

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081918\
 Data File : VW004744.D
 Acq On : 17 Aug 2018 20:38
 Operator : SY/AP
 Sample : VW0819SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0819SBS01

Manual Integrations
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 8/20/2018 9:54:18 AM

Quant Time: Aug 18 02:51:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	644535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	993457	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	941449	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	508605	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	333386	53.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.00%	
35) Dibromofluoromethane	7.88	113	328785	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
50) Toluene-d8	10.33	98	1294010	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	
62) 4-Bromofluorobenzene	12.62	95	473954	53.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	91918	21.53	ug/l	98
3) Chloromethane	2.22	50	116320	20.84	ug/l	99
4) Vinyl Chloride	2.37	62	174614	21.25	ug/l	97
5) Bromomethane	2.78	94	110285	21.73	ug/l	96
6) Chloroethane	2.92	64	104076	20.99	ug/l	99
7) Trichlorofluoromethane	3.25	101	71172	18.39	ug/l	100
8) Diethyl Ether	3.68	74	79588	22.74	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	140012	21.01	ug/l	98
10) Methyl Iodide	4.27	142	215516	21.29	ug/l	99
11) Tert butyl alcohol	5.21	59	38104	109.45	ug/l	96
12) 1,1-Dichloroethene	4.03	96	137792	20.75	ug/l	98
13) Acrolein	3.90	56	51674	110.61	ug/l	98
14) Allyl chloride	4.66	41	209101	20.74	ug/l	99
15) Acrylonitrile	5.38	53	167320	114.00	ug/l	99
16) Acetone	4.14	43	161745	101.68	ug/l	100
17) Carbon Disulfide	4.38	76	455497	20.87	ug/l	98
18) Methyl Acetate	4.67	43	76821	22.54	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	194131	22.52	ug/l	96
20) Methylene Chloride	4.92	84	184897	23.14	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	149970	21.22	ug/l	99
22) Diisopropyl ether	6.31	45	441238	22.77	ug/l	97
23) Vinyl Acetate	6.26	43	1236420	112.83	ug/l	100
24) 1,1-Dichloroethane	6.21	63	271663	21.58	ug/l	100
25) 2-Butanone	7.18	43	252893	111.58	ug/l	97
26) 2,2-Dichloropropane	7.17	77	147521	20.29	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	164003	21.56	ug/l	97
28) Bromochloromethane	7.51	49	115852	21.85	ug/l	96
29) Tetrahydrofuran	7.54	42	131428	113.72	ug/l	98
30) Chloroform	7.68	83	272347	21.99	ug/l	99
31) Cyclohexane	7.95	56	249960	20.53	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	204246	20.81	ug/l	99
36) 1,1-Dichloropropene	8.09	75	209591	20.48	ug/l	100
37) Ethyl Acetate	7.26	43	92662	22.71	ug/l	98
38) Carbon Tetrachloride	8.07	117	190801	20.25	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	255155	19.94	ug/l	99
40) Benzene	8.32	78	632098	21.25	ug/l	99
41) Methacrylonitrile	7.49	41	56004	24.19	ug/l	97
42) 1,2-Dichloroethane	8.40	62	167130	21.91	ug/l	100
43) Isopropyl Acetate	8.43	43	161784	22.08	ug/l	99
44) Trichloroethene	9.09	130	155520	20.60	ug/l	99
45) 1,2-Dichloropropane	9.37	63	156241	21.48	ug/l	100
46) Dibromomethane	9.46	93	78001	21.64	ug/l	100
47) Bromodichloromethane	9.65	83	183778	21.35	ug/l	99
48) Methyl methacrylate	9.44	41	74484	21.66	ug/l	96
49) 1,4-Dioxane	9.47	88	23286	442.20	ug/l #	82
51) 4-Methyl-2-Pentanone	10.21	43	567065	114.50	ug/l	99
52) Toluene	10.39	92	383059	21.47	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	184599	21.29	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	218791	21.16	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	113049	22.07	ug/l	99
56) Ethyl methacrylate	10.65	69	132006	21.53	ug/l	99
57) 1,3-Dichloropropane	10.93	76	196498	22.22	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	319001	112.74	ug/l	99
59) 2-Hexanone	10.98	43	379557	113.11	ug/l	99
60) Dibromochloromethane	11.13	129	124370	21.64	ug/l	98
61) 1,2-Dibromoethane	11.24	107	106645	21.78	ug/l	99
64) Tetrachloroethene	10.87	164	136542	21.22	ug/l	99
65) Chlorobenzene	11.66	112	423941	20.92	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	142954	20.89	ug/l	99
67) Ethyl Benzene	11.74	91	709552	20.66	ug/l	98
68) m/p-Xylenes	11.84	106	567251	42.44	ug/l	99
69) o-Xylene	12.17	106	258275	20.88	ug/l	100
70) Styrene	12.18	104	443419	21.34	ug/l	99
71) Bromoform	12.35	173	77948	21.58	ug/l #	100
73) Isopropylbenzene	12.47	105	709811	20.51	ug/l	100
74) N-amyl acetate	12.28	43	158315	21.98	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	138455	21.60	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	107093m	23.89	ug/l	
77) Bromobenzene	12.75	156	176847	21.12	ug/l	100
78) n-propylbenzene	12.81	91	879122	20.82	ug/l	100
79) 2-Chlorotoluene	12.90	91	506070	20.79	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	618989	21.06	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	39027	20.23	ug/l	93
82) 4-Chlorotoluene	12.99	91	542082	20.96	ug/l	100
83) tert-Butylbenzene	13.21	119	509256	20.25	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	640413	21.18	ug/l	100
85) sec-Butylbenzene	13.39	105	760532	20.26	ug/l	100
86) p-Isopropyltoluene	13.51	119	677653	20.75	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	356779	20.94	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	355805	20.89	ug/l	98
89) n-Butylbenzene	13.83	91	635440	20.12	ug/l	99
90) Hexachloroethane	14.10	117	118259	19.86	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	326314	21.33	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22396	22.36	ug/l	98

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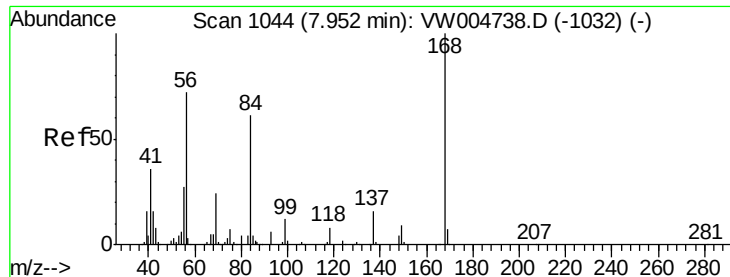
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Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:49:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	231268	21.37	ug/l	100
94) Hexachlorobutadiene	15.24	225	133567	20.11	ug/l	99
95) Naphthalene	15.38	128	404416	21.44	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	208689	21.75	ug/l	99

(#) = 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: VW004744.D

Acq: 17 Aug 2018 20:38

Instrument :

MSVOA_W

ClientSampled :

VW0819SBS01

Tot Ion:168 Resp: 644535

Ion Ratio Lower Upper

168 100

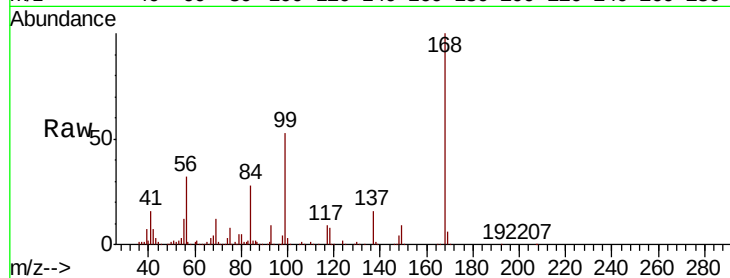
99 53.1 41.0 61.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

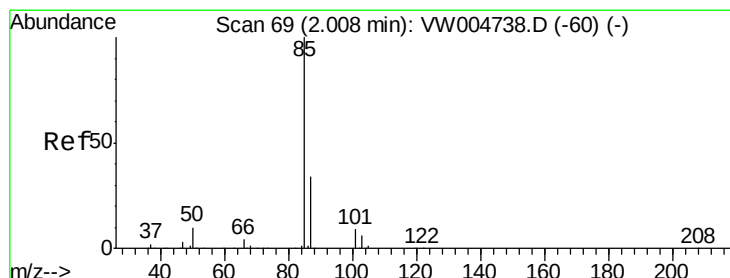
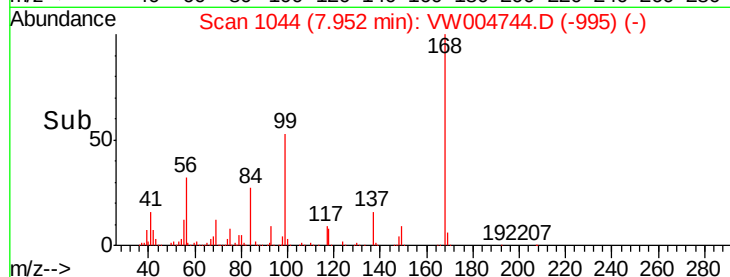
300000

200000

100000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 21.53 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VW004744.D

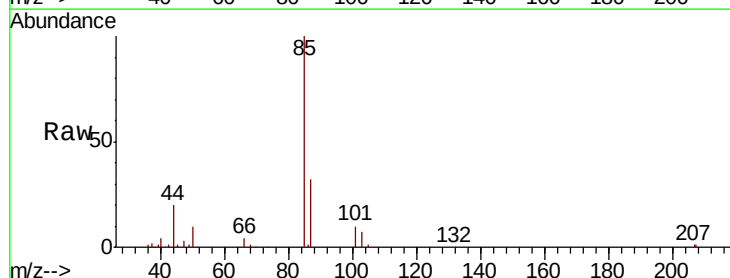
Acq: 17 Aug 2018 20:38

Tgt Ion: 85 Resp: 91918

Ion Ratio Lower Upper

85 100

87 32.4 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

25000

20000

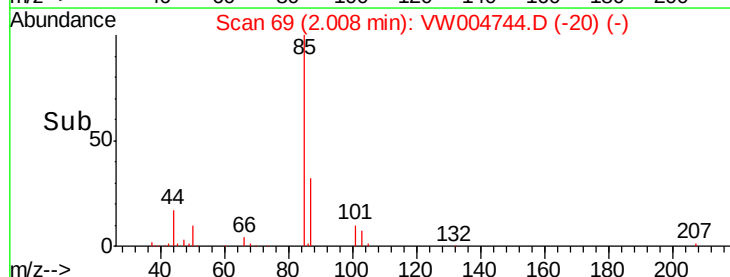
15000

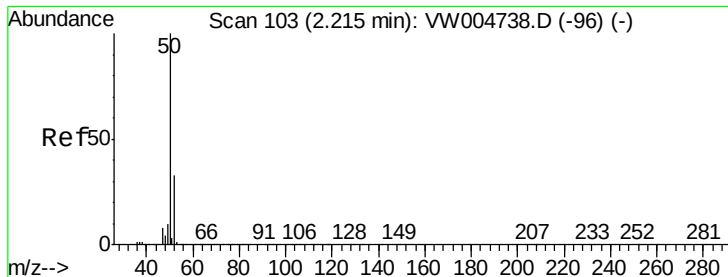
10000

5000

0

Time--> 1.90 2.00 2.10 2.20 2.30





#3

Chloromethane

Concen: 20.84 ug/l

RT: 2.22 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW004744.D

Acq: 17 Aug 2018 20:38

Instrument :

MSVOA_W

ClientSampleId :

VW0819SBS01

Tot Ion: 50 Resp: 116320

Ion Ratio Lower Upper

50 100

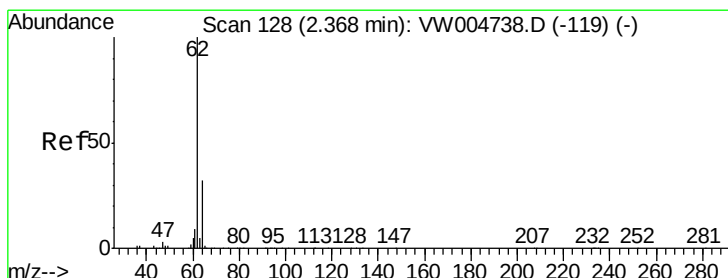
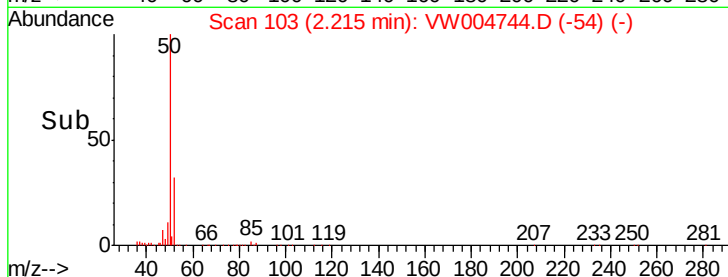
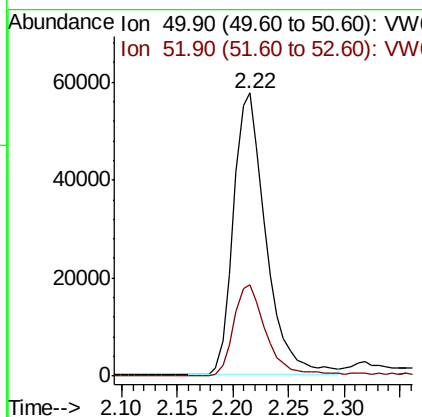
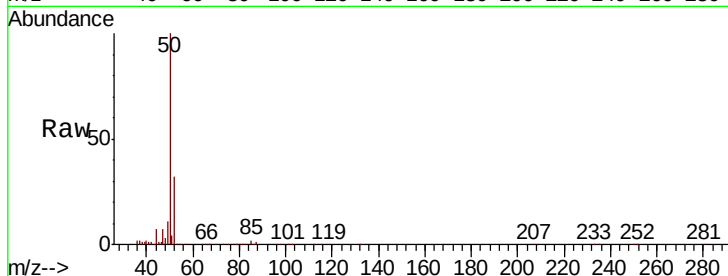
52 32.6 26.7 40.1

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#4

Vinyl Chloride

Concen: 21.25 ug/l

RT: 2.37 min Scan# 128

Delta R.T. 0.00 min

Lab File: VW004744.D

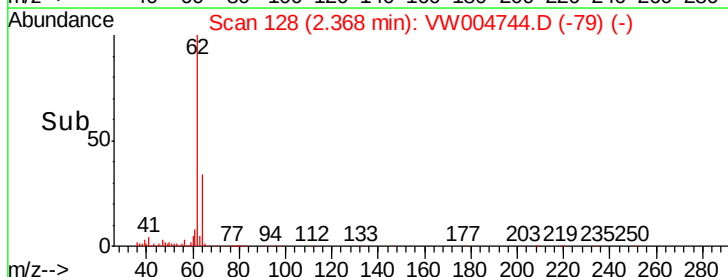
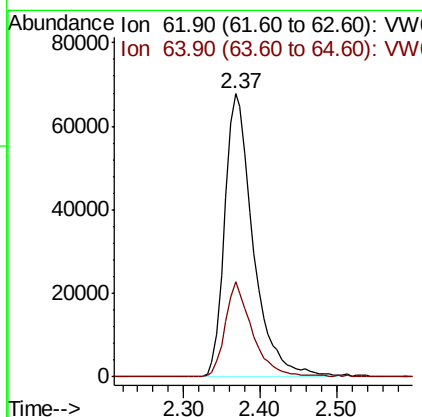
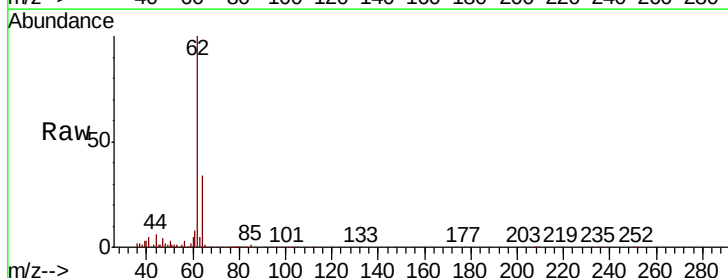
Acq: 17 Aug 2018 20:38

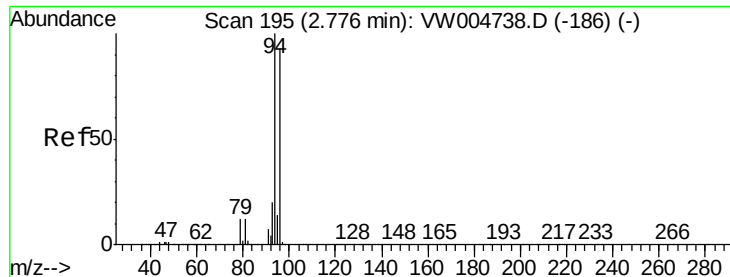
Tgt Ion: 62 Resp: 174614

Ion Ratio Lower Upper

62 100

64 33.4 25.2 37.8





#5

Bromomethane

Concen: 21.73 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VW004744.D

Acq: 17 Aug 2018 20:38

Instrument :

MSVOA_W

ClientSampleId :

VW0819SBS01

Tot Ion: 94 Resp: 110285

Ion Ratio Lower Upper

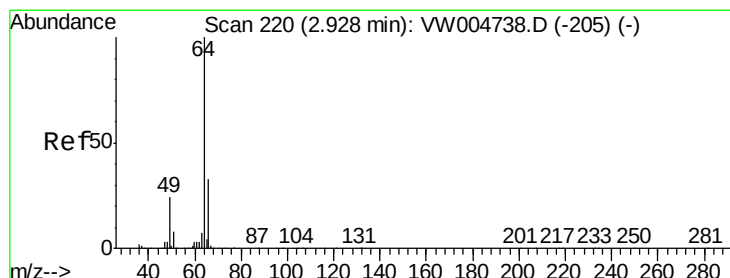
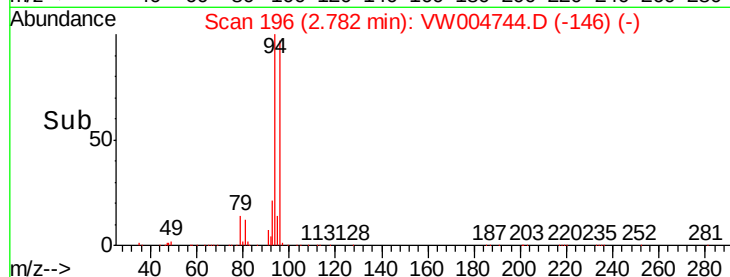
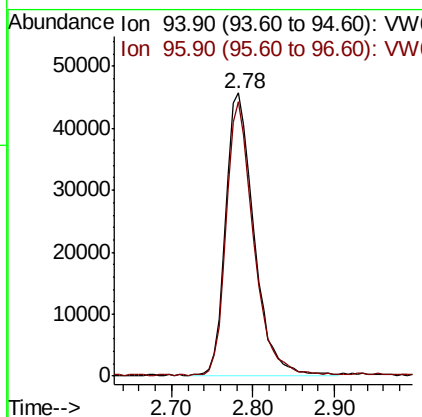
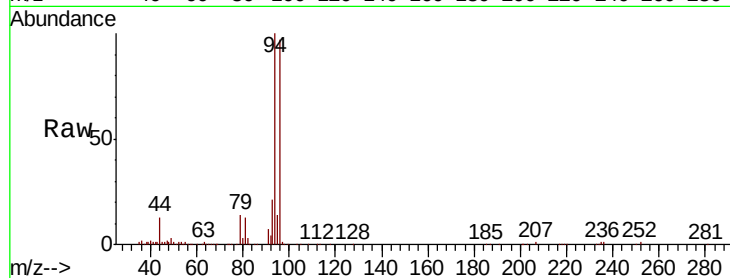
94 100

96 96.9 74.3 111.5

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#6

Chloroethane

Concen: 20.99 ug/l

RT: 2.92 min Scan# 219

Delta R.T. -0.01 min

Lab File: VW004744.D

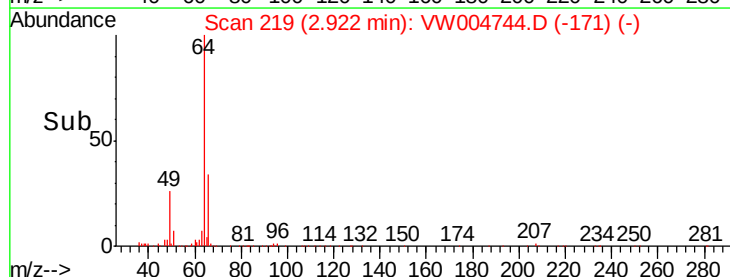
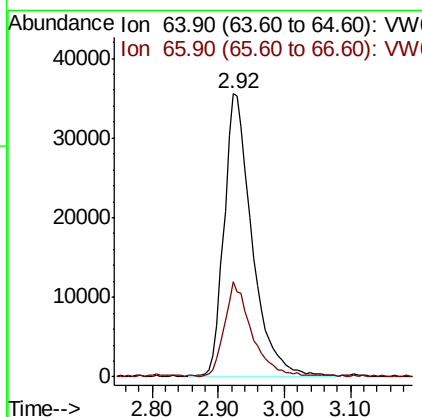
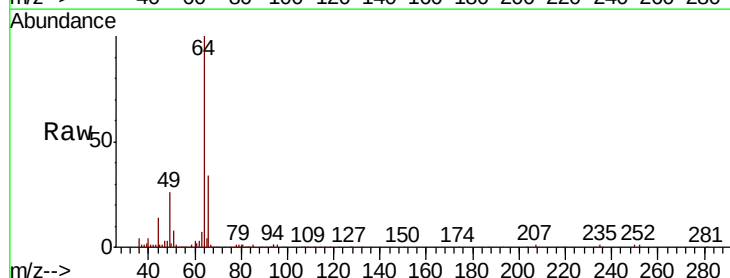
Acq: 17 Aug 2018 20:38

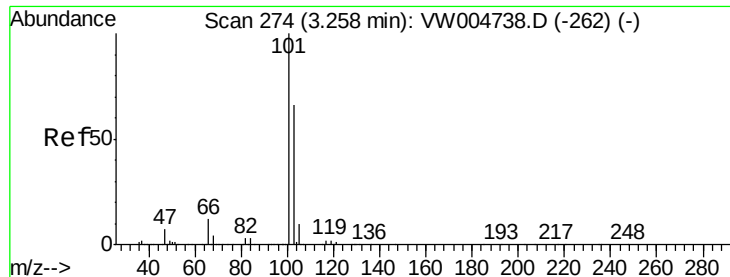
Tgt Ion: 64 Resp: 104076

Ion Ratio Lower Upper

64 100

66 33.3 26.1 39.1





#7

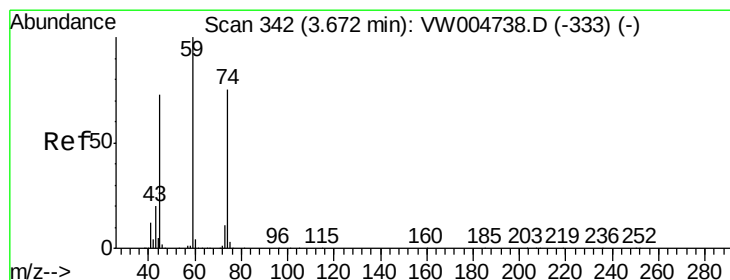
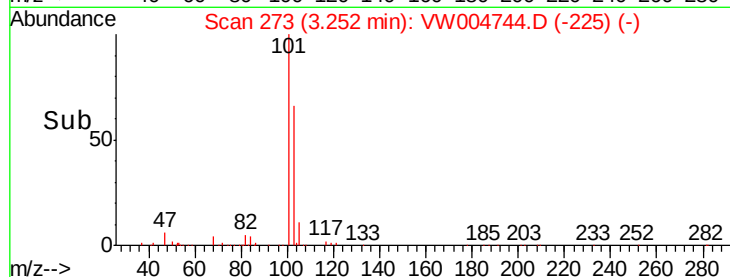
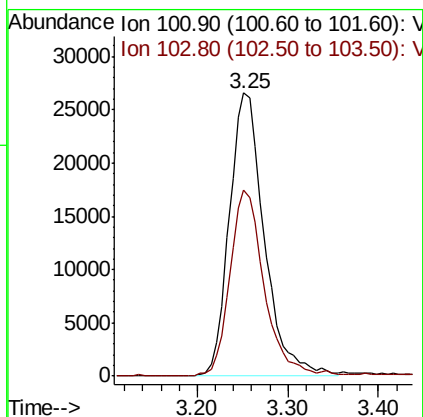
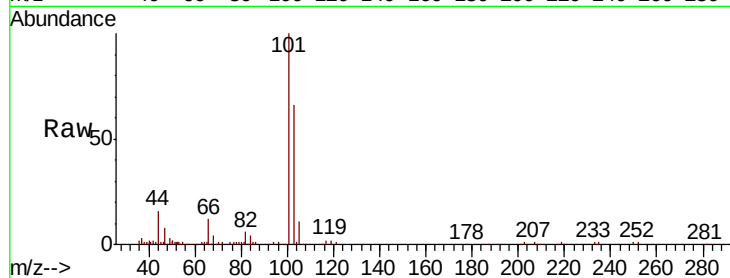
Trichlorofluoromethane
 Concen: 18.39 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. -0.01 min
 Lab File: VW004744.D
 Acq: 17 Aug 2018 20:38

Instrument :
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 ClientSampleId :
 VW0819SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	52.5	78.7

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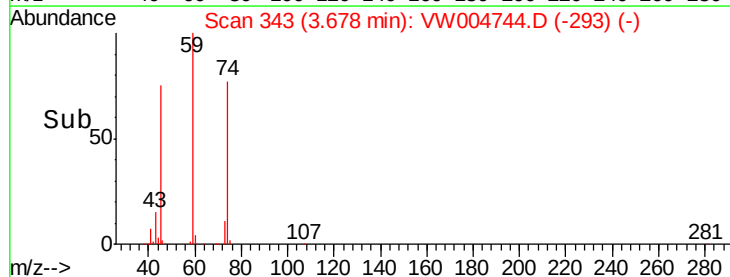
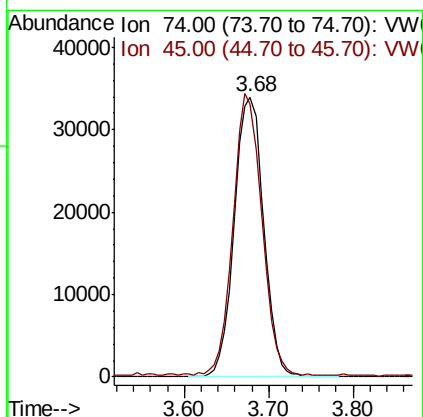
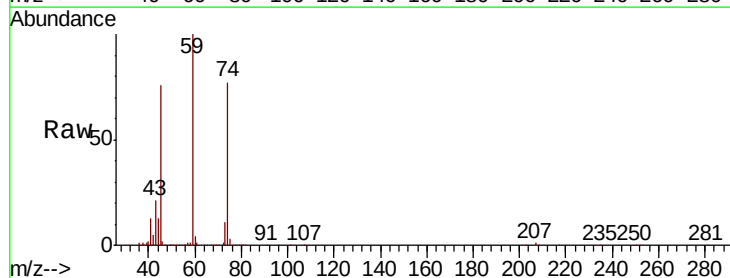
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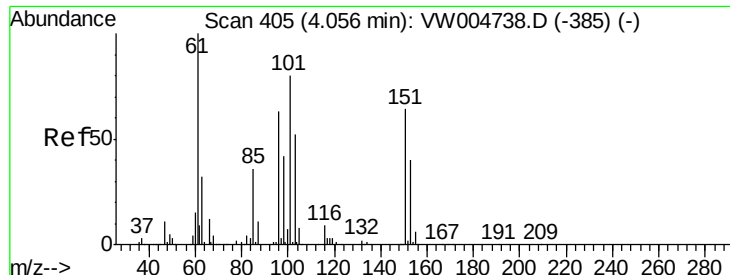


#8

Diethyl Ether
 Concen: 22.74 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.01 min
 Lab File: VW004744.D
 Acq: 17 Aug 2018 20:38

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.1	49.8	149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.01 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW004744.D

Acq: 17 Aug 2018 20:38

Instrument :

MSVOA_W

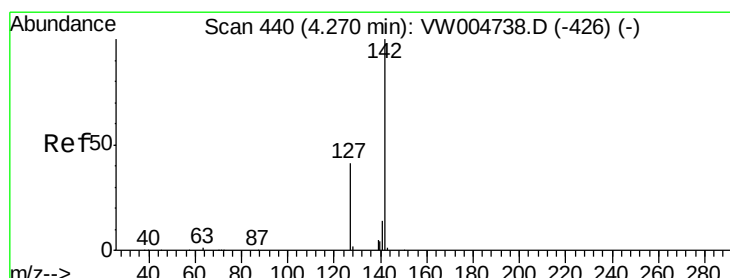
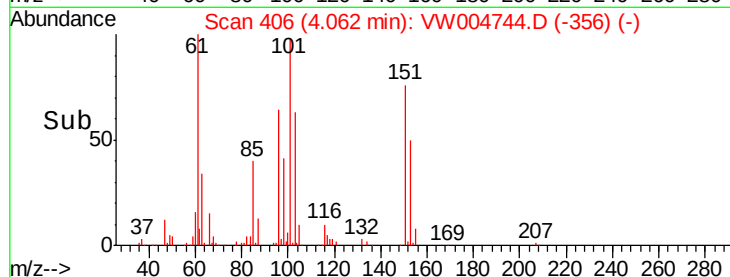
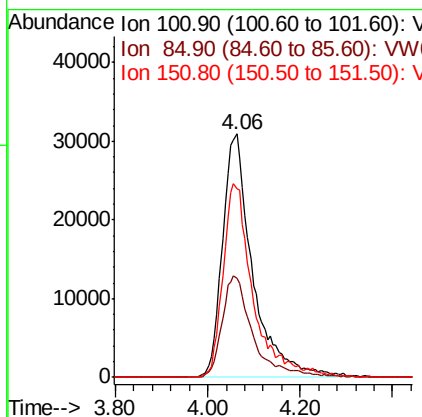
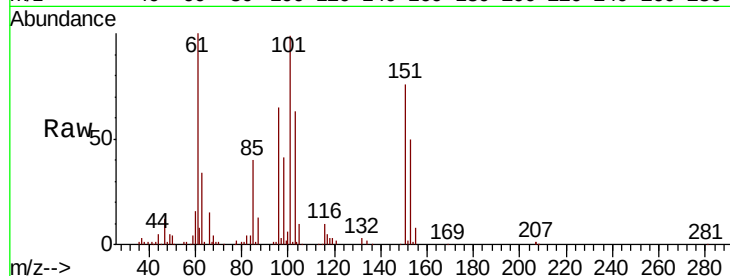
ClientSampleId :

VW0819SBS01

Tot Ion:	101	Resp:	140012
Ion Ratio	Lower	Upper	
101	100		
85	42.4	33.9	50.9
151	77.3	63.4	95.2

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#10

Methyl Iodide

Concen: 21.29 ug/l

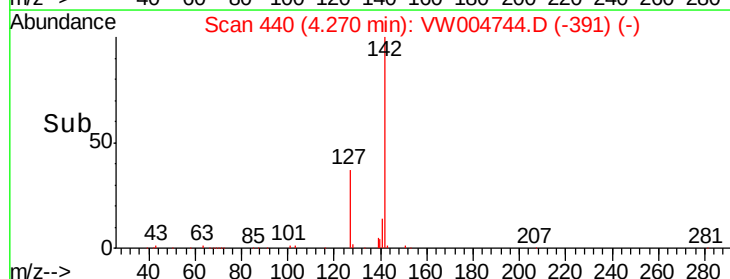
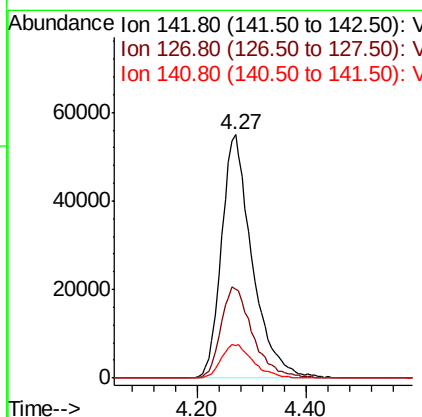
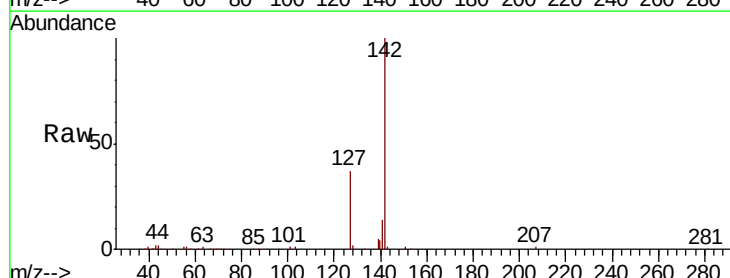
RT: 4.27 min Scan# 440

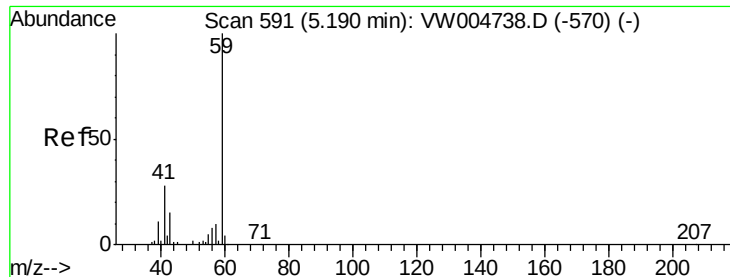
Delta R.T. 0.00 min

Lab File: VW004744.D

Acq: 17 Aug 2018 20:38

Tgt Ion:	142	Resp:	215516
Ion Ratio	Lower	Upper	
142	100		
127	38.9	32.1	48.1
141	14.5	11.7	17.5





