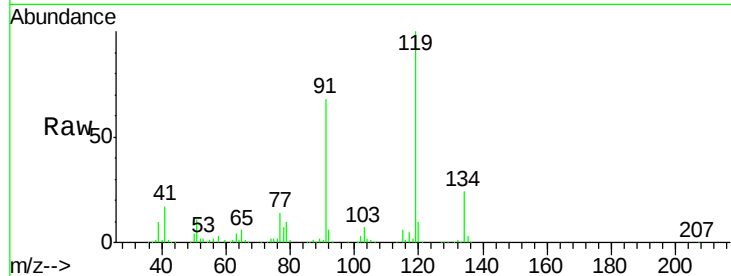
#83
tert-Butylbenzene
Concen: 9.97 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW003946.D
Acq: 16 Jul 2018 12:23

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
119	100	104452		
91	68.4		33.2	99.6
134	24.1		13.0	38.9

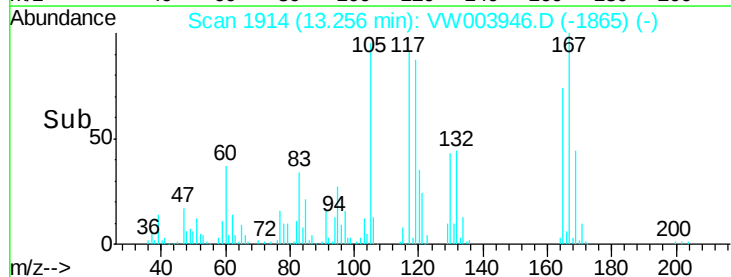
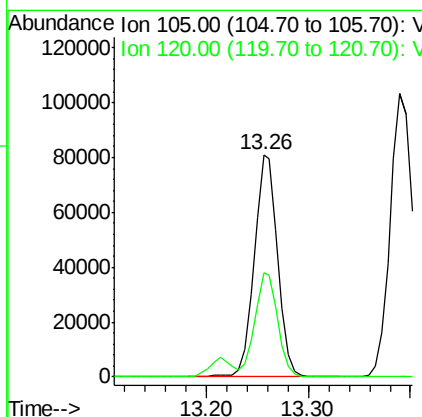
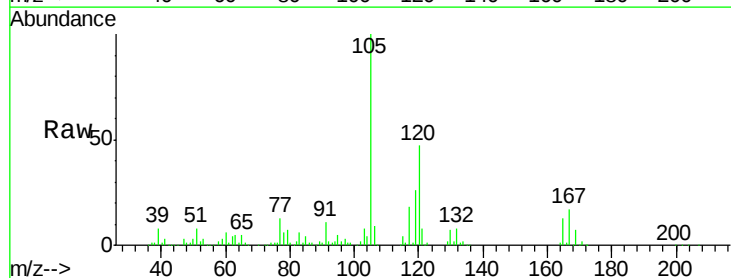
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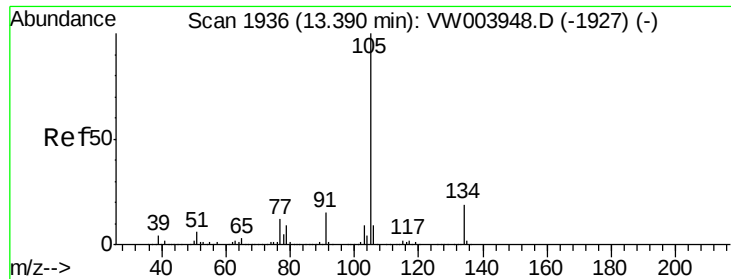
apatel
7/17/2018 10:11:00 AM



#84
1,2,4-Trimethylbenzene
Concen: 10.00 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW003946.D
Acq: 16 Jul 2018 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	129569		
120	45.8		22.1	66.1





