

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072618\
 Data File : VW004202.D
 Acq On : 25 Jul 2018 19:53
 Operator : SY/AP
 Sample : VW0726SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0726SBS01

Manual Integrations
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 7/26/2018 12:28:39 PM

Quant Time: Jul 26 05:53:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	231180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	363106	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	344034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	185156	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	150129	58.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.20%	
35) Dibromofluoromethane	7.88	113	131784	56.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.14%	
50) Toluene-d8	10.33	98	520426	57.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.14%	
62) 4-Bromofluorobenzene	12.62	95	185868	57.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	25768	19.85	ug/l	97
3) Chloromethane	2.21	50	41186	24.10	ug/l	96
4) Vinyl Chloride	2.35	62	51384	21.86	ug/l	98
5) Bromomethane	2.76	94	29814	20.29	ug/l	100
6) Chloroethane	2.92	64	27098	20.29	ug/l	97
7) Trichlorofluoromethane	3.24	101	20797	21.08	ug/l	99
8) Diethyl Ether	3.67	74	26072	22.76	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	53312	23.41	ug/l	99
10) Methyl Iodide	4.26	142	73285	22.41	ug/l	100
11) Tert butyl alcohol	5.18	59	23151	129.78	ug/l	97
12) 1,1-Dichloroethene	4.03	96	51680	23.00	ug/l	98
13) Acrolein	3.89	56	19081	104.10	ug/l	99
14) Allyl chloride	4.65	41	82516	22.25	ug/l	98
15) Acrylonitrile	5.37	53	69731	118.81	ug/l	100
16) Acetone	4.12	43	64375	103.67	ug/l	97
17) Carbon Disulfide	4.37	76	160320	22.86	ug/l	98
18) Methyl Acetate	4.67	43	34613	23.22	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	93281	21.66	ug/l	97
20) Methylene Chloride	4.91	84	62151	17.57	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	55906	22.70	ug/l	96
22) Diisopropyl ether	6.31	45	180893	24.14	ug/l	98
23) Vinyl Acetate	6.26	43	543360	114.42	ug/l	99
24) 1,1-Dichloroethane	6.21	63	106915	23.38	ug/l	99
25) 2-Butanone	7.18	43	94438	113.01	ug/l	99
26) 2,2-Dichloropropane	7.17	77	56730	21.61	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	59051	22.18	ug/l	100
28) Bromochloromethane	7.51	49	46090	24.63	ug/l	100
29) Tetrahydrofuran	7.54	42	60290	115.83	ug/l	100
30) Chloroform	7.68	83	106565	23.43	ug/l	98
31) Cyclohexane	7.95	56	92524	21.58	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	79186	22.29	ug/l	98
36) 1,1-Dichloropropene	8.09	75	83153	22.26	ug/l	99
37) Ethyl Acetate	7.26	43	42841	23.78	ug/l	99
38) Carbon Tetrachloride	8.07	117	77961	22.33	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	90569	20.70	ug/l	93
40) Benzene	8.32	78	239894	23.15	ug/l	99
41) Methacrylonitrile	7.48	41	21055	21.09	ug/l	94
42) 1,2-Dichloroethane	8.40	62	73122	23.12	ug/l	100
43) Isopropyl Acetate	8.43	43	76600	22.73	ug/l	100
44) Trichloroethene	9.09	130	59496	22.14	ug/l	97
45) 1,2-Dichloropropane	9.37	63	63294	23.93	ug/l	98
46) Dibromomethane	9.46	93	32633	23.77	ug/l	98
47) Bromodichloromethane	9.65	83	77772	22.98	ug/l	99
48) Methyl methacrylate	9.44	41	36891	22.63	ug/l	99
49) 1,4-Dioxane	9.45	88	10835	513.50	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	211044	117.54	ug/l	99
52) Toluene	10.39	92	149221	23.28	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	77989	22.04	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	90446	22.34	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	46493	24.08	ug/l	98
56) Ethyl methacrylate	10.65	69	54115	21.39	ug/l	97
57) 1,3-Dichloropropane	10.93	76	79015	23.56	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	129036	112.67	ug/l	99
59) 2-Hexanone	10.98	43	147311	116.40	ug/l	97
60) Dibromochloromethane	11.13	129	51372	22.85	ug/l	100
61) 1,2-Dibromoethane	11.24	107	42753	23.27	ug/l	97
64) Tetrachloroethene	10.87	164	52723	22.33	ug/l	99
65) Chlorobenzene	11.66	112	162938	22.27	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	56745	22.32	ug/l	99
67) Ethyl Benzene	11.74	91	274580	21.37	ug/l	99
68) m/p-Xylenes	11.85	106	216524	44.08	ug/l	99
69) o-Xylene	12.17	106	96917	21.27	ug/l	99
70) Styrene	12.19	104	168542	22.15	ug/l	99
71) Bromoform	12.35	173	31695	22.08	ug/l	# 99
73) Isopropylbenzene	12.47	105	266512	20.37	ug/l	99
74) N-amyl acetate	12.28	43	73270	21.49	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	56824	22.46	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	38685m	21.05	ug/l	
77) Bromobenzene	12.75	156	66454	21.23	ug/l	99
78) n-propylbenzene	12.81	91	341103	21.25	ug/l	100
79) 2-Chlorotoluene	12.90	91	196624	21.72	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	234339	21.28	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	16637	20.02	ug/l	93
82) 4-Chlorotoluene	12.99	91	211311	21.75	ug/l	99
83) tert-Butylbenzene	13.21	119	187186	20.25	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	244179	21.56	ug/l	99
85) sec-Butylbenzene	13.39	105	287605	20.97	ug/l	99
86) p-Isopropyltoluene	13.51	119	252284	20.97	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	135437	21.66	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	133604	21.31	ug/l	99
89) n-Butylbenzene	13.83	91	247420	20.92	ug/l	98
90) Hexachloroethane	14.10	117	46846	21.12	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	122856	22.05	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	10132	22.52	ug/l	94

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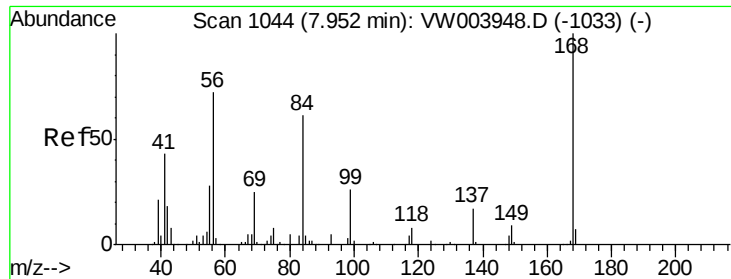
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	82804	21.16	ug/l	98
94) Hexachlorobutadiene	15.25	225	48493	21.58	ug/l	98
95) Naphthalene	15.38	128	149953	20.76	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	74489	21.50	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: VW004202.D

Acq: 25 Jul 2018 19:53

Instrument :

MSVOA_W

ClientSampleId :

VW0726SBS01

Tot Ion:168 Resp: 231180

Ion Ratio Lower Upper

168 100

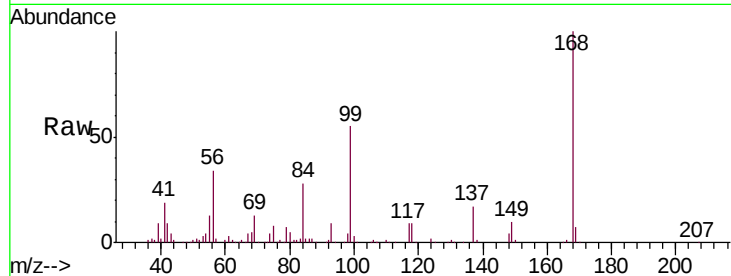
99 55.2 43.8 65.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

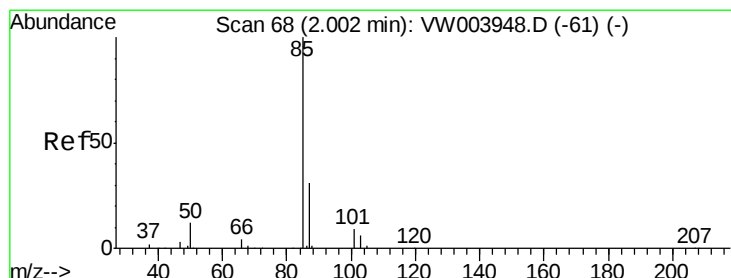
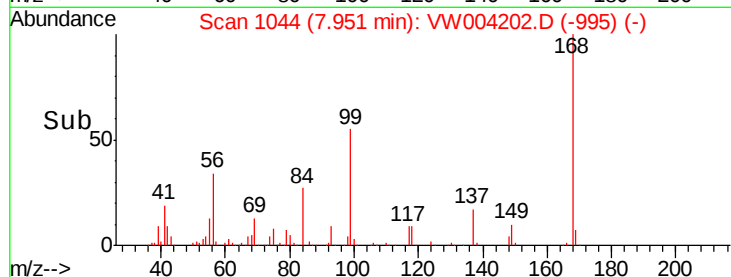
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.85 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW004202.D

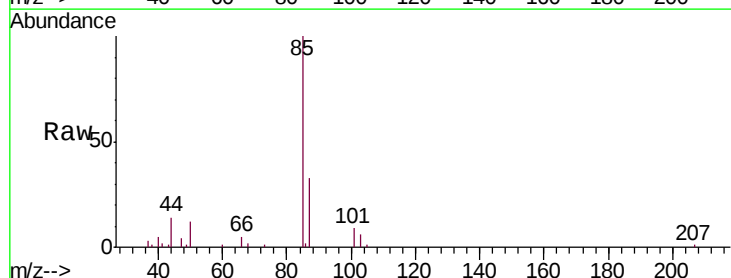
Acq: 25 Jul 2018 19:53

Tgt Ion: 85 Resp: 25768

Ion Ratio Lower Upper

85 100

87 32.5 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

8000

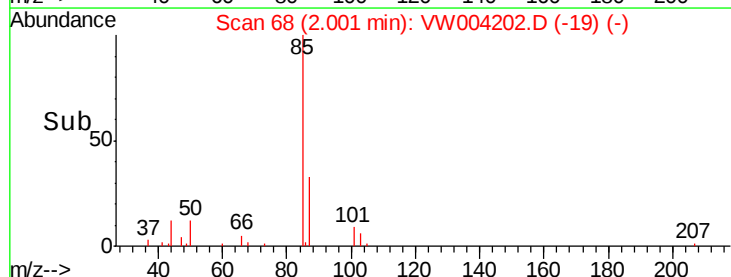
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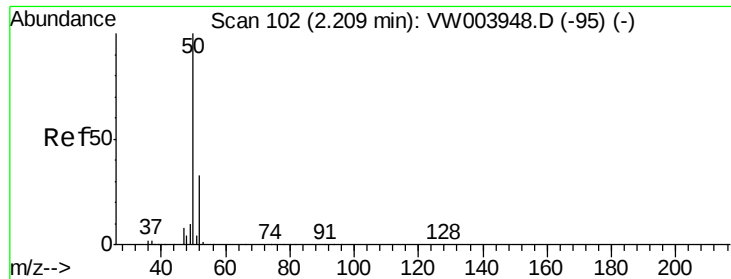
4000

2000

0

Time-->





#3

Chloromethane

Concen: 24.10 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

Instrument :

MSVOA_W

ClientSampleId :

VW0726SBS01

Tot Ion: 50 Resp: 41186

Ion Ratio Lower Upper

50 100

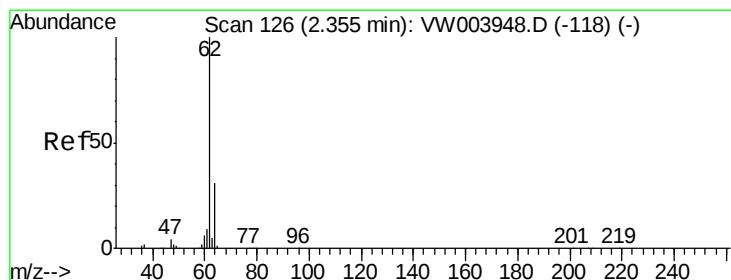
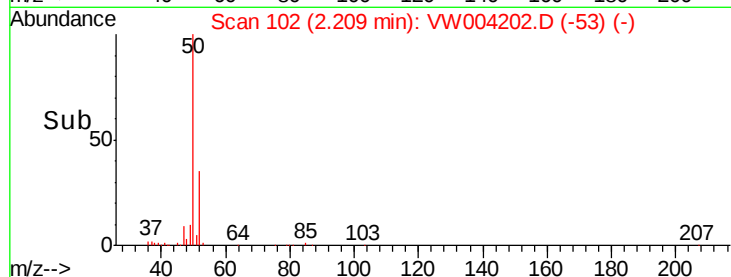
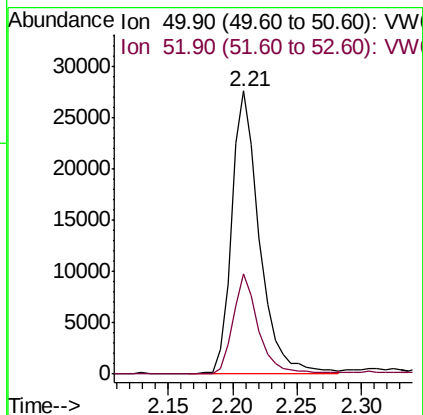
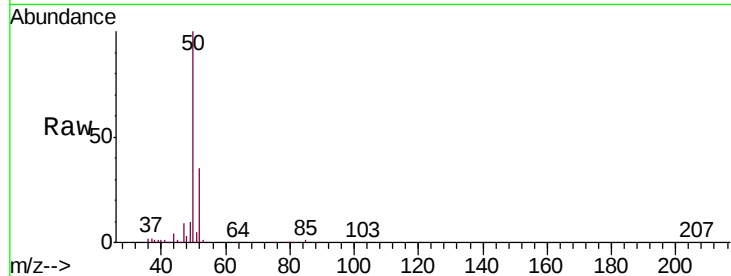
52 35.4 26.3 39.5

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#4

Vinyl Chloride

Concen: 21.86 ug/l

RT: 2.35 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW004202.D

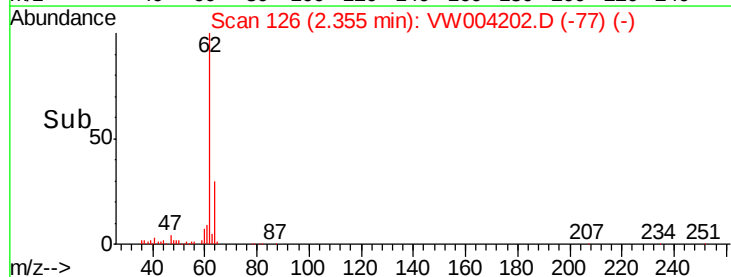
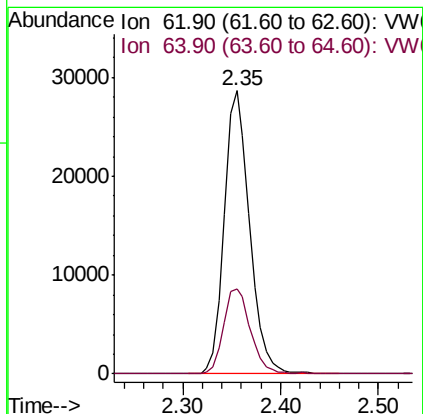
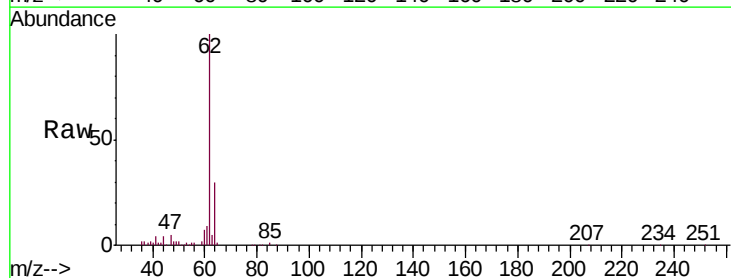
Acq: 25 Jul 2018 19:53

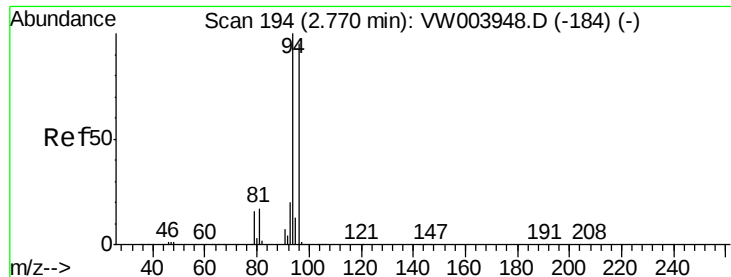
Tgt Ion: 62 Resp: 51384

Ion Ratio Lower Upper

62 100

64 30.2 25.0 37.6





#5

Bromomethane

Concen: 20.29 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

Instrument :

MSVOA_W

ClientSampleId :

VW0726SBS01

Tot Ion: 94 Resp: 29814

Ion Ratio Lower Upper

94 100

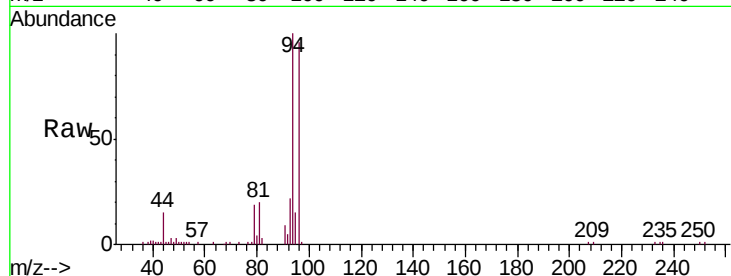
96 94.6 75.8 113.6

Manual Integrations

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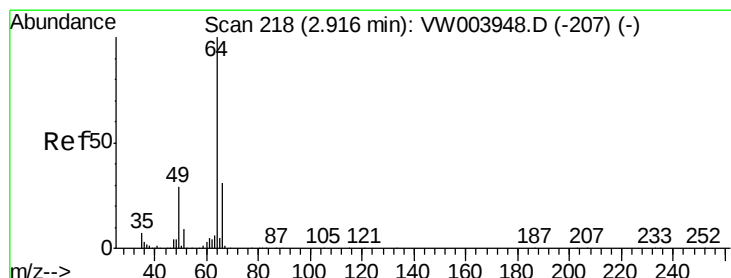
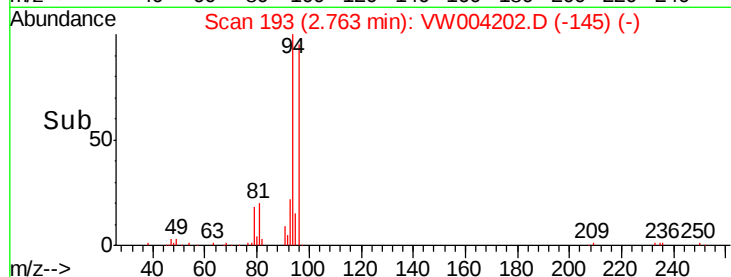
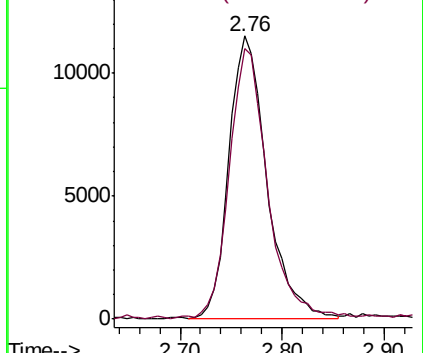
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 20.29 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.00 min