#11

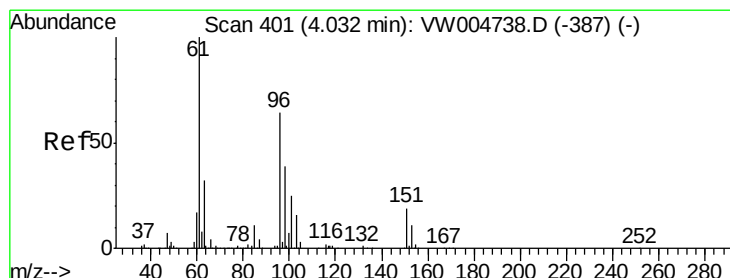
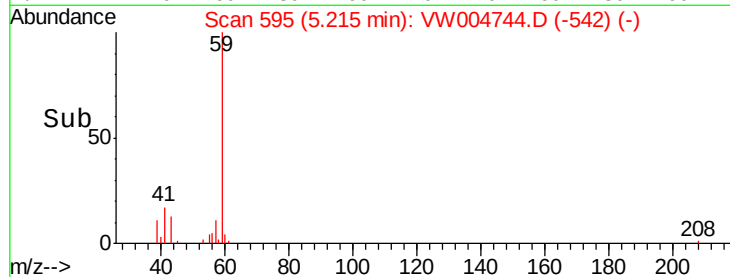
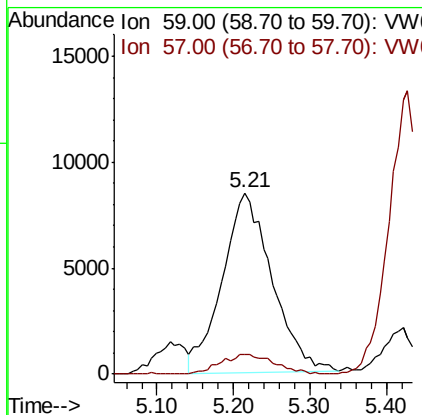
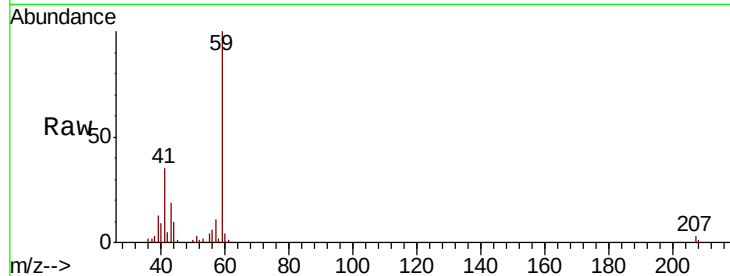
Tert butyl alcohol
Concen: 109.45 ug/l
RT: 5.21 min Scan# 595
Delta R.T. 0.02 min
Lab File: VW004744.D
Acq: 17 Aug 2018 20:38

Instrument :
MSVOA_W
ClientSampleId :
VW0819SBS01

Tot Ion	59	Resp	38104
Ion Ratio	100	Lower	Upper
57	11.9	8.4	12.6

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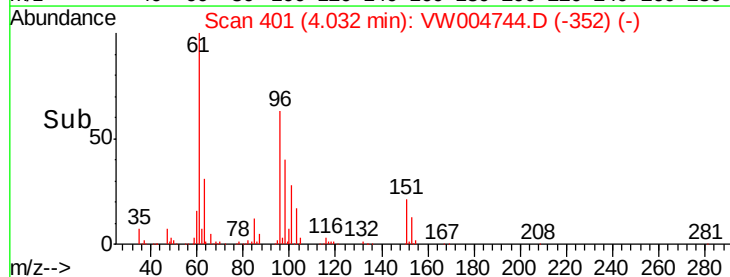
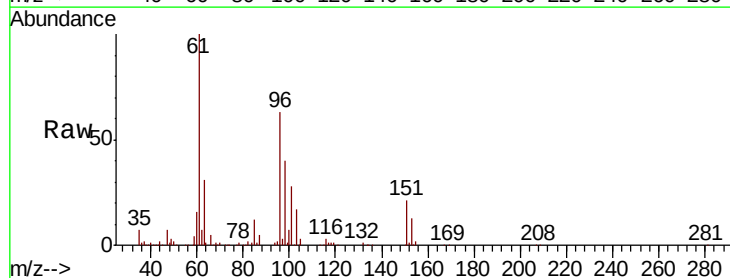
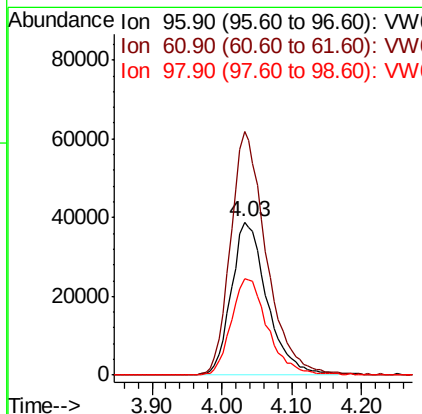
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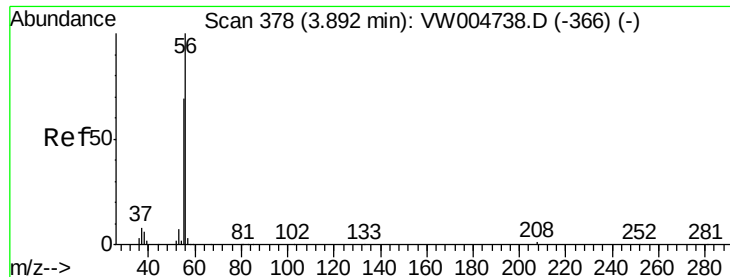


#12

1,1-Dichloroethene
Concen: 20.75 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW004744.D
Acq: 17 Aug 2018 20:38

Tgt Ion	96	Resp	137792
Ion Ratio	100	Lower	Upper
61	159.7	125.6	188.4
98	63.2	49.4	74.0





#13

Acrolein

Concen: 110.61 ug/l

RT: 3.90 min Scan# 379

Delta R.T. 0.01 min

Lab File: VW004744.D

Acq: 17 Aug 2018 20:38

Instrument :

MSVOA_W

ClientSampleId :

VW0819SBS01

Tot Ion: 56 Resp: 51674

Ion Ratio Lower Upper

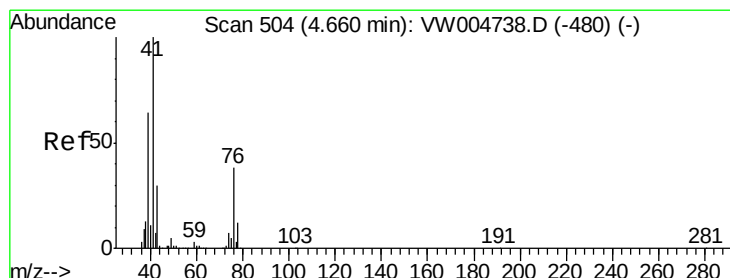
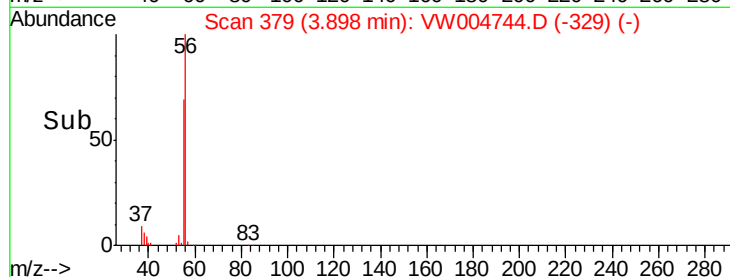
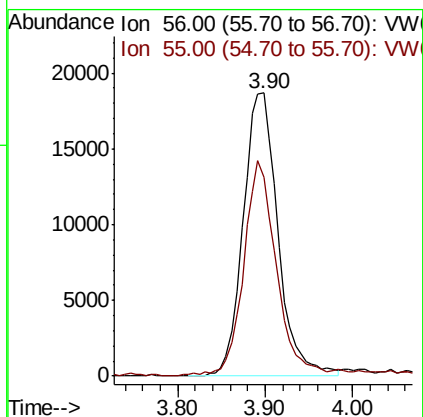
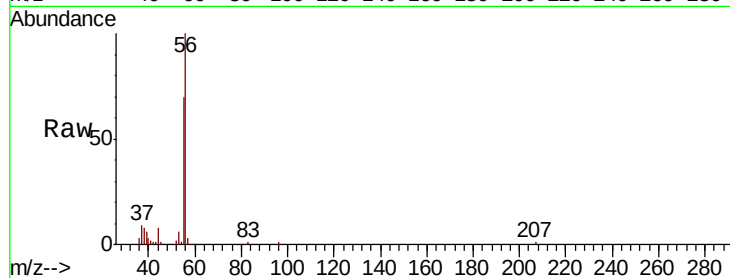
56 100

55 71.6 56.1 84.1

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#14

Allyl chloride

Concen: 20.74 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW004744.D

Acq: 17 Aug 2018 20:38

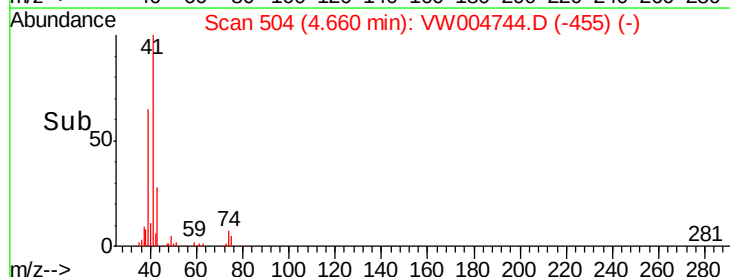
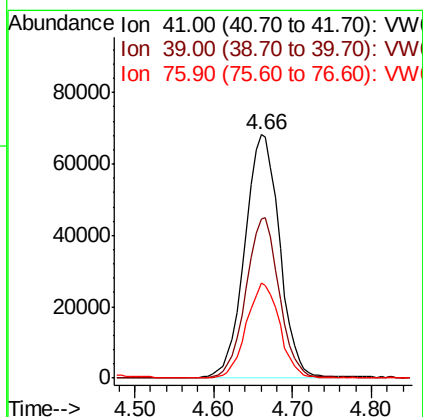
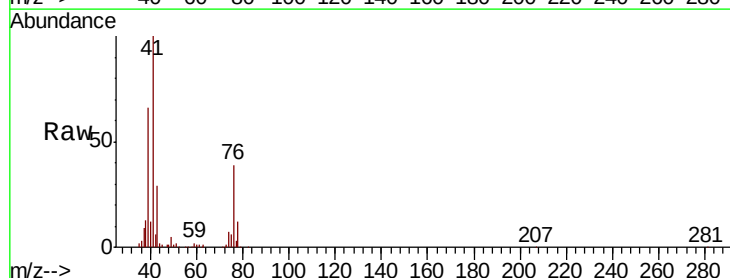
Tgt Ion: 41 Resp: 209101

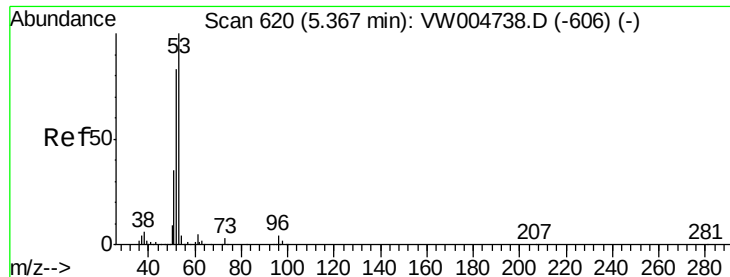
Ion Ratio Lower Upper

41 100

39 62.9 50.0 75.0

76 36.9 29.8 44.6





#15

Acrylonitrile

Concen: 114.00 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.01 min

Lab File: VW004744.D

Acq: 17 Aug 2018 20:38

Instrument :

MSVOA_W

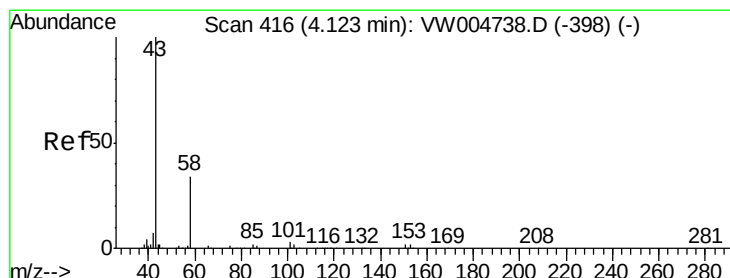
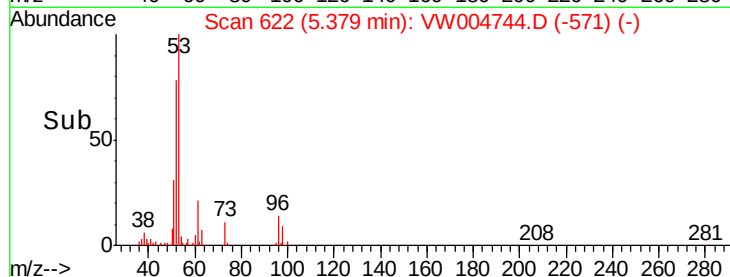
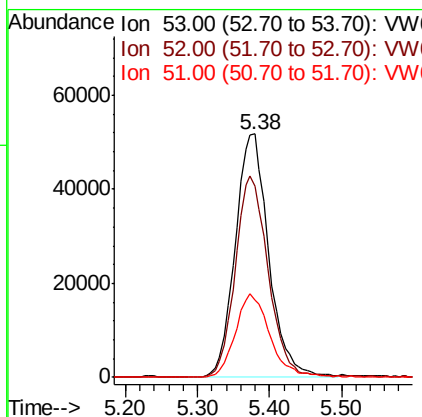
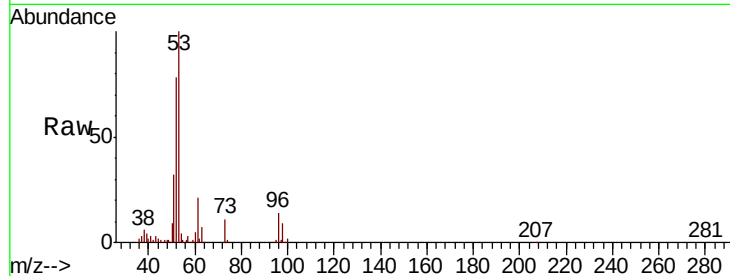
ClientSampleId :

VW0819SBS01

Tot Ion:	53	Resp:	167320
Ion Ratio	Lower	Upper	
53	100		
52	81.7	65.8	98.6
51	35.2	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 101.68 ug/l

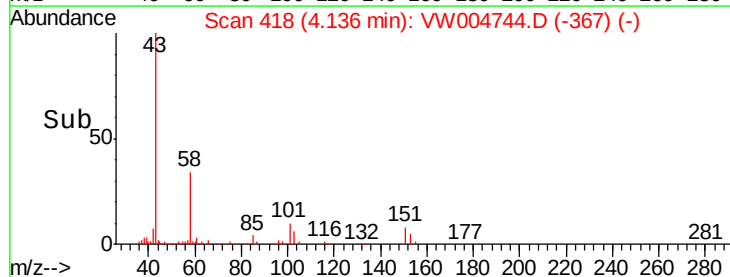
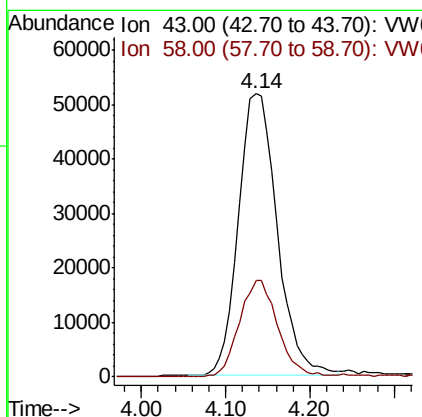
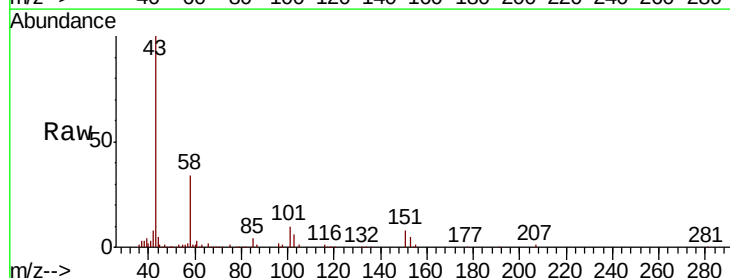
RT: 4.14 min Scan# 418

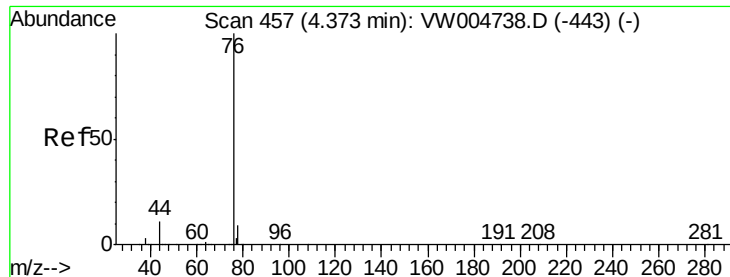
Delta R.T. 0.01 min

Lab File: VW004744.D

Acq: 17 Aug 2018 20:38

Tgt Ion:	43	Resp:	161745
Ion Ratio	Lower	Upper	
43	100		
58	33.9	27.3	40.9





#17

Carbon Disulfide

Concen: 20.87 ug/l

RT: 4.38 min Scan# 458

Delta R.T. 0.01 min

Lab File: VW004744.D

Acq: 17 Aug 2018 20:38

Instrument :

MSVOA_W

ClientSampleId :

VW0819SBS01

Tot Ion: 76 Resp: 455497

Ion Ratio Lower Upper

76 100

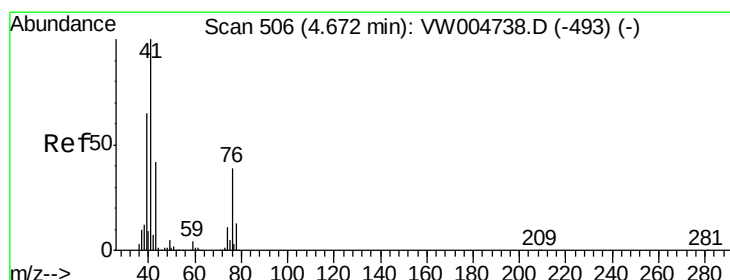
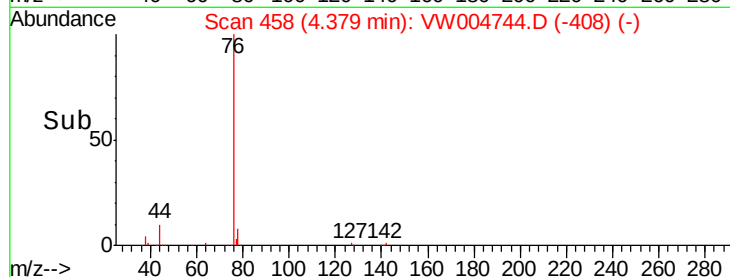
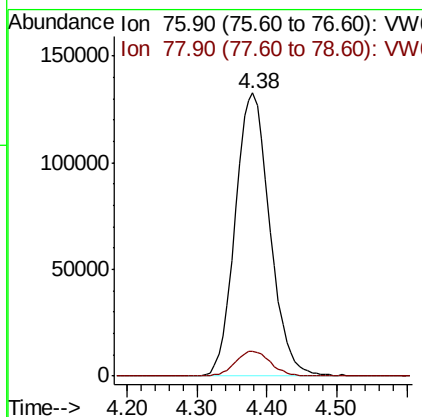
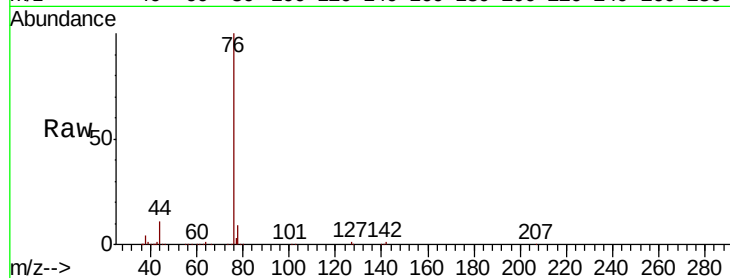
78 8.7 7.4 11.2

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#18

Methyl Acetate

Concen: 22.54 ug/l

RT: 4.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: VW004744.D

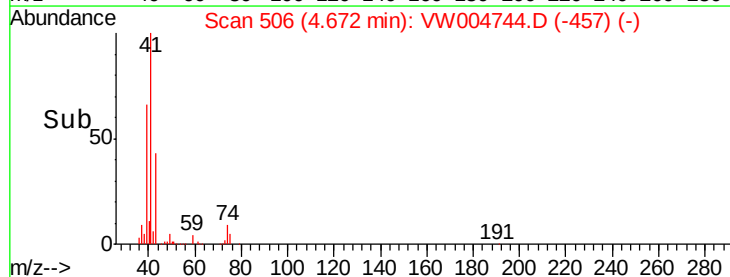
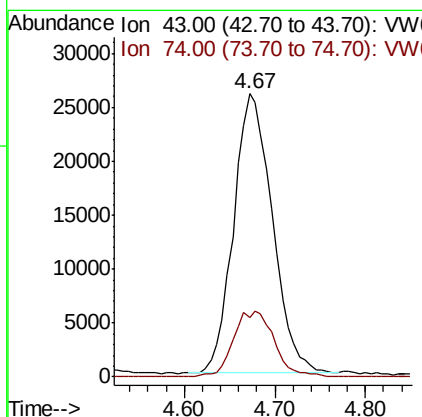
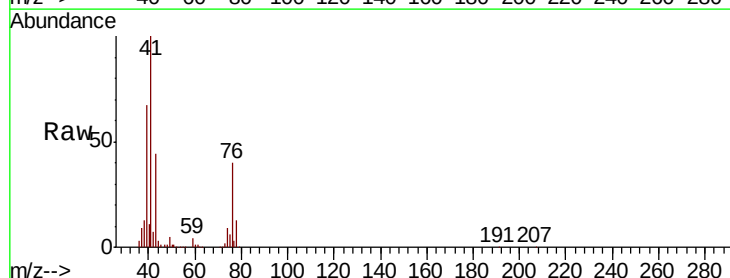
Acq: 17 Aug 2018 20:38

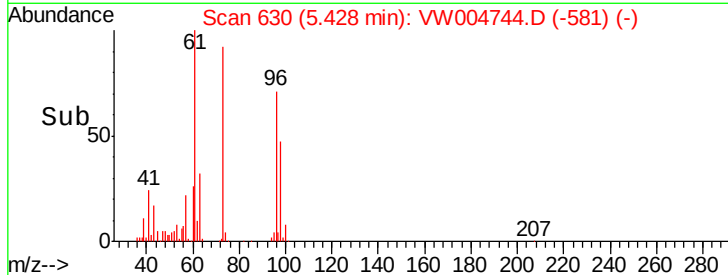
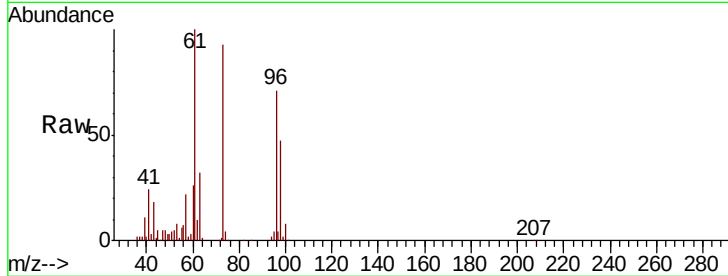
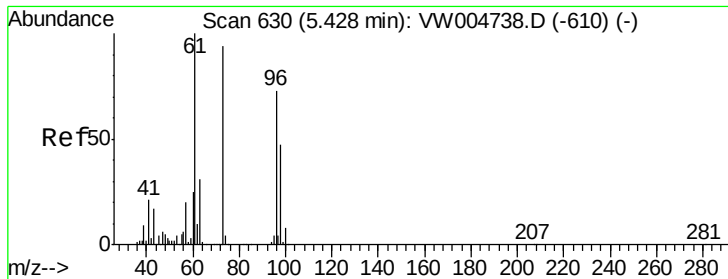
Tgt Ion: 43 Resp: 76821

Ion Ratio Lower Upper

43 100

74 24.9 19.8 29.8





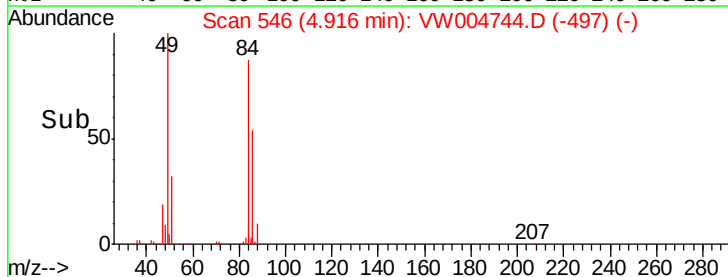
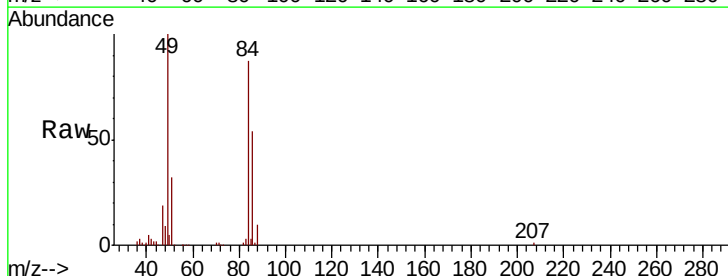
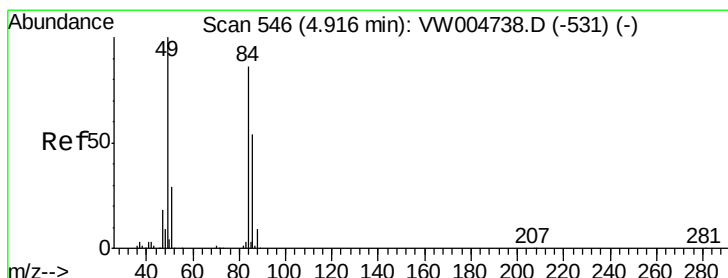
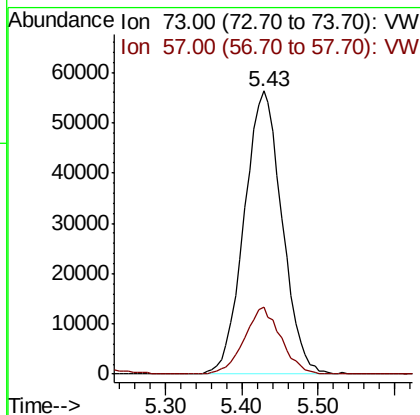
#19
Methyl tert-butyl Ether
Concen: 22.52 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW004744.D
Acq: 17 Aug 2018 20:38

Tot Ion	73	Resp	194131
Ion	Ratio	Lower	Upper
73	100		
57	23.7	17.3	25.9

Instrument :
MSVOA_W
ClientSampleId :
VW0819SBS01

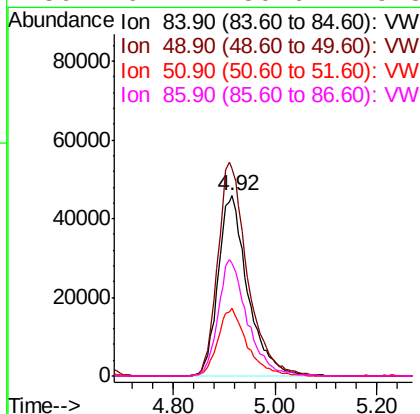
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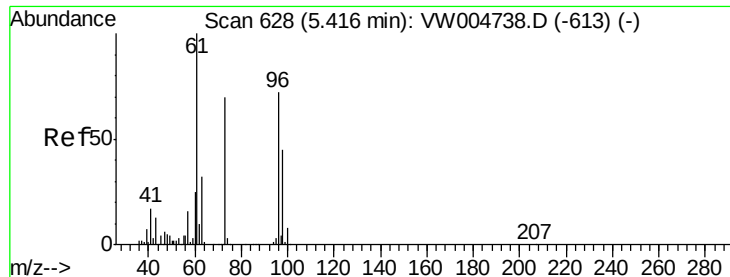
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#20
Methylene Chloride
Concen: 23.14 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.00 min
Lab File: VW004744.D
Acq: 17 Aug 2018 20:38

Tgt Ion	84	Resp	184897
Ion	Ratio	Lower	Upper
84	100		
49	115.4	93.2	139.8
51	37.4	27.4	41.0
86	62.7	50.6	75.8





#21

trans-1,2-Dichloroethene

Concen: 21.22 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW004744.D

Acq: 17 Aug 2018 20:38

Instrument :

MSVOA_W

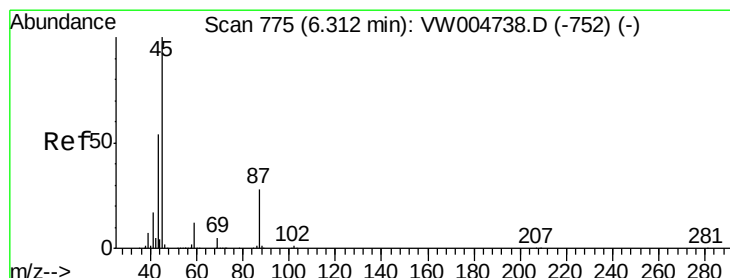
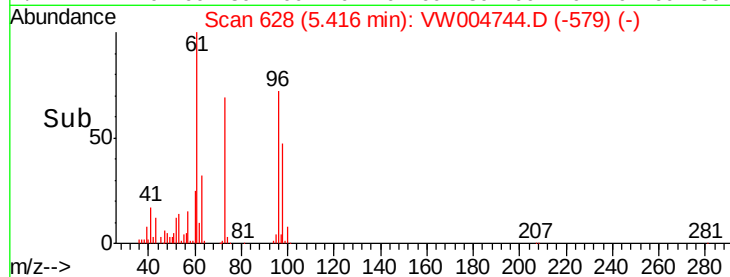
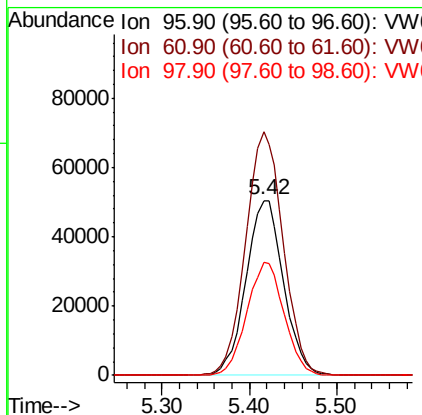
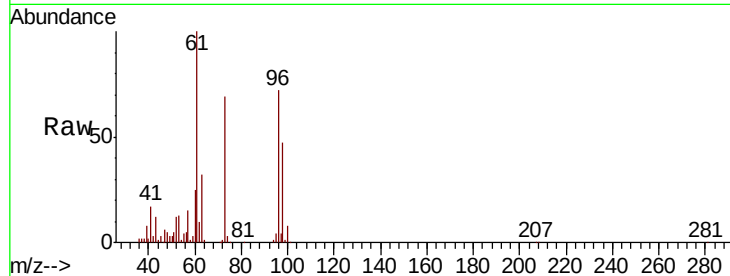
ClientSampleId :

VW0819SBS01

Tot Ion:	96	Resp:	149970
Ion	Ratio	Lower	Upper
96	100		
61	139.5	111.4	167.0
98	64.9	49.7	74.5

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#22

Diisopropyl ether

Concen: 22.77 ug/l

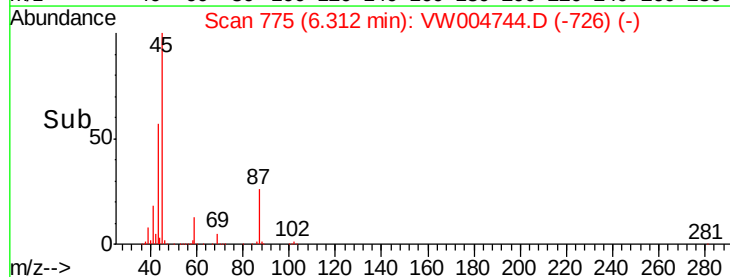
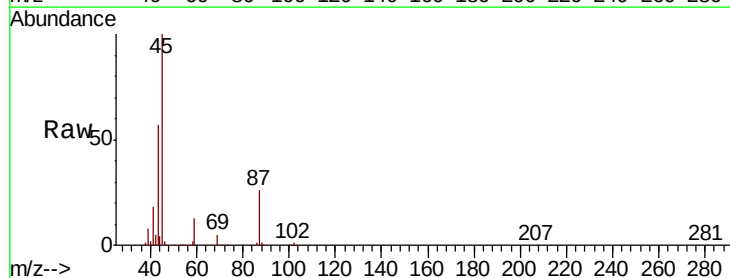
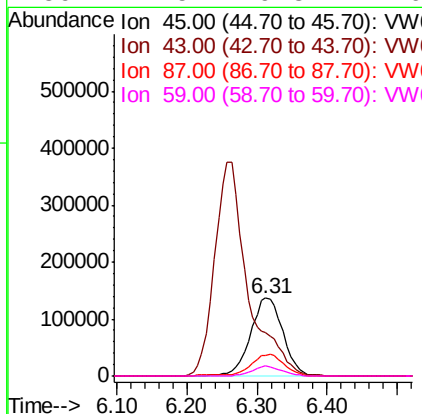
RT: 6.31 min Scan# 775