#85

sec-Butylbenzene

Concen: 10.21 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VW003946.D

Acq: 16 Jul 2018 12:23

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion:105 Resp: 159850

Ion Ratio Lower Upper

105 100

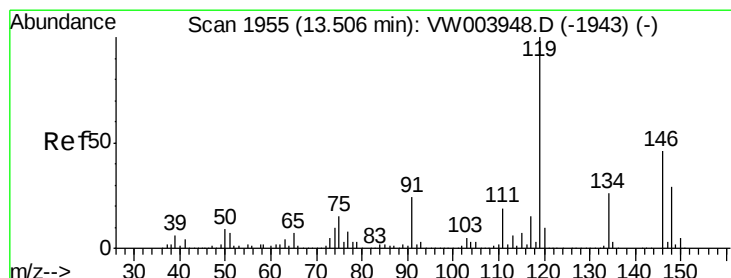
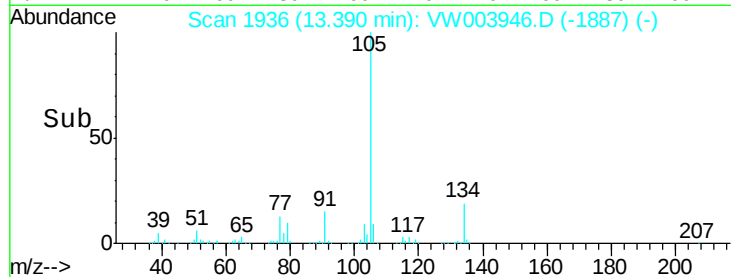
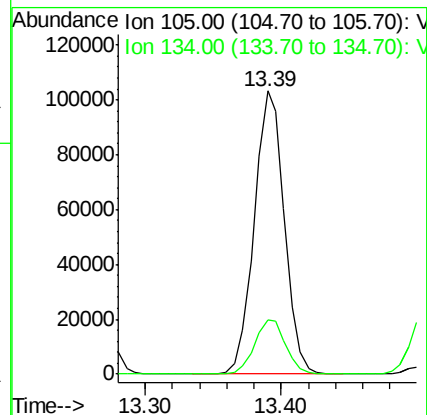
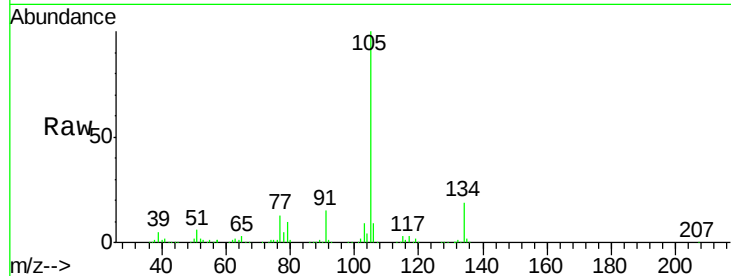
134 19.9 9.8 29.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 10.05 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW003946.D

Acq: 16 Jul 2018 12:23

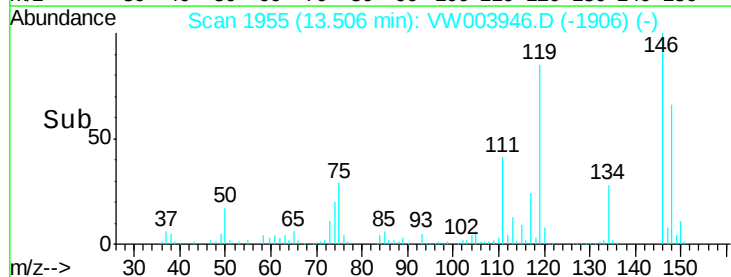
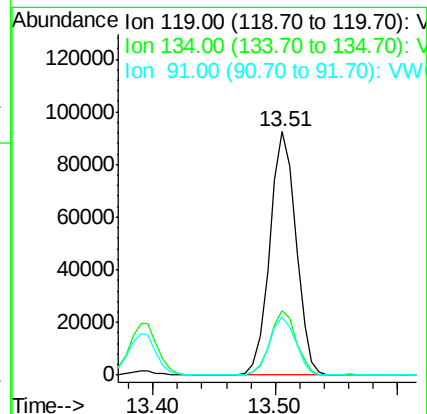
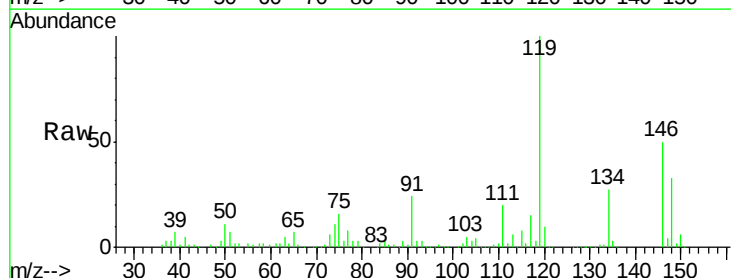
Tgt Ion:119 Resp: 137846