Lab File: VW004202.D

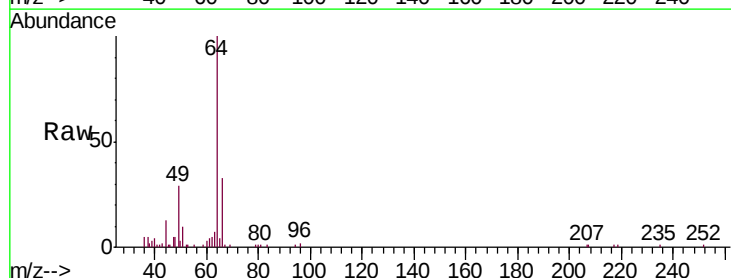
Acq: 25 Jul 2018 19:53

Tgt Ion: 64 Resp: 27098

Ion Ratio Lower Upper

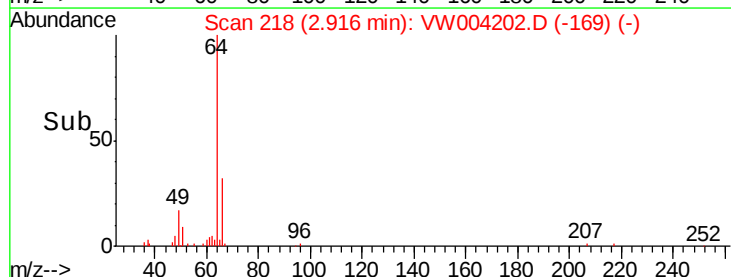
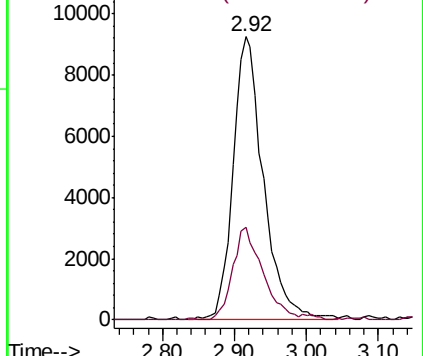
64 100

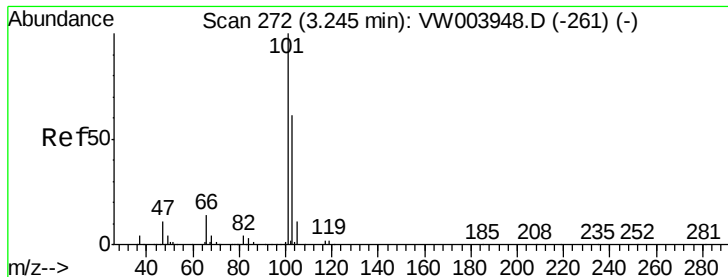
66 32.1 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

Trichlorofluoromethane

Concen: 21.08 ug/l

RT: 3.24 min Scan# 271

Delta R.T. -0.01 min

Lab File: VW004202.D

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Instrument :

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Tot Ion:101 Resp: 20797

Ion Ratio Lower Upper

101 100

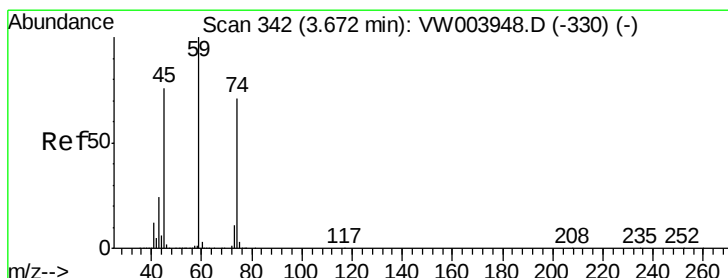
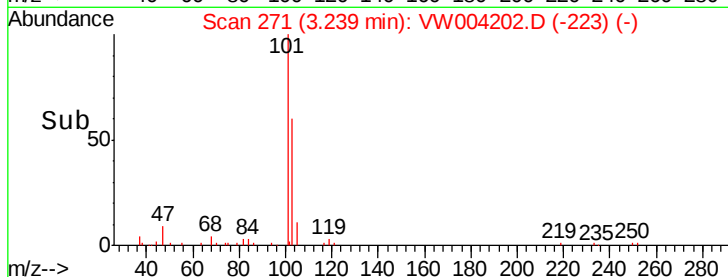
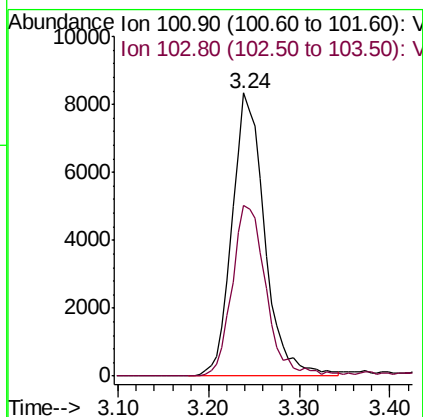
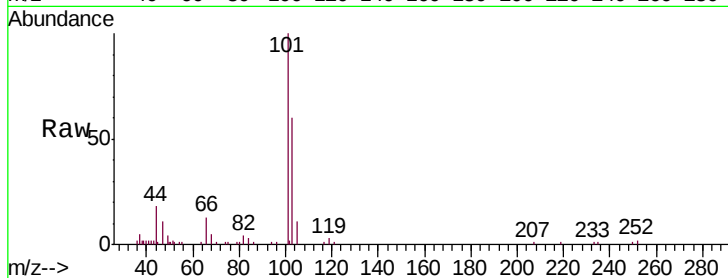
103 60.3 49.0 73.6

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#8

Diethyl Ether

Concen: 22.76 ug/l

RT: 3.67 min Scan# 342

Delta R.T. -0.00 min

Lab File: VW004202.D

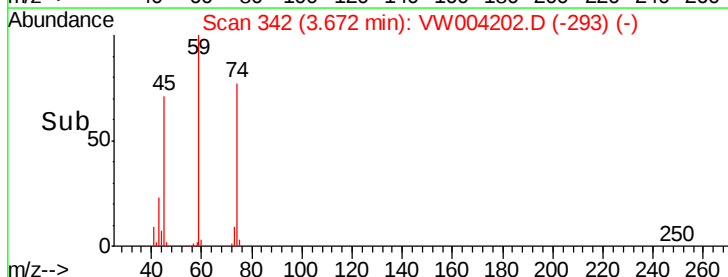
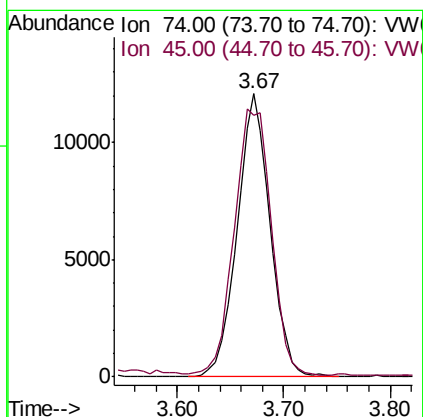
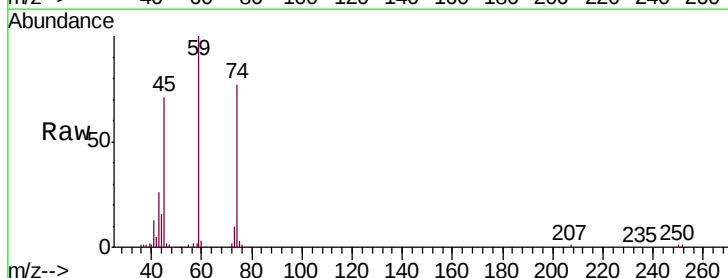
Acq: 25 Jul 2018 19:53

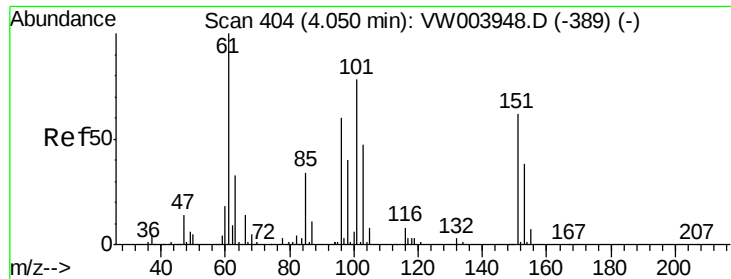
Tgt Ion: 74 Resp: 26072

Ion Ratio Lower Upper

74 100

45 107.3 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.41 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.00 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

Instrument :

MSVOA_W

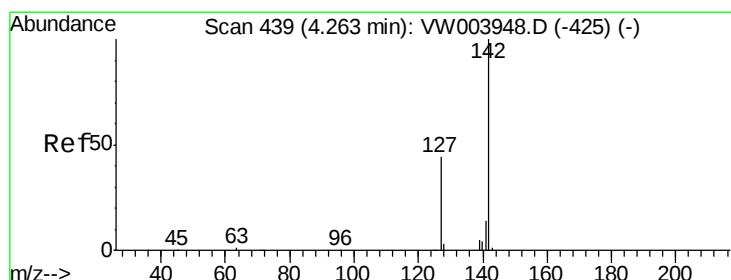
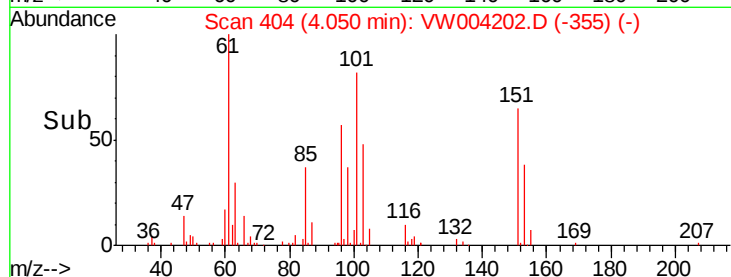
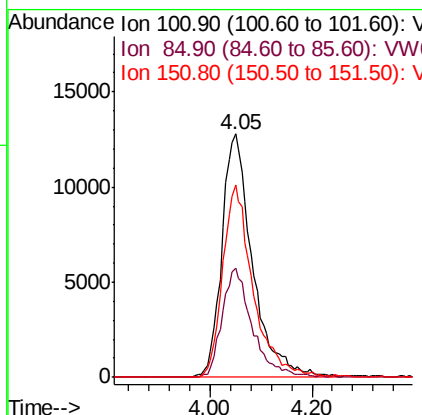
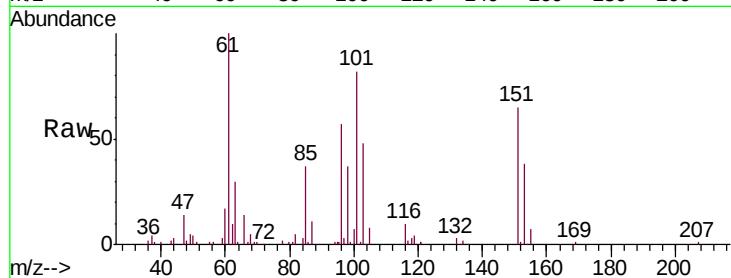
ClientSampleId :

VW0726SBS01

Tot Ion:	101	Resp:	53312
Ion Ratio	Lower	Upper	
101	100		
85	43.8	35.8	53.6
151	78.2	63.6	95.4

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#10

Methyl Iodide

Concen: 22.41 ug/l

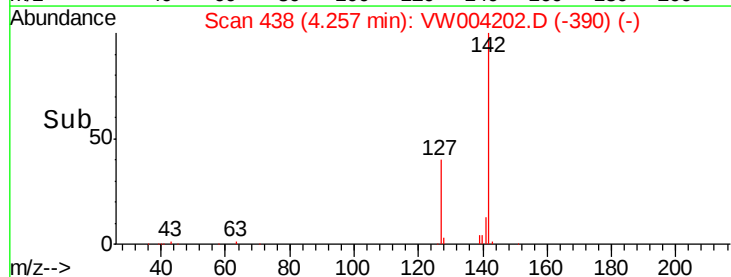
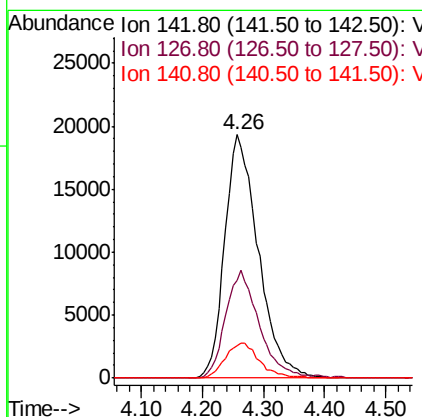
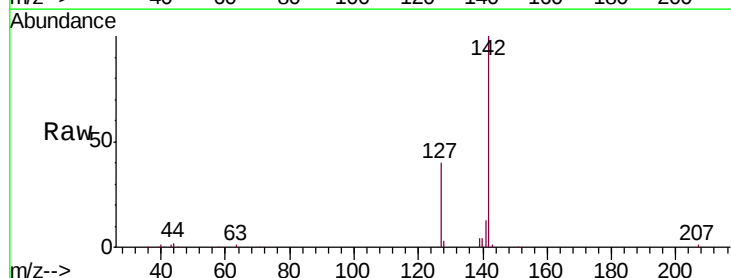
RT: 4.26 min Scan# 438

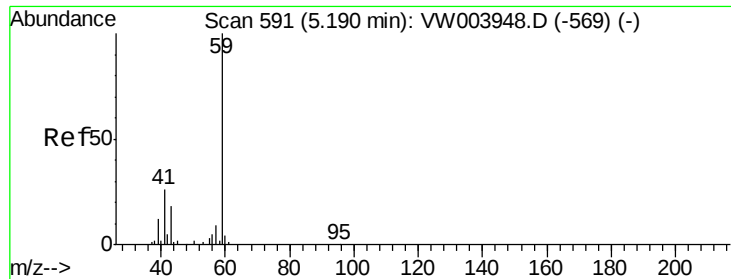
Delta R.T. -0.01 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

Tgt Ion:	142	Resp:	73285
Ion Ratio	Lower	Upper	
142	100		
127	44.1	35.4	53.2
141	14.6	11.7	17.5





#11

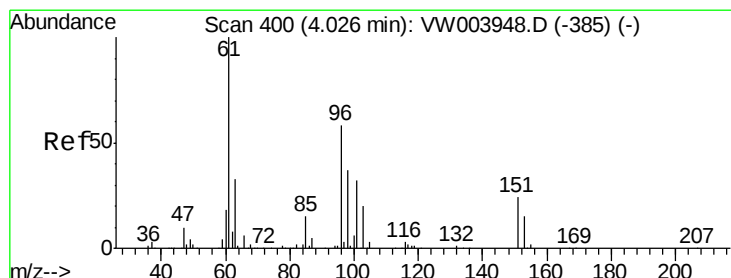
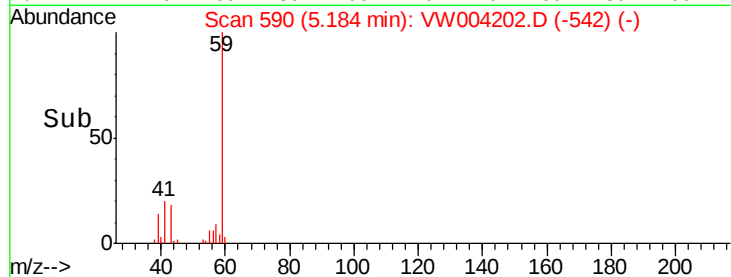
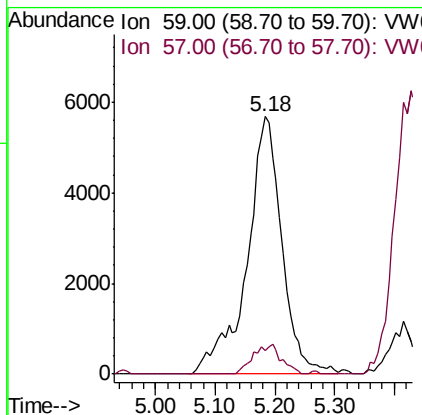
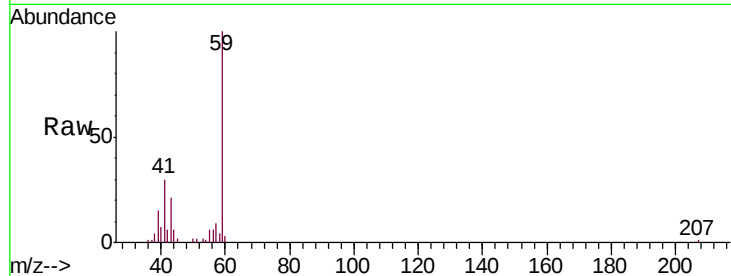
Tert butyl alcohol
 Concen: 129.78 ug/l
 RT: 5.18 min Scan# 590
 Delta R.T. -0.01 min
 Lab File: VW004202.D
 Acq: 25 Jul 2018 19:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0726SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.3	8.5	12.7

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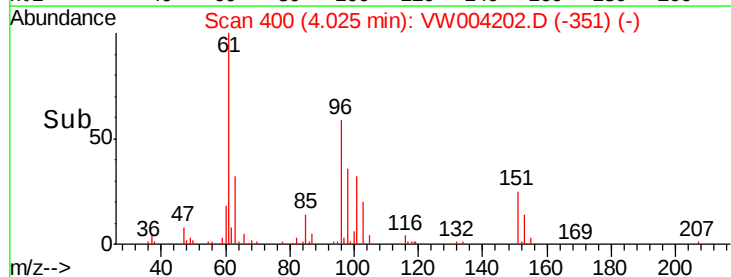
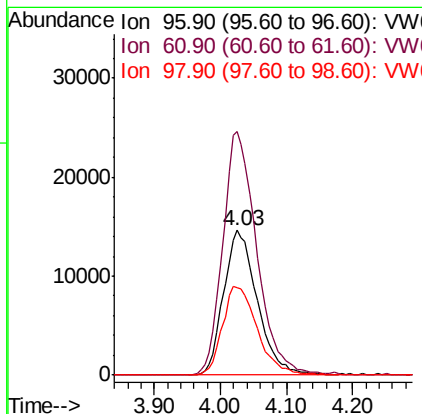
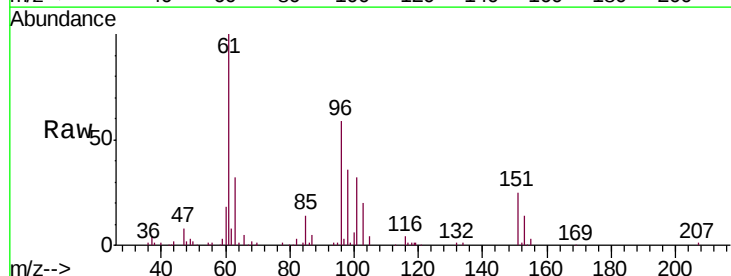
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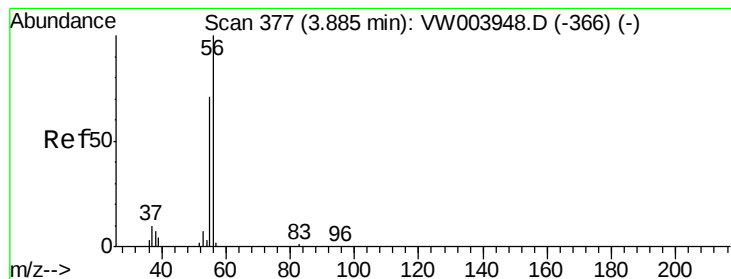


#12

1,1-Dichloroethene
 Concen: 23.00 ug/l
 RT: 4.03 min Scan# 400
 Delta R.T. -0.00 min
 Lab File: VW004202.D
 Acq: 25 Jul 2018 19:53

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.1	137.0	205.6
98	60.6	50.2	75.4





#13

Acrolein

Concen: 104.10 ug/l

RT: 3.89 min Scan# 377

Delta R.T. -0.00 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

Instrument :

MSVOA_W

ClientSampleId :