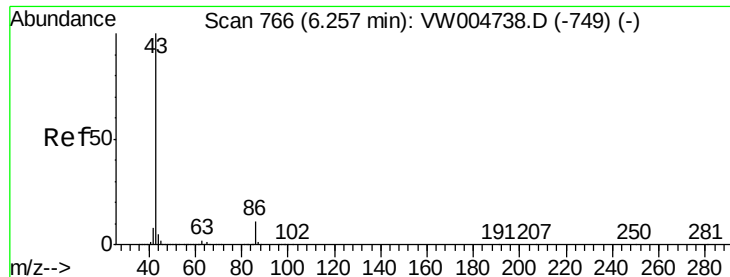
Delta R.T. 0.00 min

Lab File: VW004744.D

Acq: 17 Aug 2018 20:38

Tgt Ion:	45	Resp:	441238
Ion	Ratio	Lower	Upper
45	100		
43	56.0	43.0	64.6
87	26.0	22.2	33.4
59	12.5	9.8	14.6





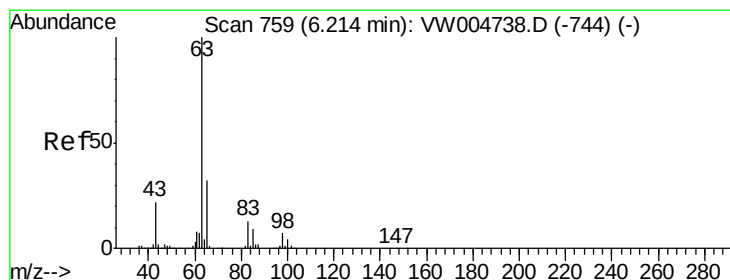
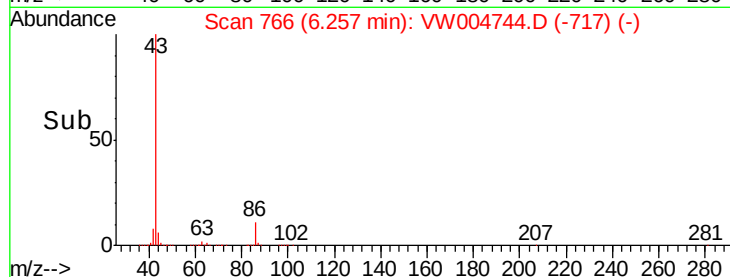
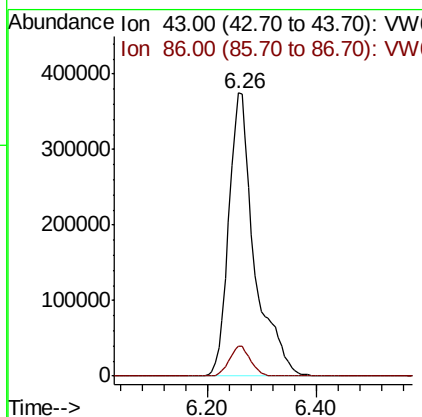
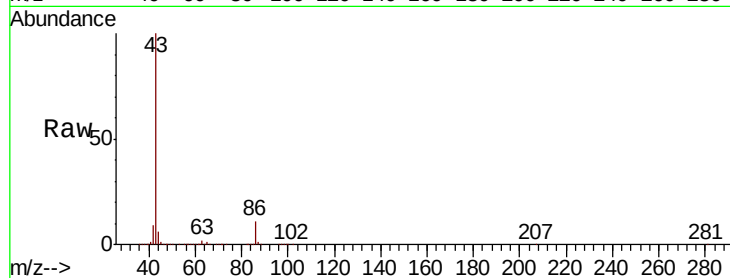
#23
 Vinyl Acetate
 Concen: 112.83 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: VW004744.D
 Acq: 17 Aug 2018 20:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0819SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
86	10.6	8.5	12.7

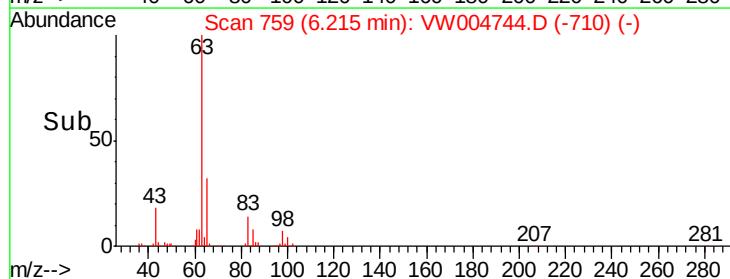
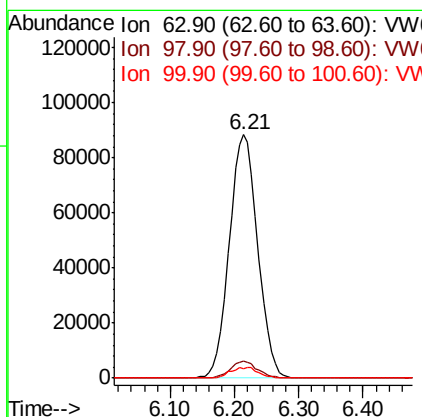
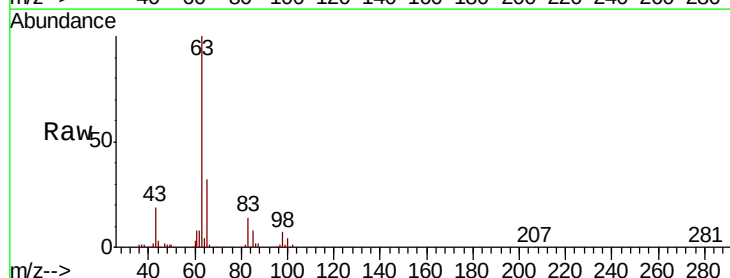
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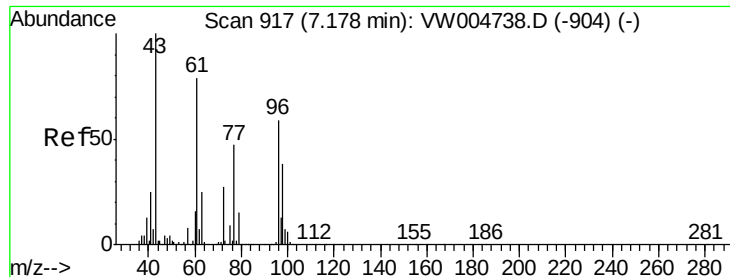
apatel
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#24
 1,1-Dichloroethane
 Concen: 21.58 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: VW004744.D
 Acq: 17 Aug 2018 20:38

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.5	10.4
100	4.0	2.1	6.3





#25

2-Butanone

Concen: 111.58 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW004744.D

Acq: 17 Aug 2018 20:38

Instrument :

MSVOA_W

ClientSampled :

VW0819SBS01

Tot Ion: 43 Resp: 252893

Ion Ratio Lower Upper

43 100

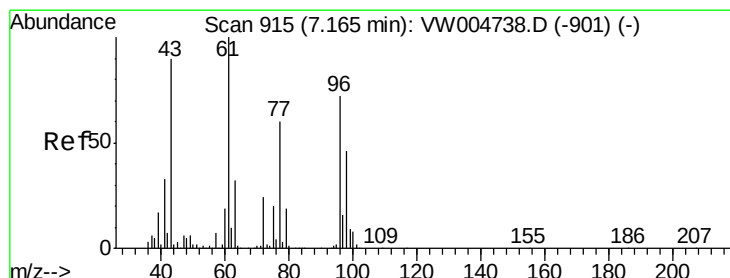
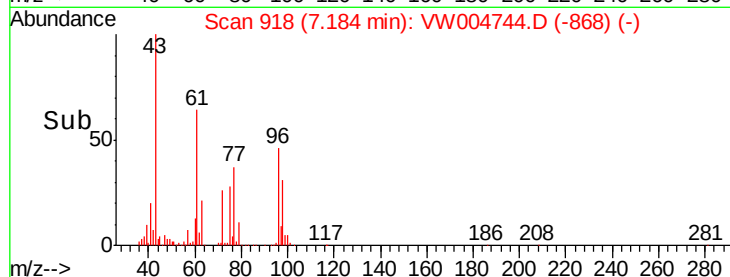
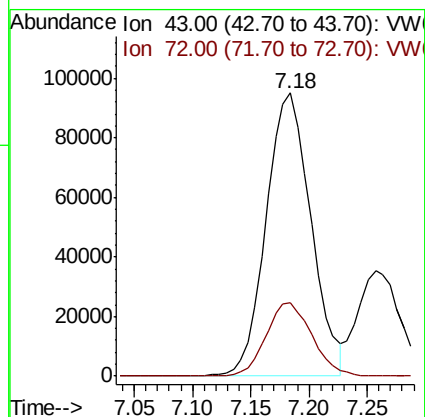
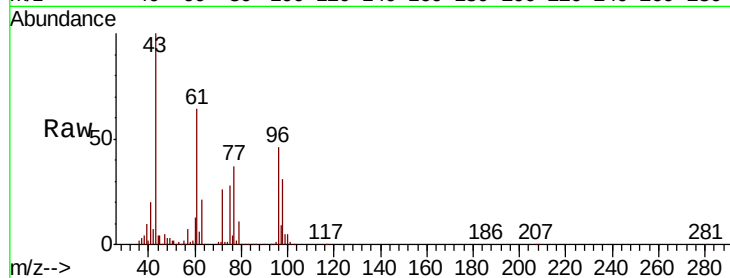
72 26.0 22.0 33.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.29 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW004744.D

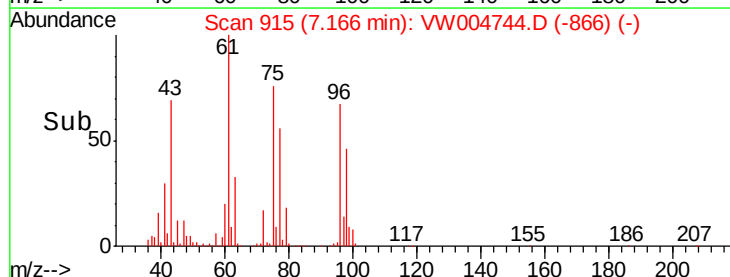
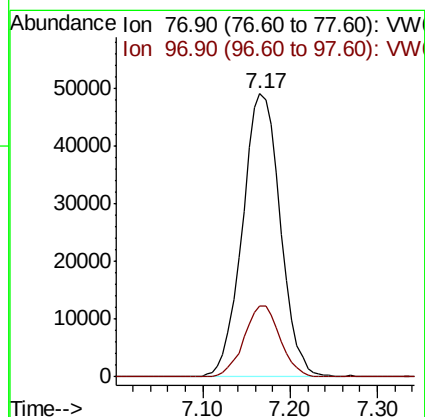
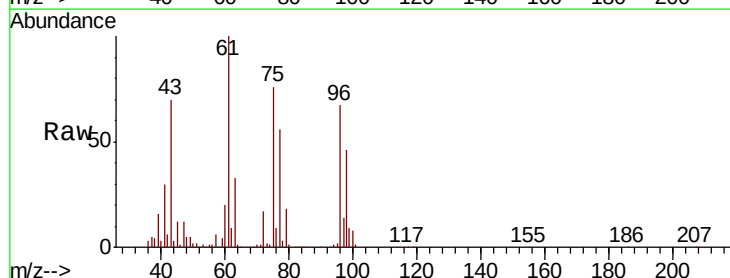
Acq: 17 Aug 2018 20:38

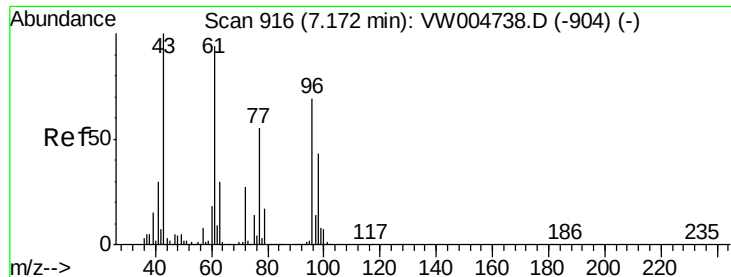
Tgt Ion: 77 Resp: 147521

Ion Ratio Lower Upper

77 100

97 24.0 12.6 37.8





#27

cis-1,2-Dichloroethene

Concen: 21.56 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW004744.D

Acq: 17 Aug 2018 20:38

Instrument :

MSVOA_W

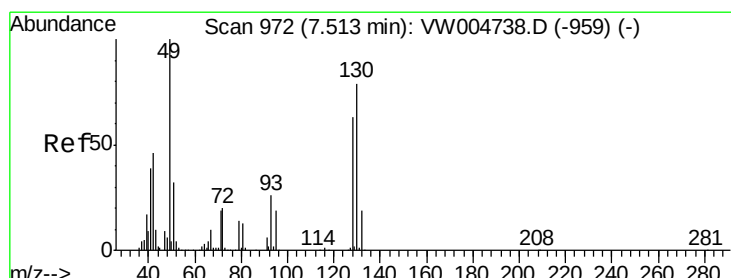
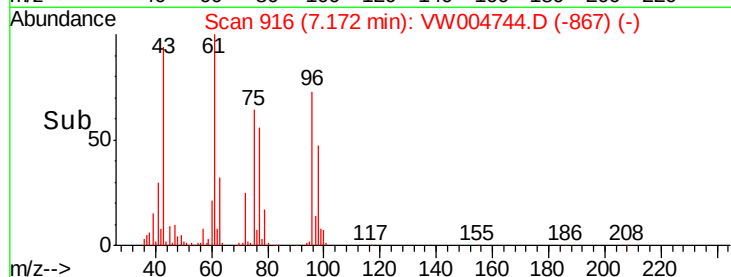
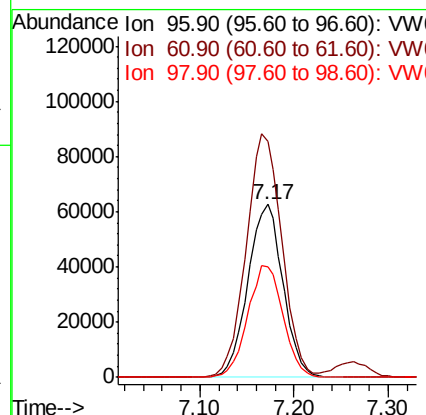
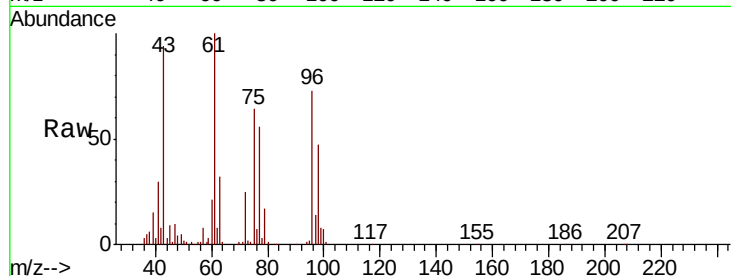
ClientSampleId :

VW0819SBS01

Tot Ion:	96	Resp:	164003
Ion	Ratio	Lower	Upper
96	100		
61	142.8	0.0	277.6
98	64.8	0.0	127.4

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#28

Bromochloromethane

Concen: 21.85 ug/l

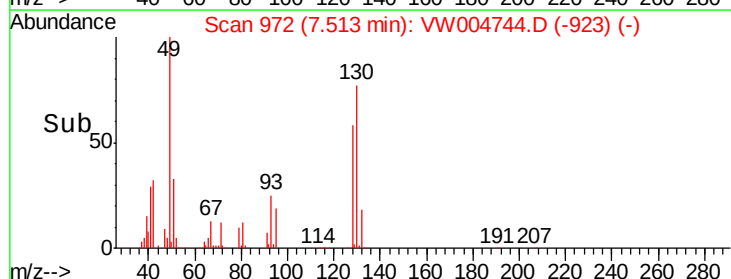
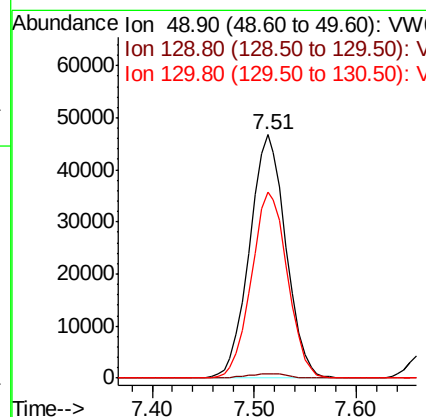
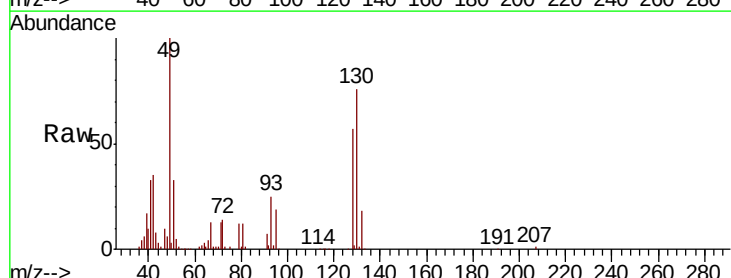
RT: 7.51 min Scan# 972

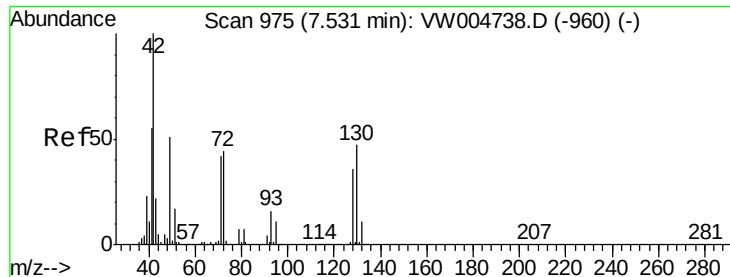
Delta R.T. 0.00 min

Lab File: VW004744.D

Acq: 17 Aug 2018 20:38

Tgt Ion:	49	Resp:	115852
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.4
130	76.0	63.7	95.5





#29

Tetrahydrofuran

Concen: 113.72 ug/l

RT: 7.54 min Scan# 976

Delta R.T. 0.01 min

Lab File: VW004744.D

Acq: 17 Aug 2018 20:38

Instrument :

MSVOA_W

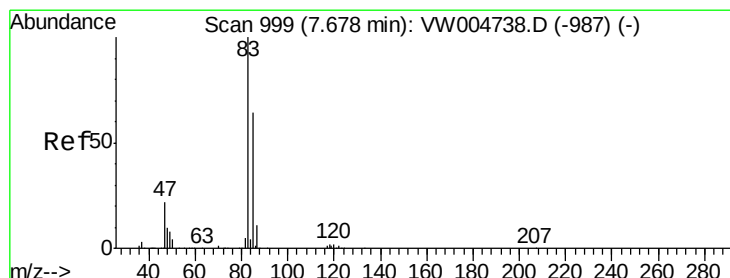
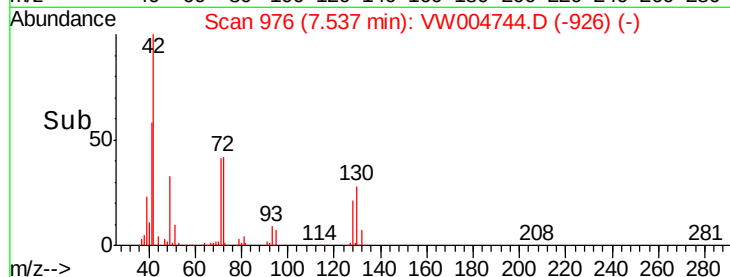
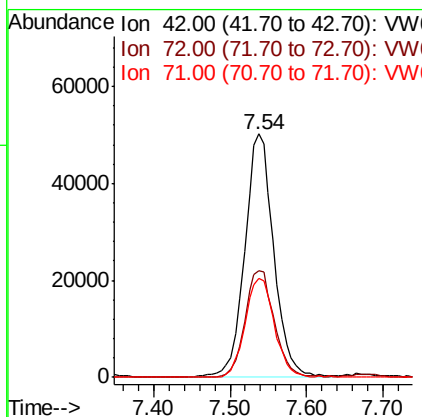
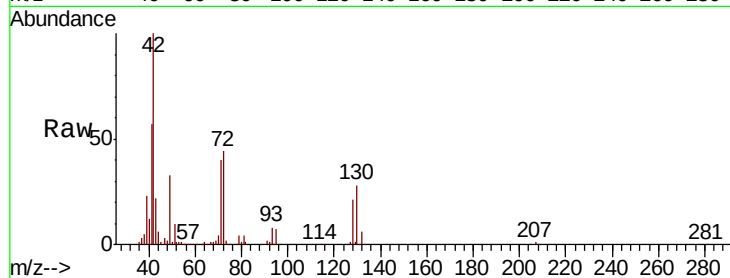
ClientSampleId :

VW0819SBS01

Tot Ion:	42	Resp:	131428
Ion Ratio		Lower	Upper
42	100		
72	44.7	34.9	52.3
71	41.3	33.8	50.6

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#30

Chloroform

Concen: 21.99 ug/l

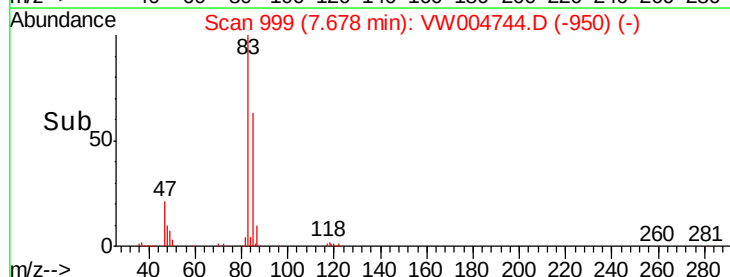
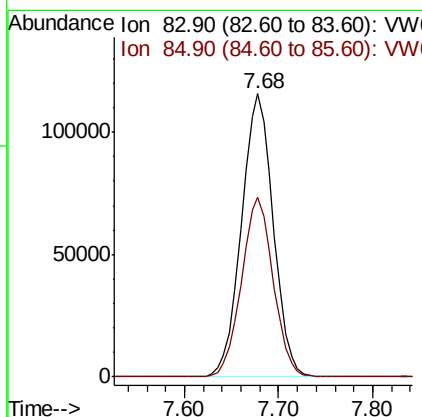
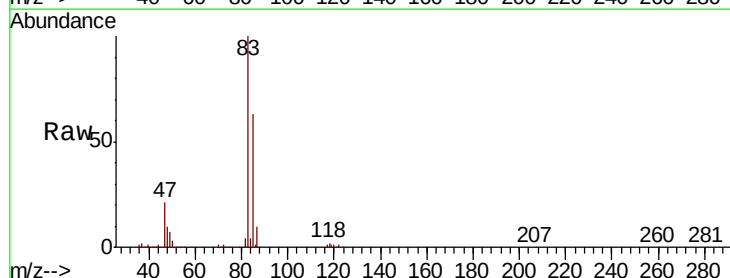
RT: 7.68 min Scan# 999

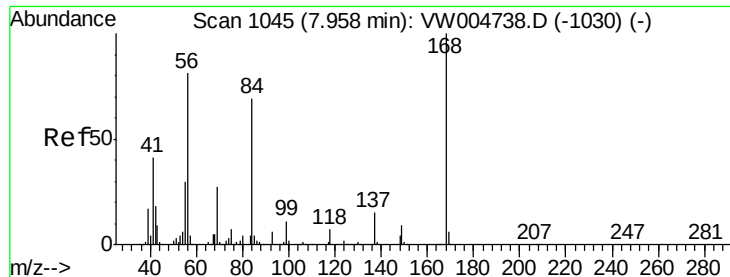
Delta R.T. 0.00 min

Lab File: VW004744.D

Acq: 17 Aug 2018 20:38

Tgt Ion:	83	Resp:	272347
Ion Ratio		Lower	Upper
83	100		
85	63.4	51.0	76.6





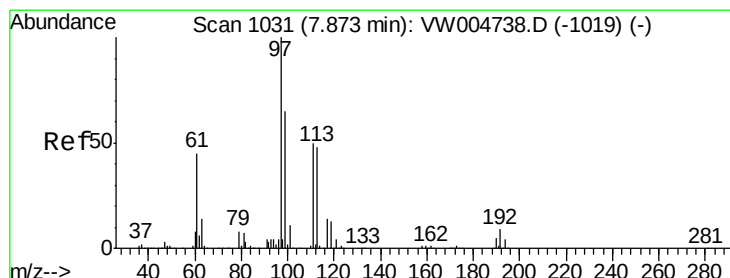
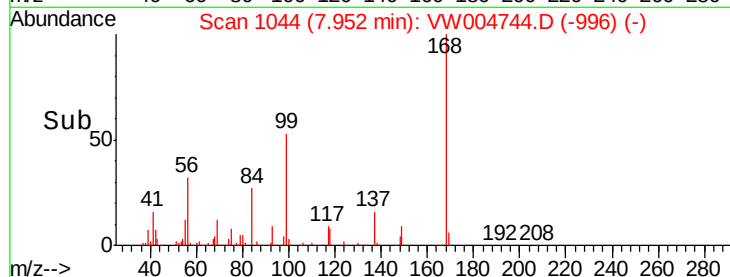
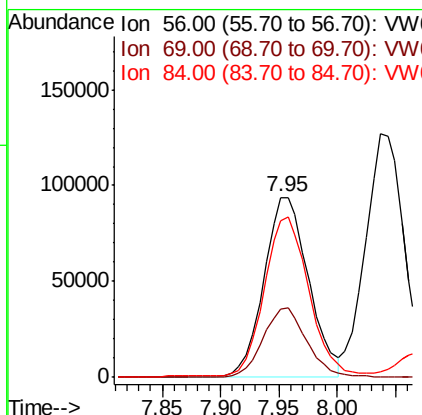
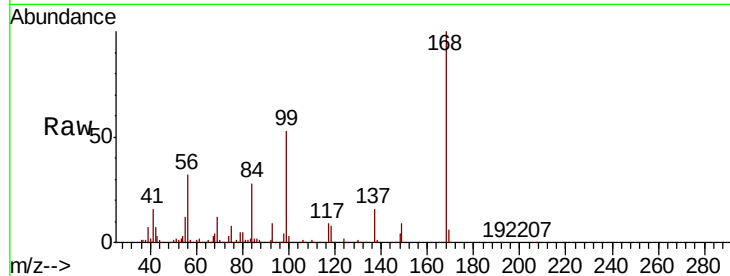
#31
Cyclohexane
Concen: 20.53 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW004744.D
Acq: 17 Aug 2018 20:38

Instrument :
MSVOA_W
ClientSampleId :
VW0819SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.2	27.1	40.7
84	86.3	68.3	102.5

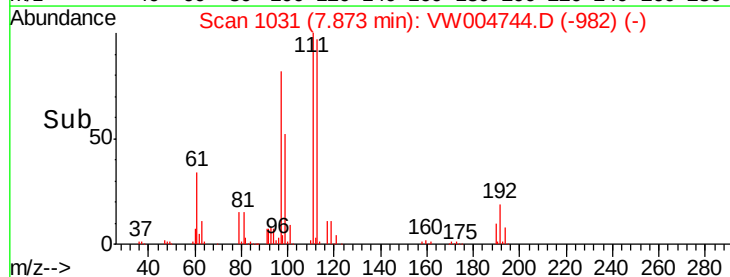
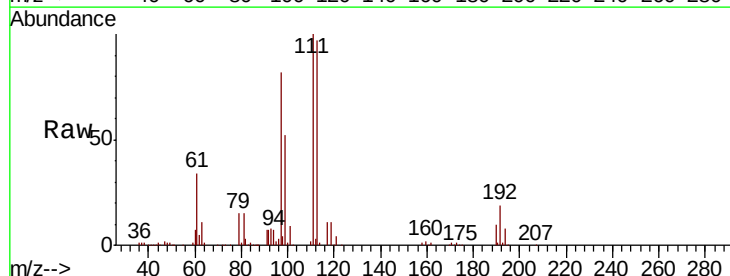
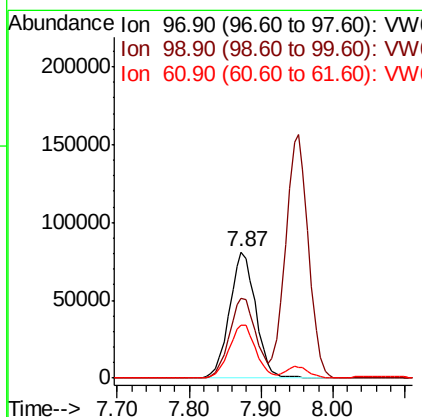
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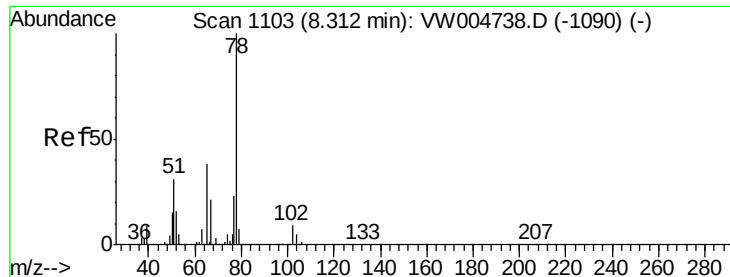
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#32
1,1,1-Trichloroethane
Concen: 20.81 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW004744.D
Acq: 17 Aug 2018 20:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.7	77.5
61	43.3	34.4	51.6





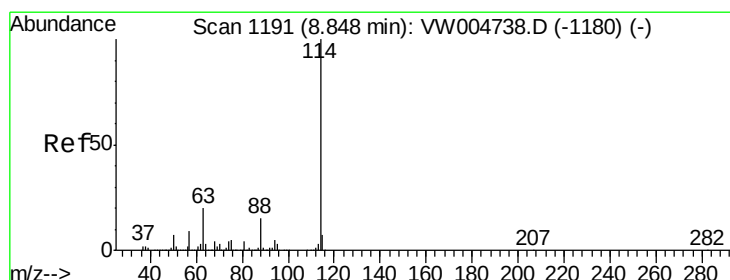
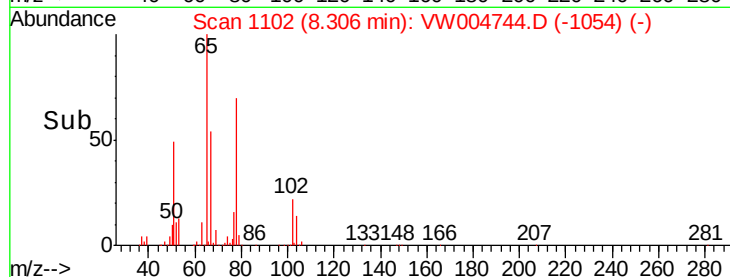
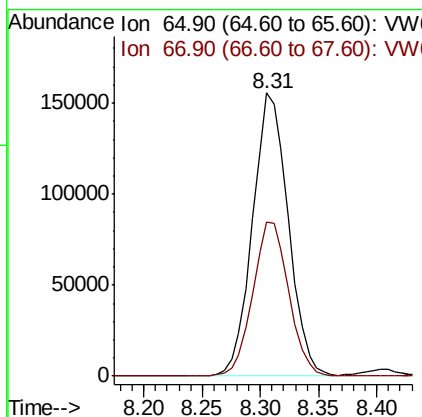
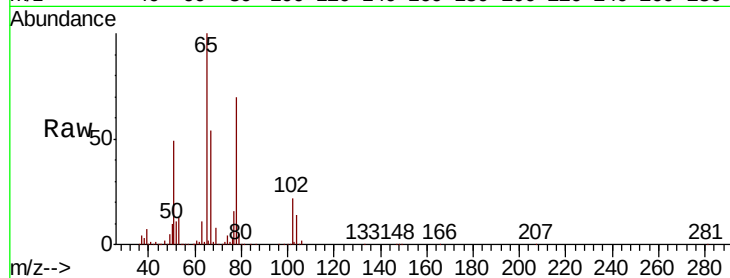
#33
 1,2-Dichloroethane-d4
 Concen: 53.50 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: VW004744.D
 Acq: 17 Aug 2018 20:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0819SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.2	0.0	109.4	

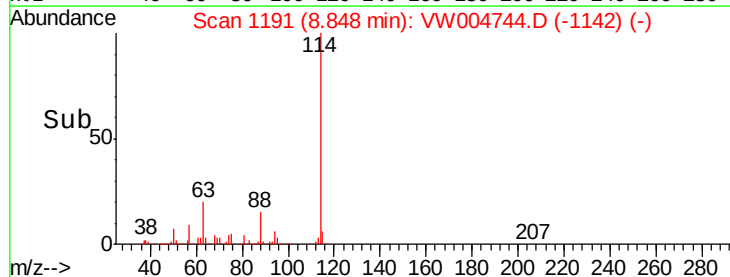
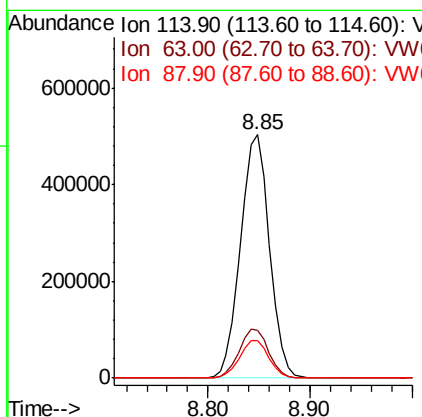
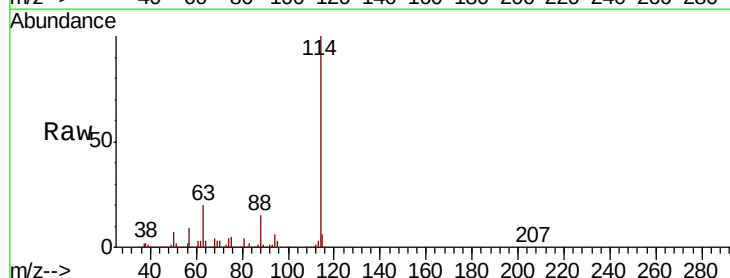
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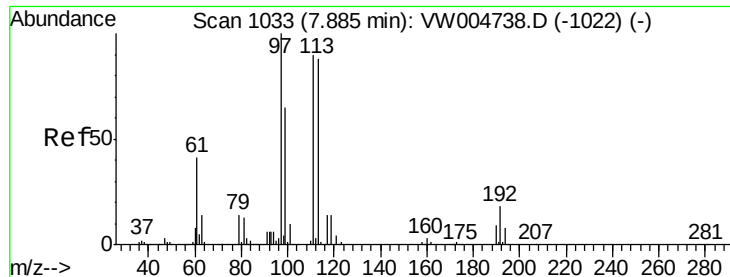
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004744.D
 Acq: 17 Aug 2018 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.6	0.0	39.0	
88	15.4	0.0	30.0	