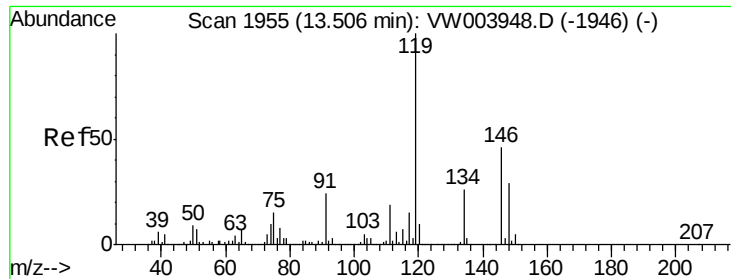
Ion Ratio Lower Upper

119 100

134 26.4 13.0 38.9

91 24.2 11.8 35.3





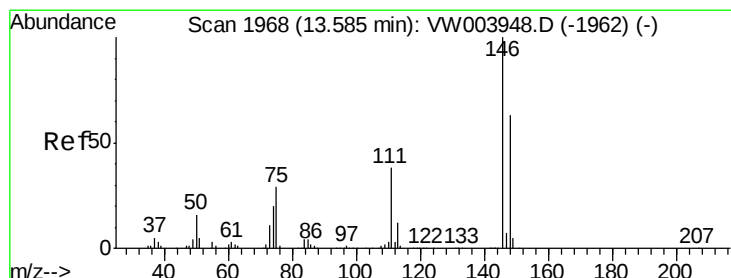
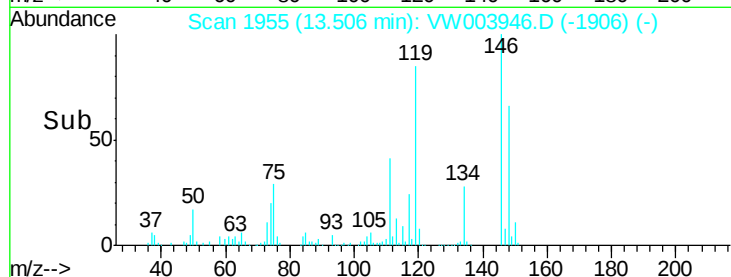
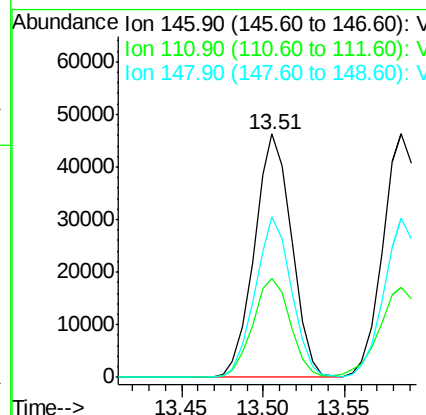
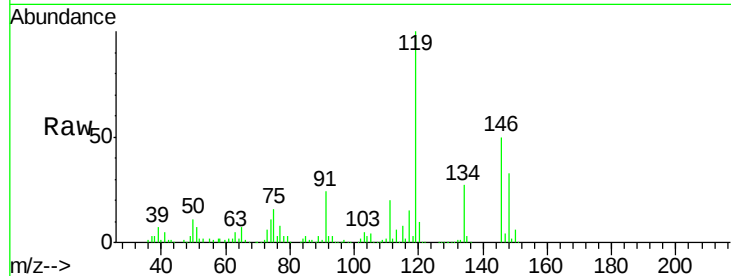
#87
 1,3-Dichlorobenzene
 Concen: 10.26 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003946.D
 Acq: 16 Jul 2018 12:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	19.9	59.6
148	64.5	31.9	95.5