VW0726SBS01

Tot Ion: 56 Resp: 19081

Ion Ratio Lower Upper

56 100

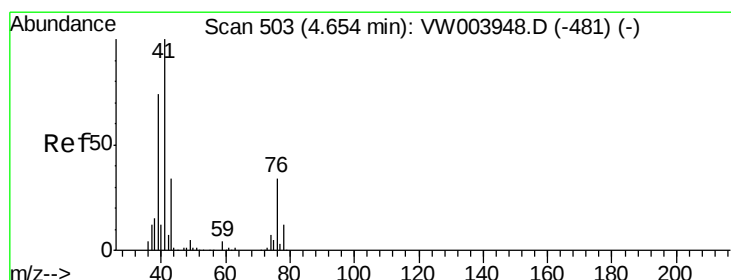
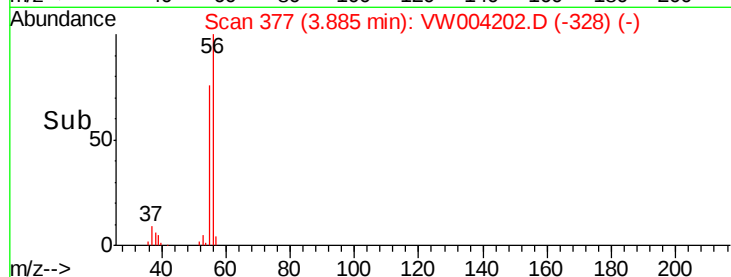
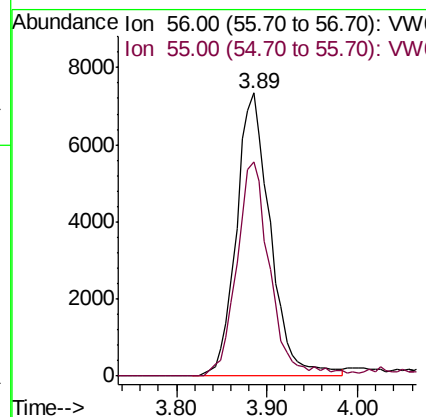
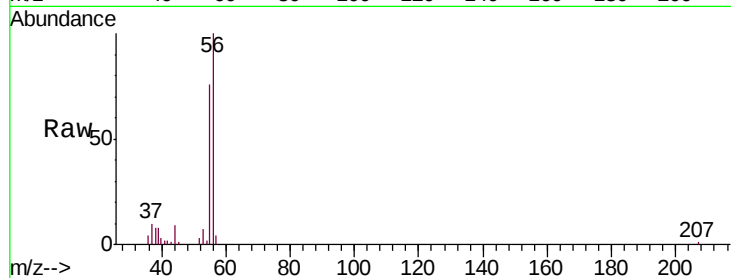
55 71.8 58.2 87.4

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#14

Allyl chloride

Concen: 22.25 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

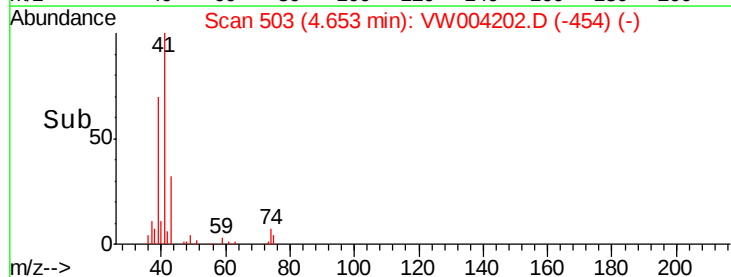
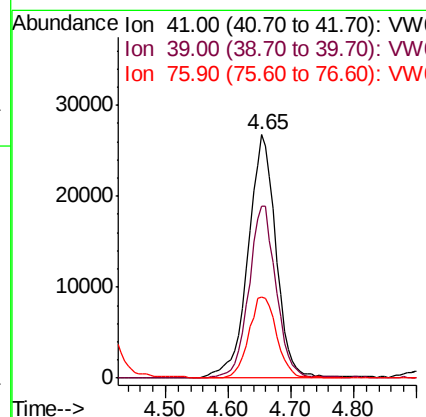
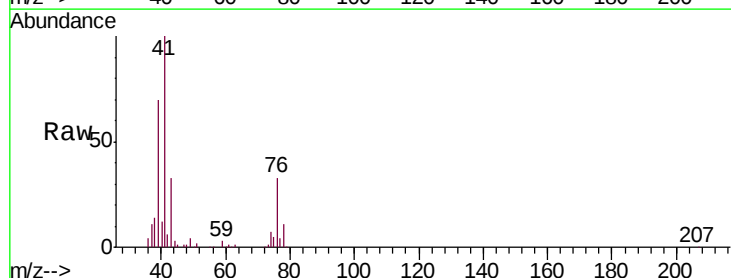
Tgt Ion: 41 Resp: 82516

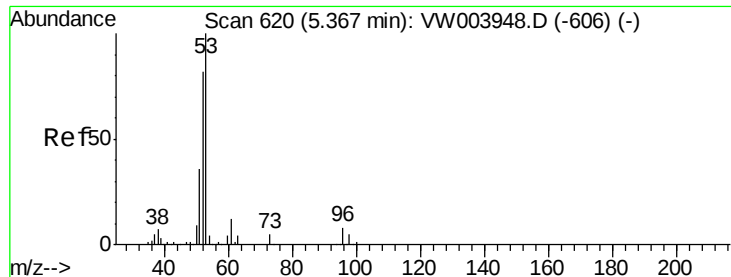
Ion Ratio Lower Upper

41 100

39 69.1 57.0 85.4

76 33.3 26.5 39.7





#15

Acrylonitrile

Concen: 118.81 ug/l

RT: 5.37 min Scan# 620

Delta R.T. -0.00 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

Instrument :

MSVOA_W

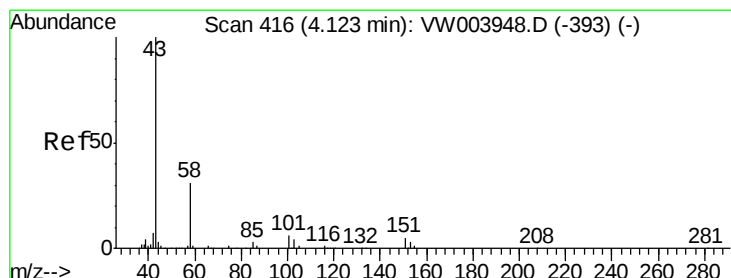
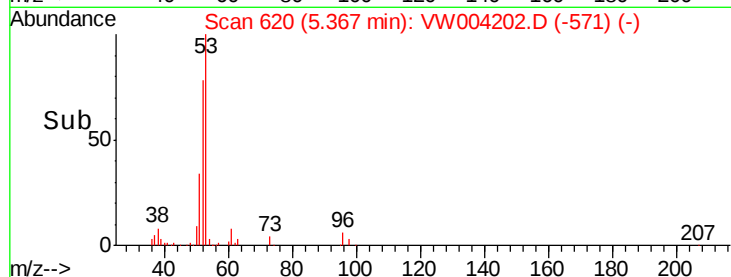
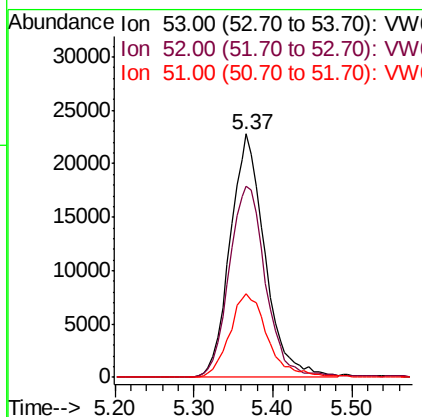
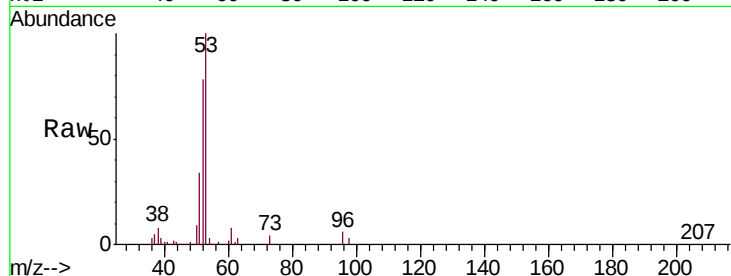
ClientSampleId :

VW0726SBS01

Tot Ion:	53	Resp:	69731
Ion Ratio	Lower	Upper	
53	100		
52	82.9	66.1	99.1
51	37.6	29.8	44.6

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#16

Acetone

Concen: 103.67 ug/l

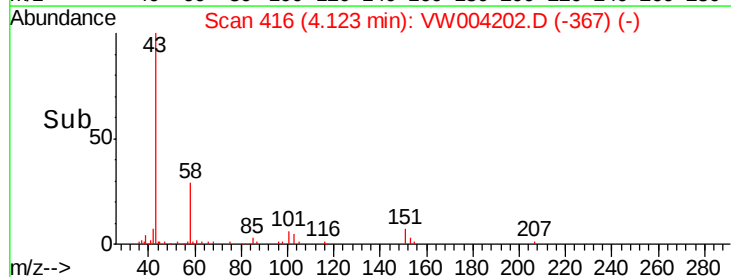
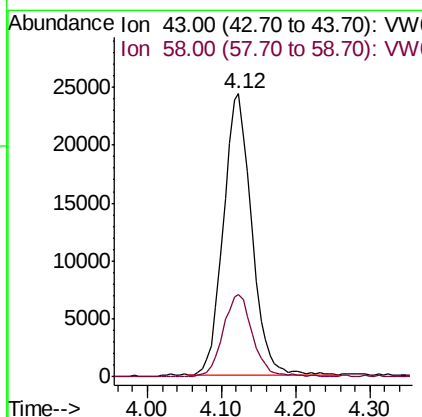
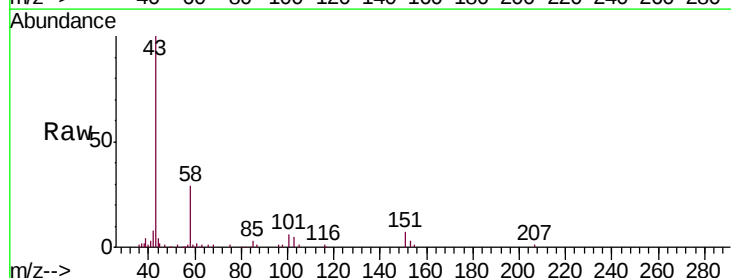
RT: 4.12 min Scan# 416

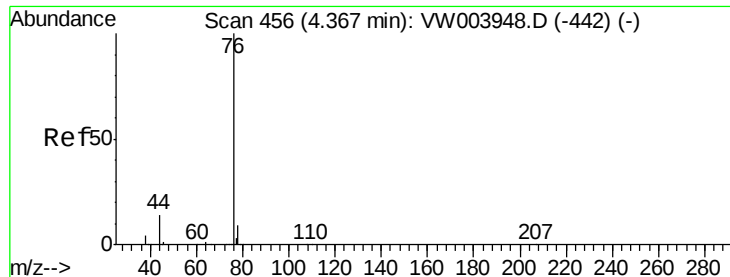
Delta R.T. -0.00 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

Tgt Ion:	43	Resp:	64375
Ion Ratio	Lower	Upper	
43	100		
58	28.9	24.5	36.7





#17

Carbon Disulfide

Concen: 22.86 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

Instrument :

MSVOA_W

ClientSampleId :

VW0726SBS01

Tot Ion: 76 Resp: 160320

Ion Ratio Lower Upper

76 100

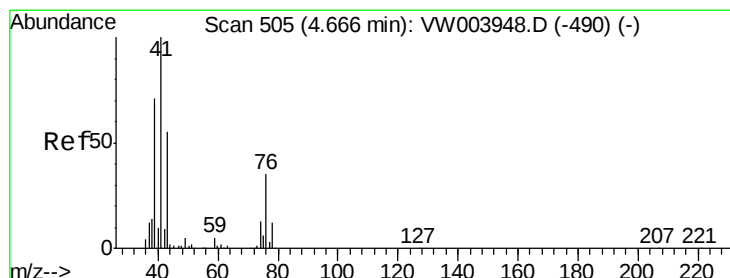
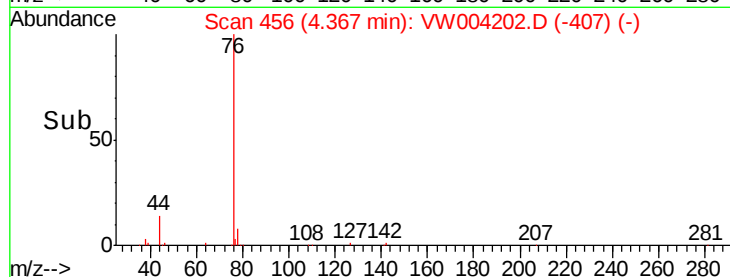
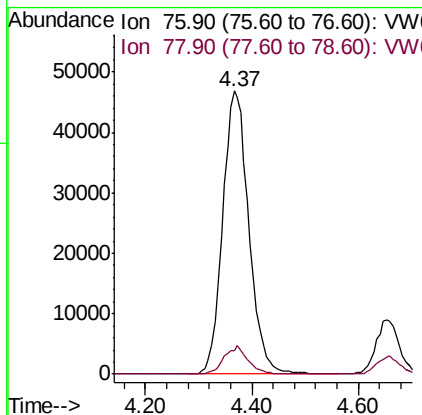
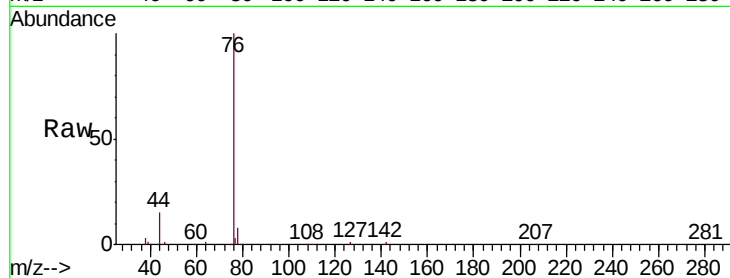
78 8.3 7.1 10.7

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#18

Methyl Acetate

Concen: 23.22 ug/l

RT: 4.67 min Scan# 506

Delta R.T. 0.01 min

Lab File: VW004202.D

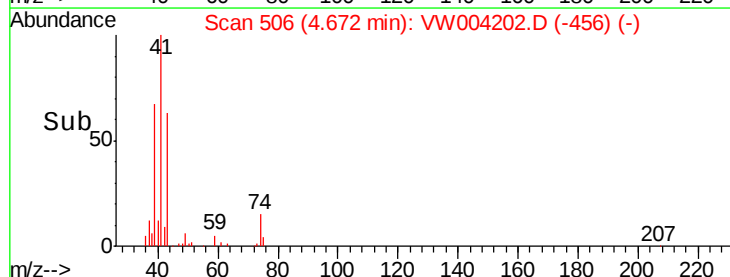
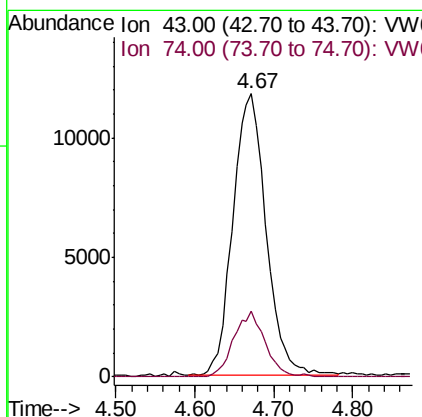
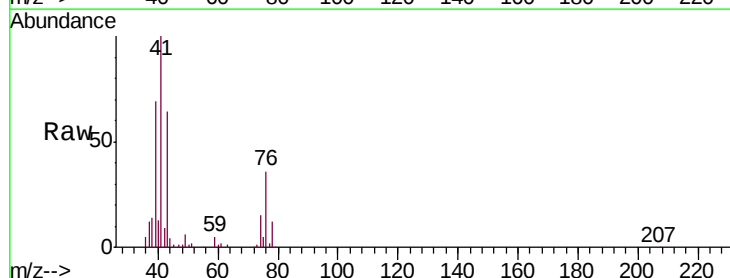
Acq: 25 Jul 2018 19:53

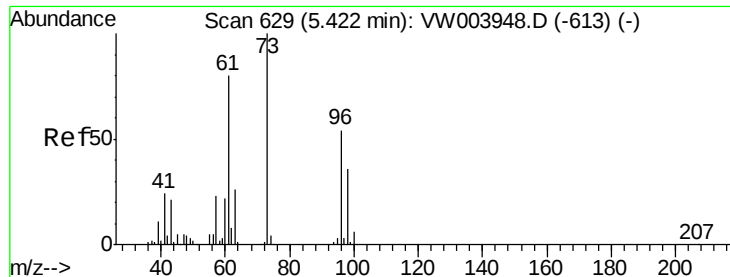
Tgt Ion: 43 Resp: 34613

Ion Ratio Lower Upper

43 100

74 21.6 17.7 26.5





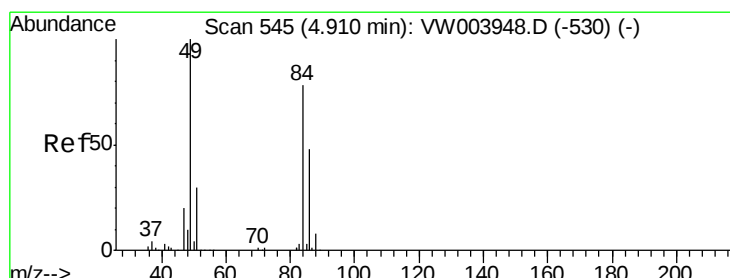
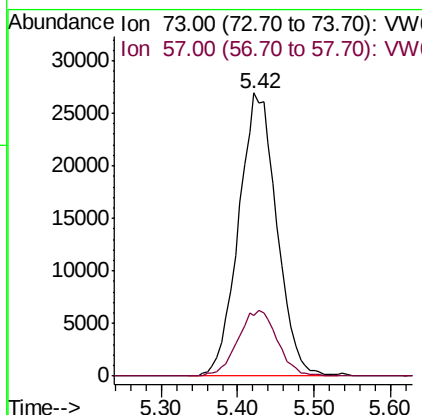
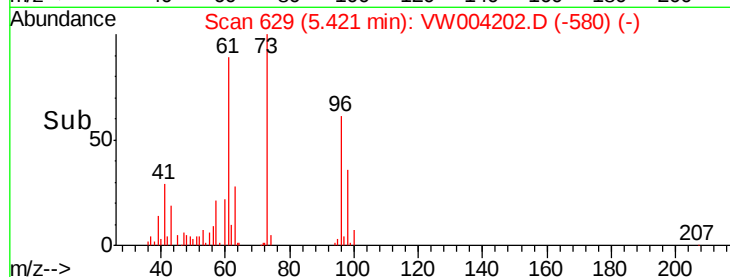
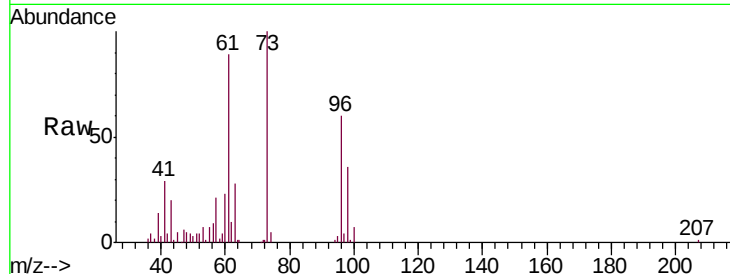
#19
Methyl tert-butyl Ether
Concen: 21.66 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