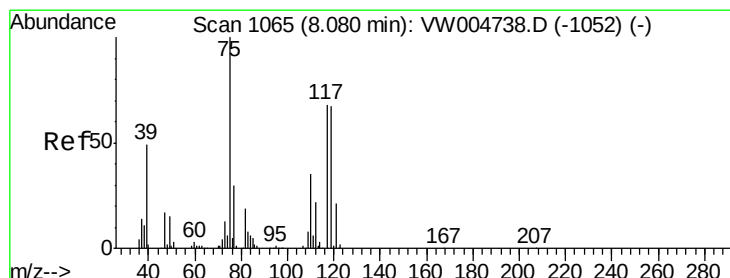
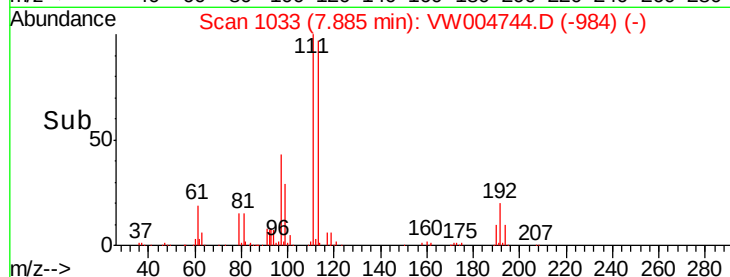
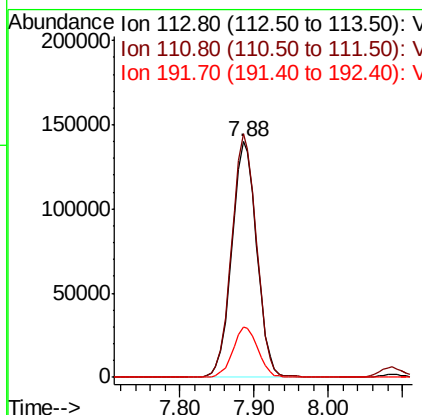
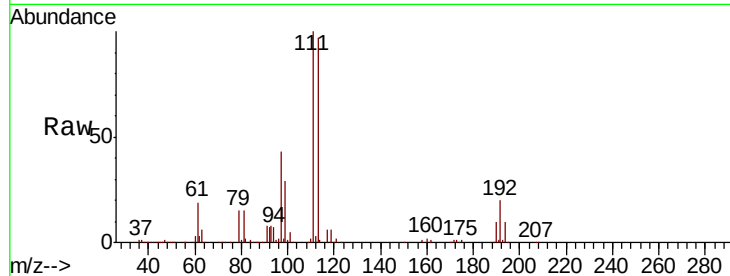
#35
 Dibromofluoromethane
 Concen: 51.78 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004744.D
 Acq: 17 Aug 2018 20:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0819SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	328785		
111	102.7		82.4	123.6
192	21.3		16.7	25.1

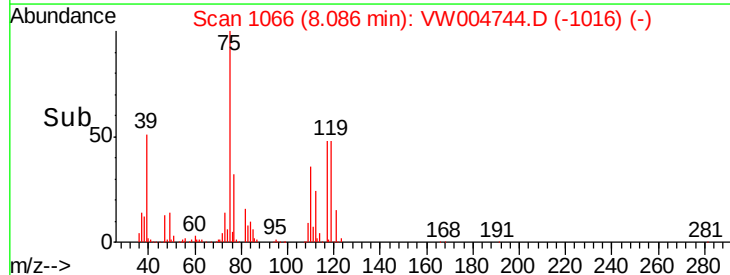
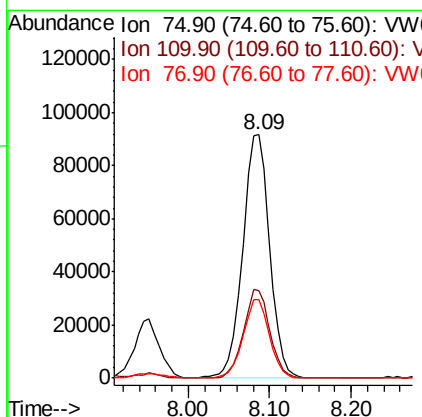
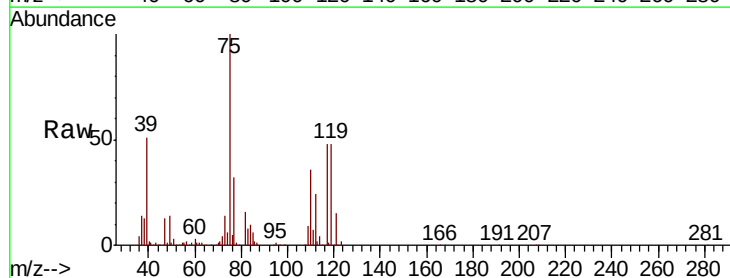
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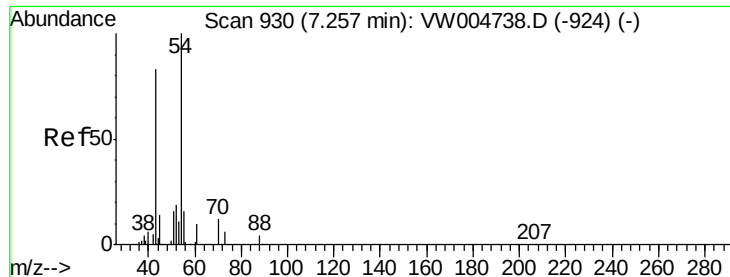
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#36
 1,1-Dichloropropene
 Concen: 20.48 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VW004744.D
 Acq: 17 Aug 2018 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	209591		
110	35.5		17.8	53.5
77	31.3		24.9	37.3





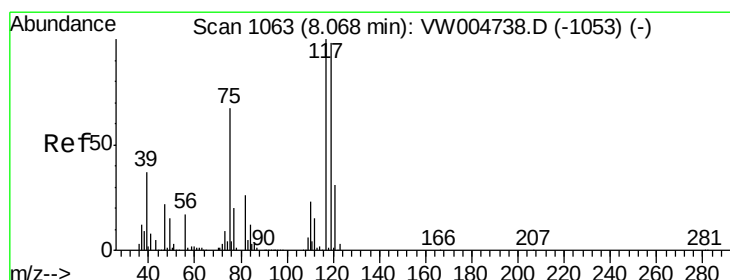
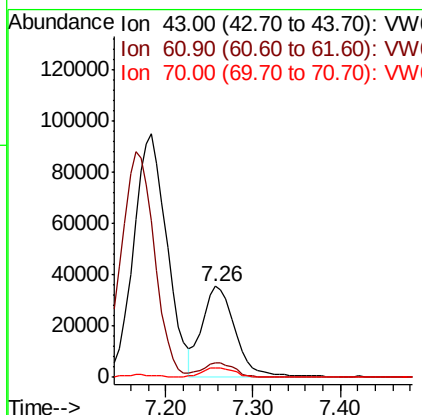
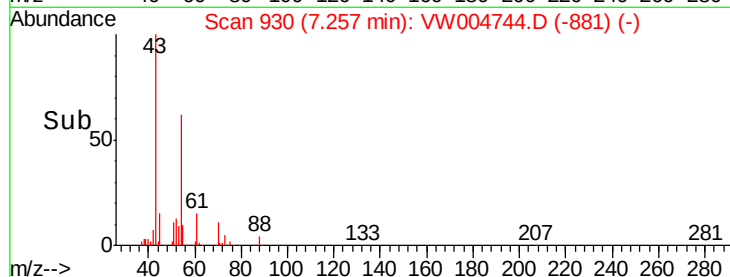
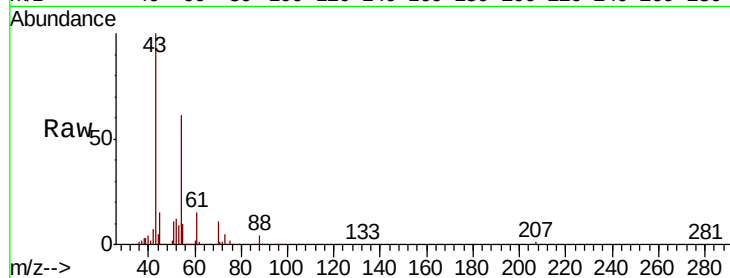
#37
Ethyl Acetate
Concen: 22.71 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW004744.D
Acq: 17 Aug 2018 20:38

Instrument :
MSVOA_W
ClientSampleId :
VW0819SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.8	11.6	17.4
70	10.9	9.2	13.8

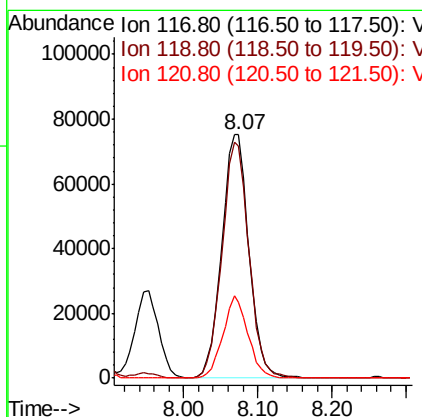
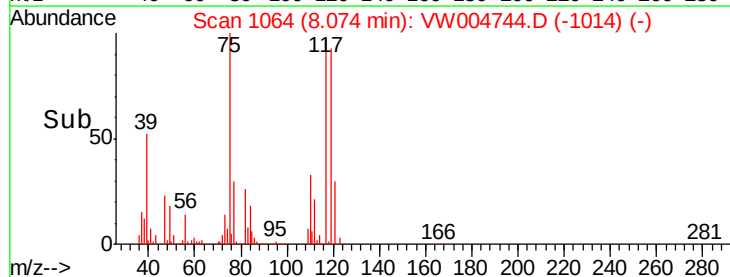
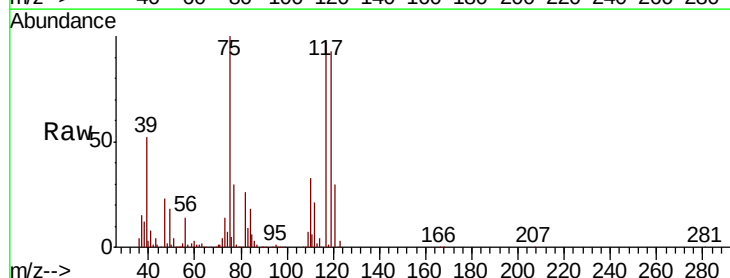
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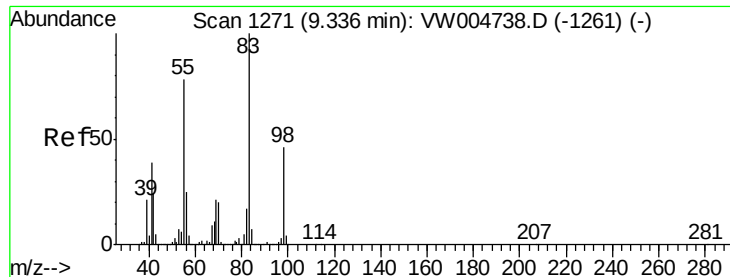
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#38
Carbon Tetrachloride
Concen: 20.25 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VW004744.D
Acq: 17 Aug 2018 20:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	78.0	117.0
121	31.3	24.8	37.2





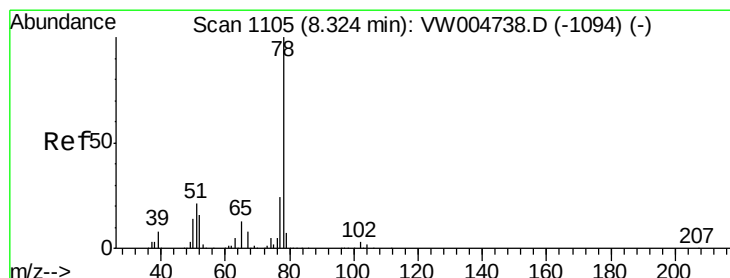
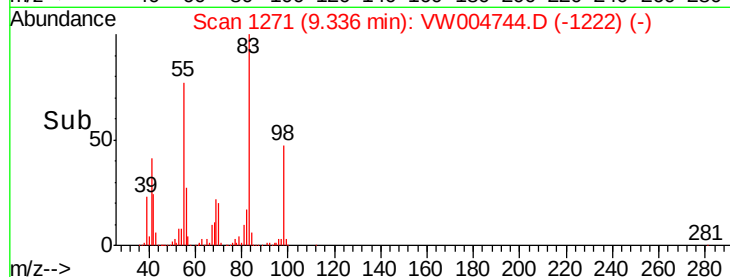
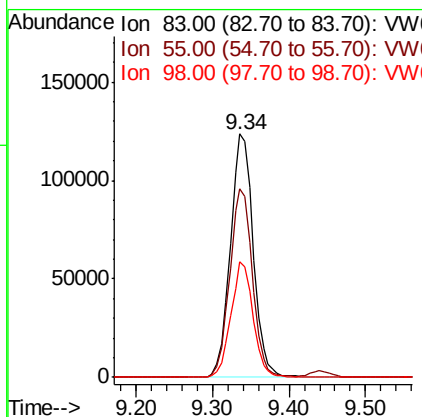
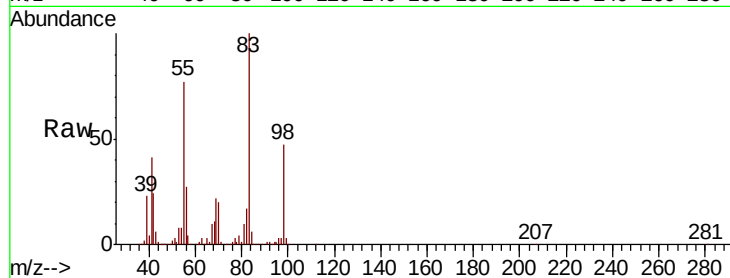
#39
Methylvlcyclohexane
Concen: 19.94 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004744.D
Acq: 17 Aug 2018 20:38

Instrument :
MSVOA_W
ClientSampleId :
VW0819SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	77.3	62.4	93.6	
98	47.3	36.5	54.7	

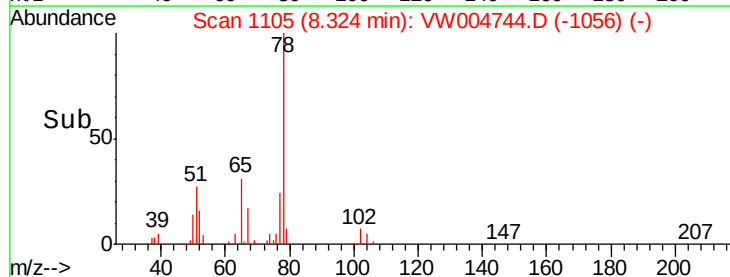
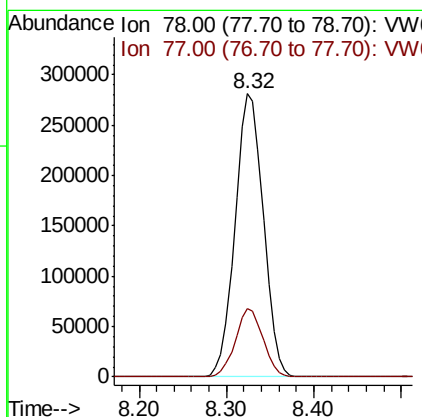
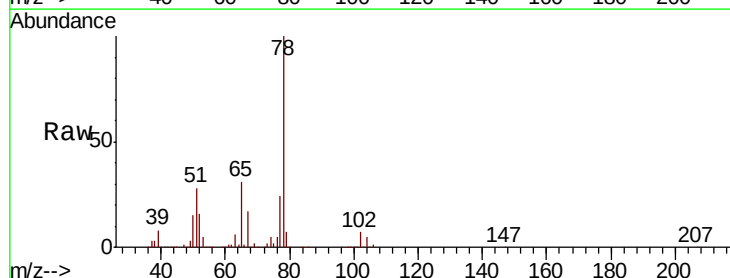
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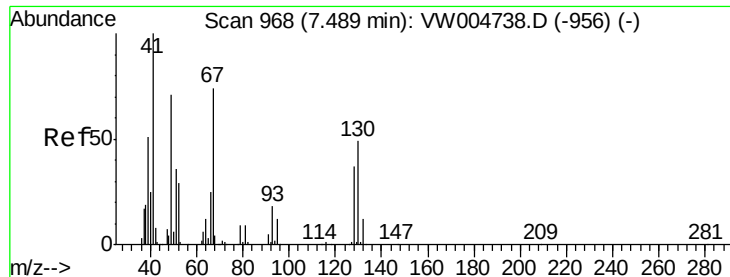
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#40
Benzene
Concen: 21.25 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW004744.D
Acq: 17 Aug 2018 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.3	19.0	28.6	





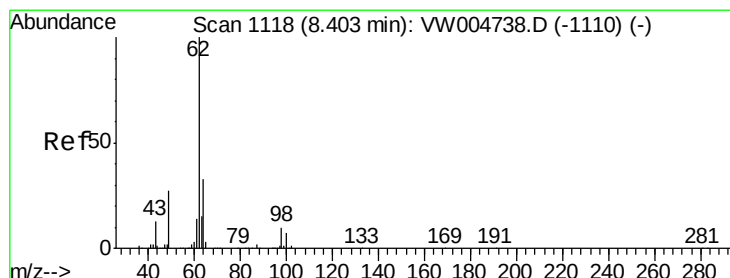
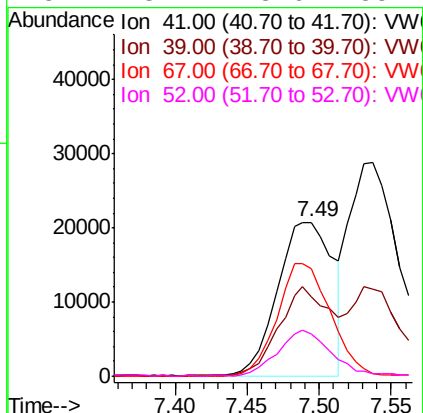
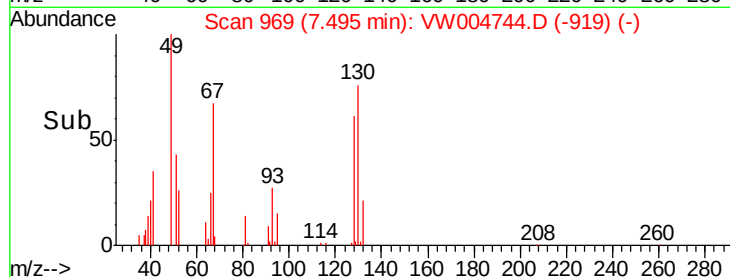
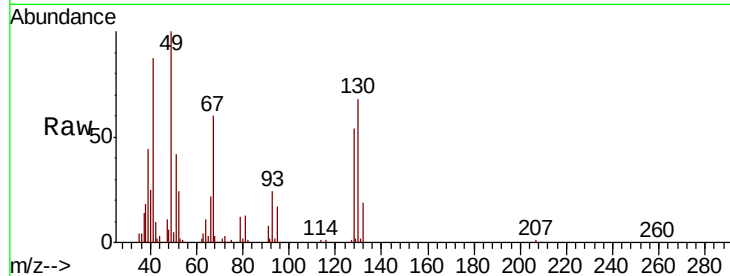
#41
Methacrylonitrile
Concen: 24.19 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.01 min
Lab File: VW004744.D
Acq: 17 Aug 2018 20:38

Instrument :
MSVOA_W
ClientSampleId :
VW0819SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		56004		
39	52.6	41.0	61.4		
67	70.2	59.5	89.3		
52	28.7	23.6	35.4		

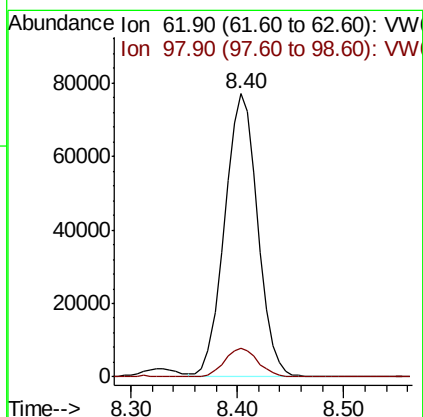
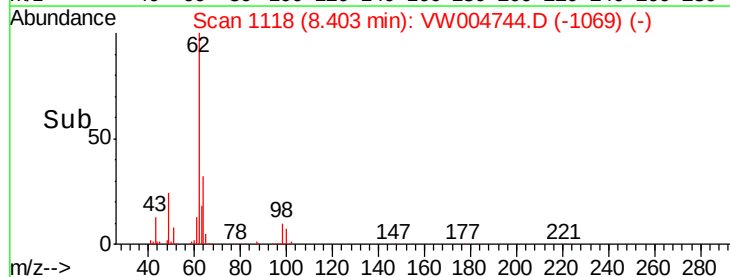
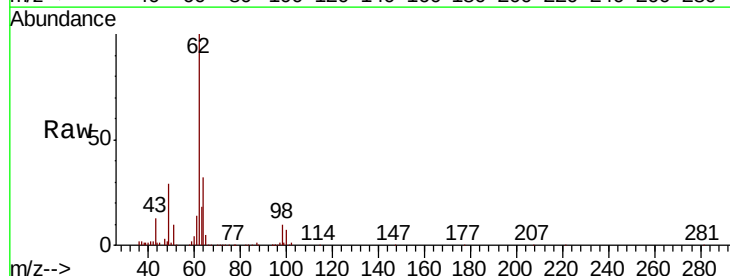
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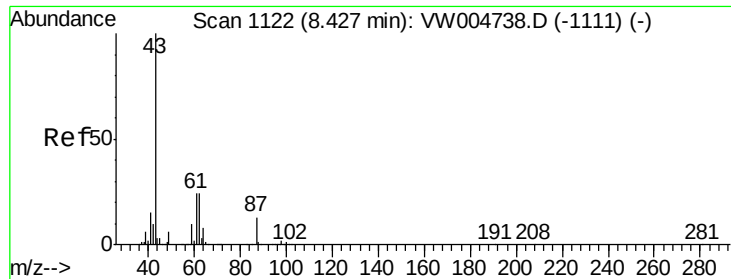
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#42
1,2-Dichloroethane
Concen: 21.91 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW004744.D
Acq: 17 Aug 2018 20:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		167130		
98	10.2	0.0	20.2		





#43

Isopropyl Acetate

Concen: 22.08 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VW004744.D

Acq: 17 Aug 2018 20:38

Instrument :

MSVOA_W

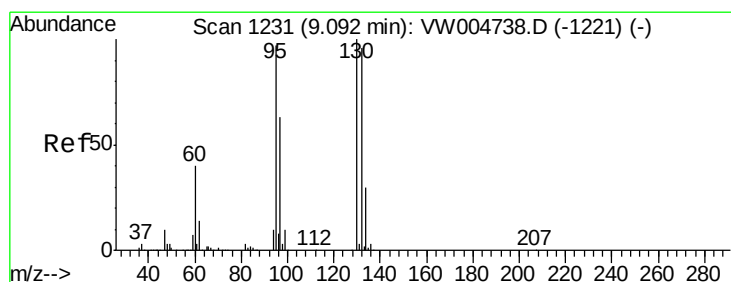
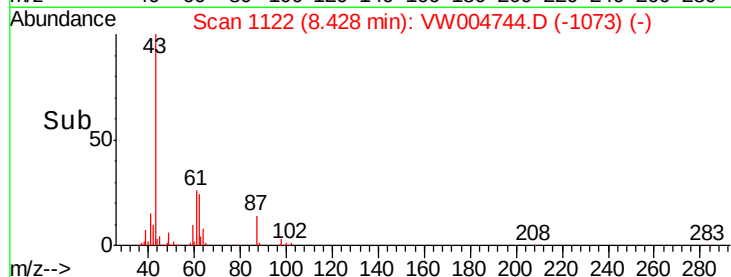
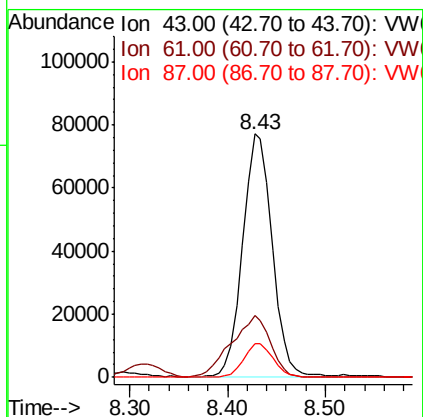
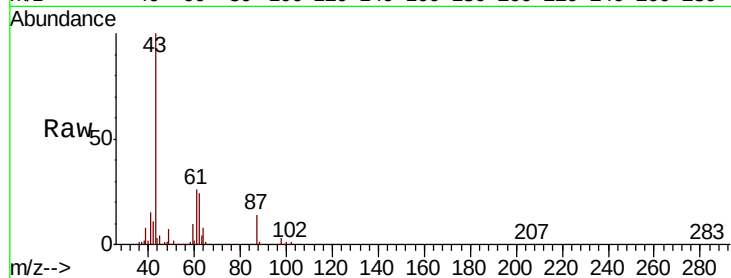
ClientSampled :

VW0819SBS01

Tot Ion:	43	Resp:	161784
Ion	Ratio	Lower	Upper
43	100		
61	33.1	26.2	39.4
87	13.9	10.9	16.3

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#44

Trichloroethene

Concen: 20.60 ug/l

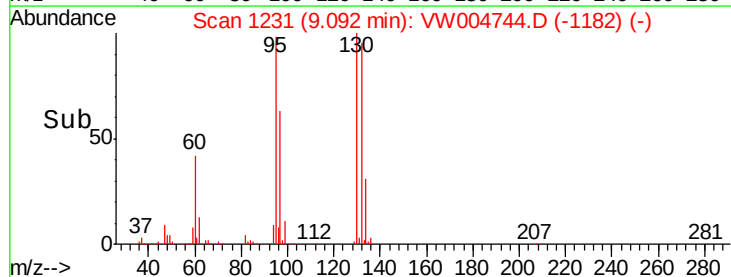
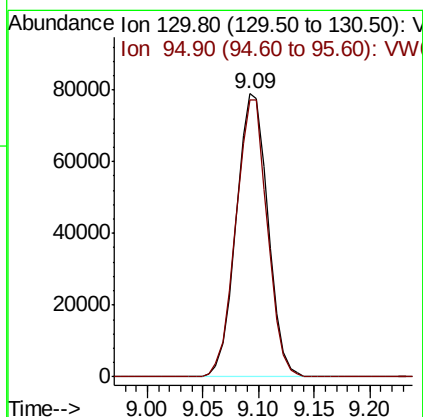
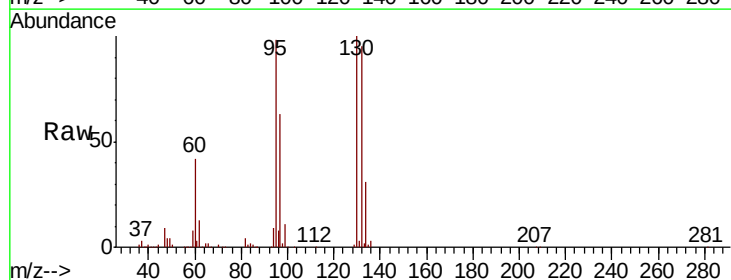
RT: 9.09 min Scan# 1231

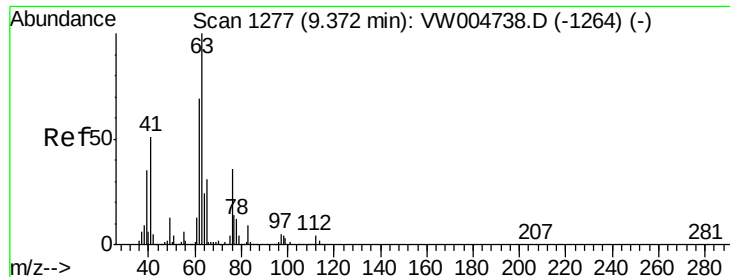
Delta R.T. 0.00 min

Lab File: VW004744.D

Acq: 17 Aug 2018 20:38

Tgt Ion:	130	Resp:	155520
Ion	Ratio	Lower	Upper
130	100		
95	97.9	0.0	194.4





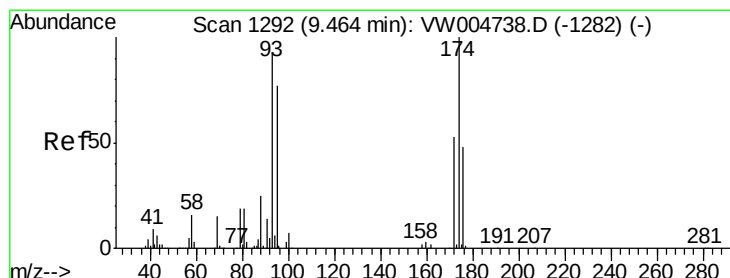
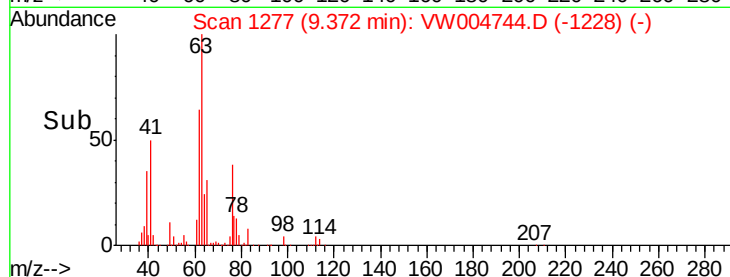
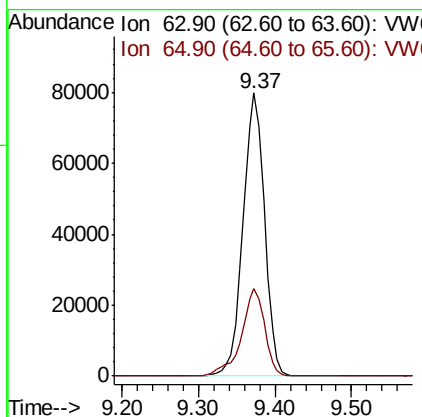
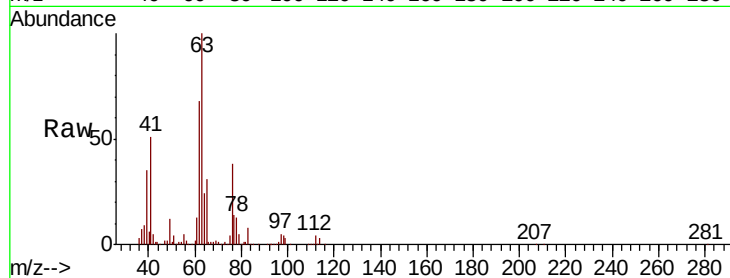
#45
 1,2-Dichloropropane
 Concen: 21.48 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004744.D
 Acq: 17 Aug 2018 20:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0819SBS01

Tot Ion	63	Resp	156241
Ion Ratio	Lower	Upper	
63	100		
65	30.8	24.6	37.0

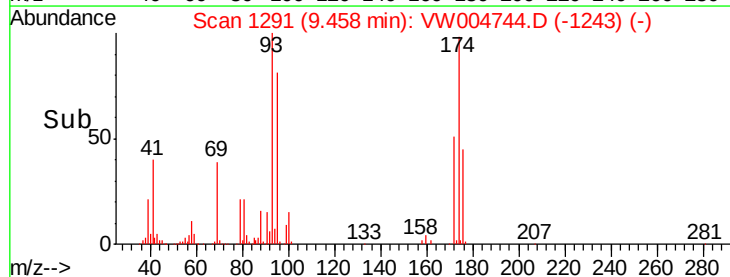
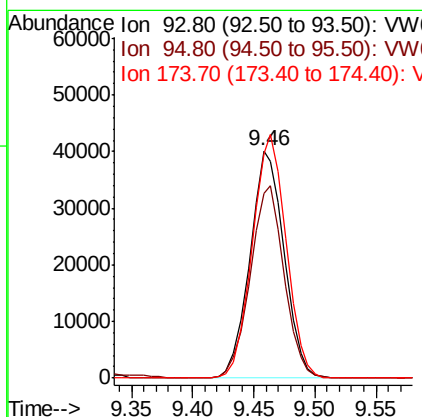
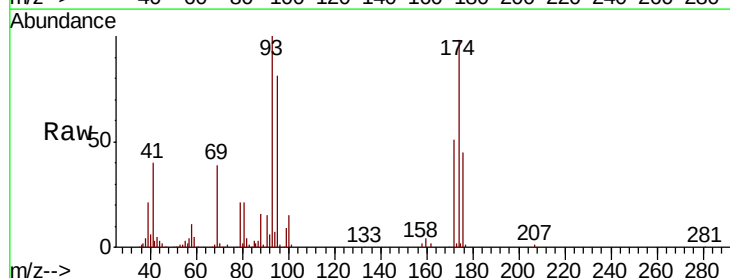
Manual Integrations
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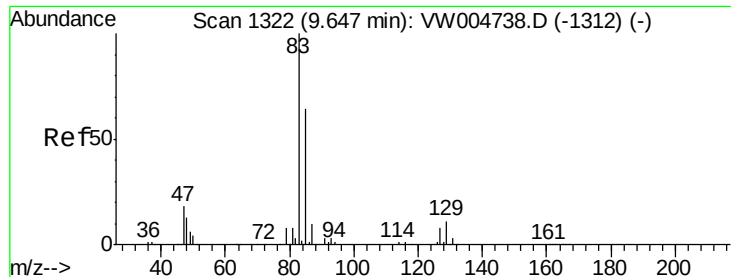
apatel
 8/20/2018 9:54:18 AM



#46
 Dibromomethane
 Concen: 21.64 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: VW004744.D
 Acq: 17 Aug 2018 20:38