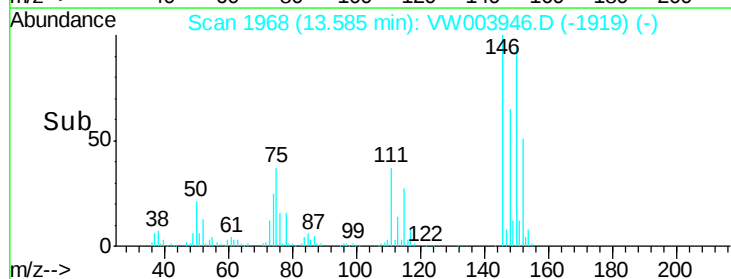
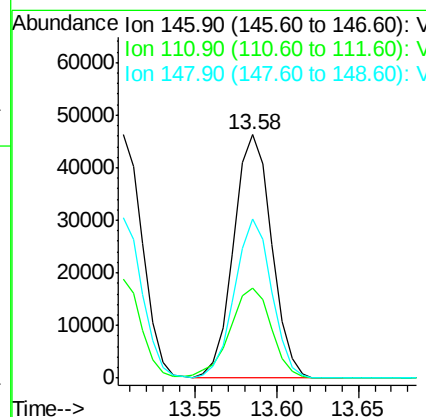
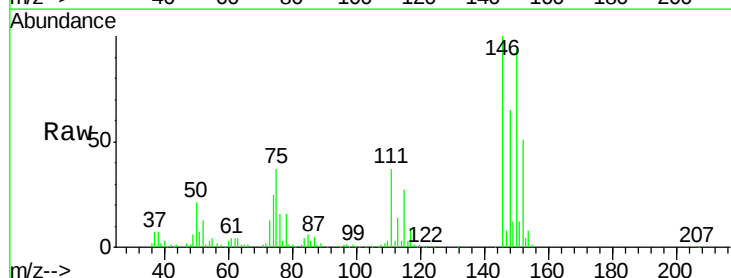
Manual Integrations
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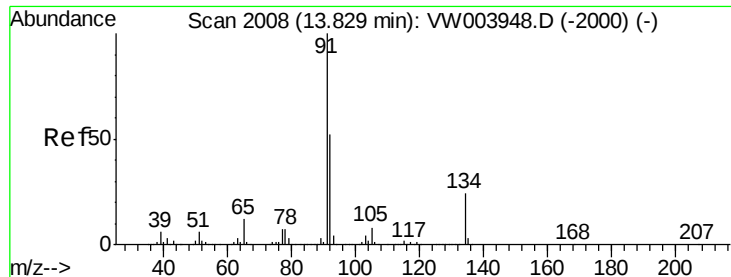
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 10.48 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW003946.D
 Acq: 16 Jul 2018 12:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.6	58.7
148	64.0	32.3	96.8





#89

n-Butylbenzene

Concen: 9.93 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.01 min

Lab File: VW003946.D

Acq: 16 Jul 2018 12:23

Instrument :

MSVOA_W

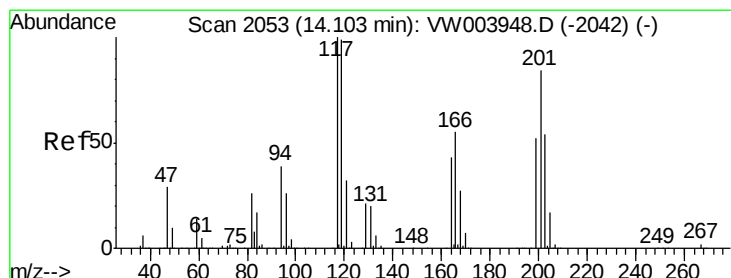
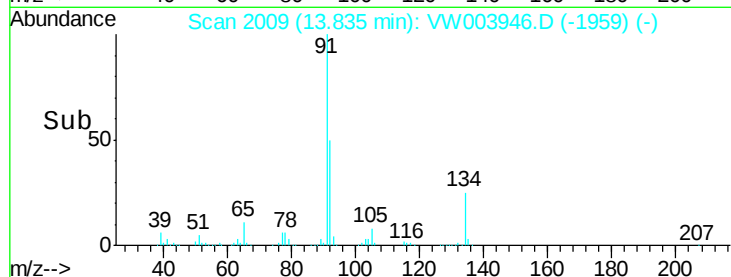
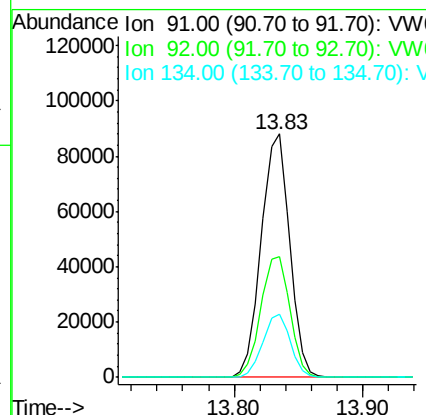
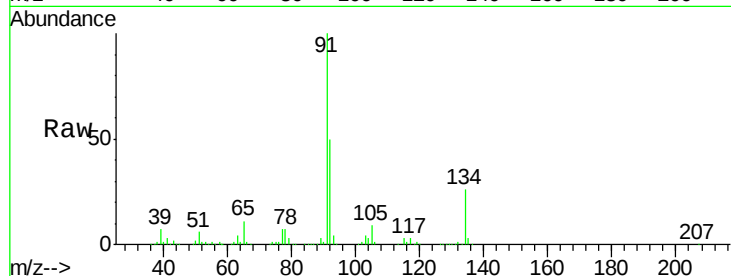
ClientSampleId :