Tot Ion: 73 Resp: 93281
Ion Ratio Lower Upper
73 100
57 21.4 18.2 27.4

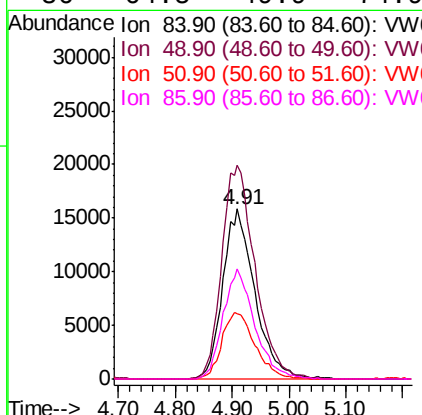
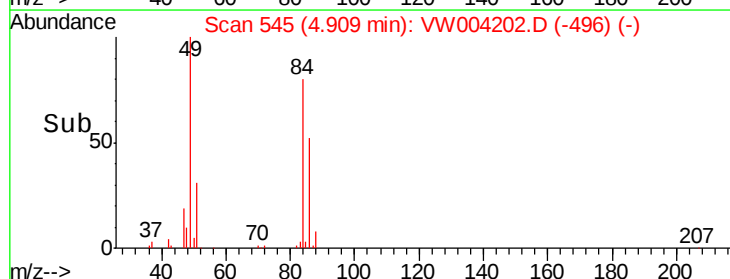
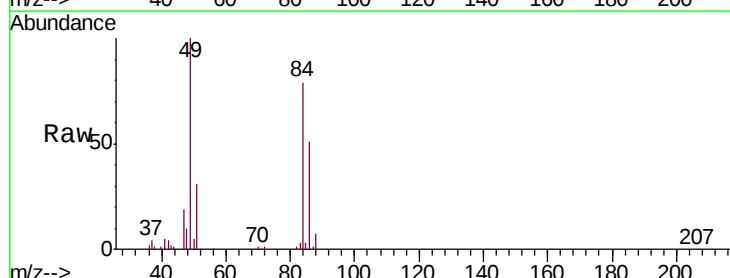
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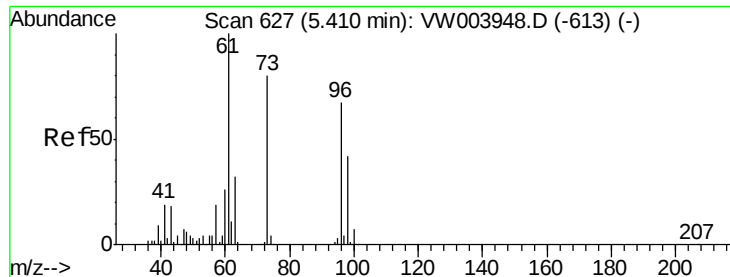
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#20
Methylene Chloride
Concen: 17.57 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Tgt Ion: 84 Resp: 62151
Ion Ratio Lower Upper
84 100
49 125.8 102.9 154.3
51 38.6 30.9 46.3
86 64.5 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 22.70 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.01 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

Instrument :

MSVOA_W

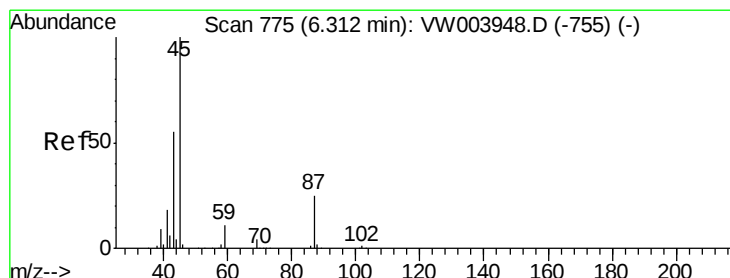
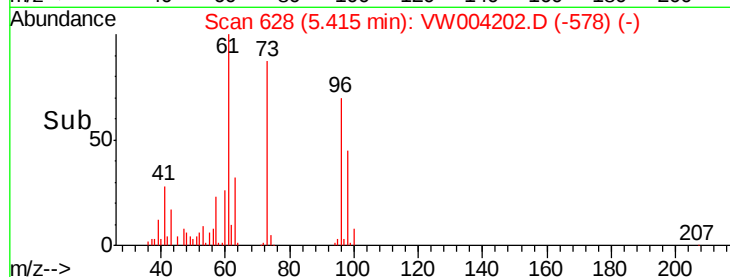
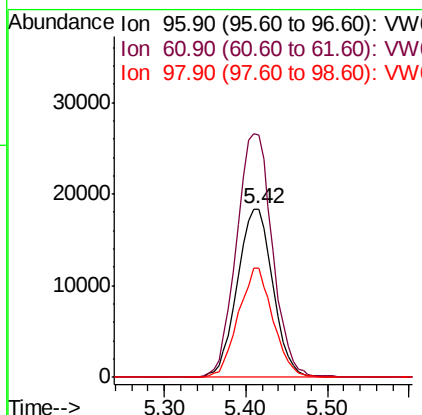
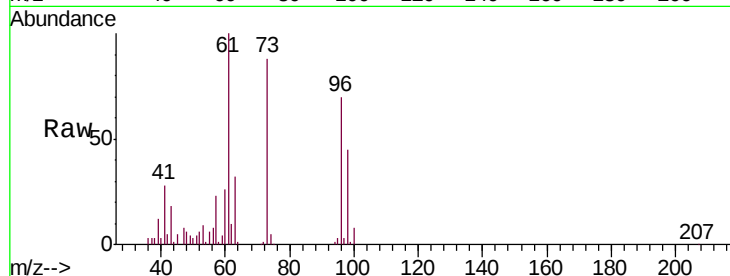
ClientSampleId :

VW0726SBS01

Tot Ion:	96	Resp:	55906
Ion	Ratio	Lower	Upper
96	100		
61	143.9	119.0	178.4
98	65.1	49.9	74.9

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#22

Diisopropyl ether

Concen: 24.14 ug/l

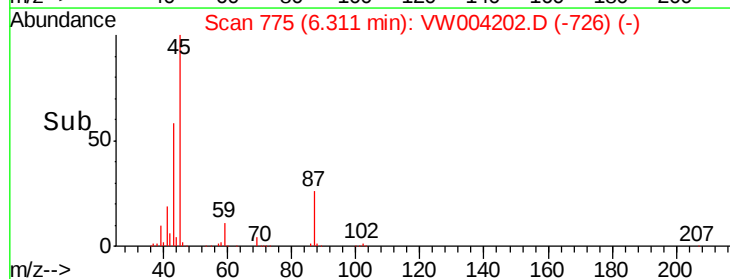
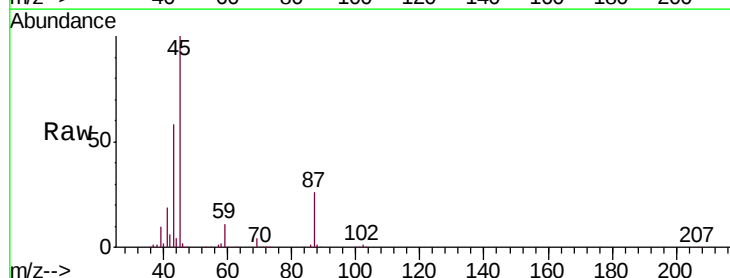
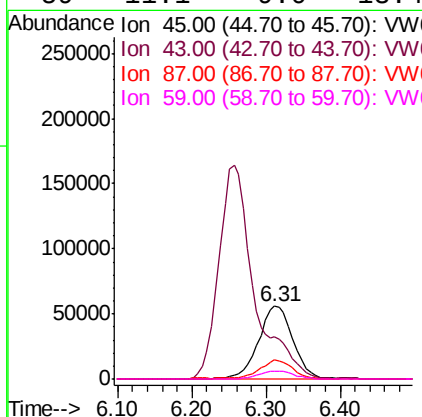
RT: 6.31 min Scan# 775

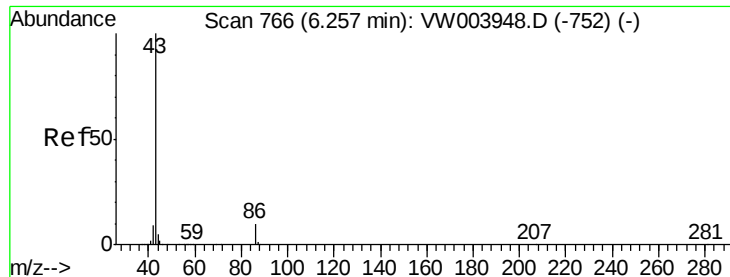
Delta R.T. -0.00 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

Tgt Ion:	45	Resp:	180893
Ion	Ratio	Lower	Upper
45	100		
43	57.4	44.3	66.5
87	25.9	20.2	30.4
59	11.1	9.0	13.4





#23

Vinyl Acetate

Concen: 114.42 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

Instrument :

MSVOA_W

ClientSampleId :

VW0726SBS01

Tot Ion: 43 Resp: 543360

Ion Ratio Lower Upper

43 100

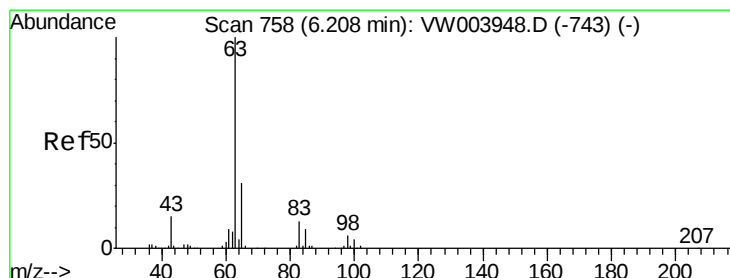
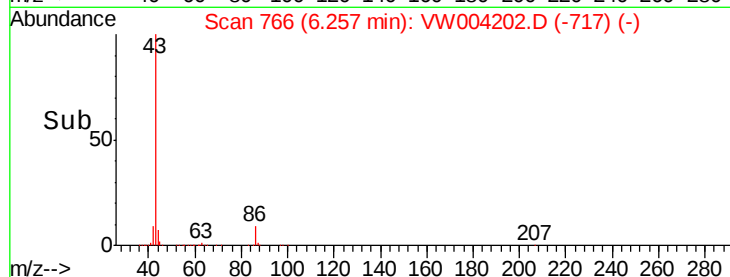
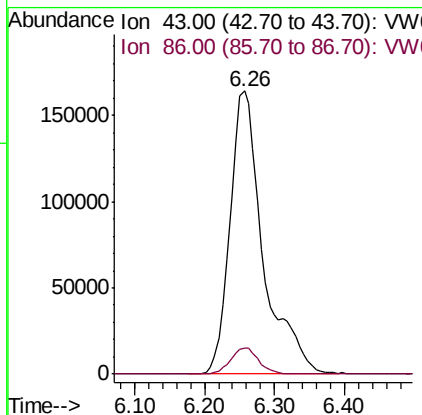
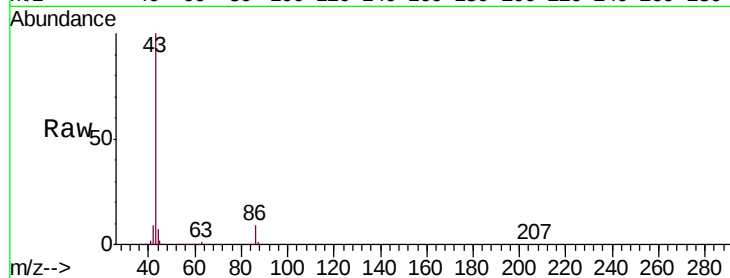
86 9.3 7.6 11.4

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#24

1,1-Dichloroethane

Concen: 23.38 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.00 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

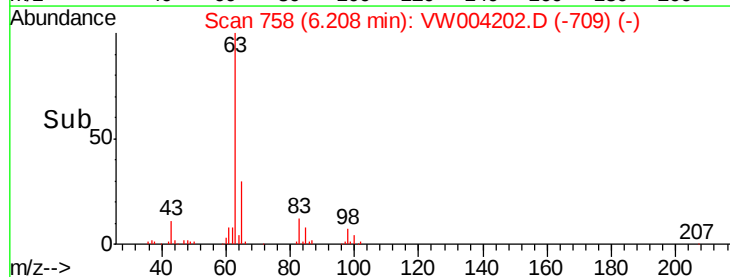
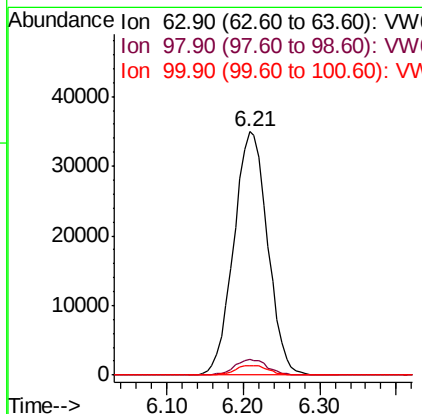
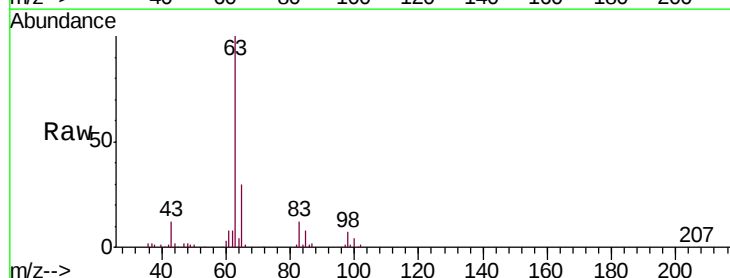
Tgt Ion: 63 Resp: 106915

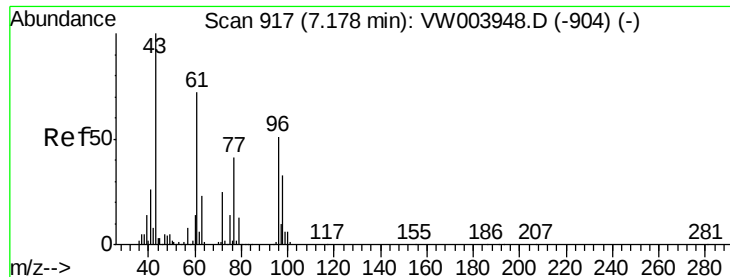
Ion Ratio Lower Upper

63 100

98 6.7 3.1 9.4

100 4.0 2.1 6.5





#25

2-Butanone

Concen: 113.01 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.00 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

Instrument :

MSVOA_W

ClientSampleId :

VW0726SBS01

Tot Ion: 43 Resp: 94438

Ion Ratio Lower Upper

43 100

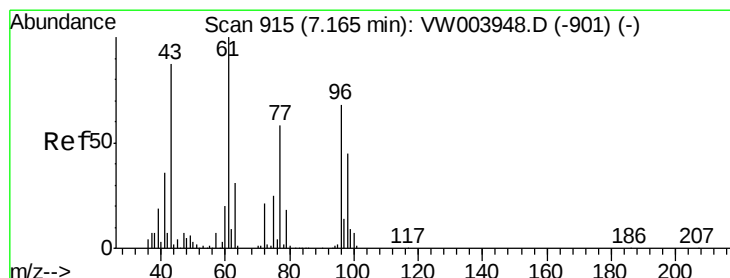
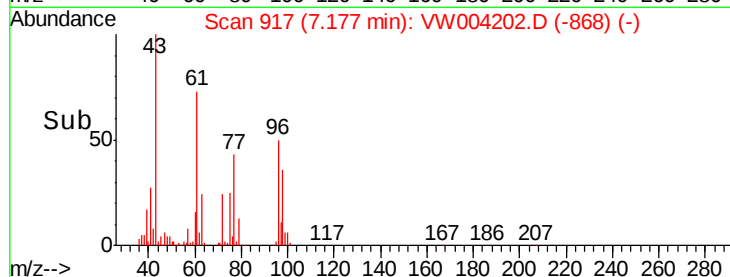
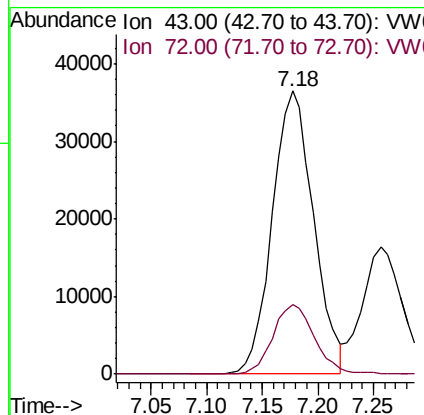
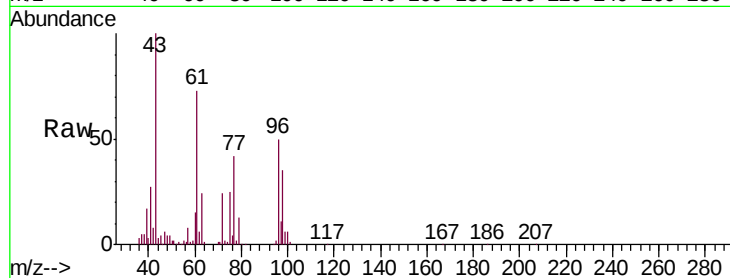
72 24.4 19.8 29.6

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#26

2,2-Dichloropropane

Concen: 21.61 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW004202.D

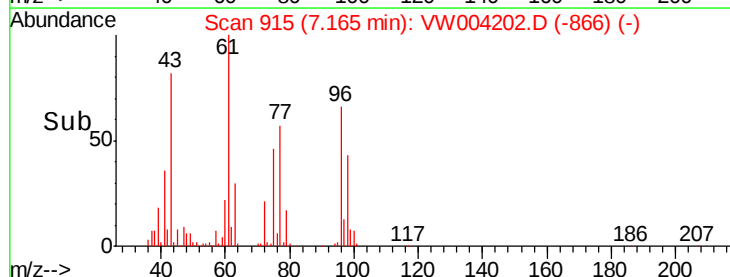
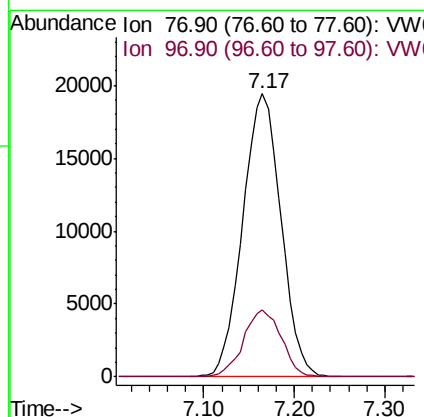
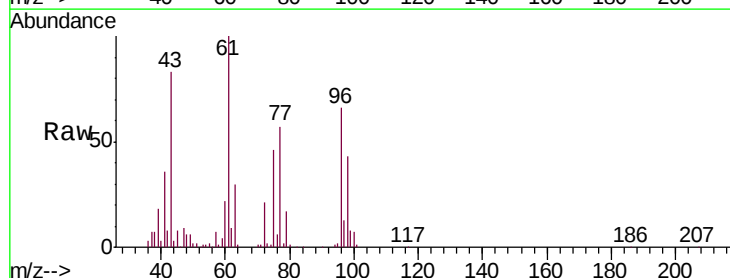
Acq: 25 Jul 2018 19:53