Tgt Ion	93	Resp	78001
Ion Ratio	Lower	Upper	
93	100		
95	83.9	66.6	99.8
174	106.4	85.3	127.9





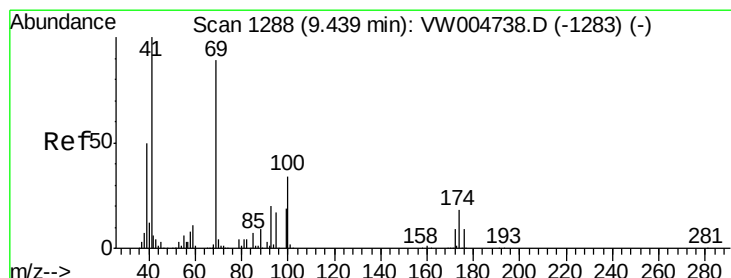
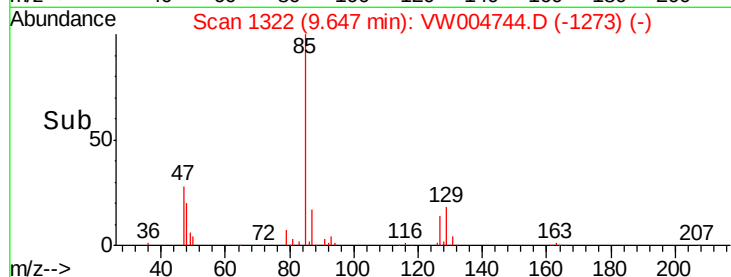
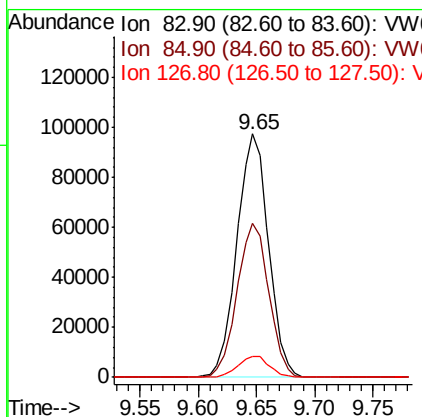
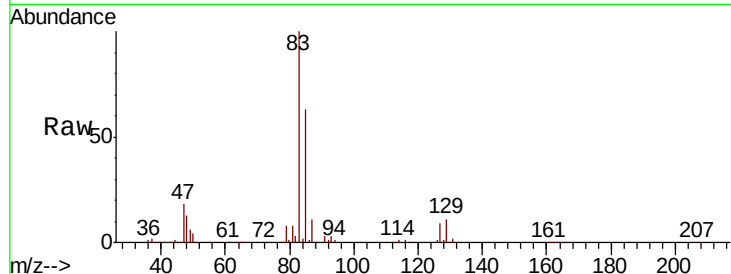
#47
 Bromodichloromethane
 Concen: 21.35 ug/l
 RT: 9.65 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VW004744.D
 Acq: 17 Aug 2018 20:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0819SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	183778		
85	63.2		51.2	76.8
127	8.8		6.7	10.1

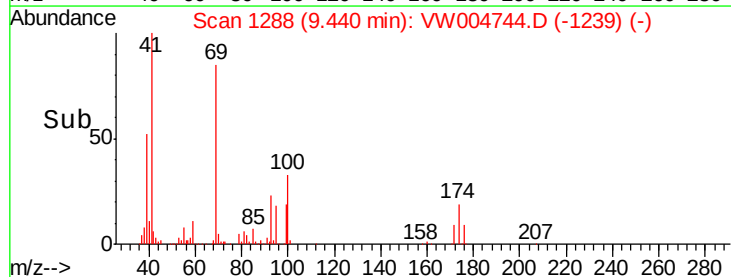
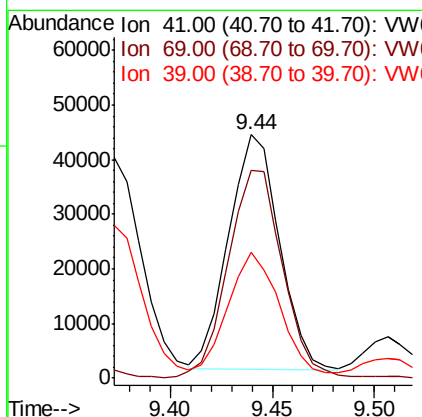
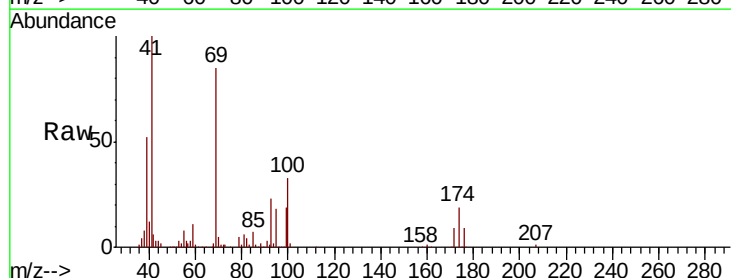
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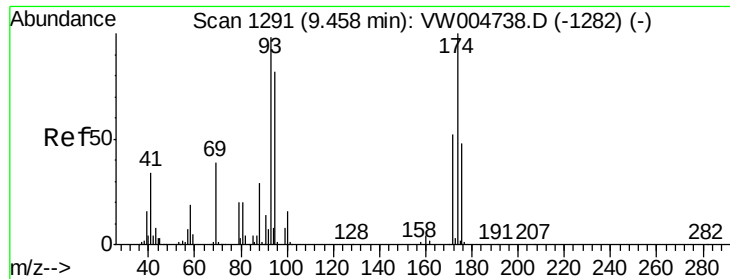
apatel
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#48
 Methyl methacrylate
 Concen: 21.66 ug/l
 RT: 9.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VW004744.D
 Acq: 17 Aug 2018 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	74484		
69	94.9		75.2	112.8
39	55.5		39.8	59.6





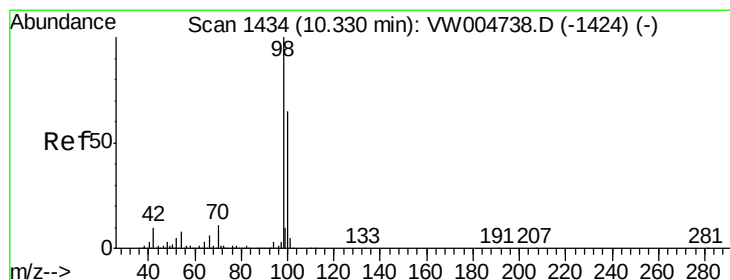
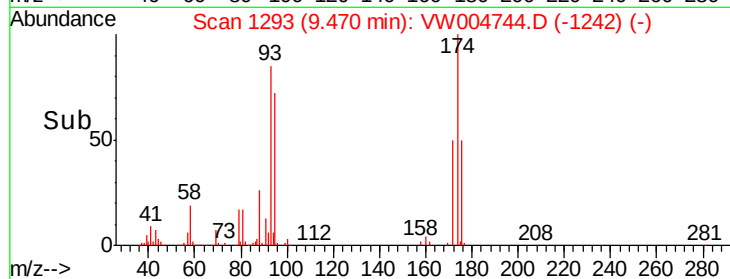
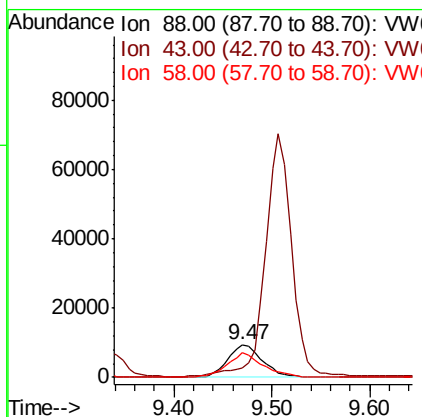
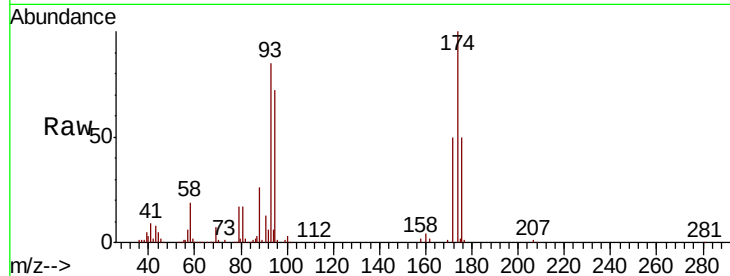
#49
1,4-Dioxane
Concen: 442.20 ug/l
RT: 9.47 min Scan# 1293
Delta R.T. 0.01 min
Lab File: VW004744.D
Acq: 17 Aug 2018 20:38

Instrument :
MSVOA_W
ClientSampleId :
VW0819SBS01

Tot Ion	88	Resp	23286
Ion Ratio	100	Lower	Upper
88	100		
43	0.0	22.9	34.3#
58	78.5	60.0	90.0

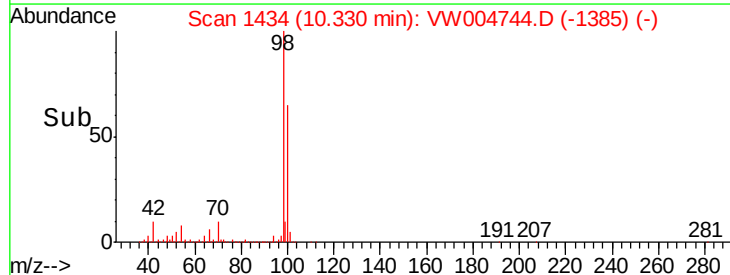
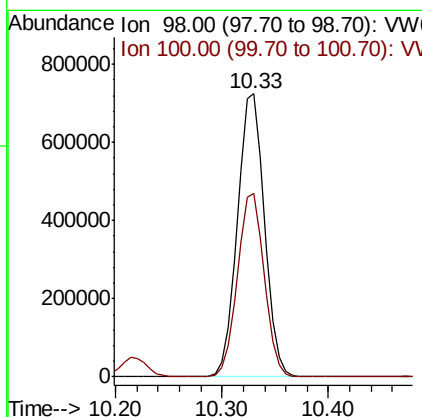
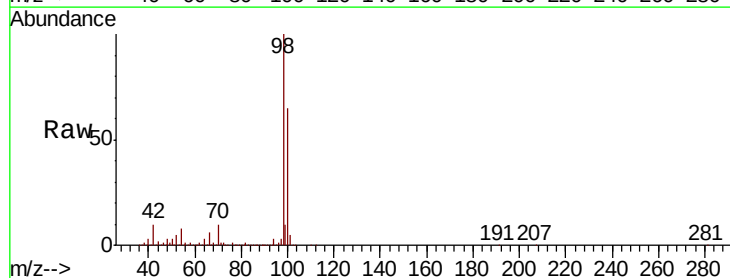
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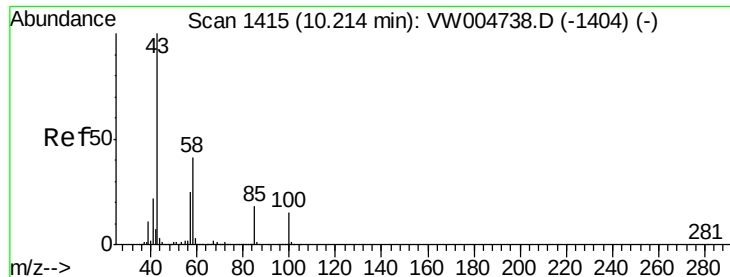
apatel
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#50
Toluene-d8
Concen: 52.21 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004744.D
Acq: 17 Aug 2018 20:38

Tgt Ion	98	Resp	1294010
Ion Ratio	100	Lower	Upper
98	100		
100	64.4	51.8	77.8





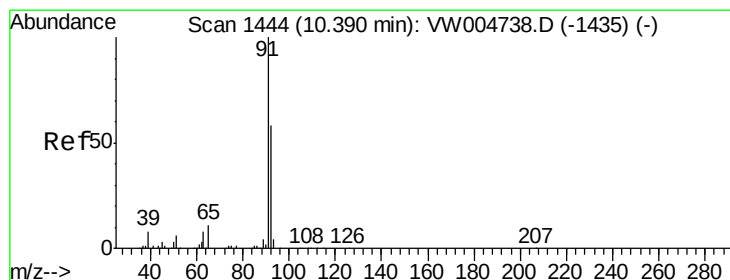
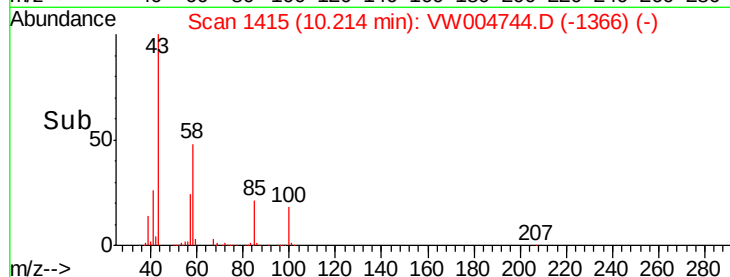
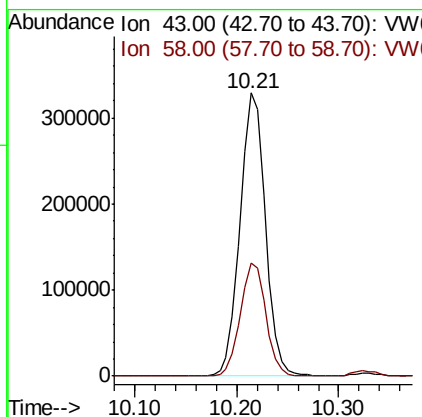
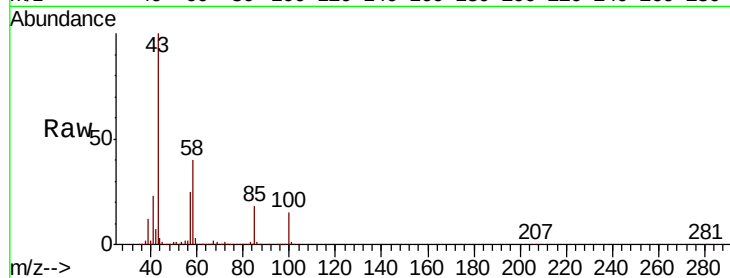
#51
 4-Methyl-2-Pentanone
 Concen: 114.50 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VW004744.D
 Acq: 17 Aug 2018 20:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0819SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.4	32.7	49.1

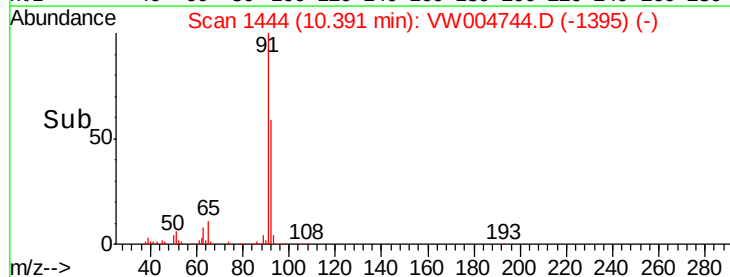
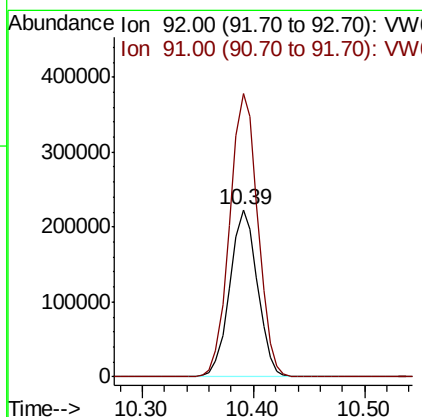
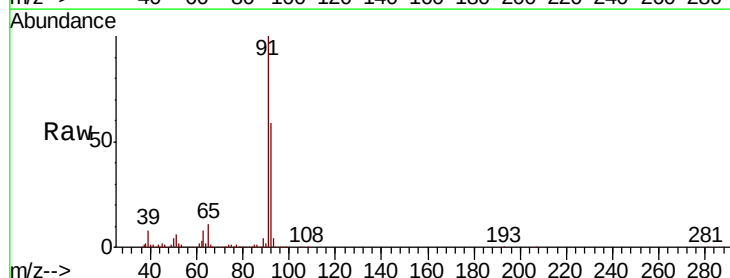
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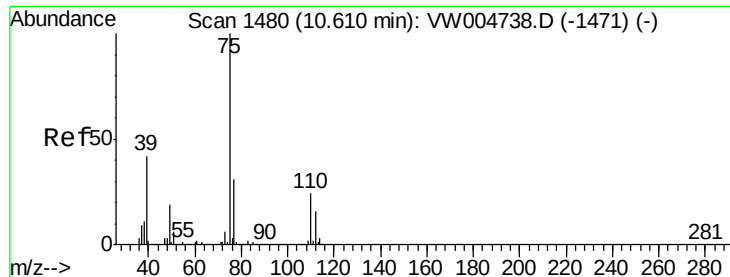
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#52
 Toluene
 Concen: 21.47 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW004744.D
 Acq: 17 Aug 2018 20:38

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.4	138.3	207.5





#53

t-1,3-Dichloropropene

Concen: 21.29 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW004744.D

Acq: 17 Aug 2018 20:38

Instrument :

MSVOA_W

ClientSampleId :

VW0819SBS01

Tot Ion: 75 Resp: 184599

Ion Ratio Lower Upper

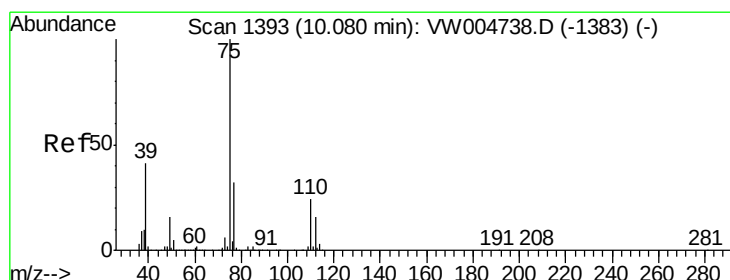
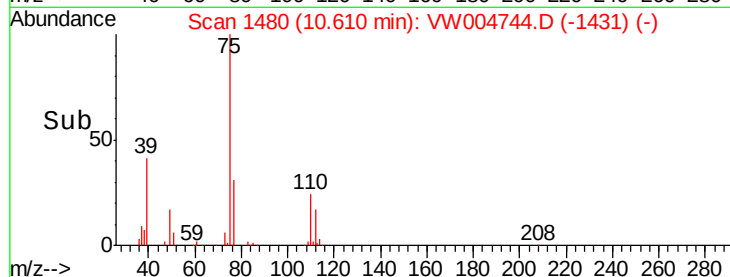
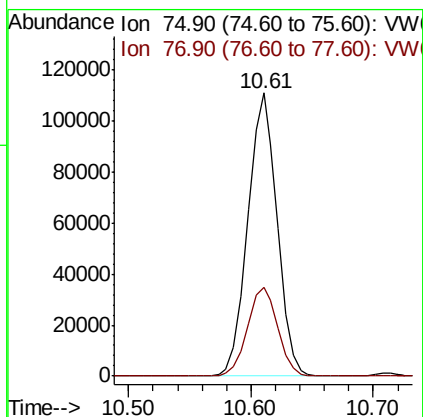
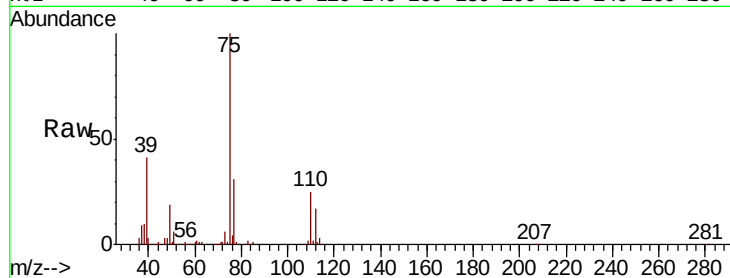
75 100

77 31.1 24.8 37.2

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 21.16 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW004744.D

Acq: 17 Aug 2018 20:38

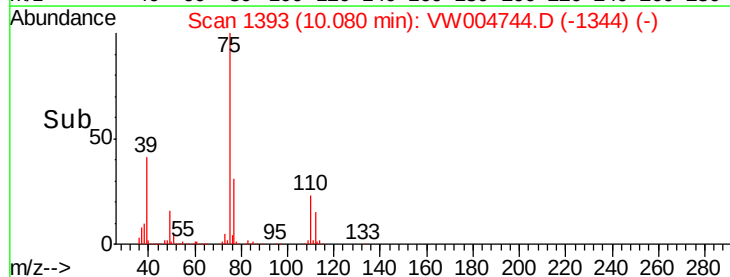
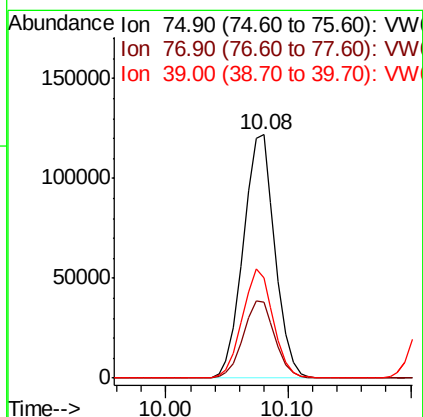
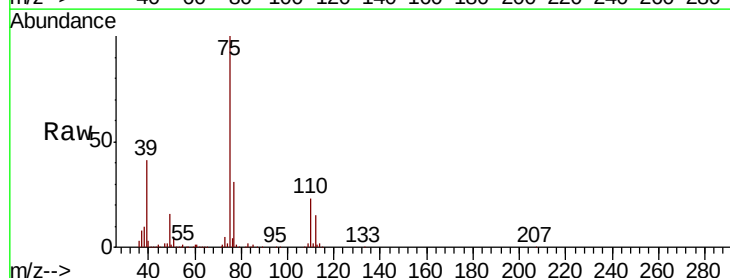
Tgt Ion: 75 Resp: 218791

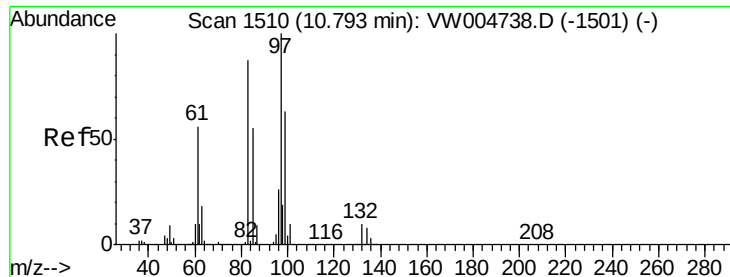
Ion Ratio Lower Upper

75 100

77 31.2 25.6 38.4

39 41.3 33.0 49.4





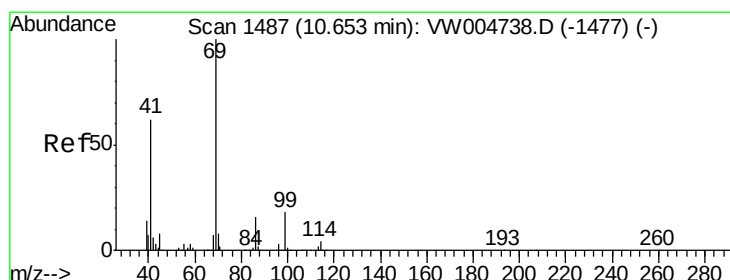
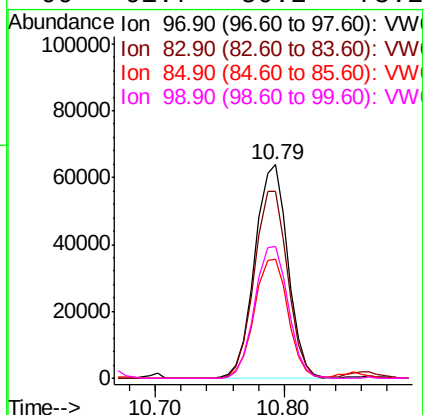
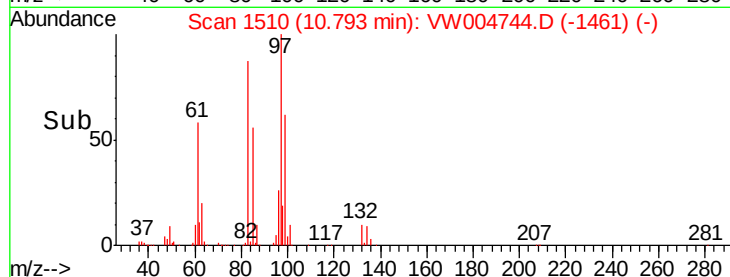
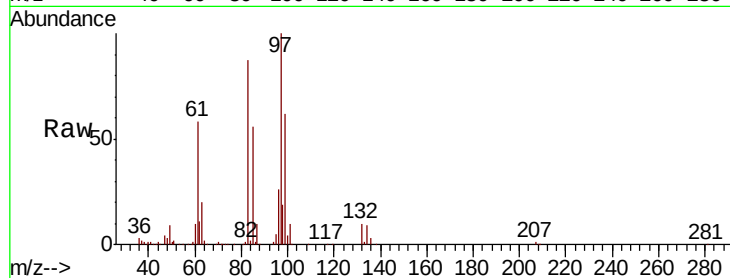
#55
 1,1,2-Trichloroethane
 Concen: 22.07 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW004744.D
 Acq: 17 Aug 2018 20:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0819SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		113049		
83	87.2	69.4	104.2		
85	55.7	44.3	66.5		
99	61.7	50.2	75.2		

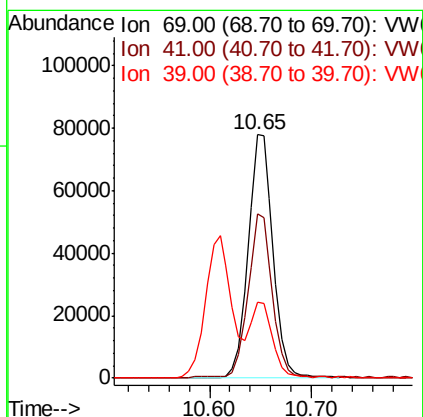
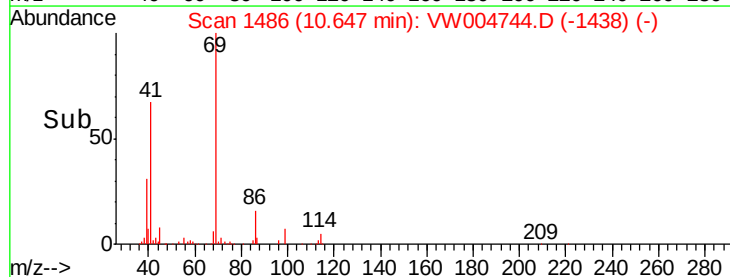
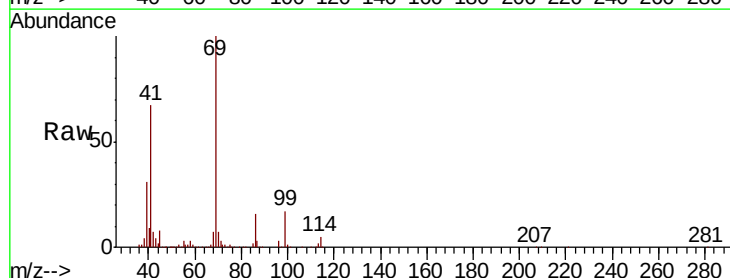
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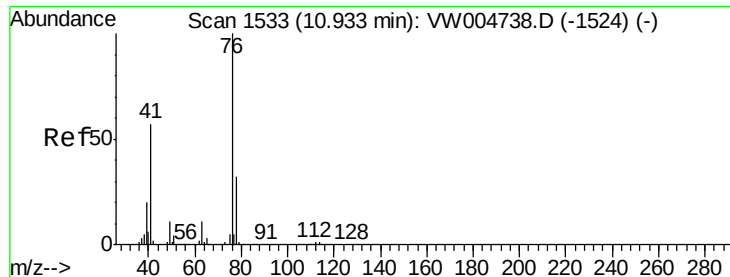
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#56
 Ethyl methacrylate
 Concen: 21.53 ug/l
 RT: 10.65 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VW004744.D
 Acq: 17 Aug 2018 20:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		132006		
41	65.0	50.7	76.1		
39	26.8	21.4	32.2		





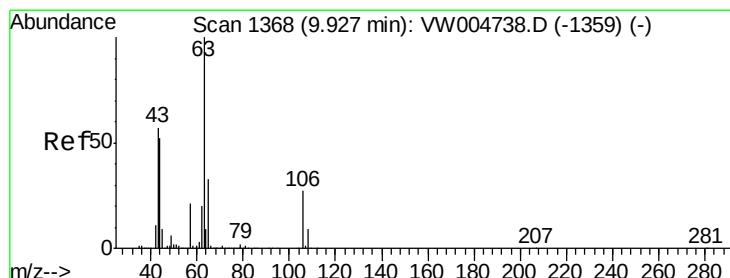
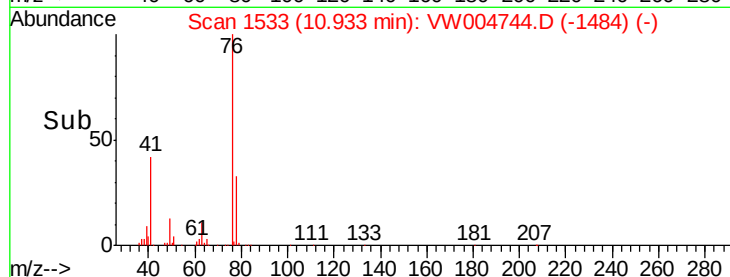
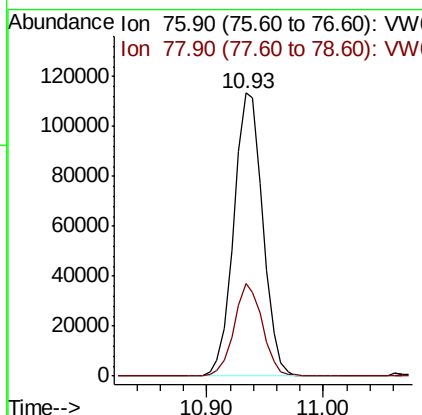
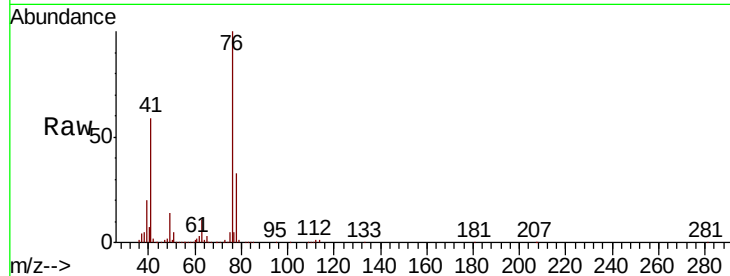
#57
 1,3-Dichloropropane
 Concen: 22.22 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: VW004744.D
 Acq: 17 Aug 2018 20:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0819SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.9	38.9

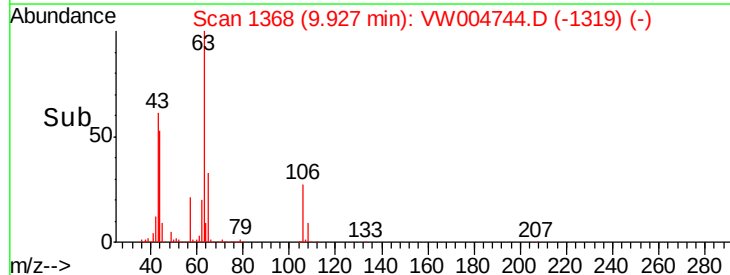
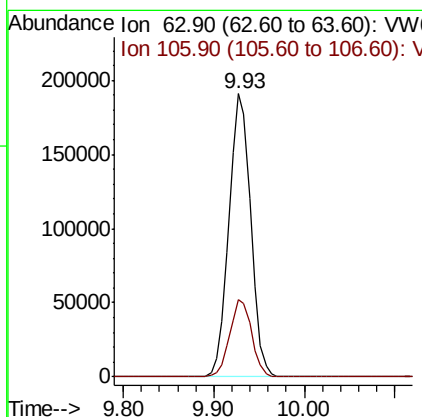
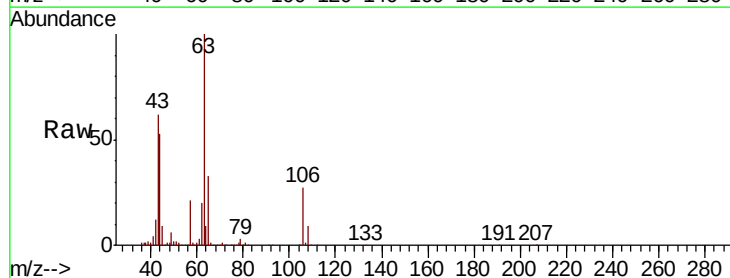
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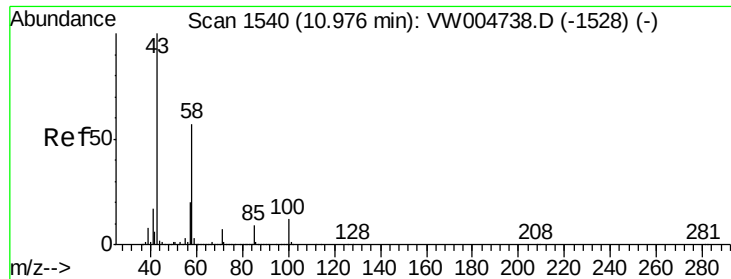
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 112.74 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW004744.D
 Acq: 17 Aug 2018 20:38