VSTDIC010

Tot Ion:	91	Resp:	134025
Ion Ratio	Lower	Upper	
91	100		
92	50.9	26.1	78.3
134	25.2	12.4	37.4

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#90

Hexachloroethane

Concen: 9.91 ug/l

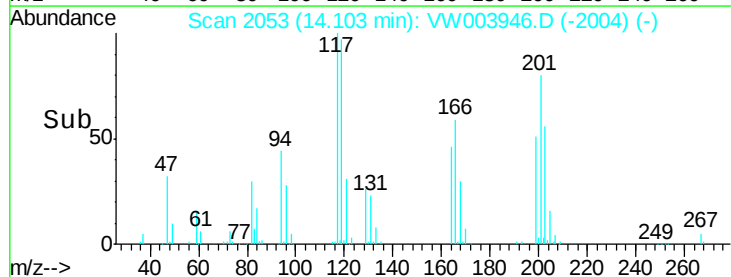
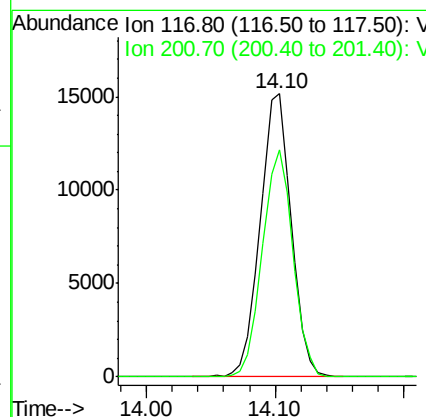
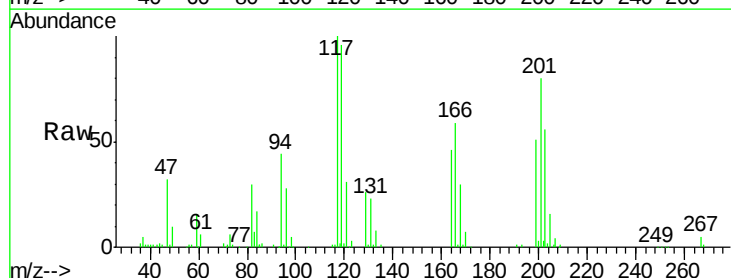
RT: 14.10 min Scan# 2053