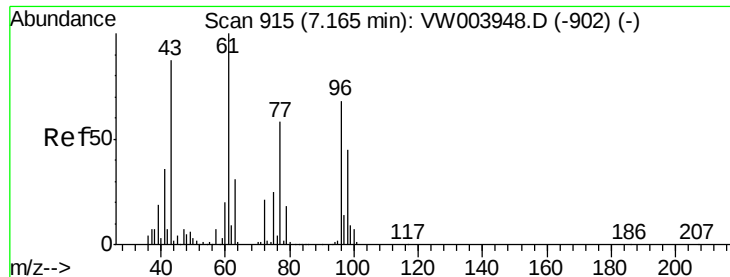
Tgt Ion: 77 Resp: 56730

Ion Ratio Lower Upper

77 100

97 23.3 11.8 35.3





#27

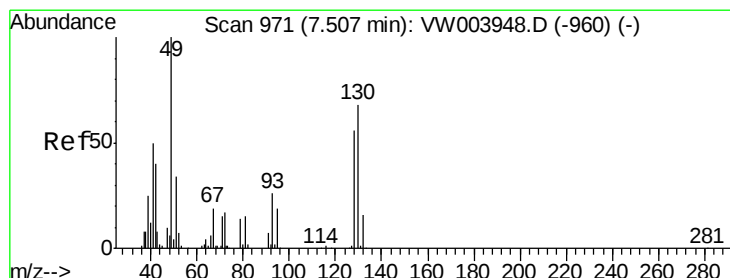
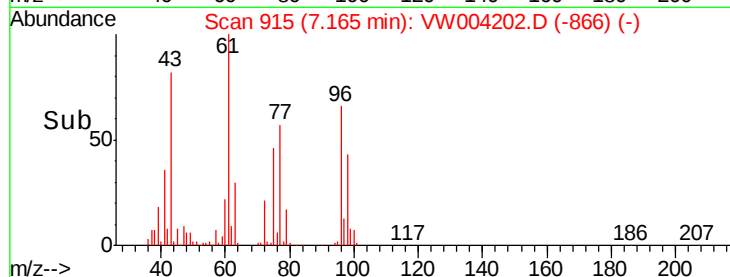
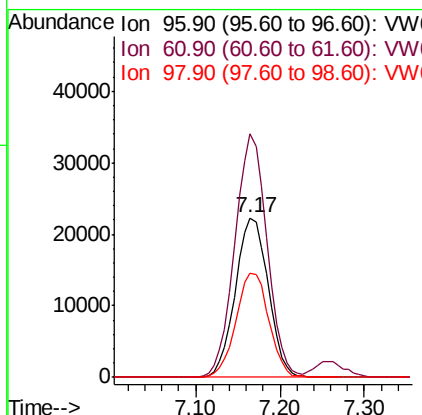
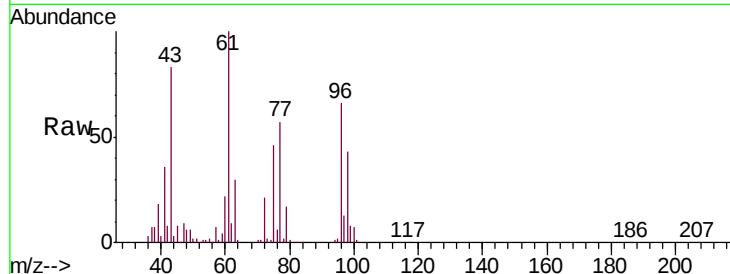
cis-1,2-Dichloroethene
Concen: 22.18 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	59051		
61	148.8		0.0	298.6
98	64.9		0.0	130.4

Manual Integrations
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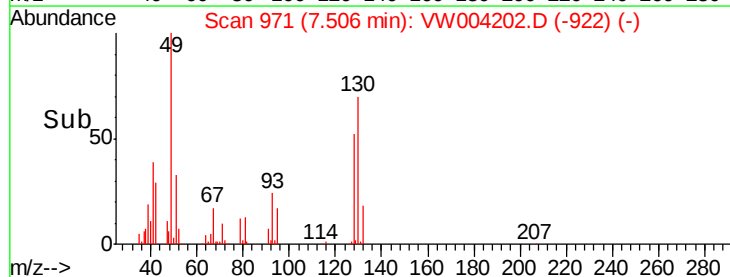
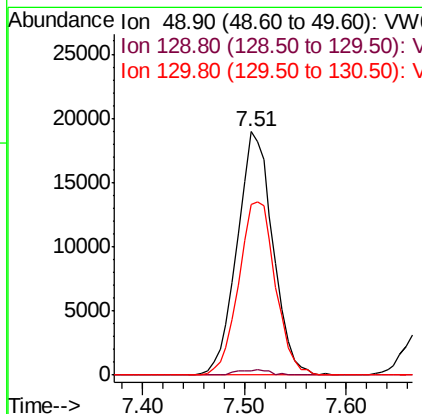
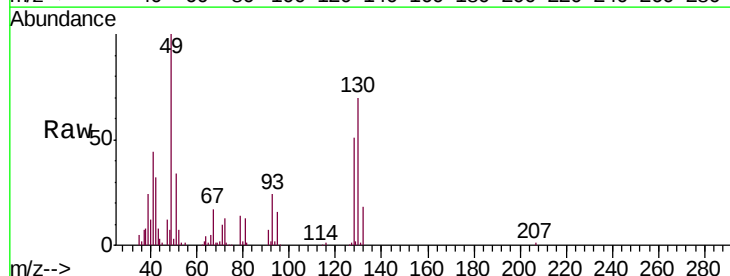
apatel
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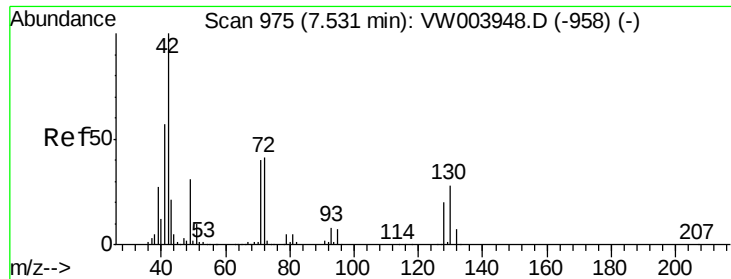


#28

Bromochloromethane
Concen: 24.63 ug/l
RT: 7.51 min Scan# 971
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	46090		
129	2.0		0.0	2.2
130	73.0		58.3	87.5





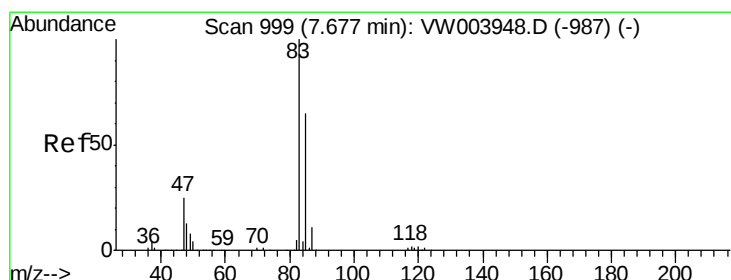
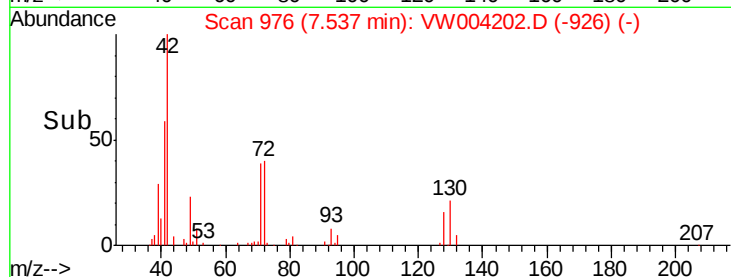
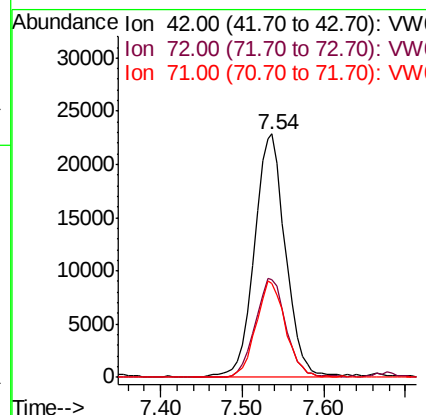
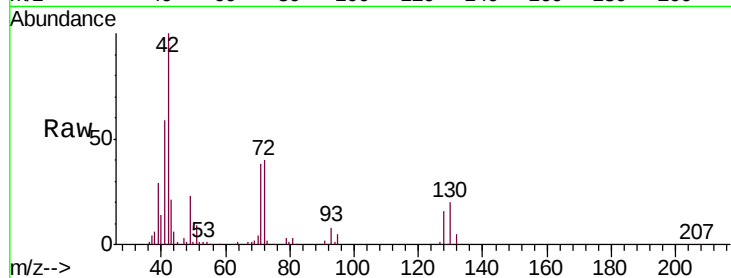
#29
Tetrahydrofuran
Concen: 115.83 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.01 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.5	32.6	48.8
71	38.1	30.5	45.7

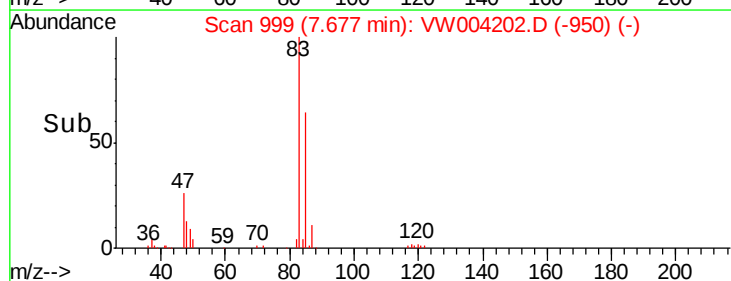
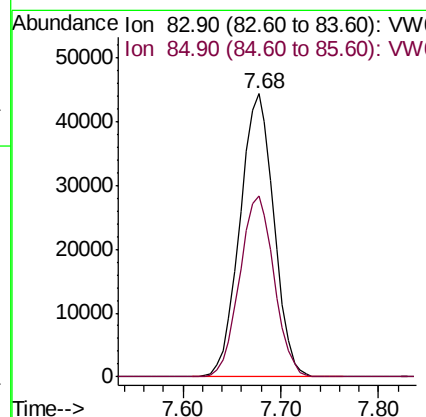
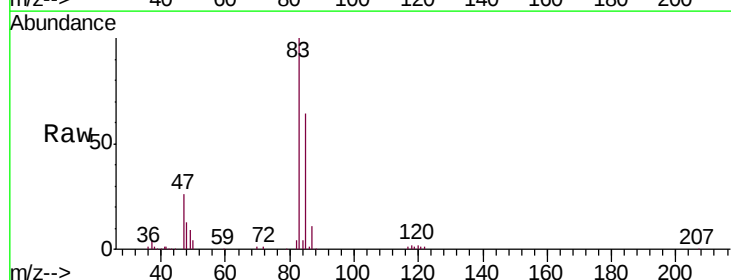
Manual Integrations
APPROVED

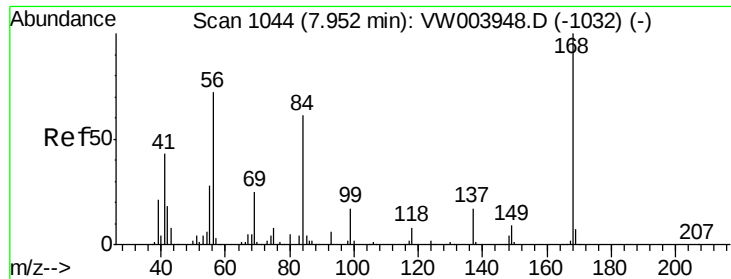
apatel
7/26/2018 12:28:39 PM



#30
Chloroform
Concen: 23.43 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.2	78.4





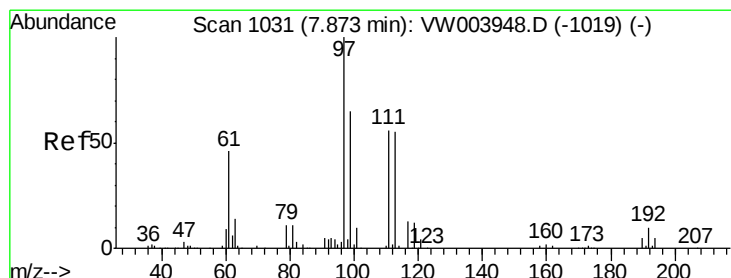
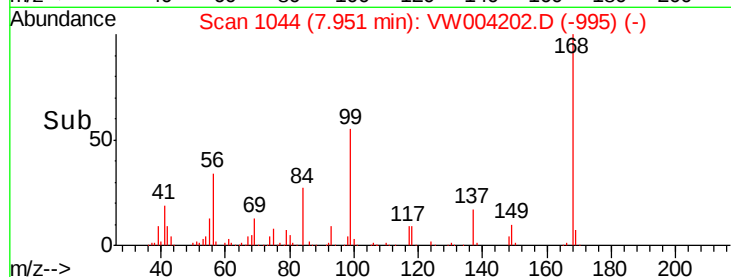
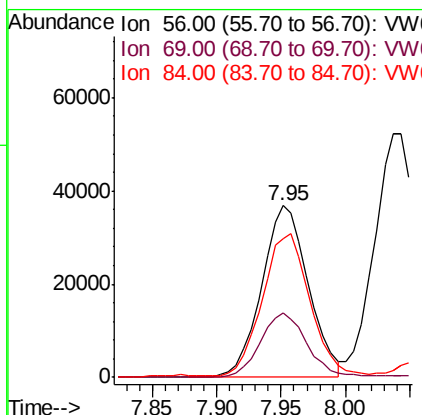
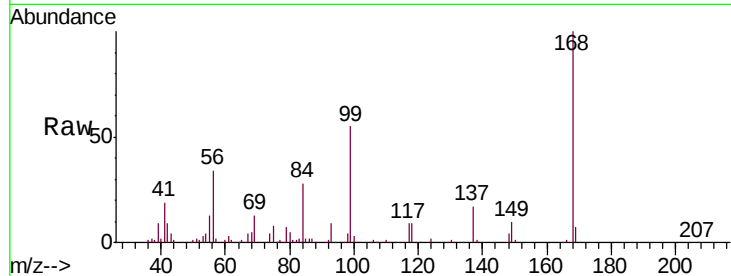
#31
Cyclohexane
Concen: 21.58 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.3	27.8	41.8
84	79.9	67.2	100.8

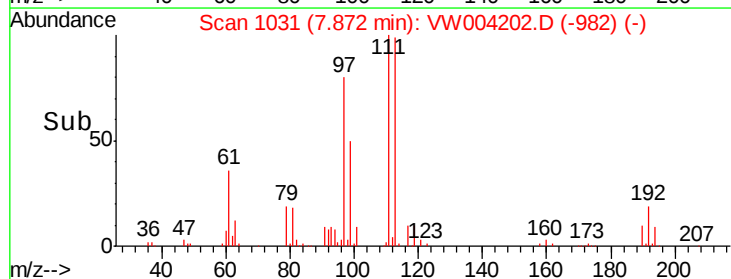
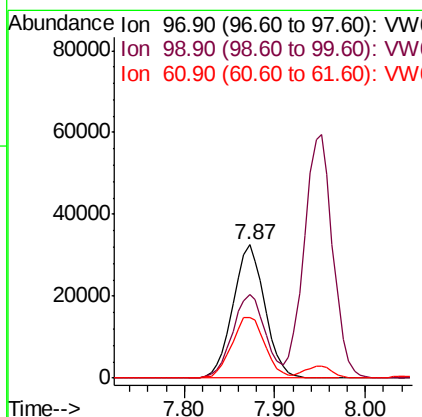
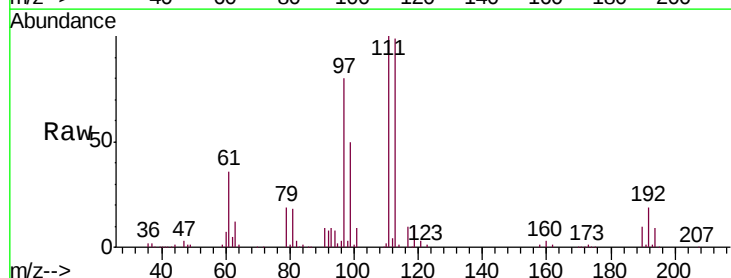
Manual Integrations
APPROVED

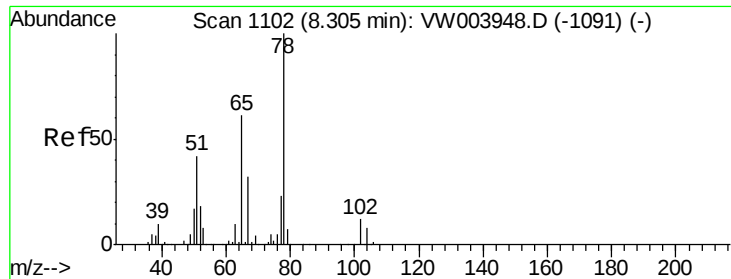
apatel
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#32
1,1,1-Trichloroethane
Concen: 22.29 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.3	76.9
61	47.9	36.8	55.2





#33

1,2-Dichloroethane-d4

Concen: 58.10 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

Instrument :

MSVOA_W

ClientSampleId :

VW0726SBS01

Tot Ion: 65 Resp: 150129

Ion Ratio Lower Upper

65 100

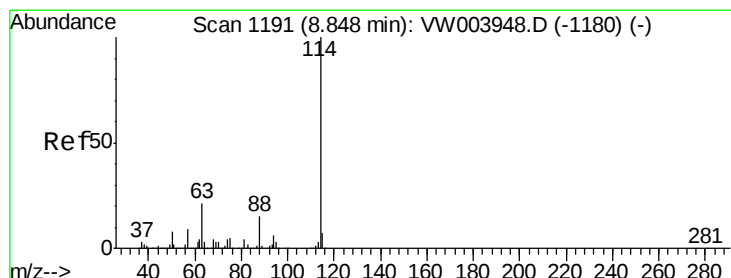
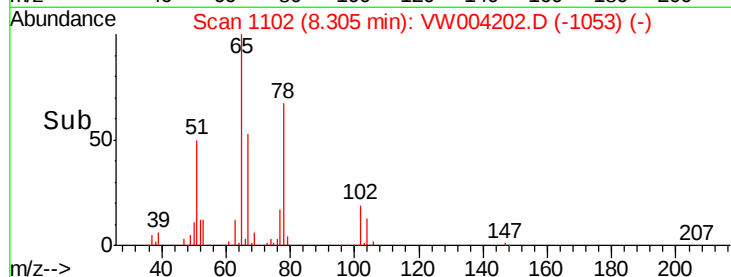
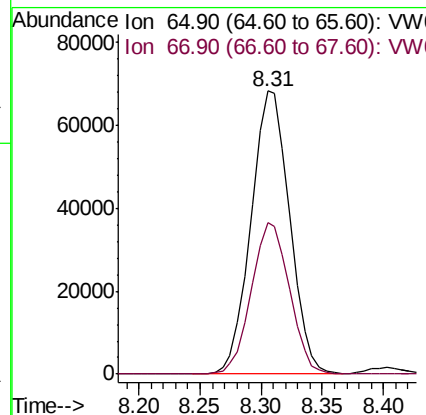
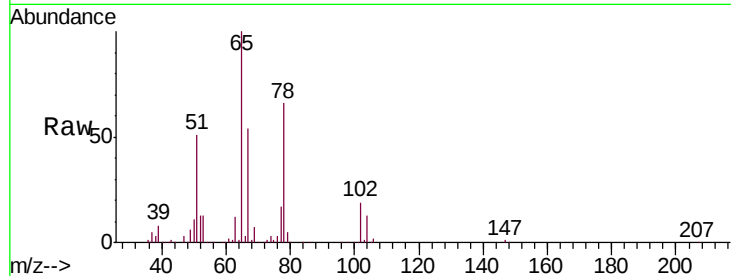
67 52.9 0.0 105.0

Manual Integrations

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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: VW004202.D