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.2	22.1	33.1





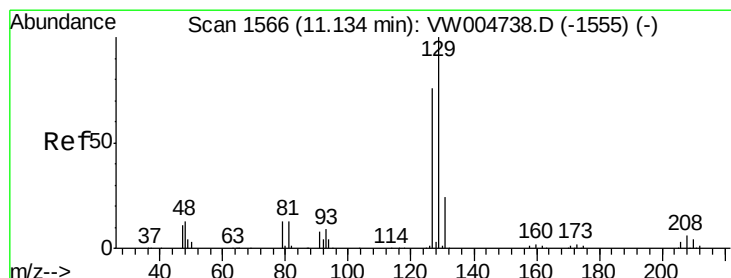
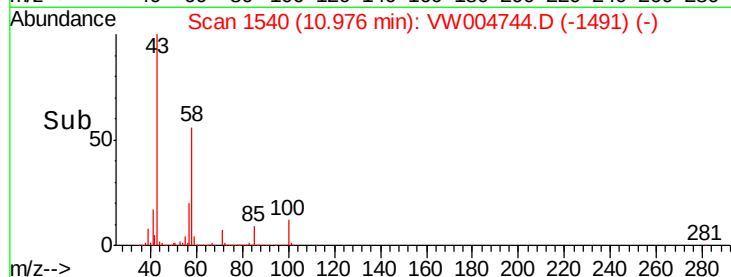
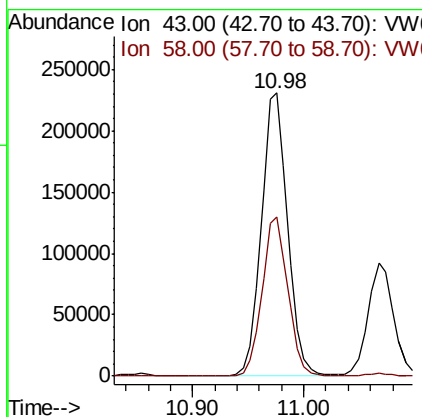
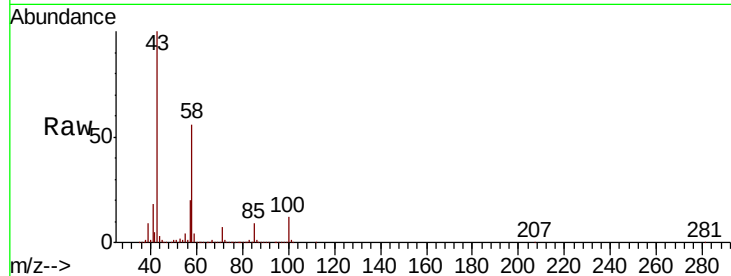
#59
2-Hexanone
Concen: 113.11 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004744.D
Acq: 17 Aug 2018 20:38

Instrument :
MSVOA_W
ClientSampleId :
VW0819SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.3	28.1	84.4

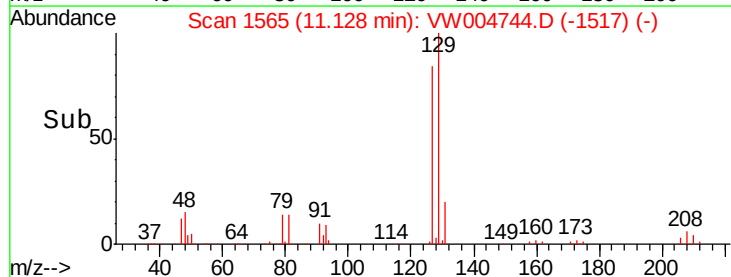
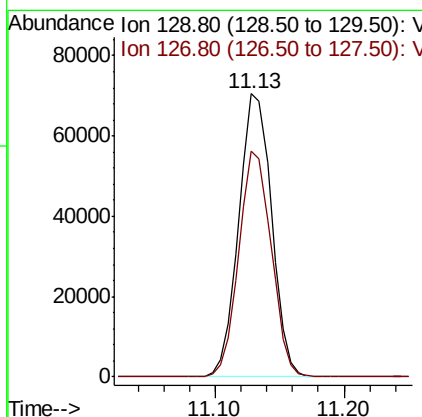
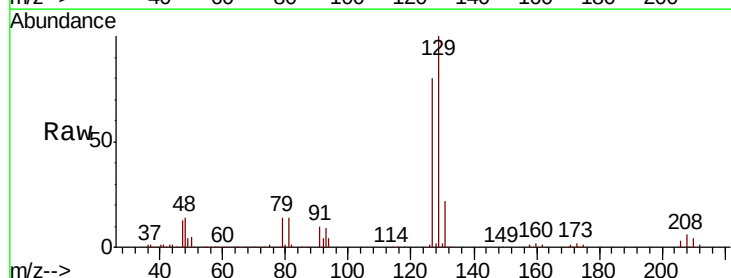
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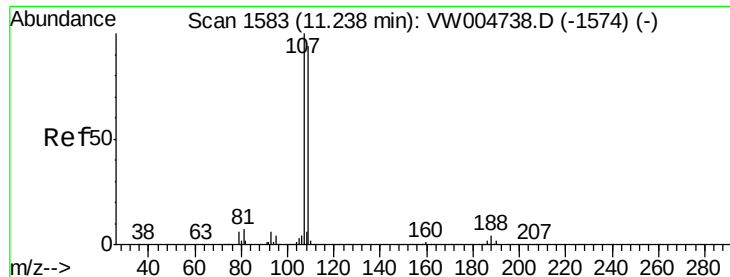
apatel
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#60
Dibromochloromethane
Concen: 21.64 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VW004744.D
Acq: 17 Aug 2018 20:38

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.8	38.5	115.5





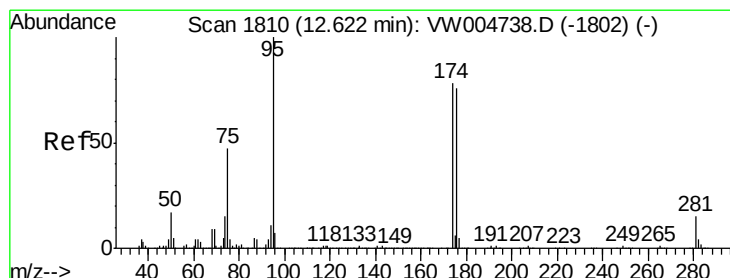
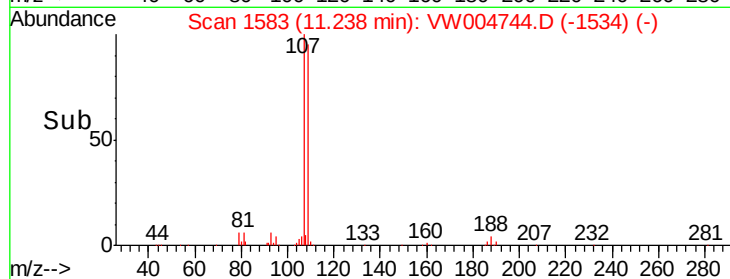
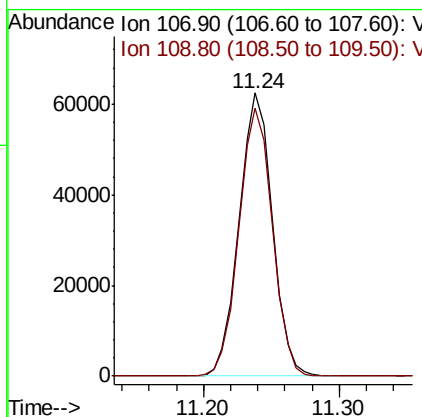
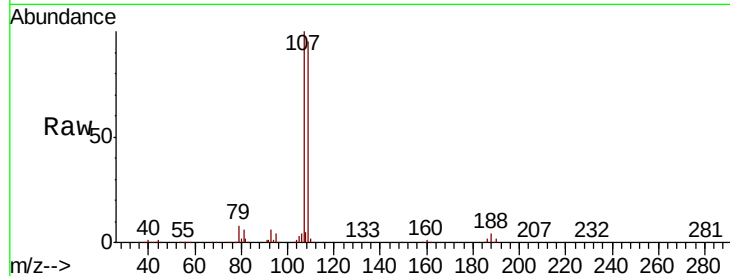
#61
 1,2-Dibromoethane
 Concen: 21.78 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW004744.D
 Acq: 17 Aug 2018 20:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0819SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.5	75.5	113.3

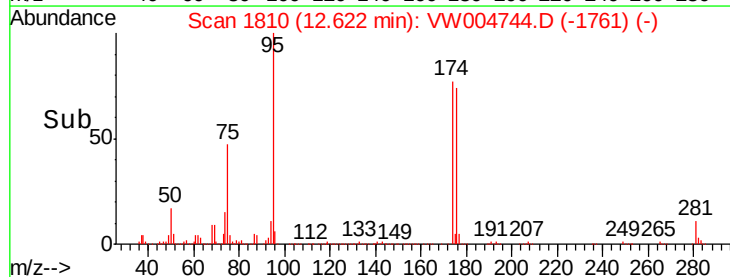
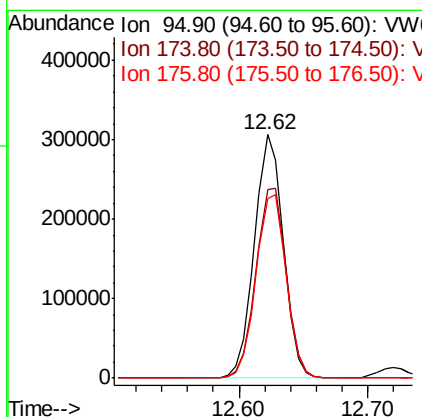
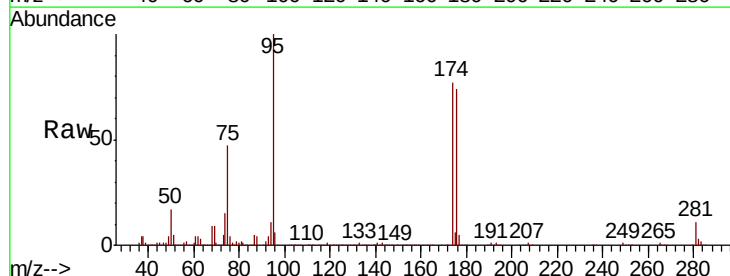
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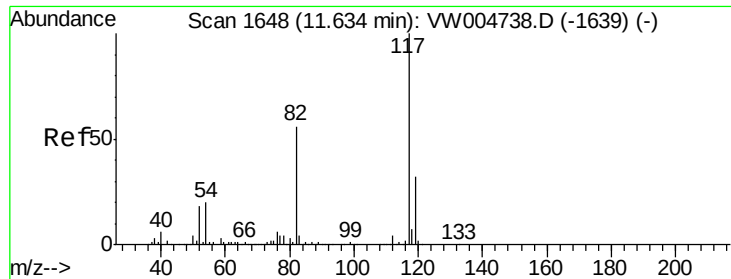
apatel
 8/20/2018 9:54:18 AM



#62
 4-Bromofluorobenzene
 Concen: 53.15 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004744.D
 Acq: 17 Aug 2018 20:38

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.8	0.0	165.8
176	78.6	0.0	159.8





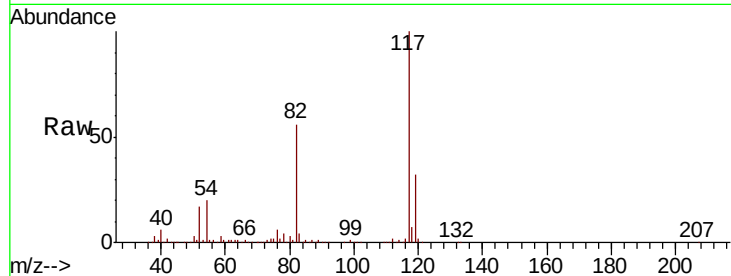
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004744.D
Acq: 17 Aug 2018 20:38

Instrument :
MSVOA_W
ClientSampleId :
VW0819SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	941449		
82	56.0		44.6	67.0
119	32.2		25.6	38.4

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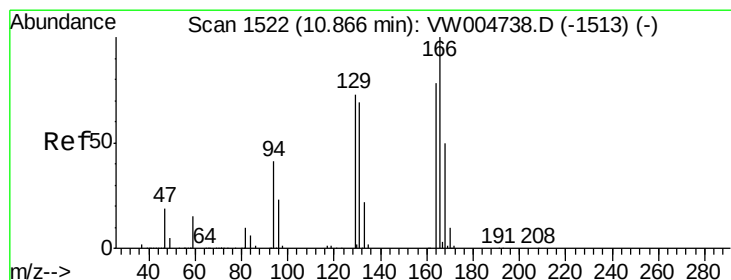
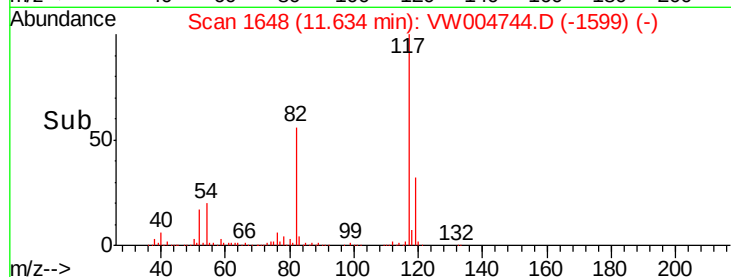
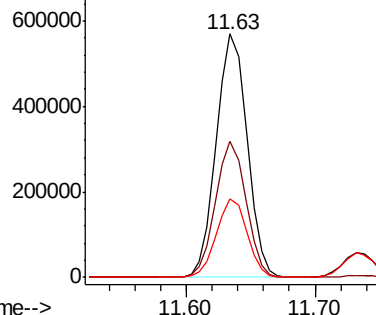


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 21.22 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004744.D
Acq: 17 Aug 2018 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	136542		
166	126.7		102.5	153.7
129	93.1		75.1	112.7
131	90.7		71.3	106.9

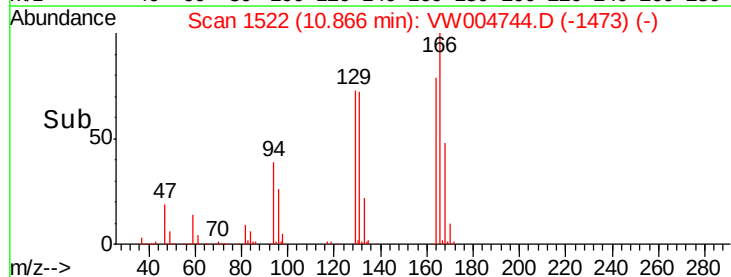
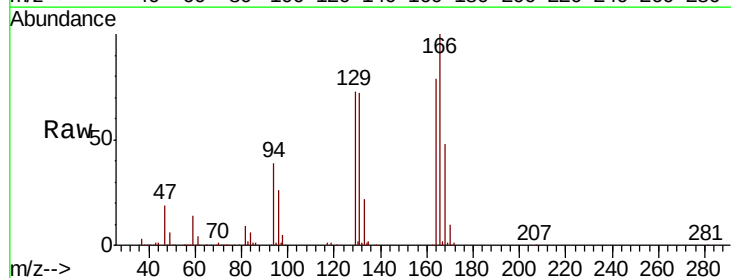
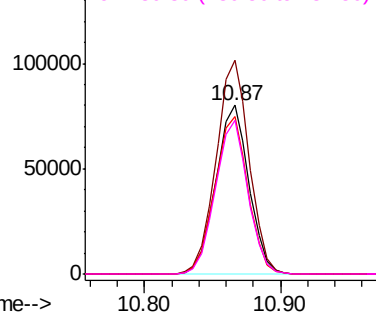
Abundance

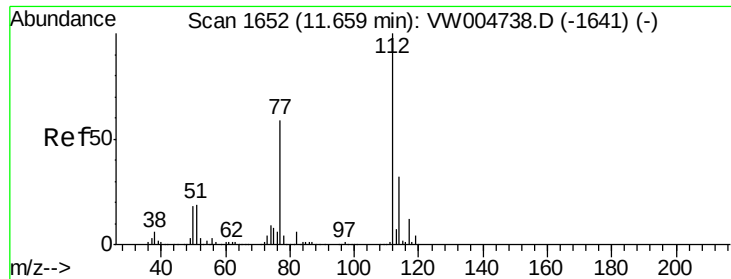
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





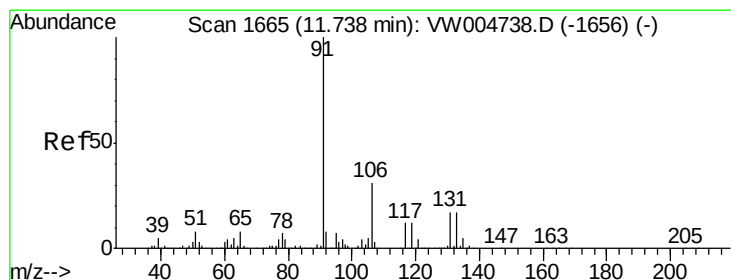
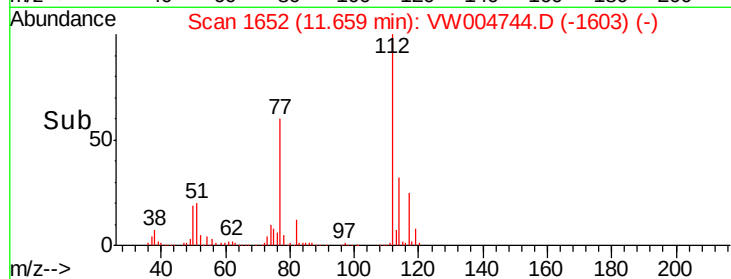
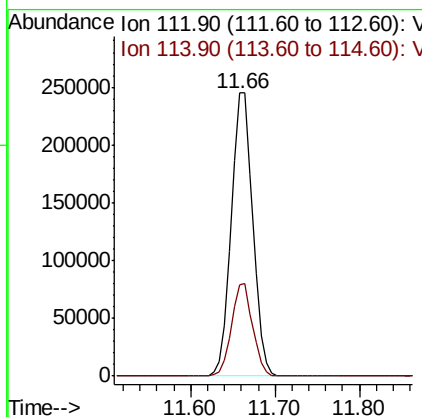
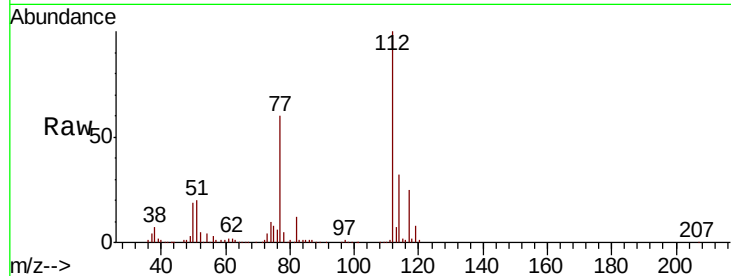
#65
Chlorobenzene
Concen: 20.92 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. 0.00 min
Lab File: VW004744.D
Acq: 17 Aug 2018 20:38

Instrument :
MSVOA_W
ClientSampled :
VW0819SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.4	38.2

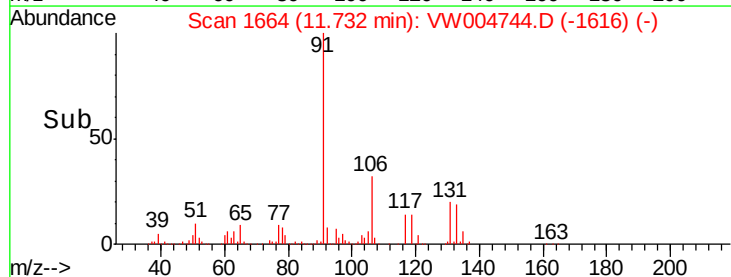
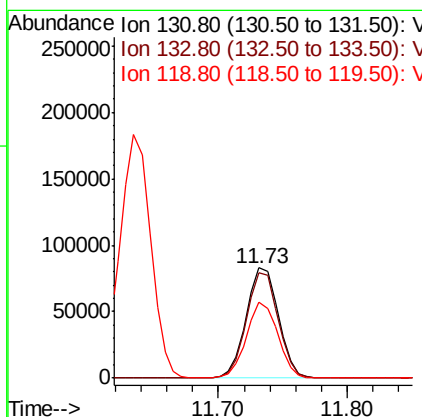
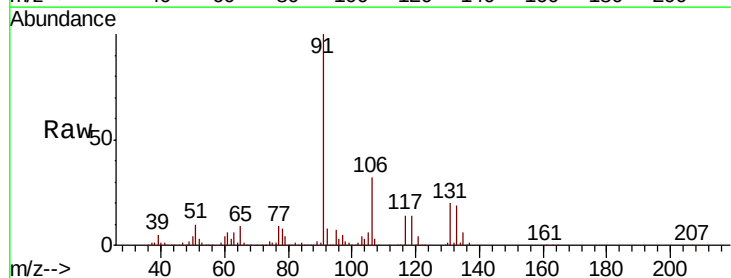
Manual Integrations
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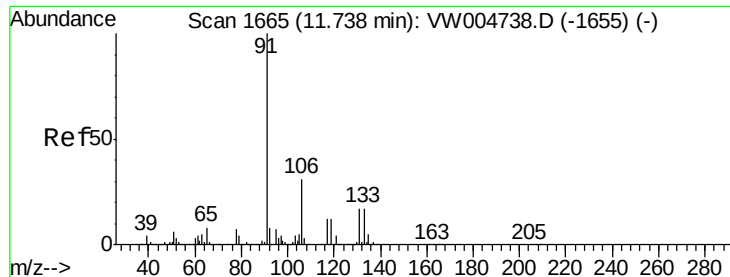
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.89 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VW004744.D
Acq: 17 Aug 2018 20:38

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.7	48.2	144.6
119	67.2	34.0	102.0





#67

Ethyl Benzene

Concen: 20.66 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW004744.D

Acq: 17 Aug 2018 20:38

Instrument :

MSVOA_W

ClientSampleId :

VW0819SBS01

Tot Ion: 91 Resp: 709552

Ion Ratio Lower Upper

91 100

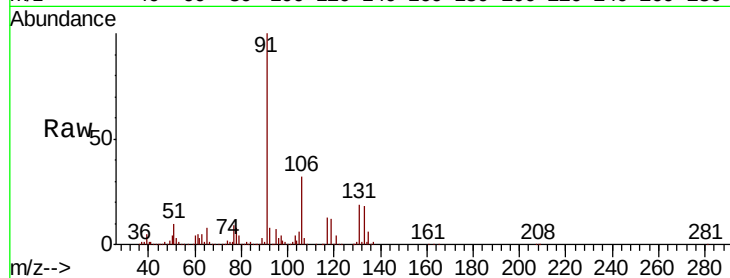
106 32.0 24.9 37.3

Manual Integrations

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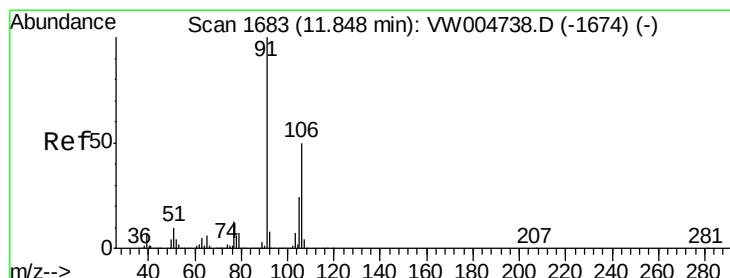
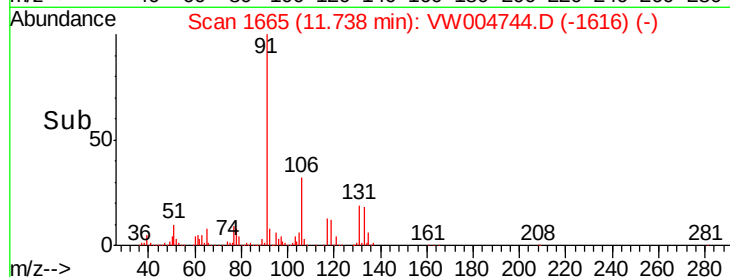
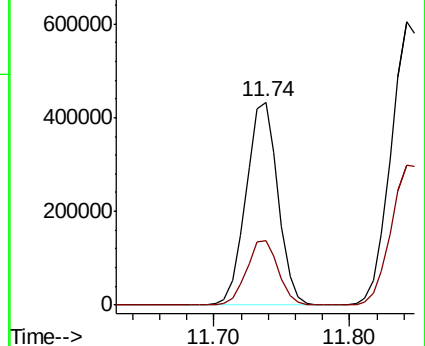
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 42.44 ug/l

RT: 11.84 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VW004744.D

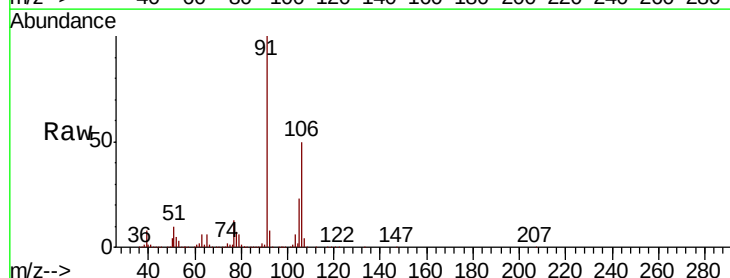
Acq: 17 Aug 2018 20:38

Tgt Ion: 106 Resp: 567251

Ion Ratio Lower Upper

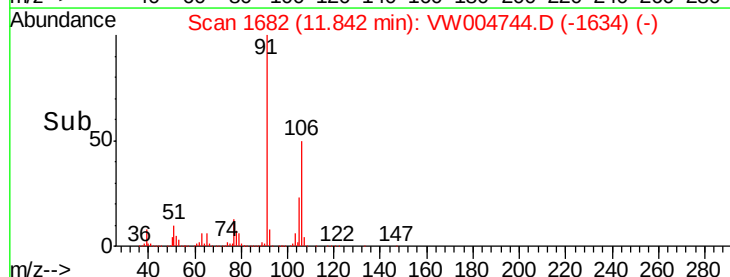
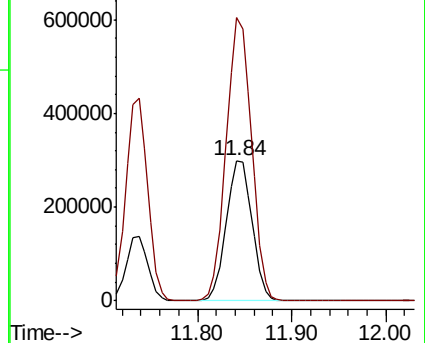
106 100

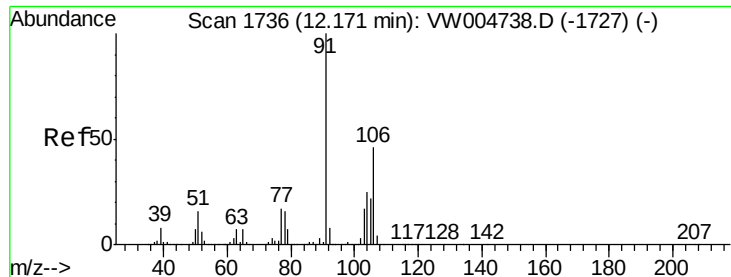
91 198.5 159.9 239.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





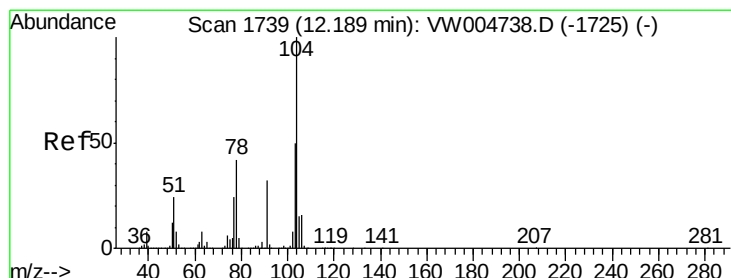
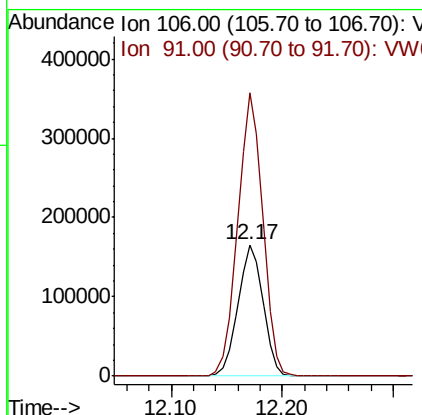
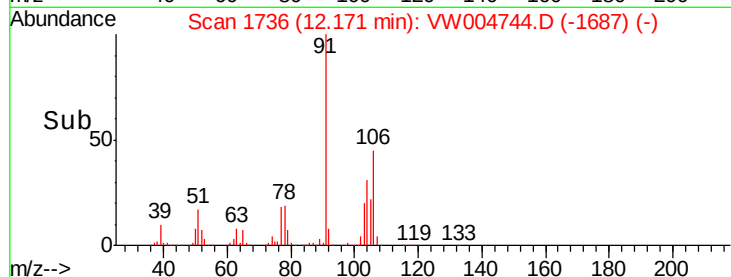
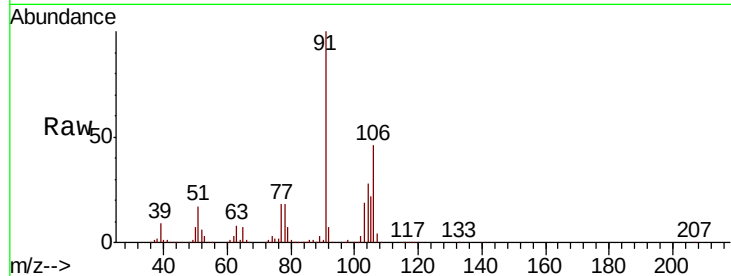
#69
o-Xylene
Concen: 20.88 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004744.D
Acq: 17 Aug 2018 20:38

Instrument :
MSVOA_W
ClientSampleId :
VW0819SBS01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	258275		
91	214.8	107.3	321.8	

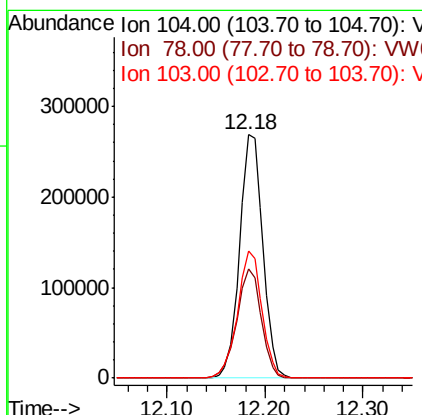
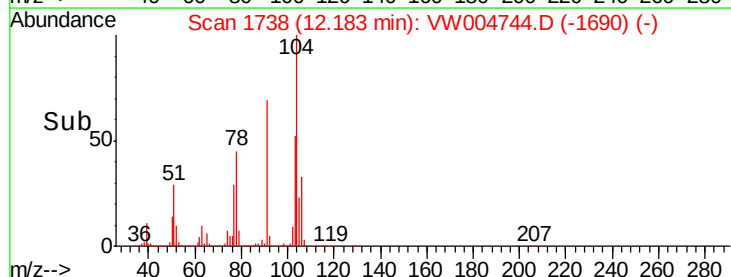
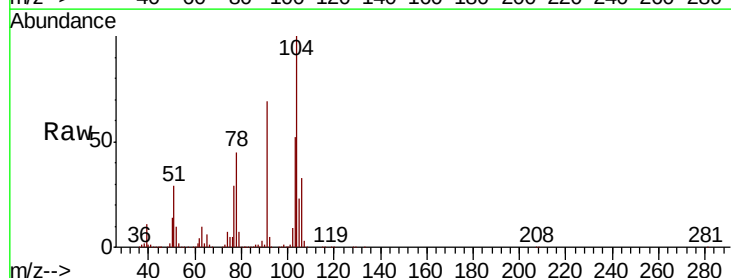
Manual Integrations
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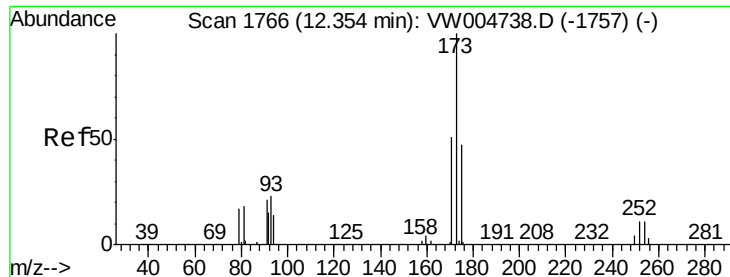
apatel
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#70
Styrene
Concen: 21.34 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VW004744.D
Acq: 17 Aug 2018 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	443419		
78	47.4	38.4	57.6	
103	54.7	44.1	66.1	





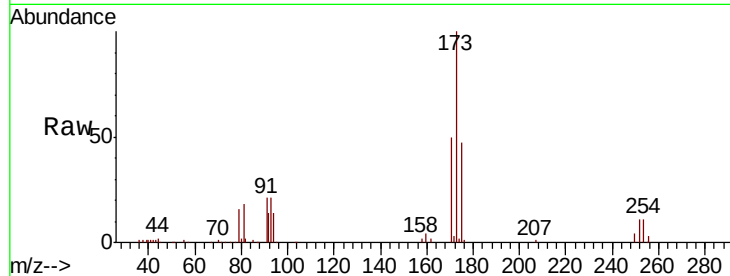
#71
Bromoform
Concen: 21.58 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW004744.D
Acq: 17 Aug 2018 20:38

Instrument :
MSVOA_W
ClientSampleId :
VW0819SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	23.8	71.4
254	0.2	0.1	0.1#