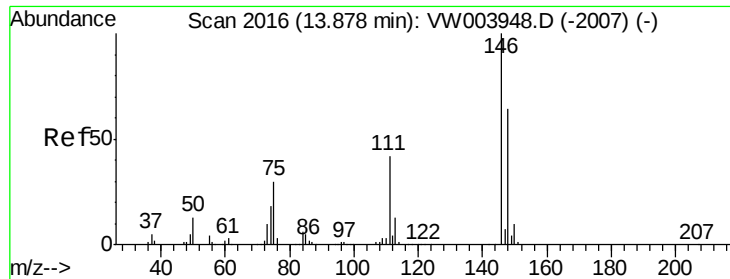
Delta R.T. -0.00 min

Lab File: VW003946.D

Acq: 16 Jul 2018 12:23

Tgt Ion:	117	Resp:	25205
Ion Ratio	Lower	Upper	
117	100		
201	79.1	40.3	120.9





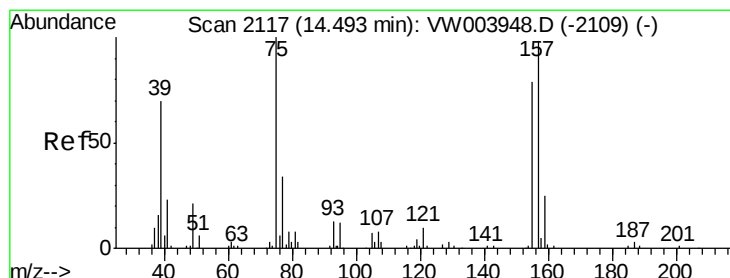
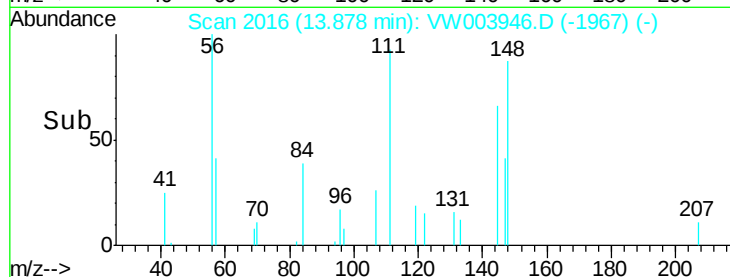
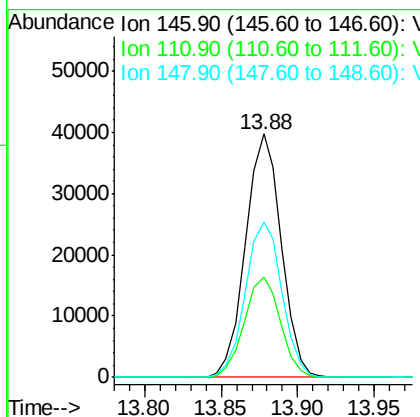
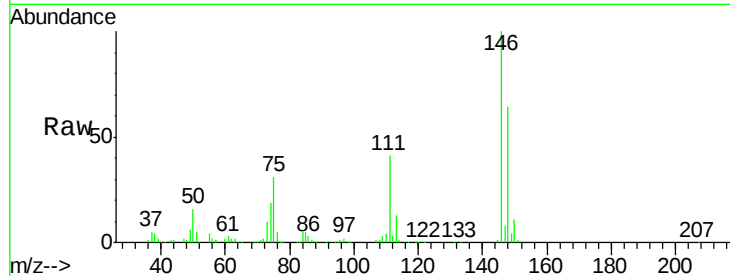
#91
 1,2-Dichlorobenzene
 Concen: 10.07 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW003946.D
 Acq: 16 Jul 2018 12:23

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.7	62.1
148	65.4	32.0	96.2

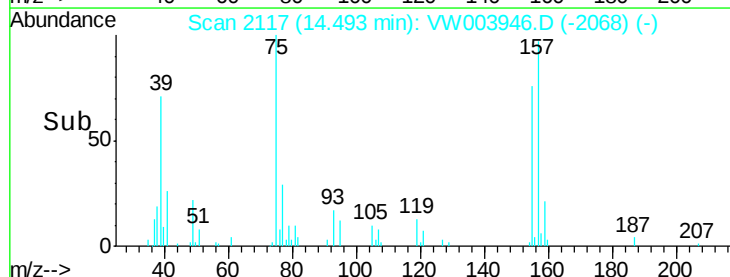
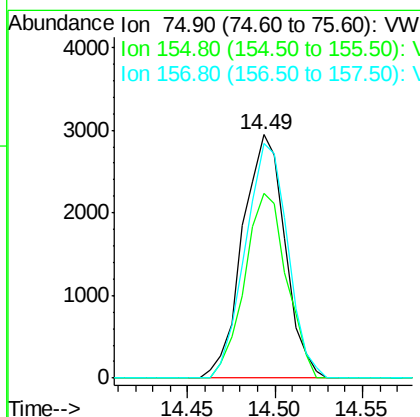
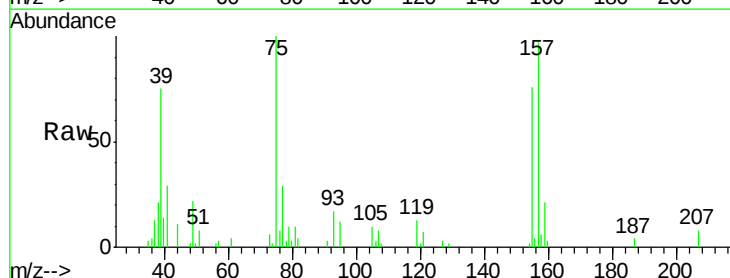
Manual Integrations
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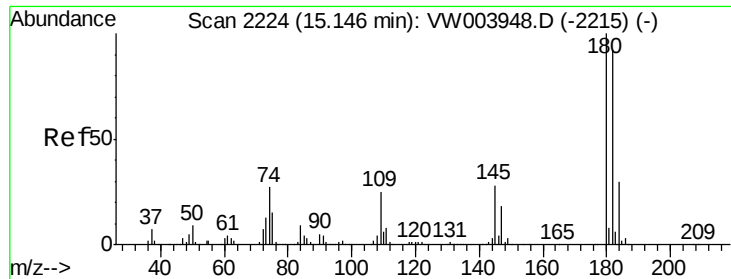
apatel
 7/17/2018 10:11:00 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.09 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW003946.D
 Acq: 16 Jul 2018 12:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.3	39.4	118.1
157	96.5	51.8	155.4