Acq: 25 Jul 2018 19:53

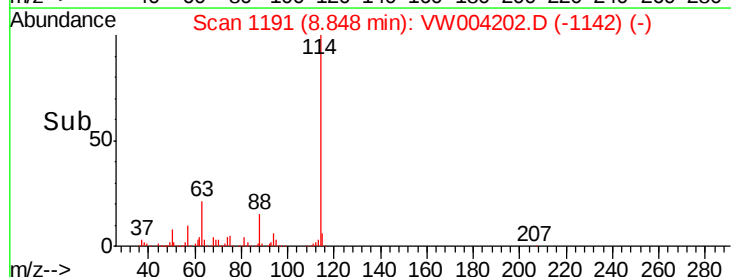
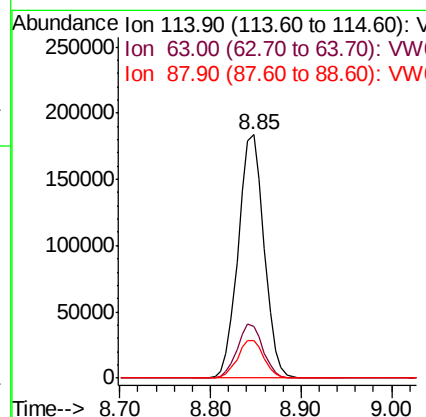
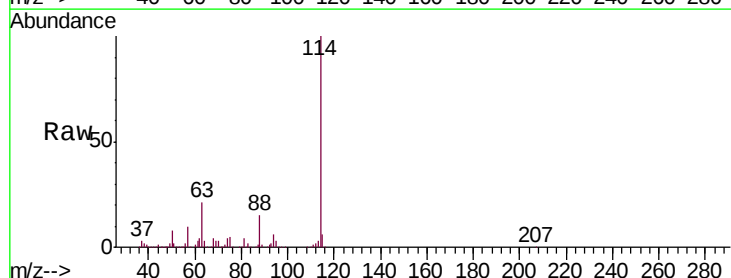
Tgt Ion: 114 Resp: 363106

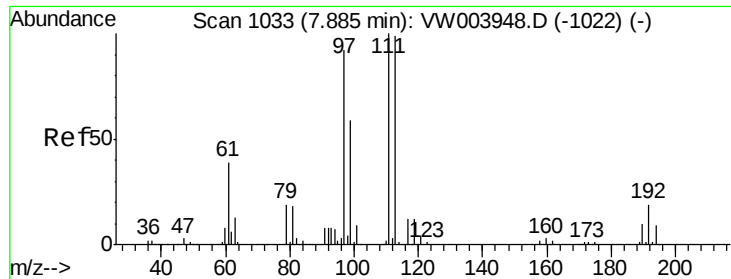
Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.8

88 15.4 0.0 30.4





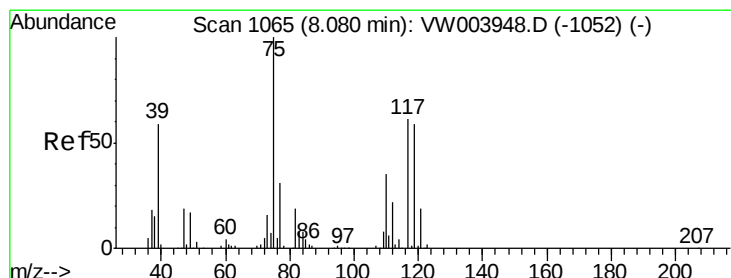
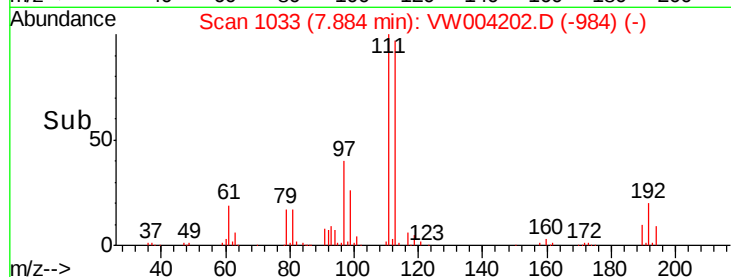
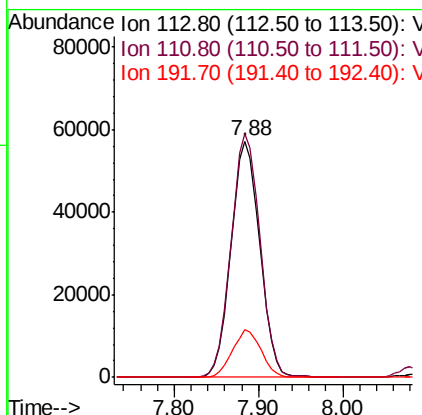
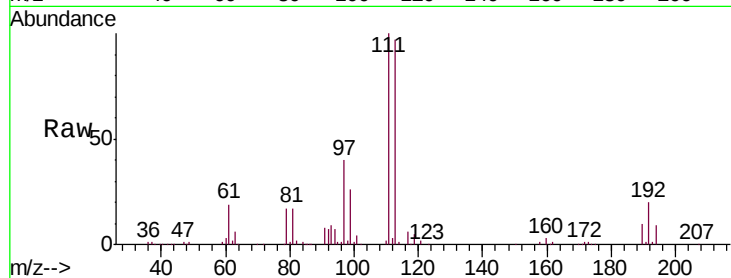
#35
 Dibromofluoromethane
 Concen: 56.57 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004202.D
 Acq: 25 Jul 2018 19:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0726SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	104.1	81.3	121.9	
192	20.0	15.8	23.6	

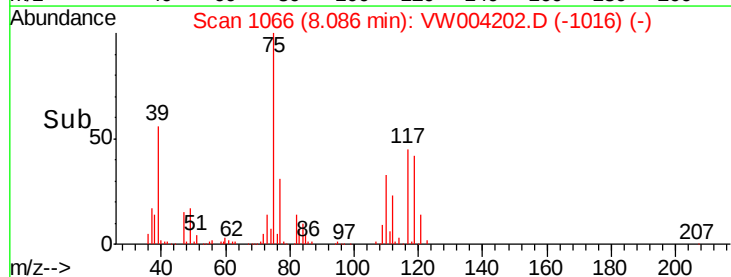
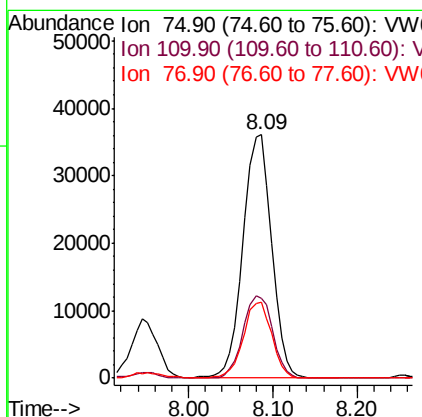
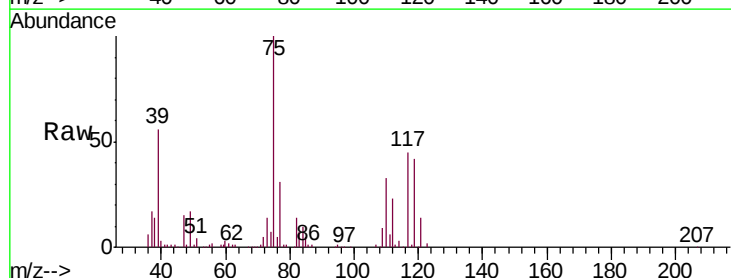
Manual Integrations
 APPROVED

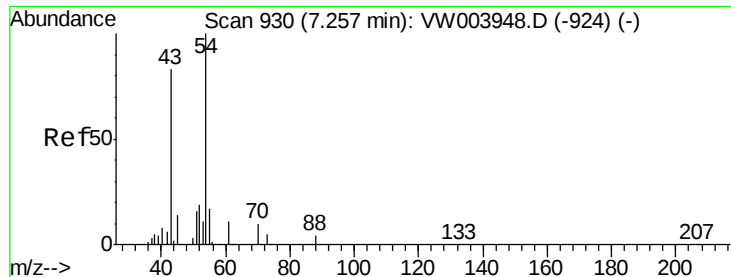
apatel
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#36
 1,1-Dichloropropene
 Concen: 22.26 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VW004202.D
 Acq: 25 Jul 2018 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	34.7	17.0	51.0	
77	31.0	24.9	37.3	





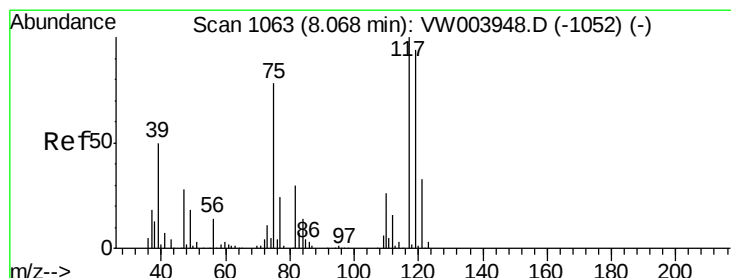
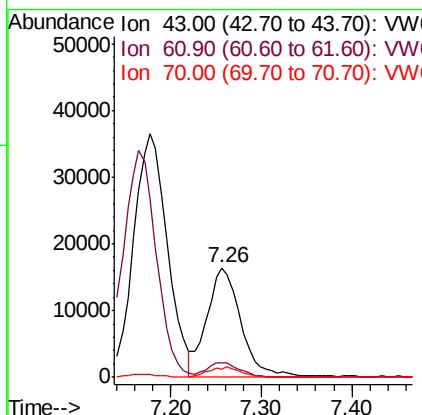
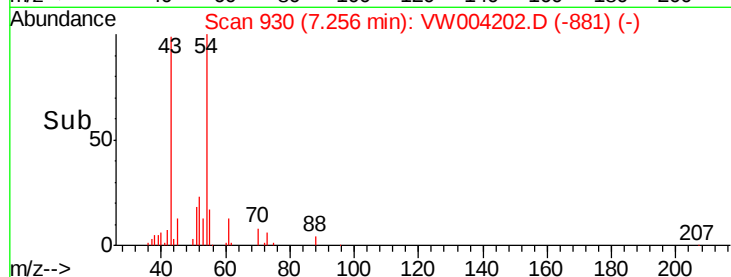
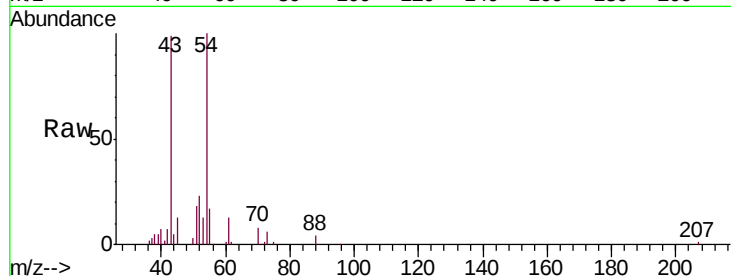
#37
Ethyl Acetate
Concen: 23.78 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.7	16.1
70	9.1	7.7	11.5

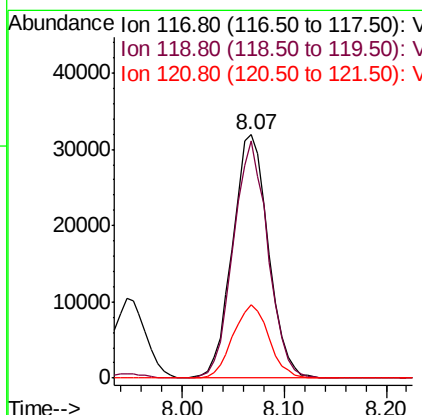
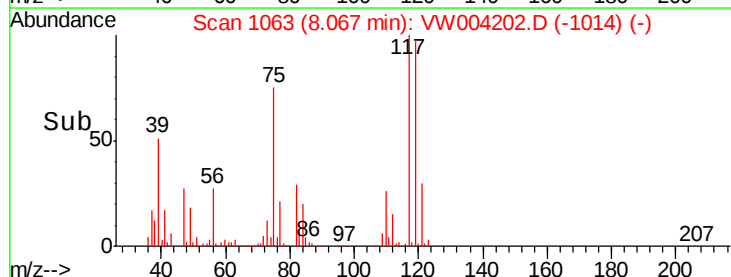
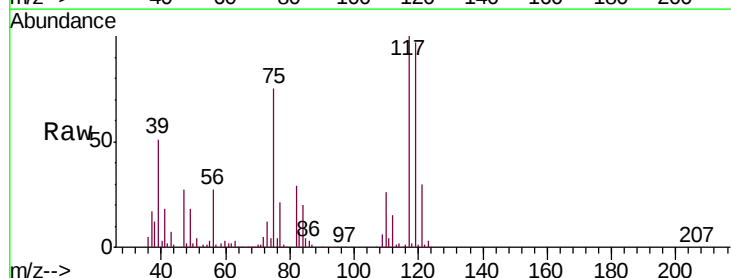
Manual Integrations
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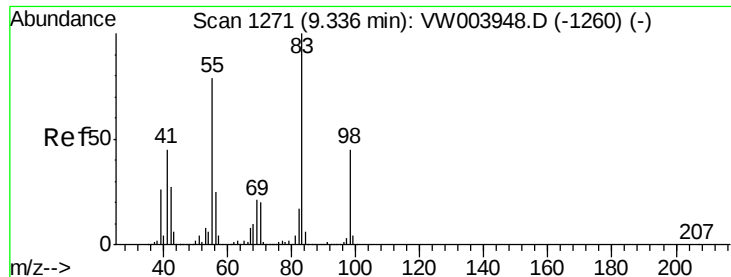
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#38
Carbon Tetrachloride
Concen: 22.33 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	75.3	112.9
121	30.2	26.0	39.0





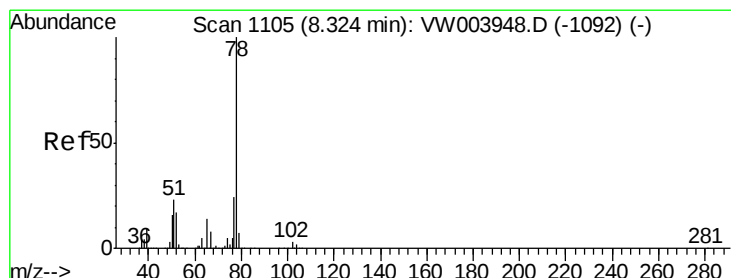
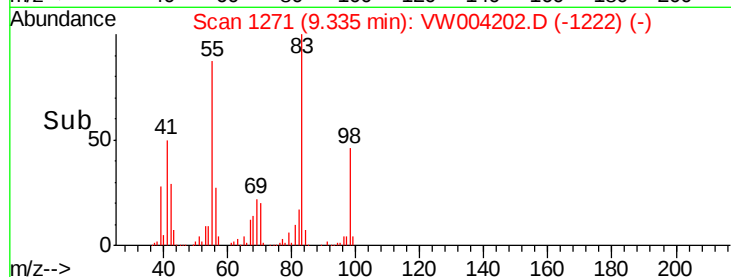
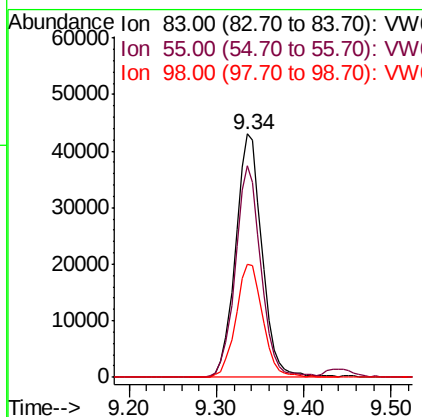
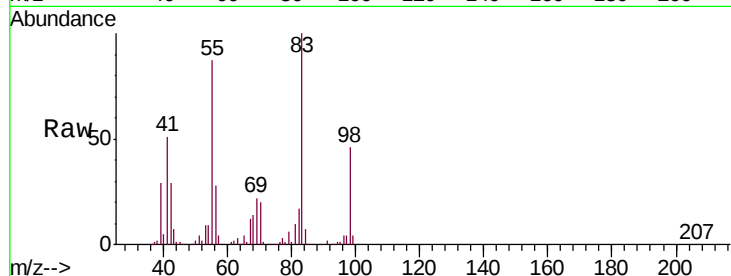
#39
Methvlcvclohexane
Concen: 20.70 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	87.1	62.8	94.2	
98	46.5	36.2	54.4	

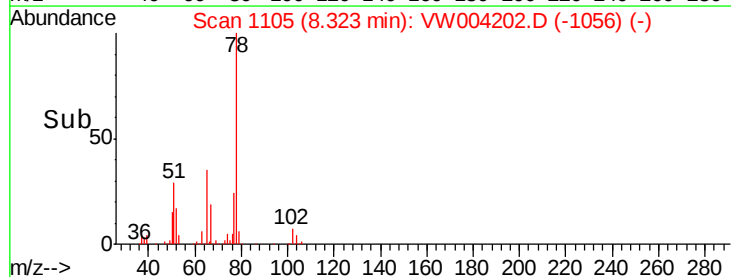
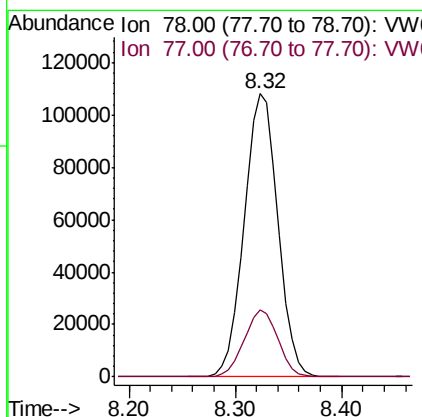
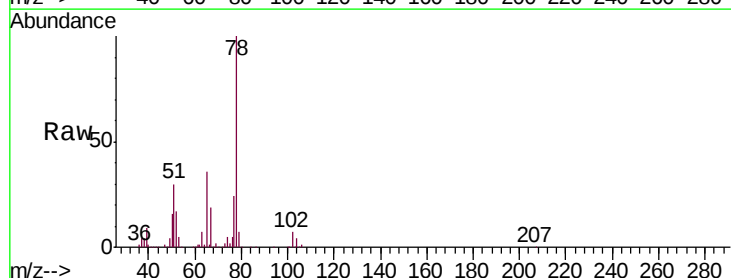
Manual Integrations
APPROVED

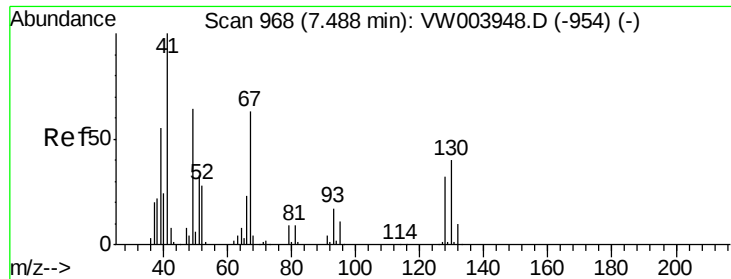
apatel
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#40
Benzene
Concen: 23.15 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.8	19.5	29.3	





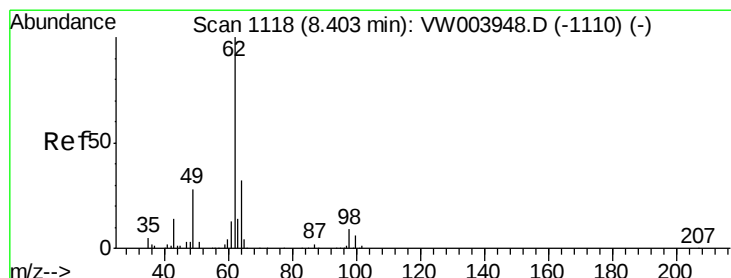
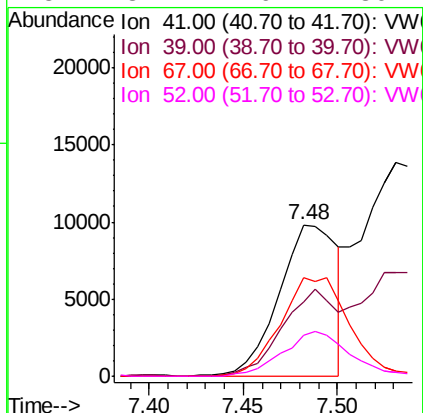
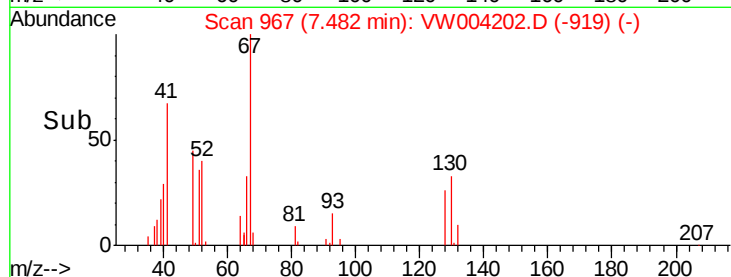
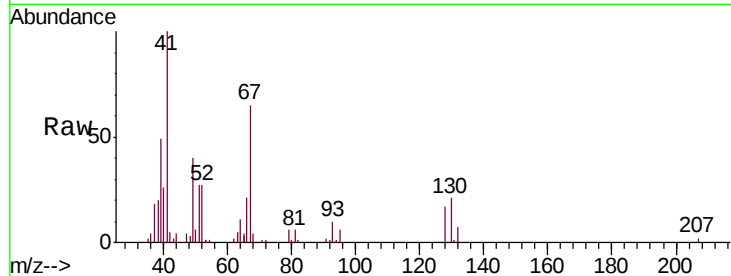
#41
Methacrylonitrile
Concen: 21.09 ug/l
RT: 7.48 min Scan# 967
Delta R.T. -0.01 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.6	50.0	75.0	
67	77.8	60.8	91.2	
52	34.2	26.2	39.4	