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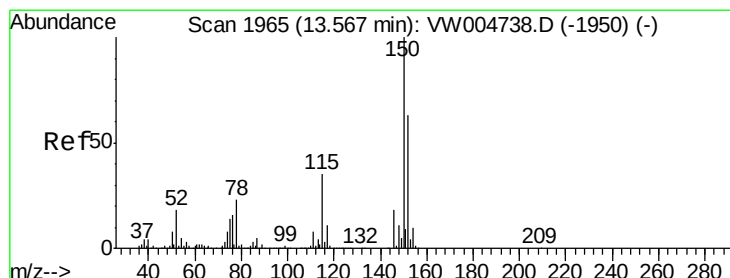
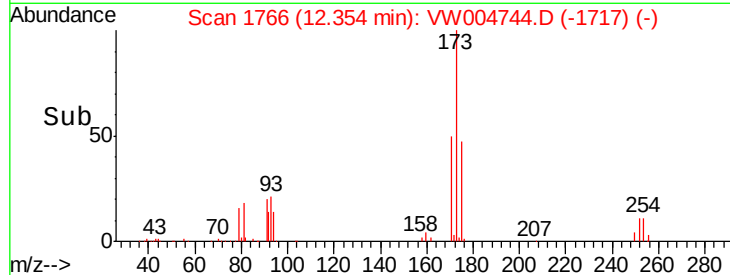
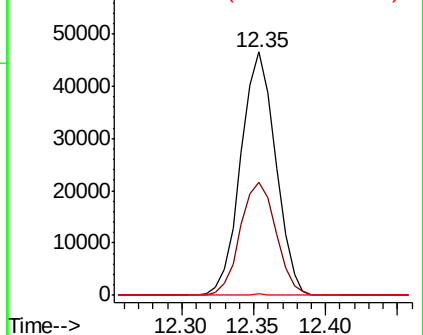


Abundance

Ion 172.70 (172.40 to 173.40): V

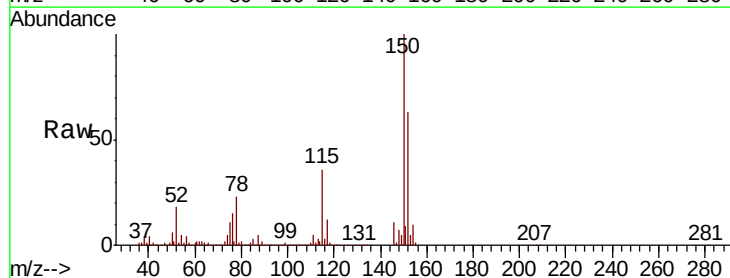
Ion 174.70 (174.40 to 175.40): V

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: VW004744.D
Acq: 17 Aug 2018 20:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.7	28.5	85.5
150	164.7	0.0	344.8

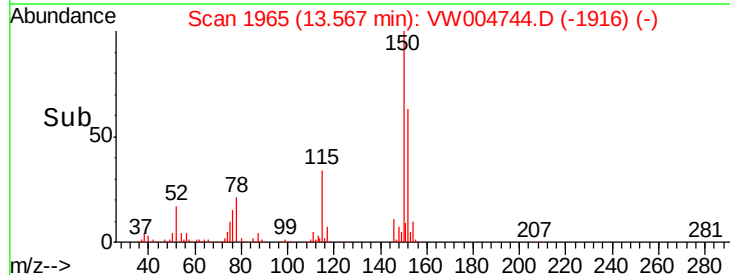
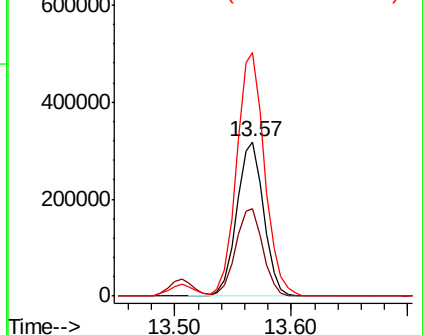


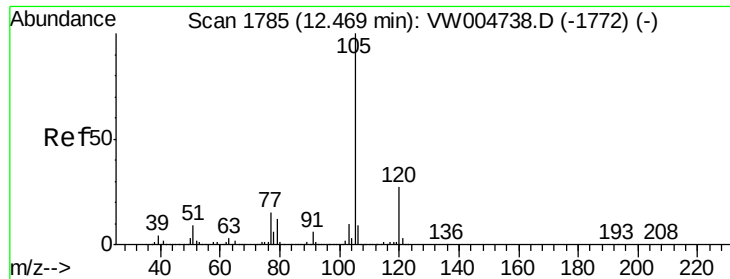
Abundance

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





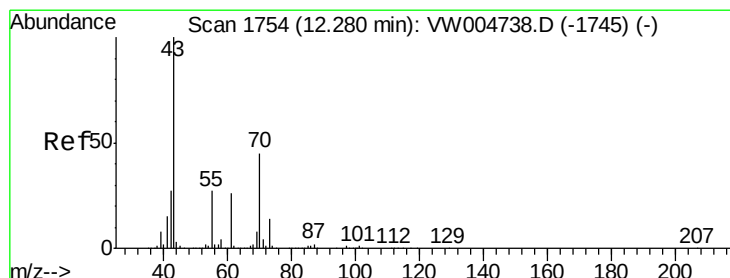
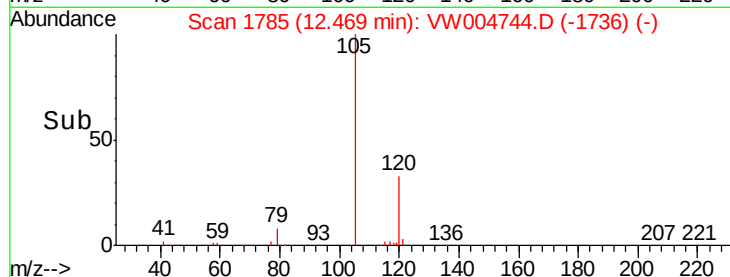
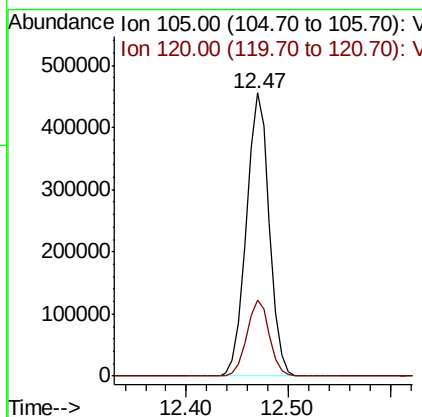
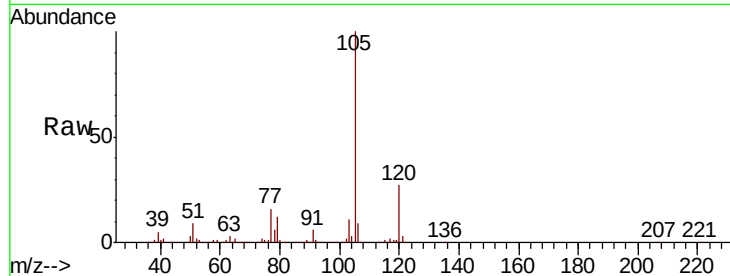
#73
Isopropylbenzene
Concen: 20.51 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VW004744.D
Acq: 17 Aug 2018 20:38

Instrument :
MSVOA_W
ClientSampled :
VW0819SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.3	39.9

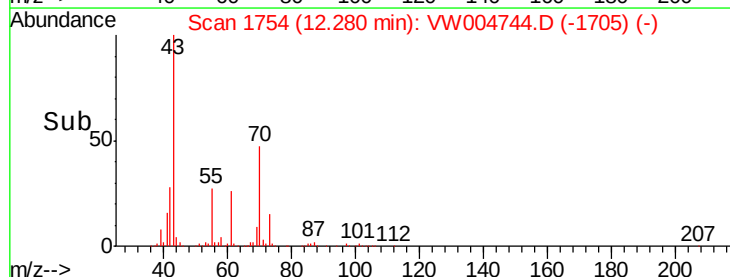
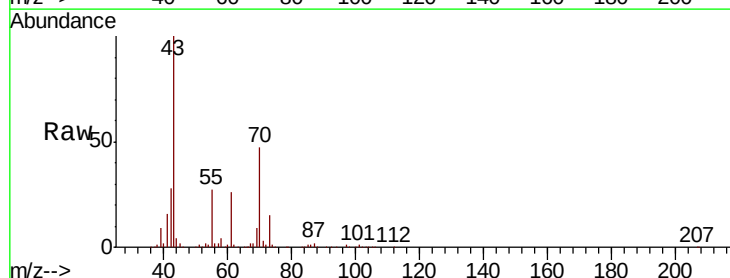
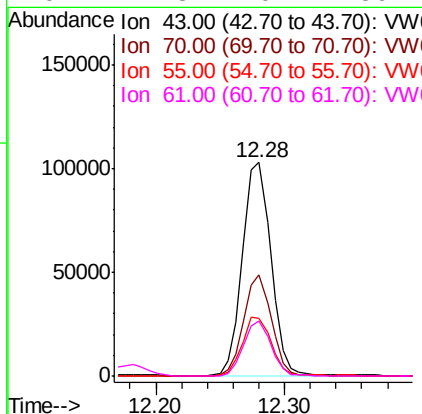
Manual Integrations
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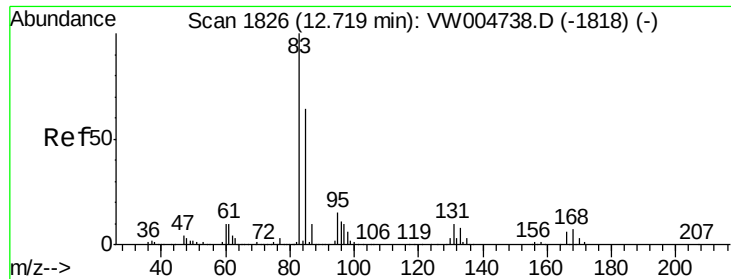
apatel
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#74
N-ethyl acetate
Concen: 21.98 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW004744.D
Acq: 17 Aug 2018 20:38

Tgt Ion	Ratio	Lower	Upper
43	100		
70	46.0	36.3	54.5
55	28.4	22.6	33.8
61	24.8	20.2	30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 21.60 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004744.D

Acq: 17 Aug 2018 20:38

Instrument :

MSVOA_W

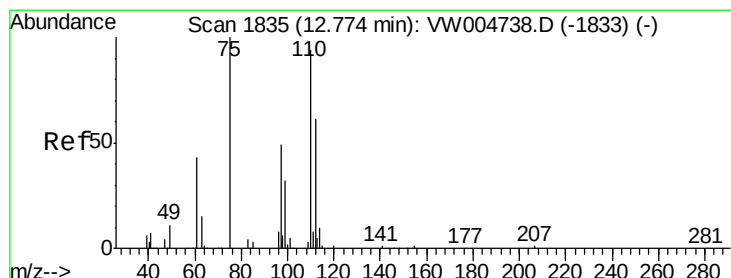
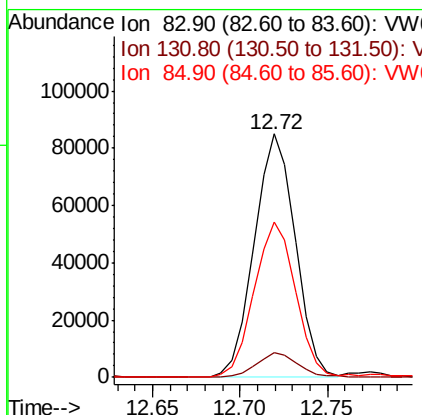
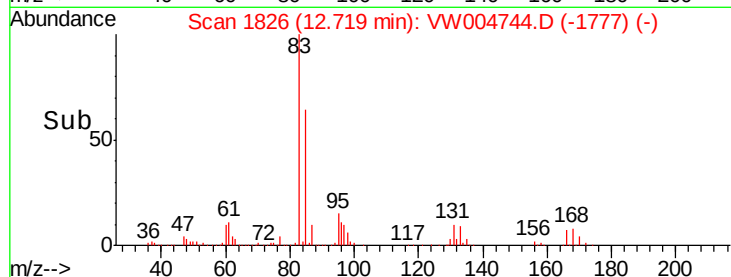
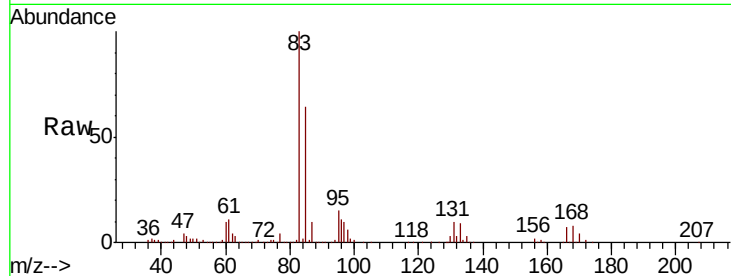
ClientSampled :

VW0819SBS01

Tot Ion:	83	Resp:	138455
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.3	15.8
85	64.8	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 23.89 ug/l m

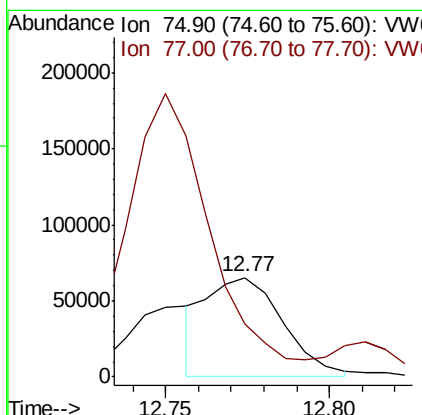
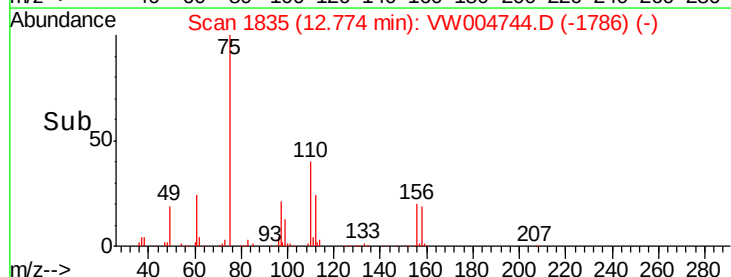
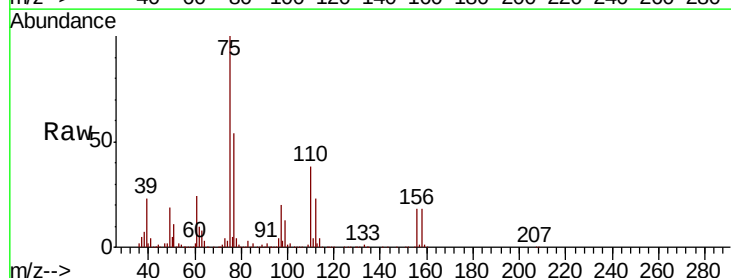
RT: 12.77 min Scan# 1835

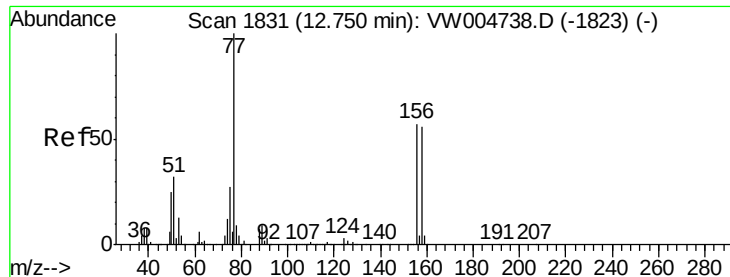
Delta R.T. 0.00 min

Lab File: VW004744.D

Acq: 17 Aug 2018 20:38

Tgt Ion:	75	Resp:	107093
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.12 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW004744.D

Acq: 17 Aug 2018 20:38

Instrument :

MSVOA_W

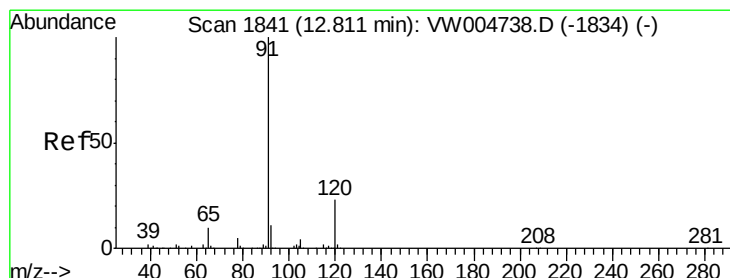
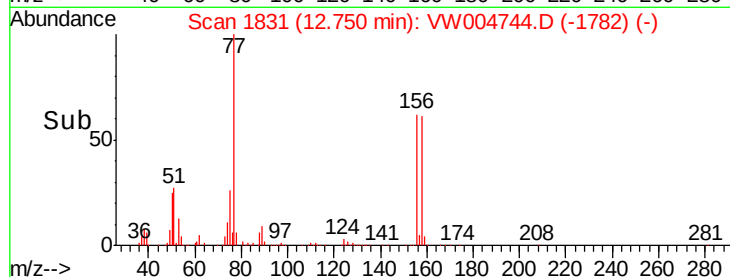
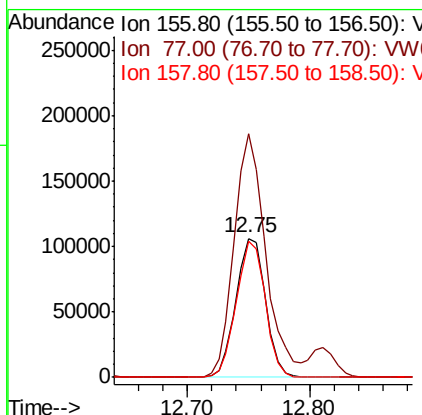
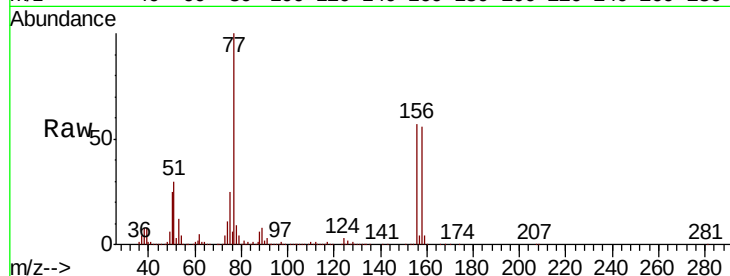
ClientSampled :

VW0819SBS01

Tot Ion:	156	Resp:	176847
Ion Ratio	Lower	Upper	
156	100		
77	188.1	94.2	282.4
158	96.3	48.6	145.9

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#78

n-propylbenzene

Concen: 20.82 ug/l

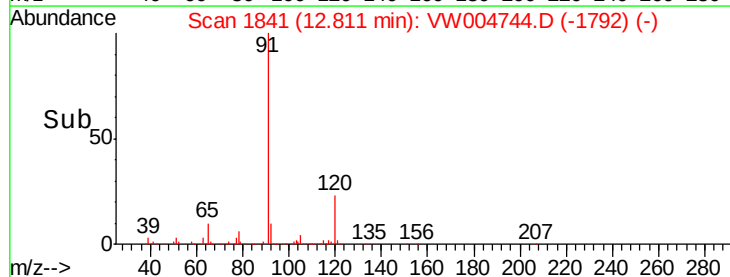
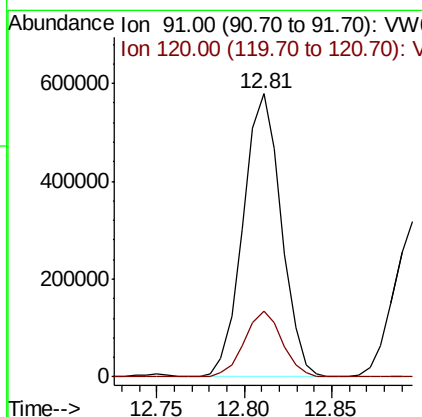
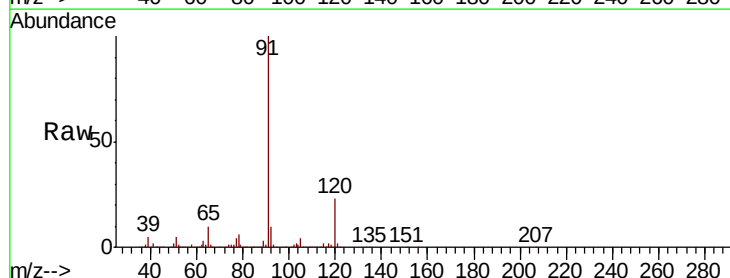
RT: 12.81 min Scan# 1841

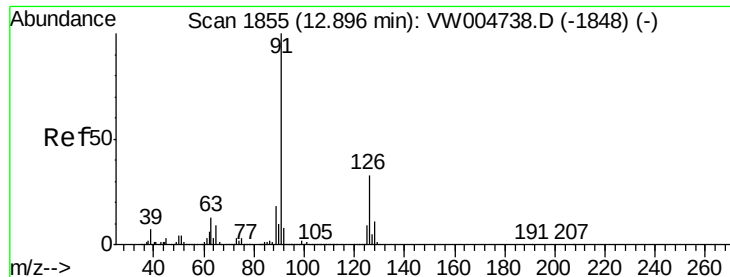
Delta R.T. 0.00 min

Lab File: VW004744.D

Acq: 17 Aug 2018 20:38

Tgt Ion:	91	Resp:	879122
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.4	34.2





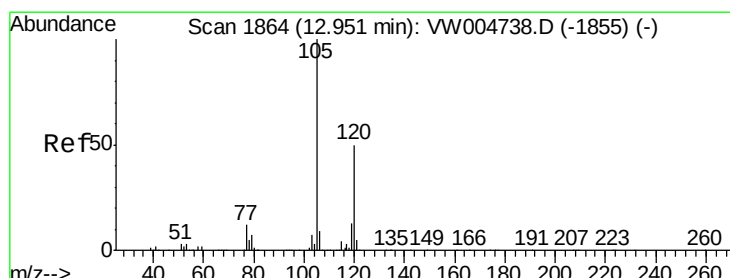
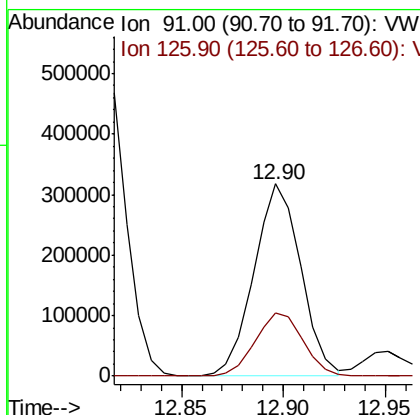
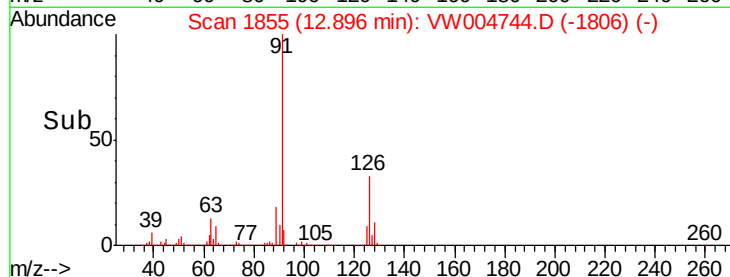
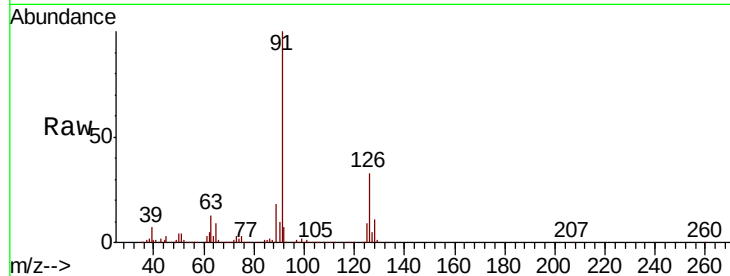
#79
 2-Chlorotoluene
 Concen: 20.79 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW004744.D
 Acq: 17 Aug 2018 20:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0819SBS01

Tot Ion: 91 Resp: 506070
 Ion Ratio Lower Upper
 91 100
 126 34.0 17.0 51.0

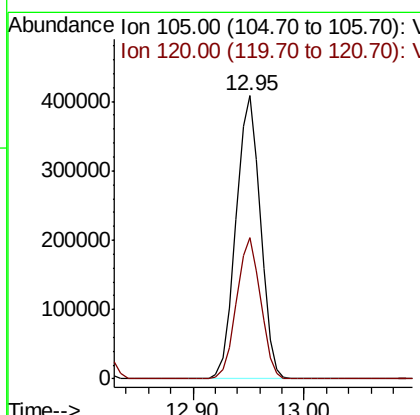
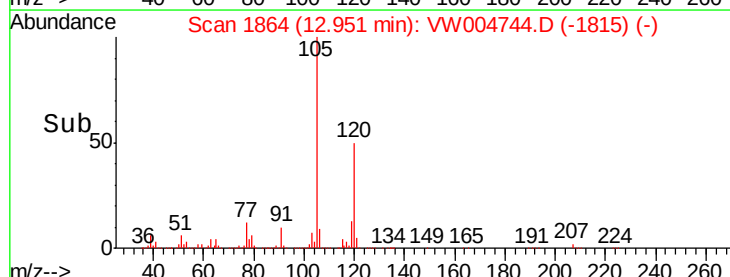
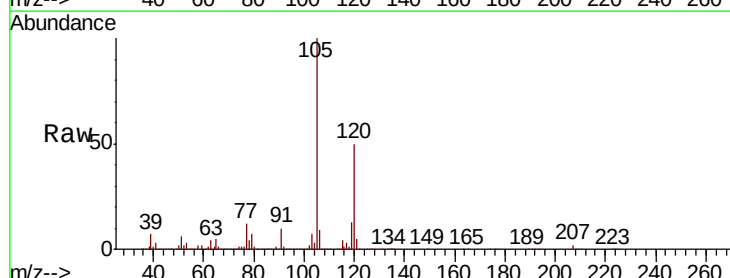
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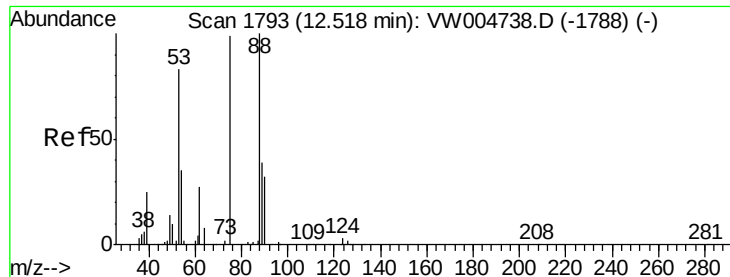
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#80
 1,3,5-Trimethylbenzene
 Concen: 21.06 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW004744.D
 Acq: 17 Aug 2018 20:38

Tgt Ion:105 Resp: 618989
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 20.23 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW004744.D

Acq: 17 Aug 2018 20:38

Instrument :

MSVOA_W

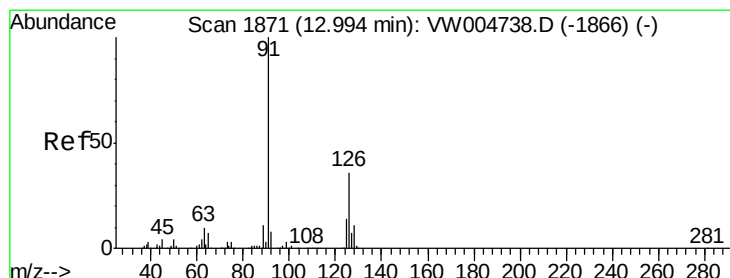
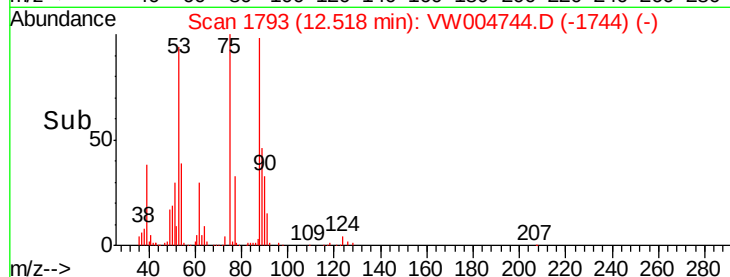
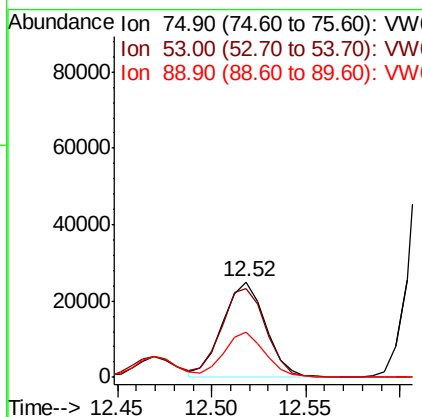
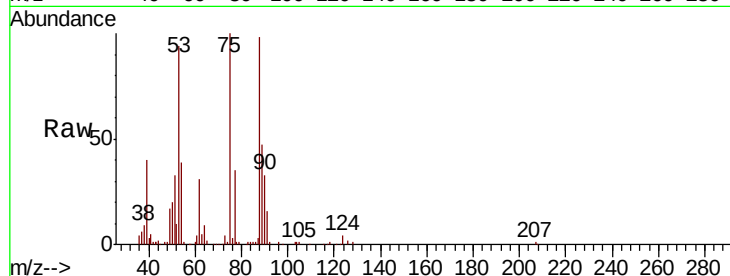
ClientSampleId :

VW0819SBS01

Tot Ion:	75	Resp:	39027
Ion	Ratio	Lower	Upper
75	100		
53	98.8	72.2	108.4
89	45.6	35.2	52.8

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#82

4-Chlorotoluene

Concen: 20.96 ug/l

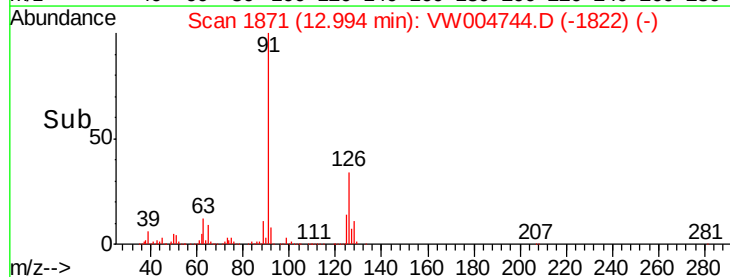
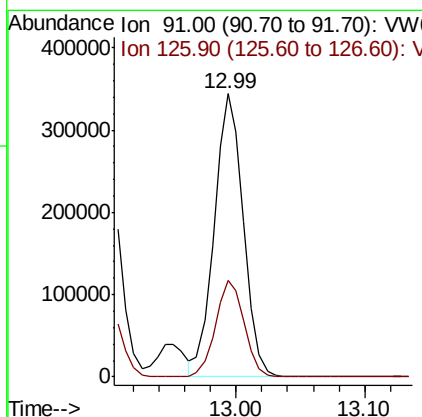
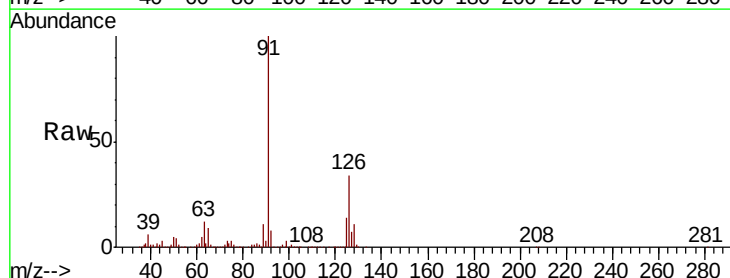
RT: 12.99 min Scan# 1871

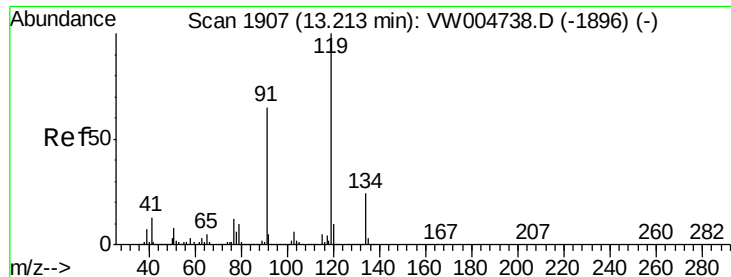
Delta R.T. 0.00 min

Lab File: VW004744.D

Acq: 17 Aug 2018 20:38

Tgt Ion:	91	Resp:	542082
Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.9	50.7





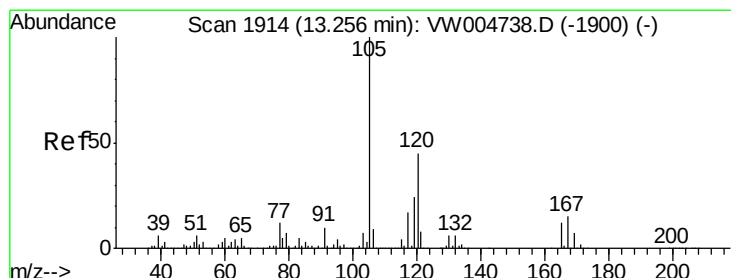
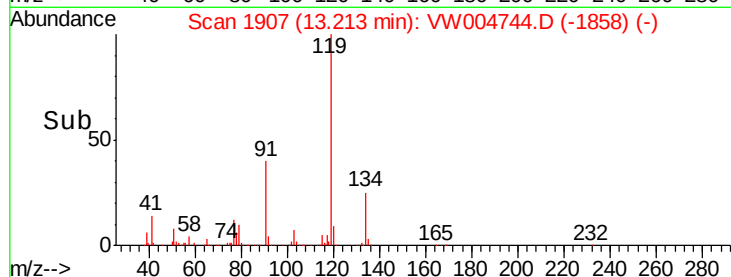
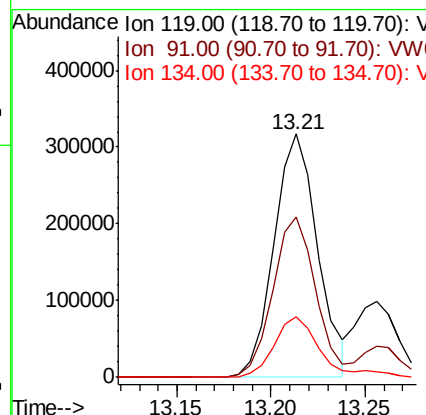
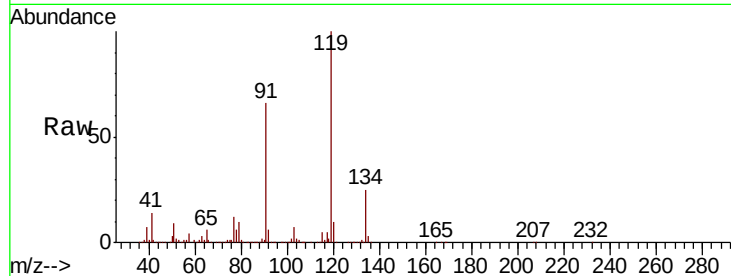
#83
 tert-Butylbenzene
 Concen: 20.25 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW004744.D
 Acq: 17 Aug 2018 20:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0819SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	509256		
91	64.4		32.6	97.8
134	24.6		13.1	39.3