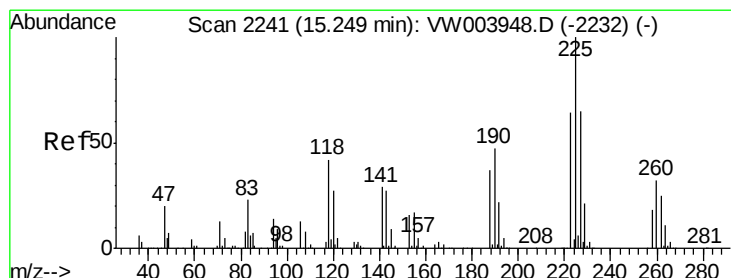
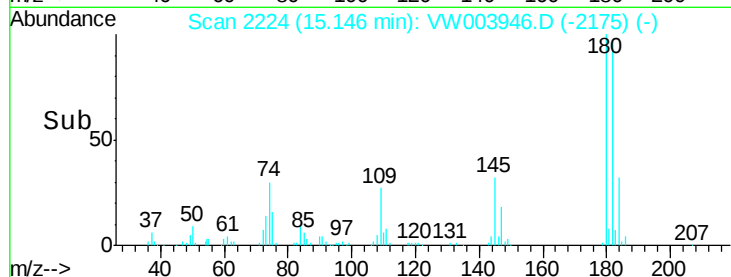
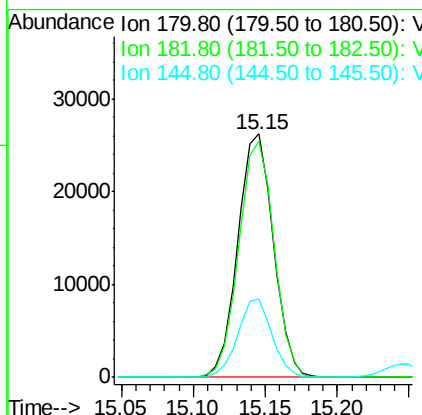
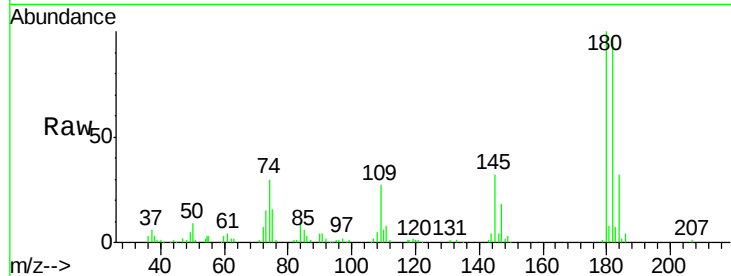
#93
1,2,4-Trichlorobenzene
Concen: 10.18 ug/l
RT: 15.15 min Scan# 2224
Delta R.T. -0.00 min
Lab File: VW003946.D
Acq: 16 Jul 2018 12:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	46.9	140.8
145	31.0	15.0	45.0

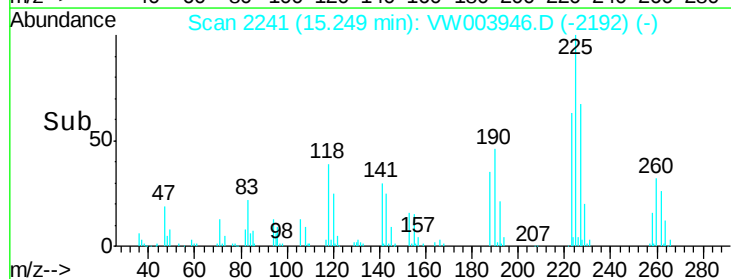
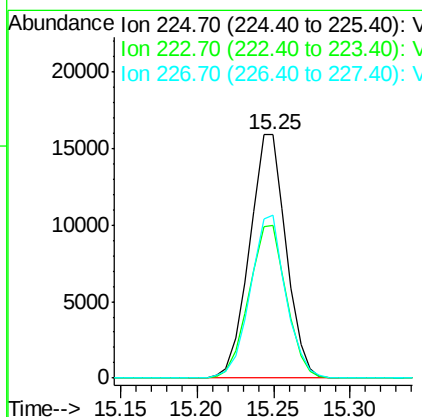
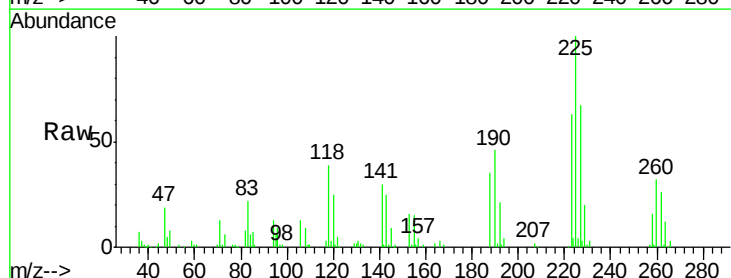
Manual Integrations
APPROVED