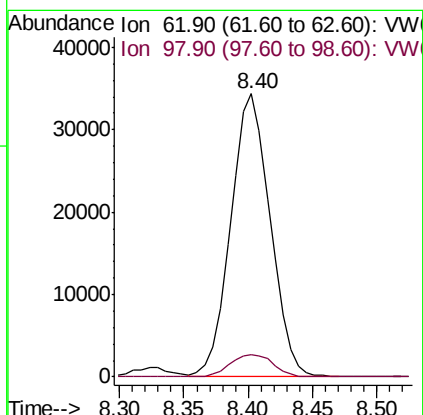
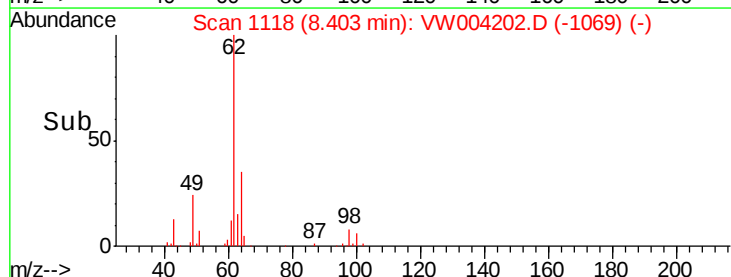
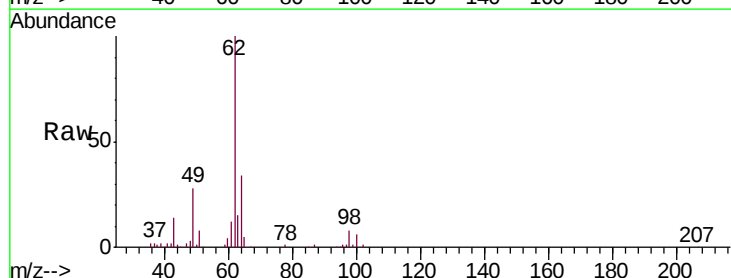
Manual Integrations
APPROVED

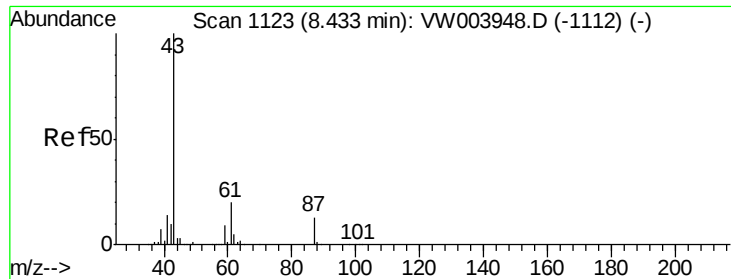
apatel
7/26/2018 12:28:39 PM



#42
1,2-Dichloroethane
Concen: 23.12 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.7	0.0	17.4	





#43

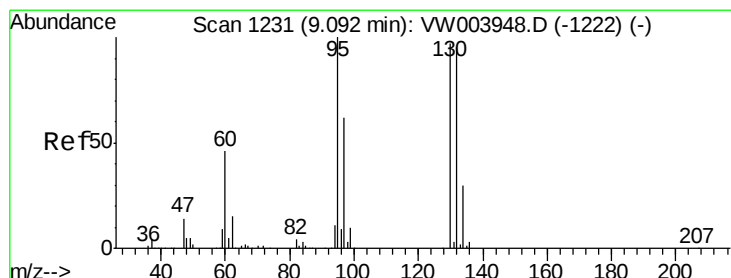
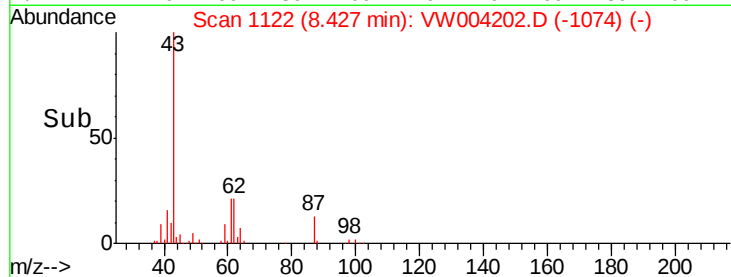
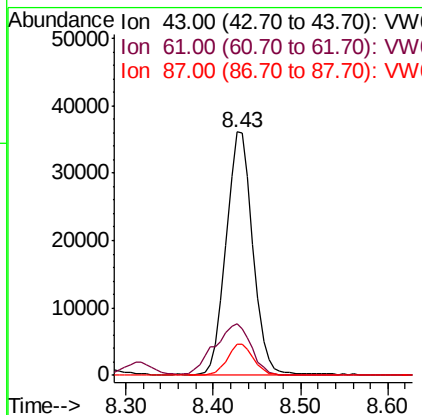
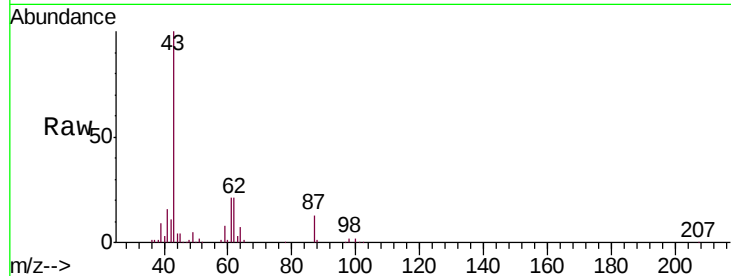
Isopropyl Acetate
 Concen: 22.73 ug/l
 RT: 8.43 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: VW004202.D
 Acq: 25 Jul 2018 19:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0726SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.1	23.0	34.6
87	12.4	9.9	14.9

Manual Integrations
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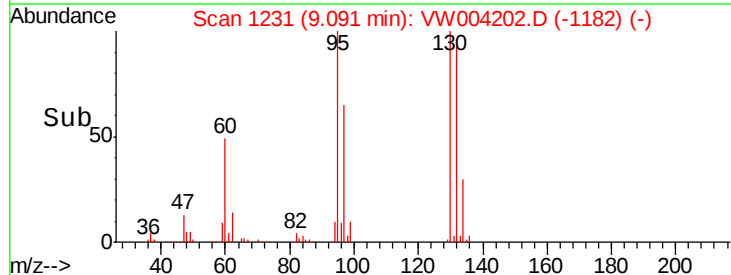
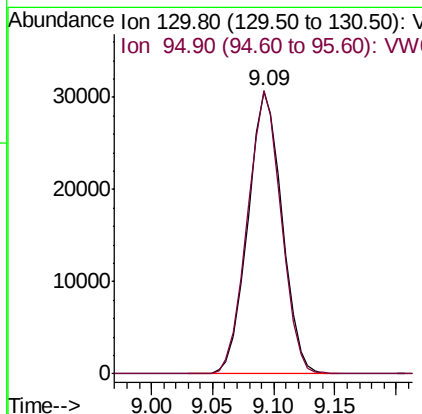
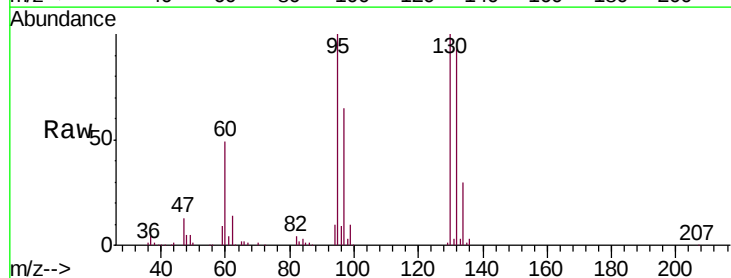
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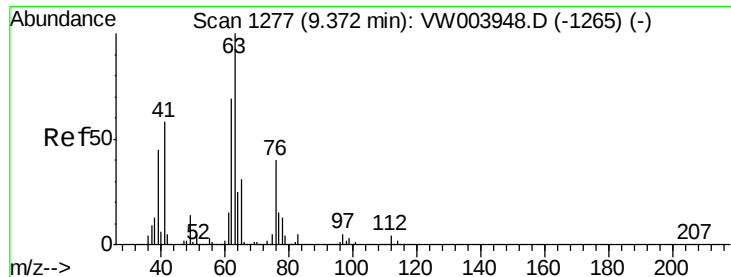


#44

Trichloroethene
 Concen: 22.14 ug/l
 RT: 9.09 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: VW004202.D
 Acq: 25 Jul 2018 19:53

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.2	0.0	206.8





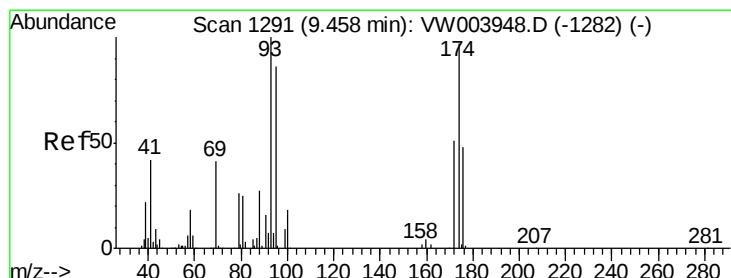
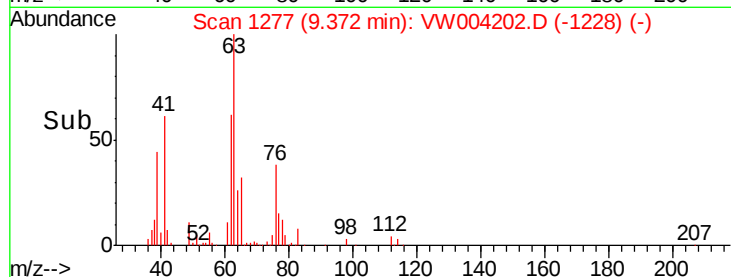
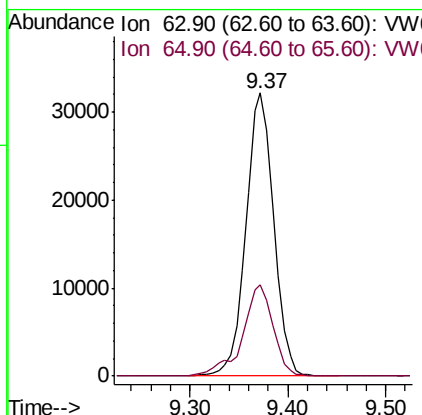
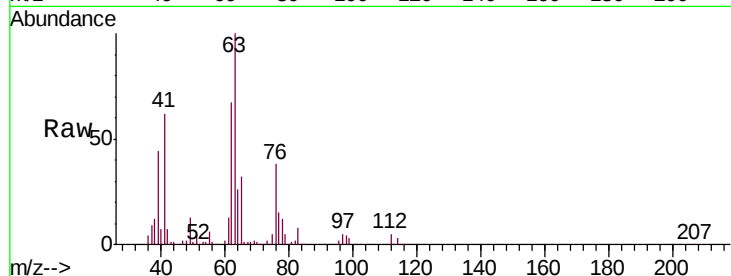
#45
 1,2-Dichloropropane
 Concen: 23.93 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW004202.D
 Acq: 25 Jul 2018 19:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0726SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	24.8	37.2

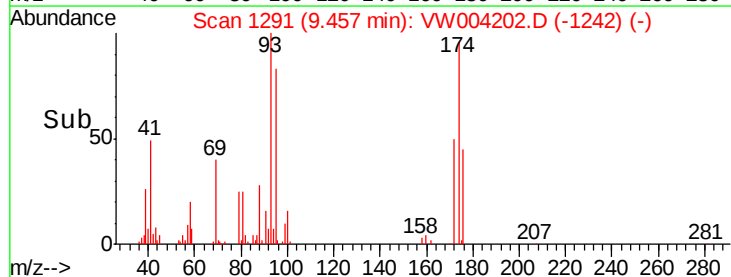
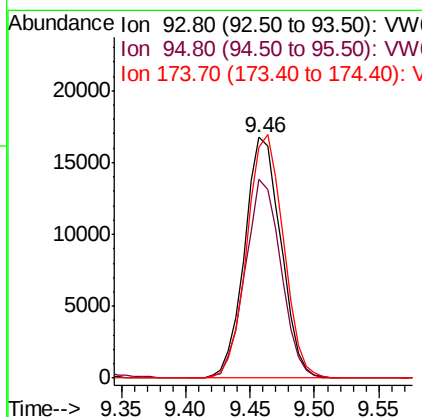
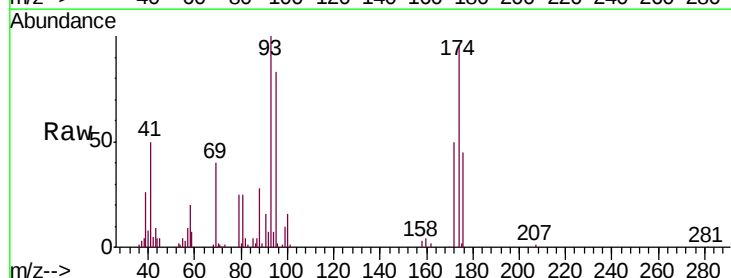
Manual Integrations
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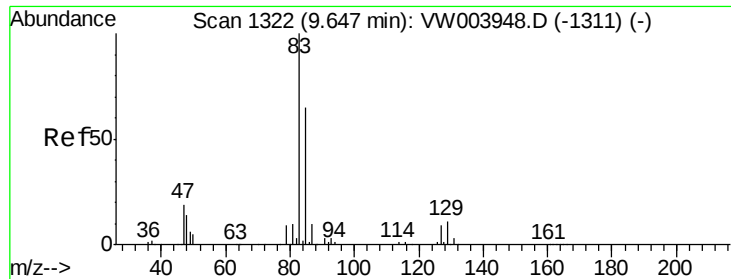
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#46
 Dibromomethane
 Concen: 23.77 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: VW004202.D
 Acq: 25 Jul 2018 19:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.3	66.9	100.3
174	101.3	80.2	120.2





#47

Bromodichloromethane

Concen: 22.98 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

Instrument :

MSVOA_W

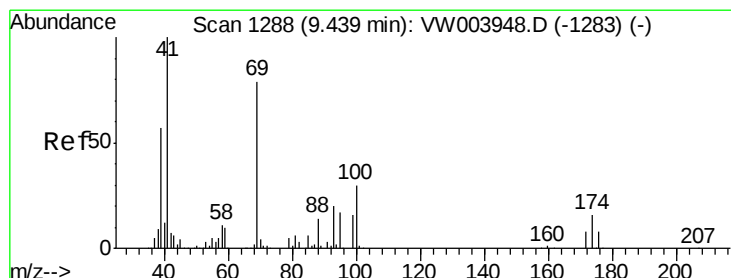
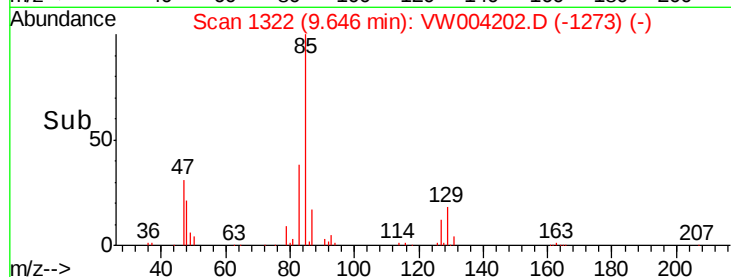
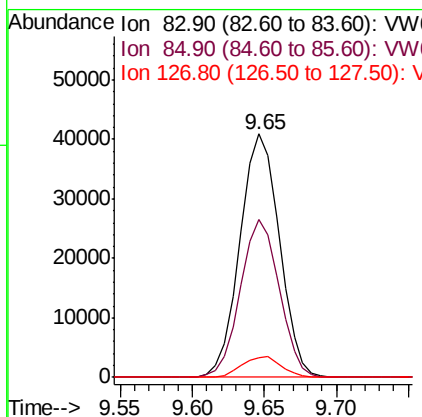
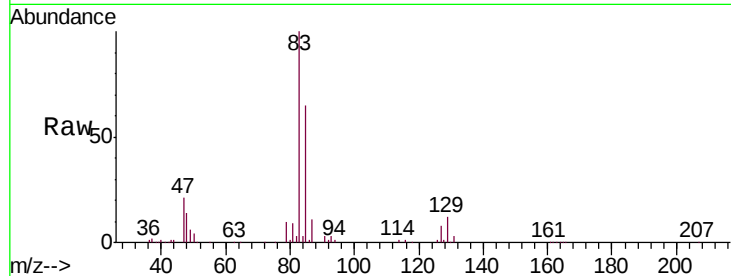
ClientSampleId :

VW0726SBS01

Tot Ion:	83	Resp:	77772
Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.2	78.2
127	8.0	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 22.63 ug/l

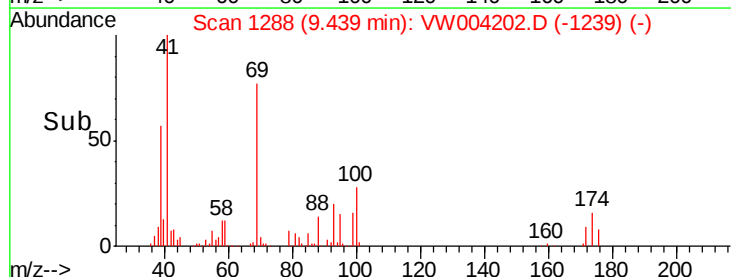
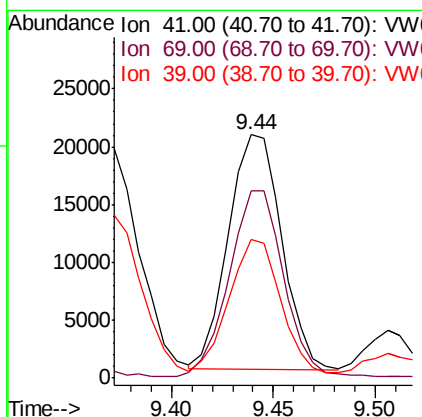
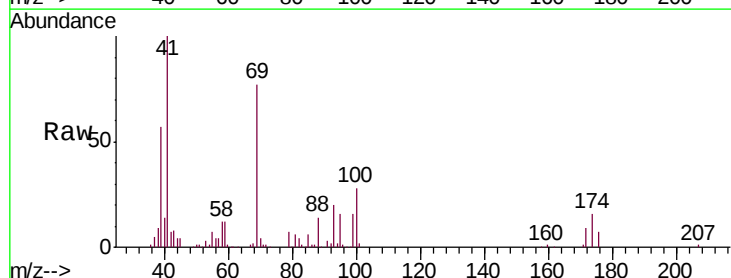
RT: 9.44 min Scan# 1288