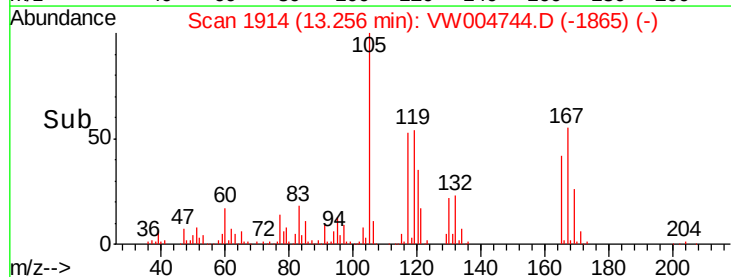
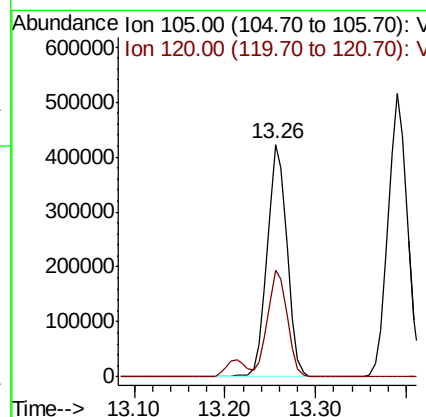
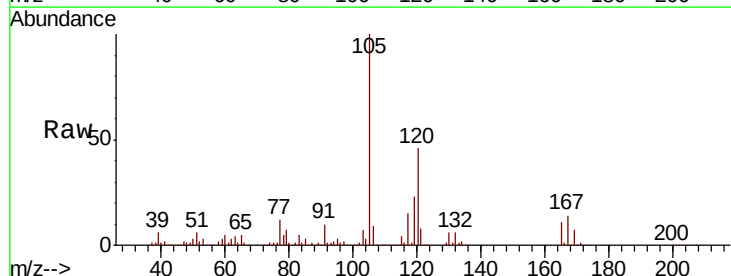
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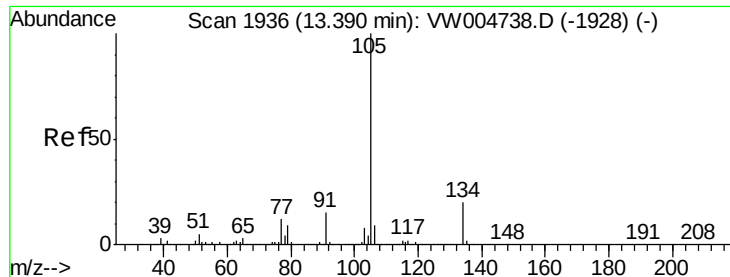
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.18 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW004744.D
 Acq: 17 Aug 2018 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	640413		
120	45.6		22.8	68.3





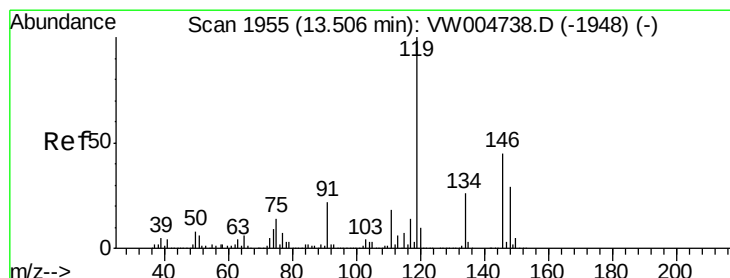
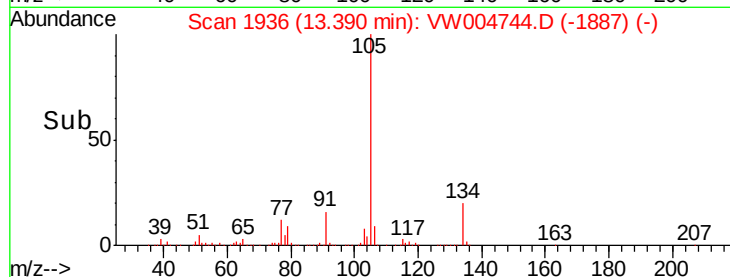
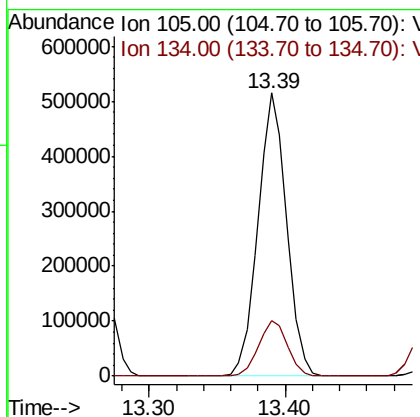
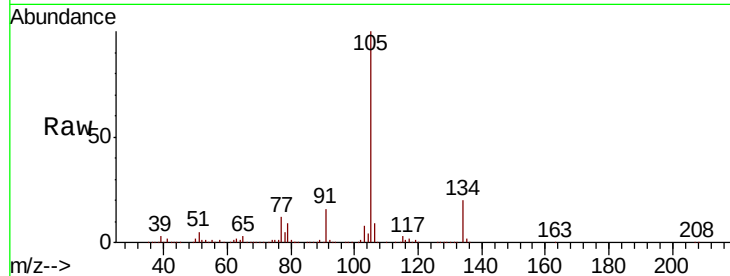
#85
 sec-Butylbenzene
 Concen: 20.26 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004744.D
 Acq: 17 Aug 2018 20:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0819SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.0	10.0	29.8

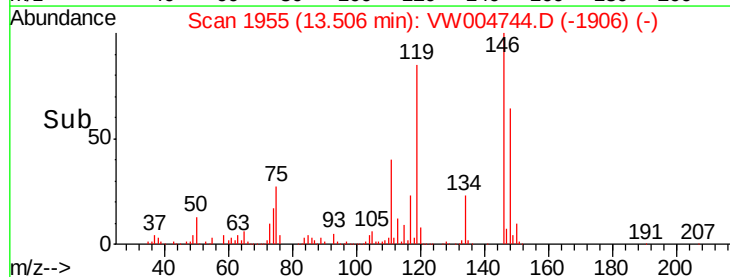
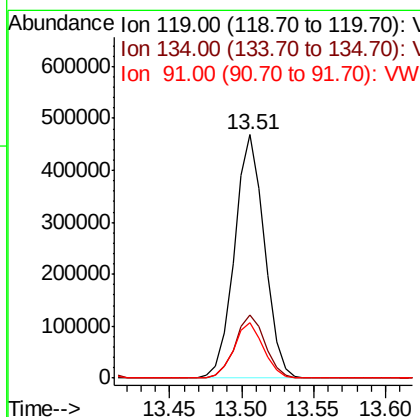
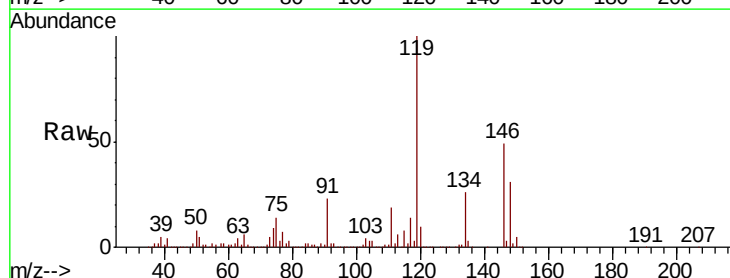
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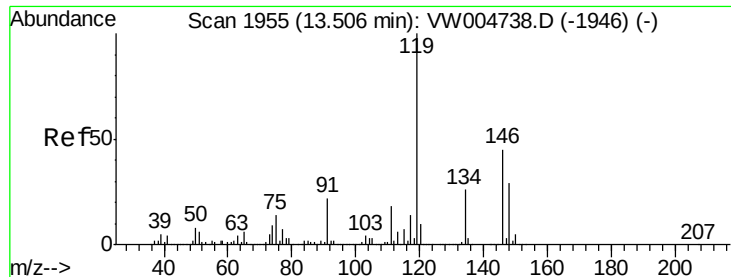
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#86
 p-Isopropyltoluene
 Concen: 20.75 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004744.D
 Acq: 17 Aug 2018 20:38

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.1	39.3
91	22.4	11.2	33.5





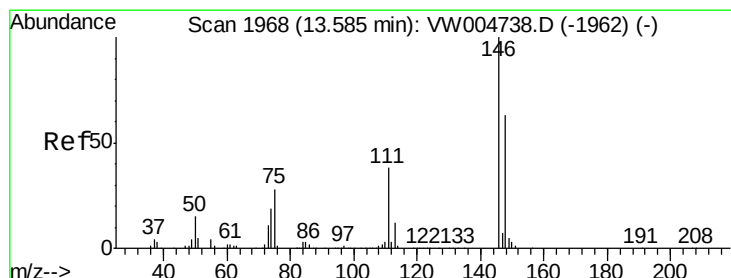
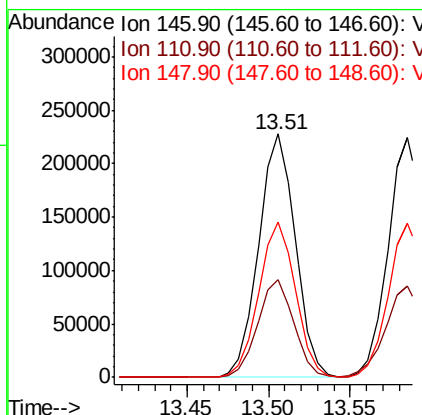
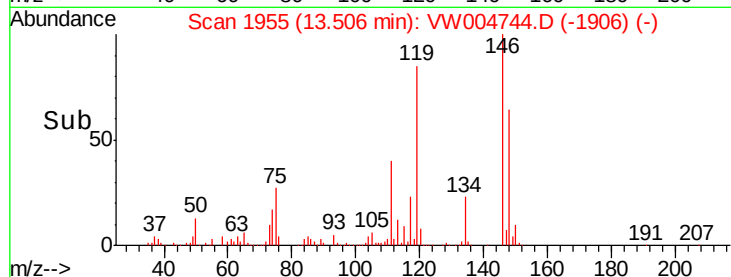
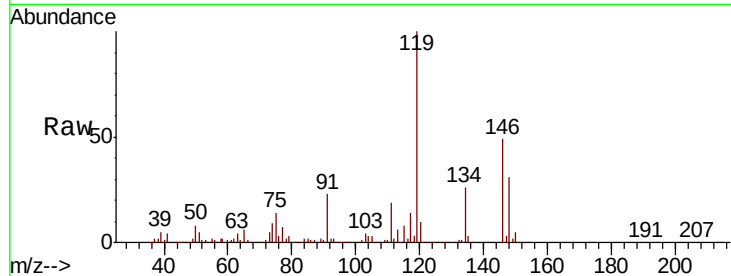
#87
 1,3-Dichlorobenzene
 Concen: 20.94 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004744.D
 Acq: 17 Aug 2018 20:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0819SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.8	59.4
148	63.7	31.9	95.9

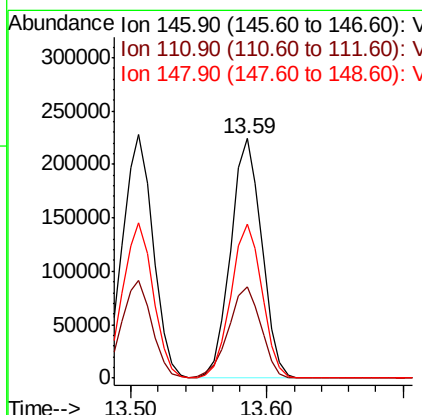
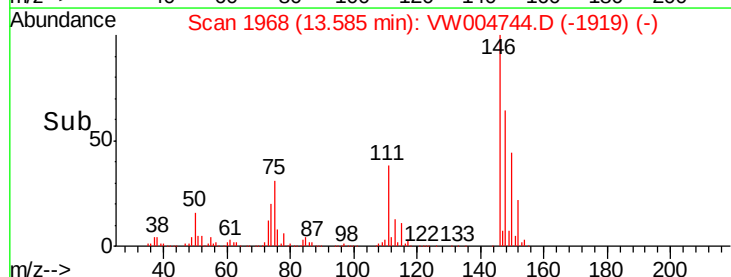
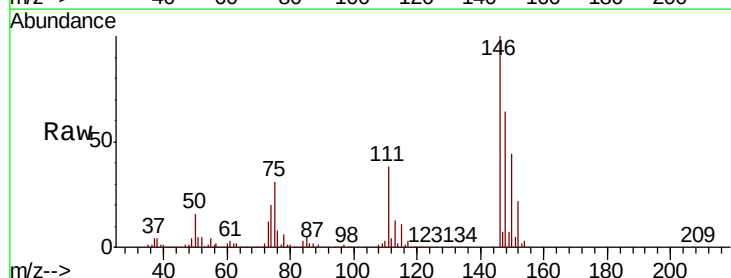
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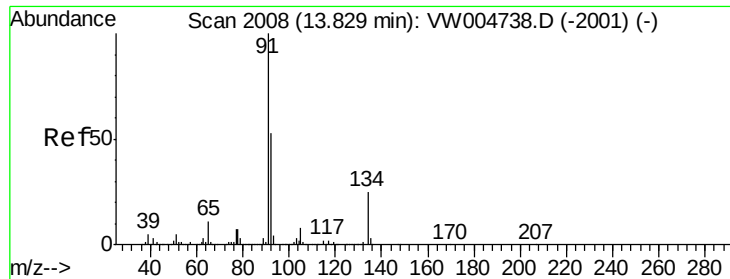
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#88
 1,4-Dichlorobenzene
 Concen: 20.89 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW004744.D
 Acq: 17 Aug 2018 20:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.3	57.8
148	64.5	31.8	95.3





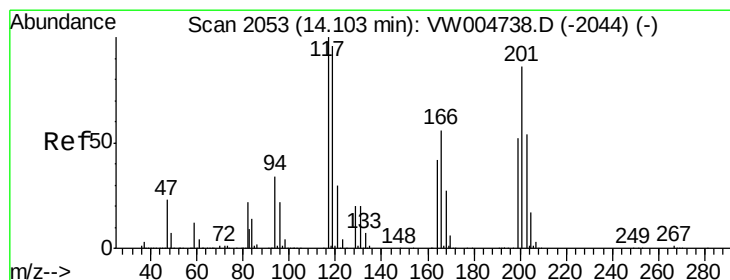
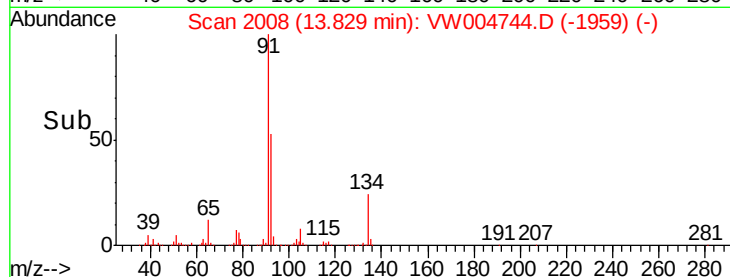
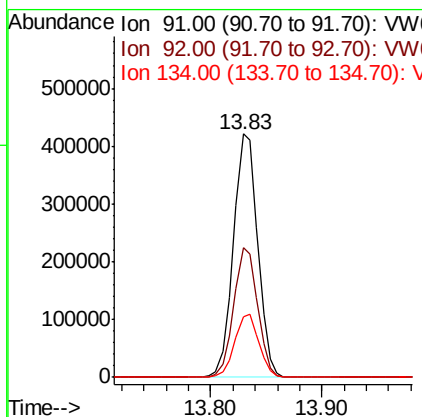
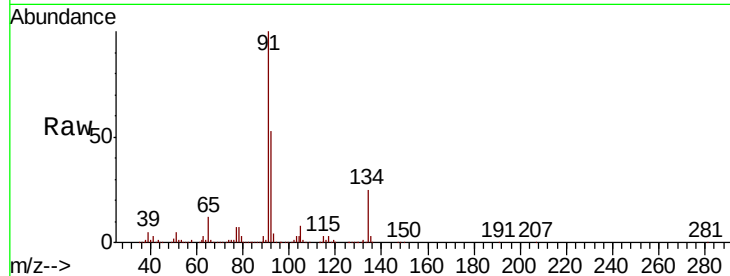
#89
n-Butylbenzene
Concen: 20.12 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VW004744.D
Acq: 17 Aug 2018 20:38

Instrument :
MSVOA_W
ClientSampleId :
VW0819SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.4	79.2
134	25.6	12.8	38.3

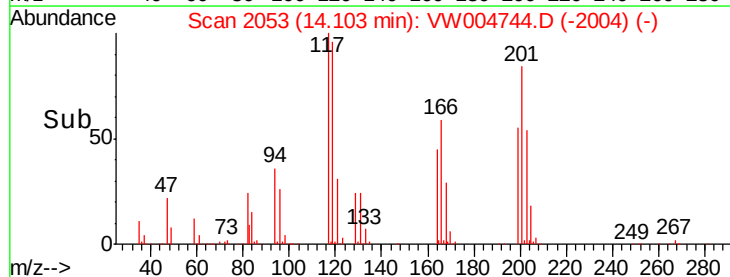
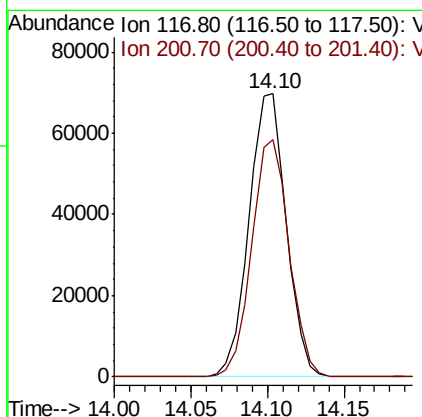
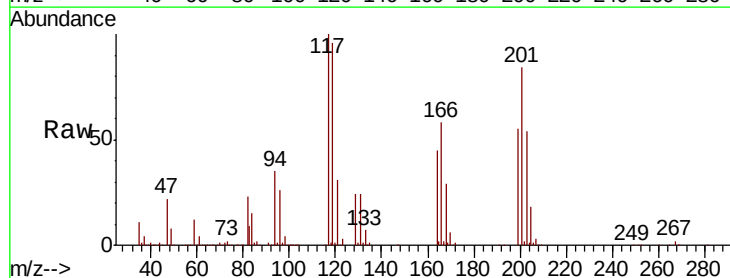
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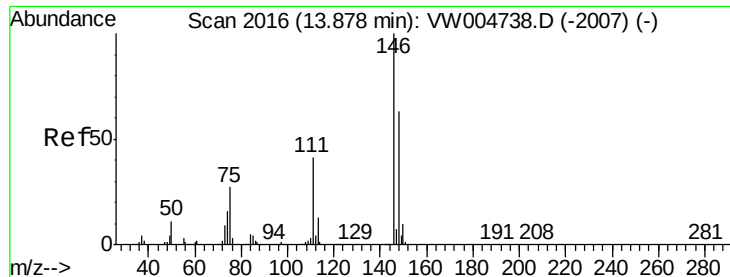
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#90
Hexachloroethane
Concen: 19.86 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW004744.D
Acq: 17 Aug 2018 20:38

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.2	42.4	127.2





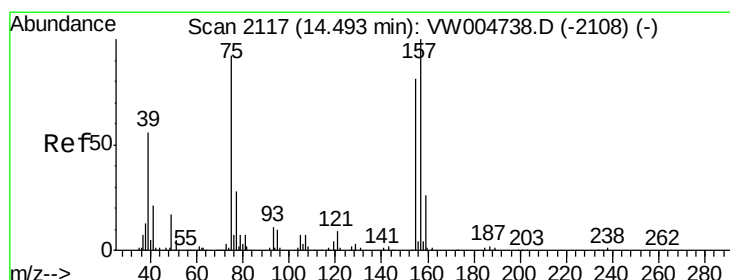
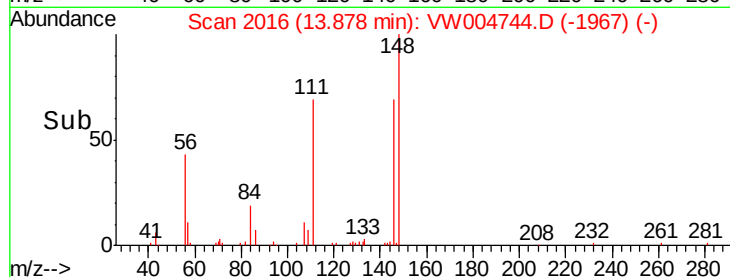
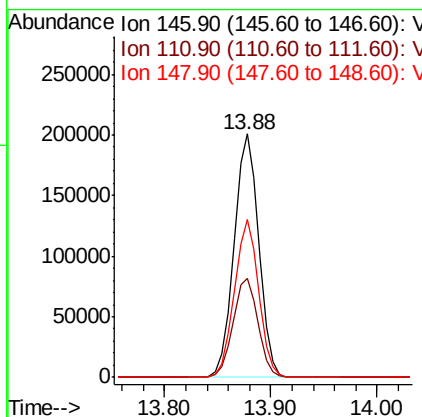
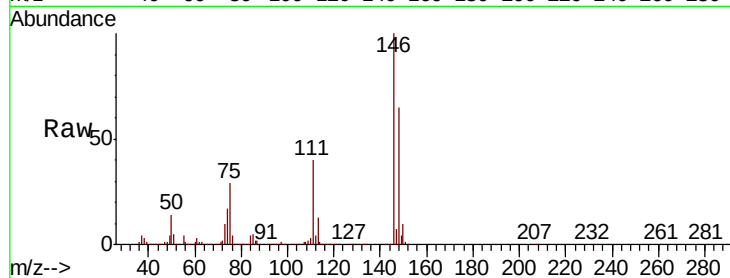
#91
 1,2-Dichlorobenzene
 Concen: 21.33 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW004744.D
 Acq: 17 Aug 2018 20:38

Instrument :
 MSVOA_W
 ClientSampled :
 VW0819SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	326314		
111	41.1	20.4	61.3	
148	63.7	31.6	95.0	

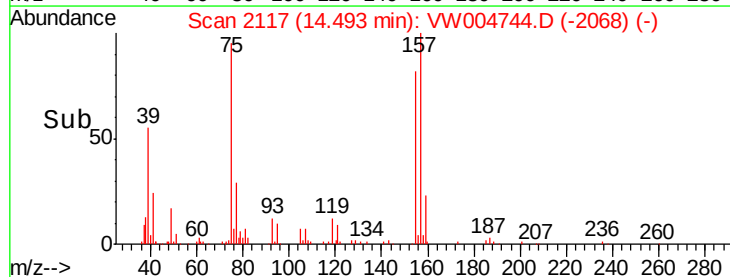
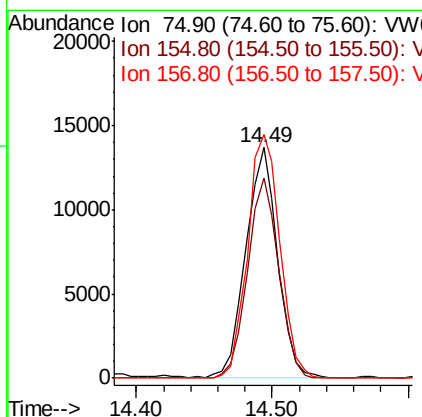
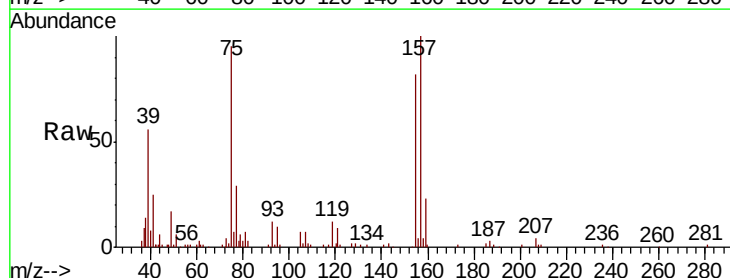
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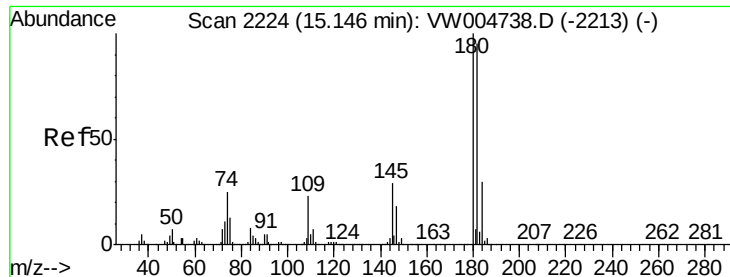
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.36 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW004744.D
 Acq: 17 Aug 2018 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	22396		
155	84.9	43.3	129.9	
157	107.4	54.5	163.6	





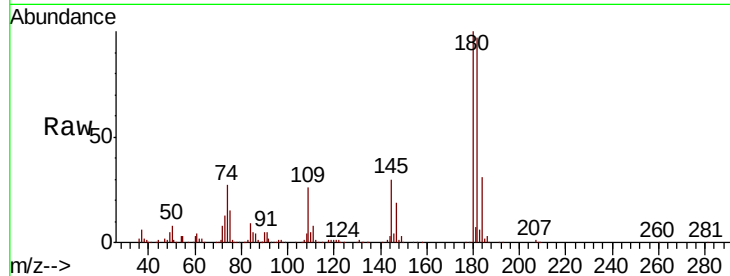
#93
 1,2,4-Trichlorobenzene
 Concen: 21.37 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: VW004744.D
 Acq: 17 Aug 2018 20:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0819SBS01

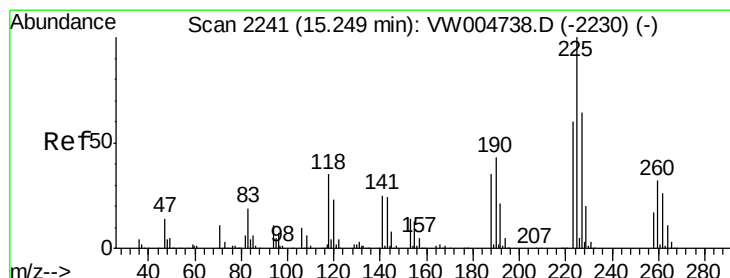
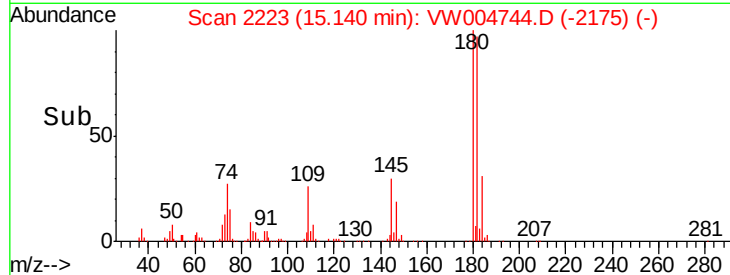
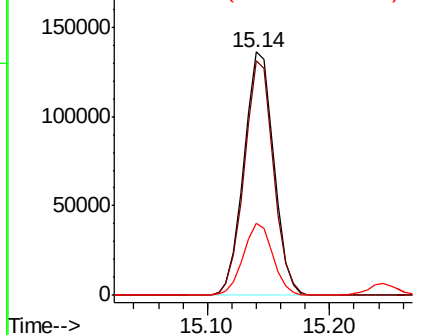
Tot Ion:	180	Resp:	231268
Ion Ratio	Lower	Upper	
180	100		
182	94.7	47.3	141.8
145	29.3	14.6	43.8

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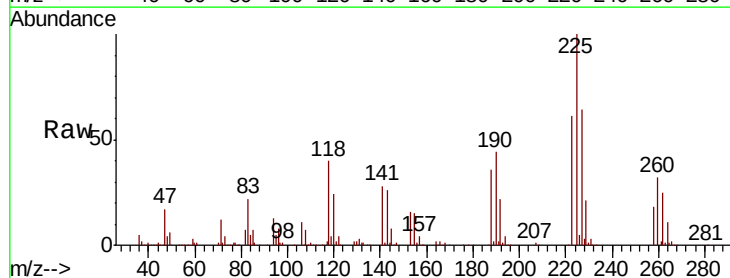


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

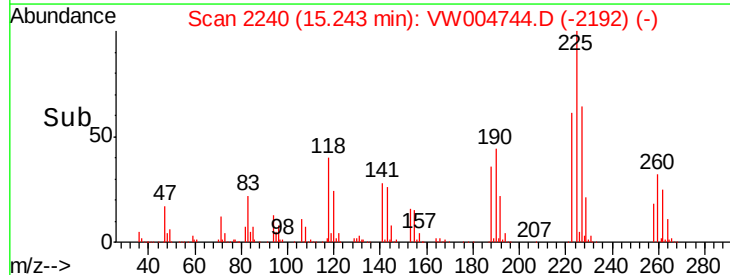
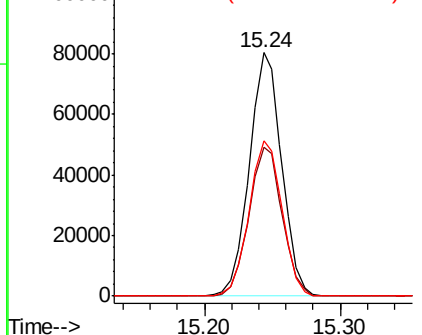


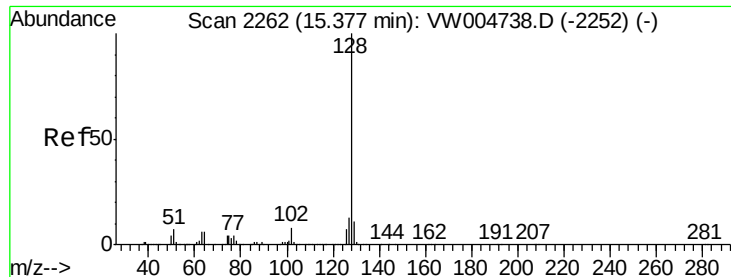
#94
 Hexachlorobutadiene
 Concen: 20.11 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW004744.D
 Acq: 17 Aug 2018 20:38

Tgt Ion:	225	Resp:	133567
Ion Ratio	Lower	Upper	
225	100		
223	62.9	30.9	92.5
227	64.9	32.0	96.0



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





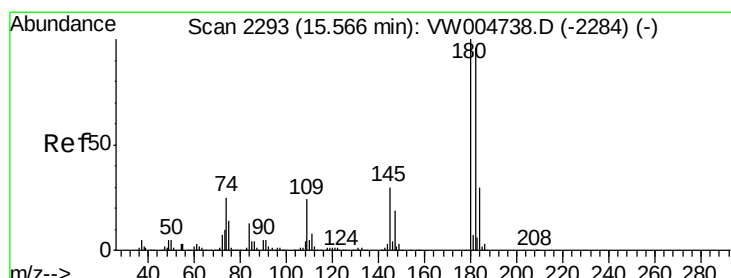
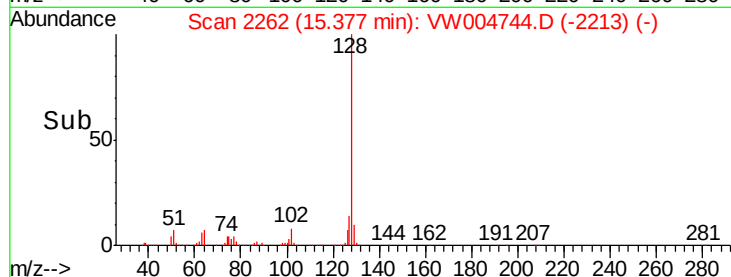
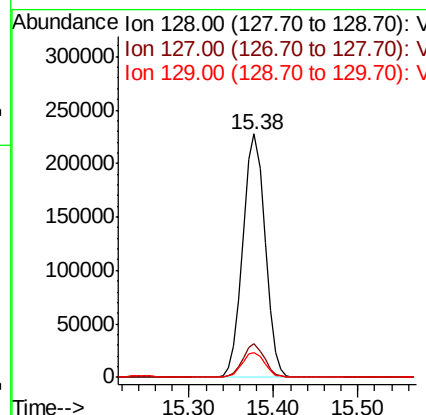
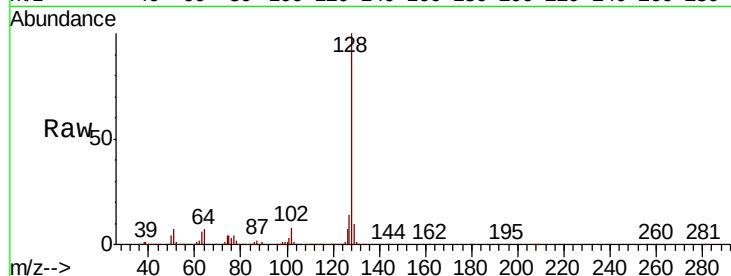
#95
Naphthalene
Concen: 21.44 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004744.D
Acq: 17 Aug 2018 20:38

Instrument :
MSVOA_W
ClientSampleId :
VW0819SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.6	8.6	13.0

Manual Integrations
APPROVED

apatel
8/20/2018 9:54:18 AM



#96
1,2,3-Trichlorobenzene
Concen: 21.75 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004744.D
Acq: 17 Aug 2018 20:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.3	142.0
145	31.6	15.4	46.1