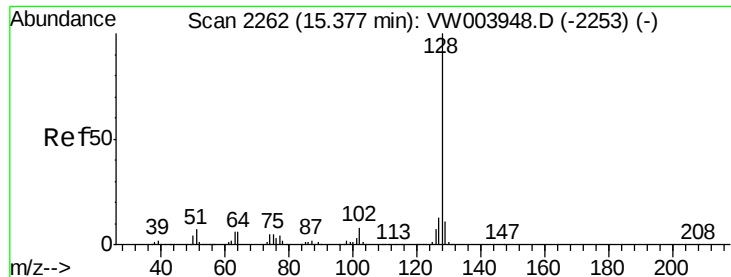
apatel
7/17/2018 10:11:00 AM



#94
Hexachlorobutadiene
Concen: 10.42 ug/l
RT: 15.25 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW003946.D
Acq: 16 Jul 2018 12:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	32.0	96.2
227	64.6	32.3	96.9





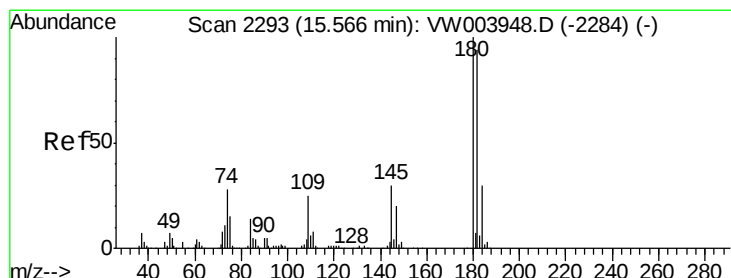
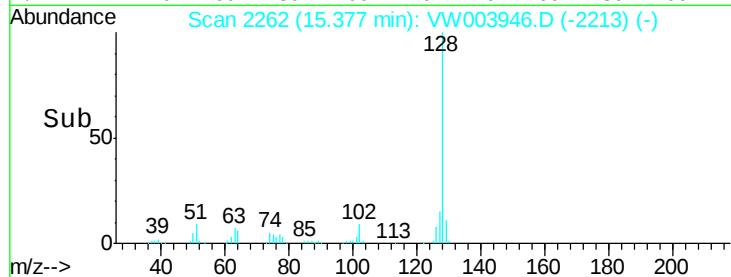
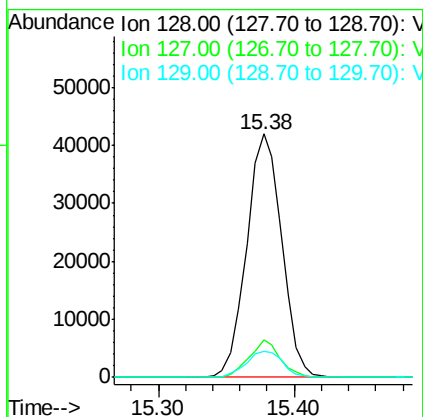
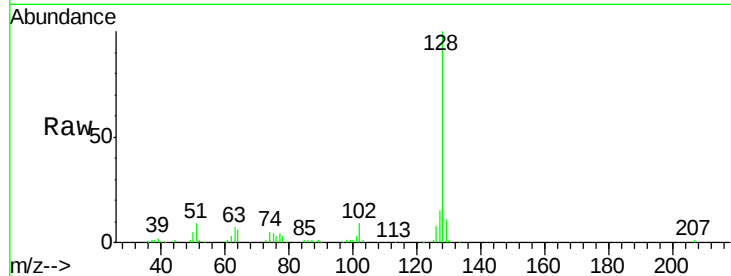
#95
Naphthalene
Concen: 9.55 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW003946.D
Acq: 16 Jul 2018 12:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.7	16.1
129	11.2	8.7	13.1

Manual Integrations
APPROVED

apatel
7/17/2018 10:11:00 AM



#96
1,2,3-Trichlorobenzene
Concen: 9.96 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW003946.D
Acq: 16 Jul 2018 12:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	47.5	142.6
145	32.0	15.8	47.4