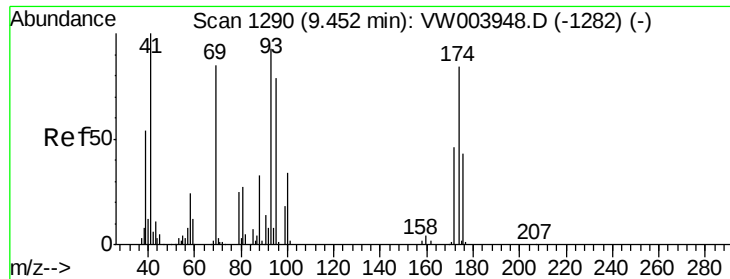
Delta R.T. -0.00 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

Tgt Ion:	41	Resp:	36891
Ion	Ratio	Lower	Upper
41	100		
69	83.8	67.0	100.6
39	59.5	48.8	73.2





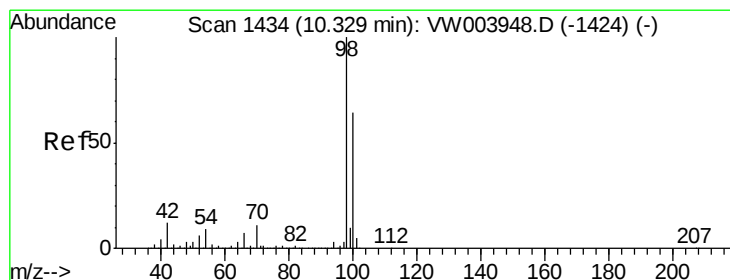
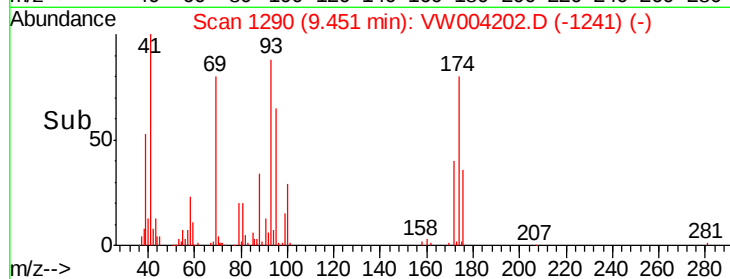
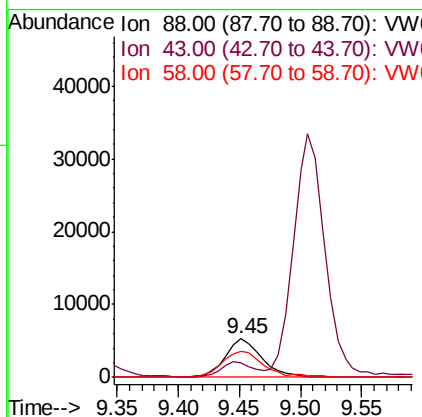
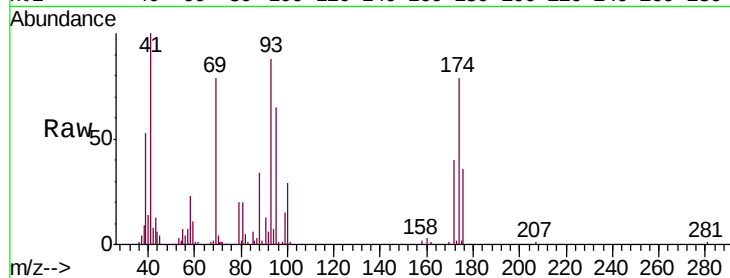
#49
1,4-Dioxane
Concen: 513.50 ug/l
RT: 9.45 min Scan# 1290
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.3	27.3	40.9
58	79.8	61.1	91.7

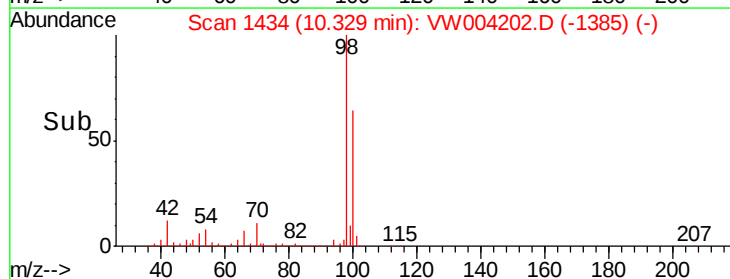
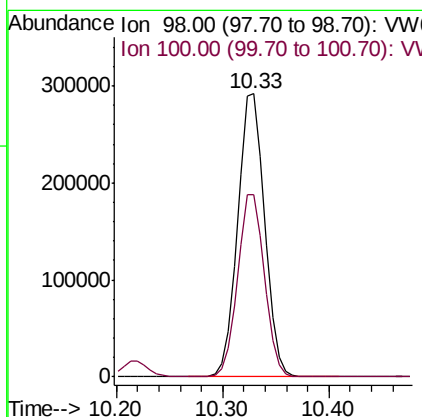
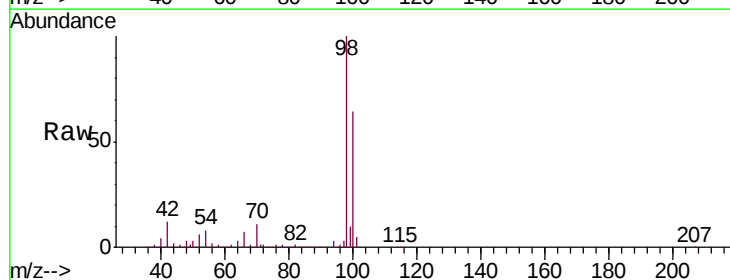
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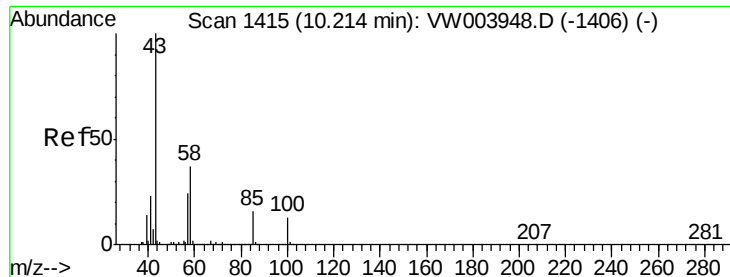
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#50
Toluene-d8
Concen: 57.57 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 117.54 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

Instrument :

MSVOA_W

ClientSampled :

VW0726SBS01

Tot Ion: 43 Resp: 211044

Ion Ratio Lower Upper

43 100

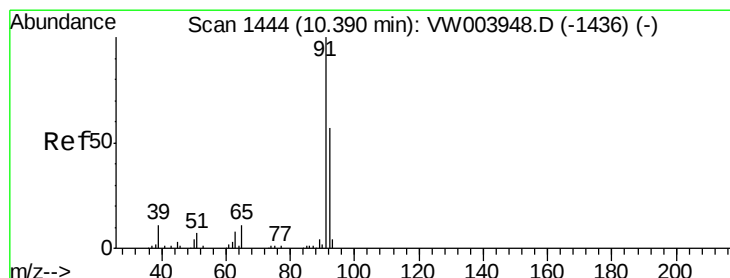
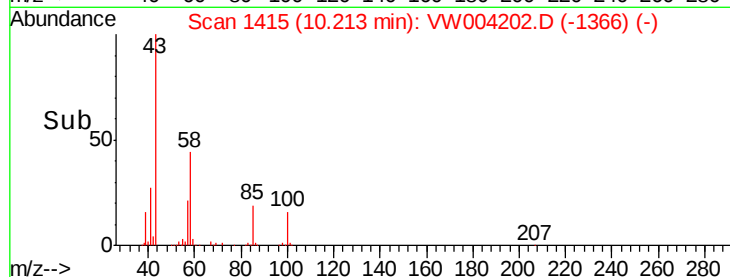
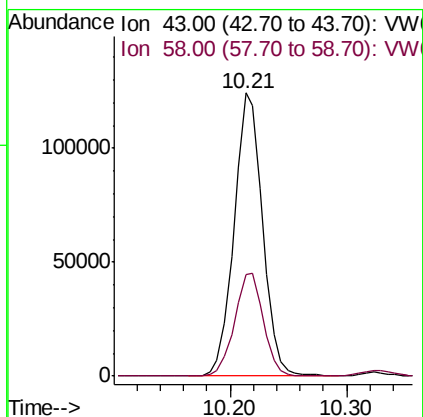
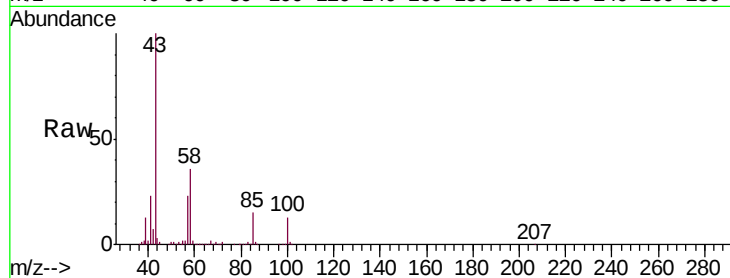
58 36.9 29.9 44.9

Manual Integrations

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#52

Toluene

Concen: 23.28 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004202.D

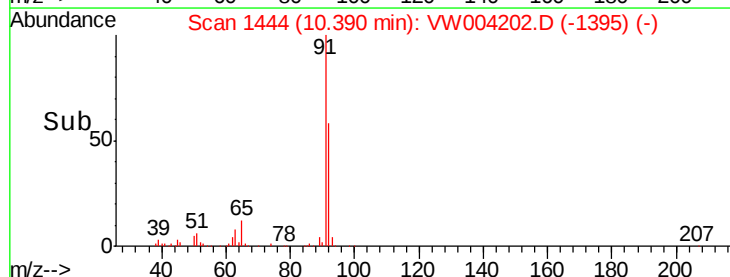
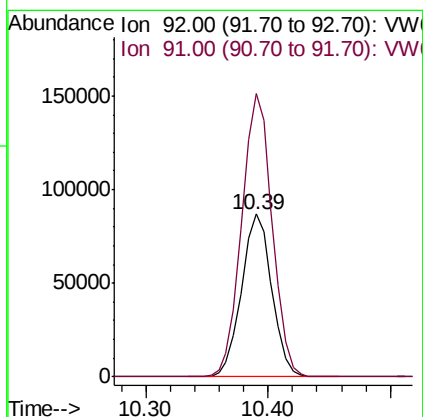
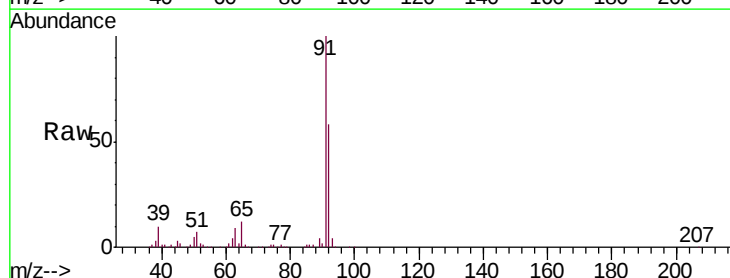
Acq: 25 Jul 2018 19:53

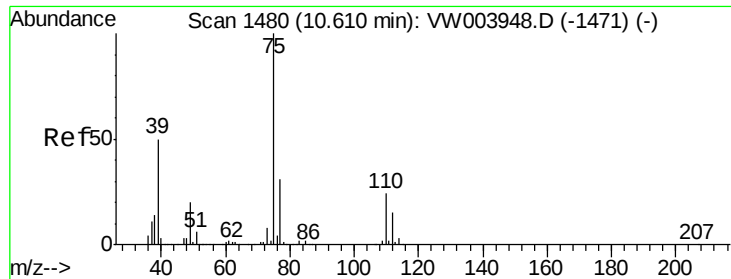
Tgt Ion: 92 Resp: 149221

Ion Ratio Lower Upper

92 100

91 174.8 139.6 209.4





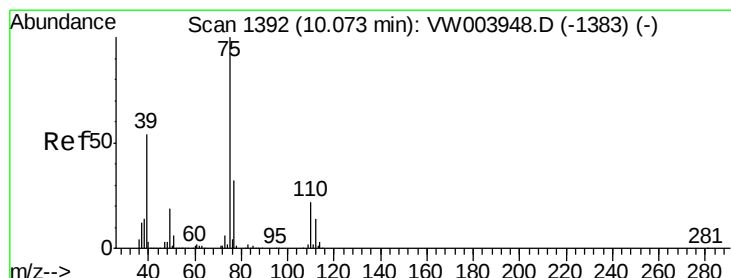
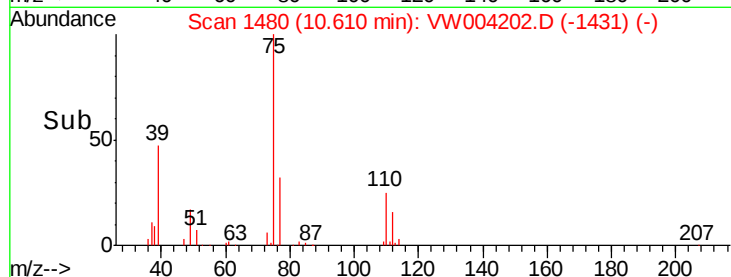
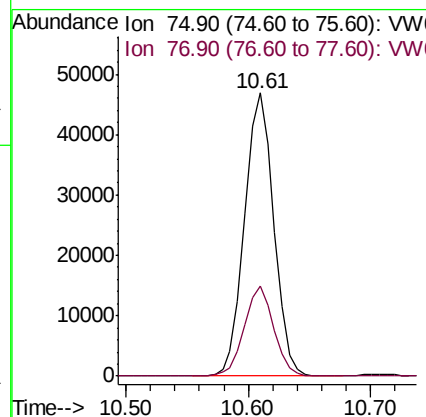
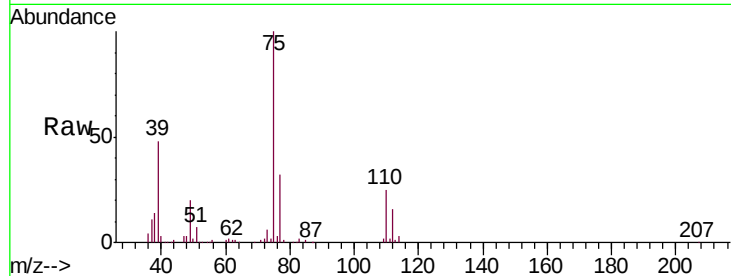
#53
t-1,3-Dichloropropene
Concen: 22.04 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

Tot Ion: 75 Resp: 77989
Ion Ratio Lower Upper
75 100
77 31.7 25.2 37.8

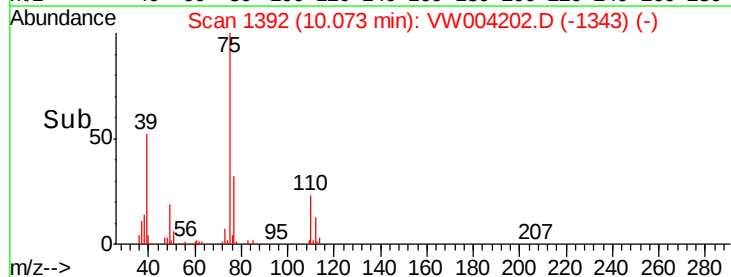
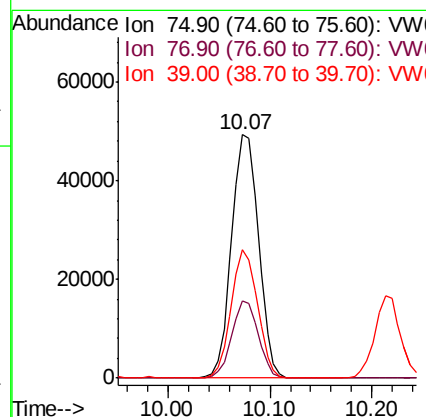
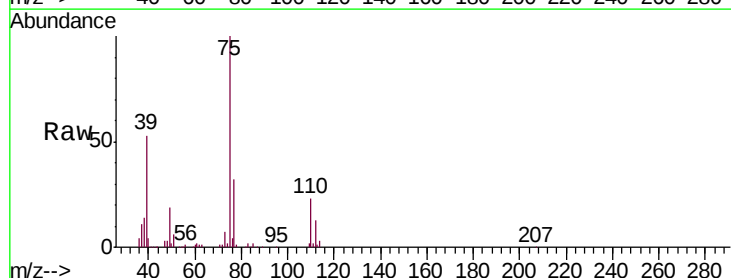
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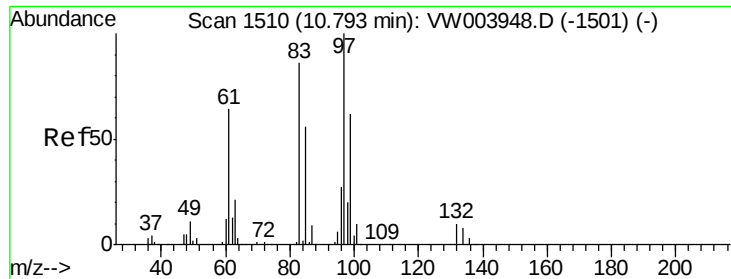
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#54
cis-1,3-Dichloropropene
Concen: 22.34 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Tgt Ion: 75 Resp: 90446
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2
39 52.5 43.0 64.6





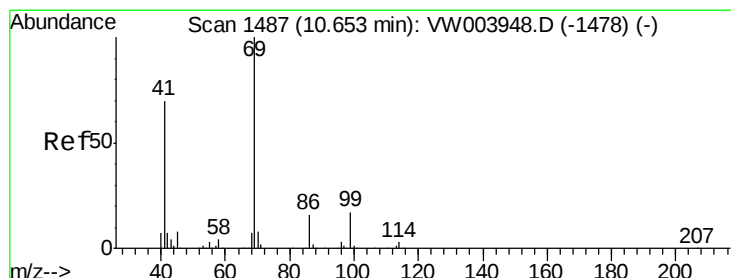
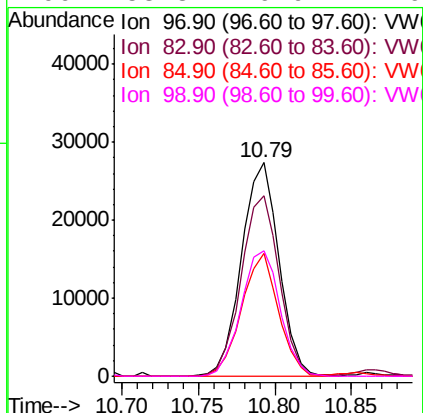
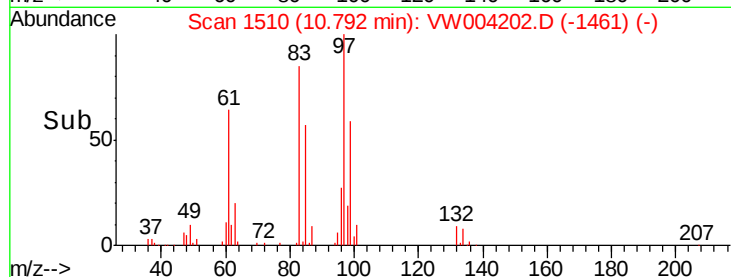
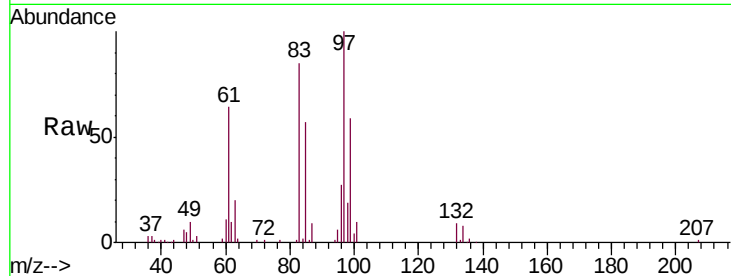
#55
 1,1,2-Trichloroethane
 Concen: 24.08 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW004202.D
 Acq: 25 Jul 2018 19:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0726SBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.8	69.0	103.4
85	57.3	45.0	67.6
99	58.8	49.9	74.9

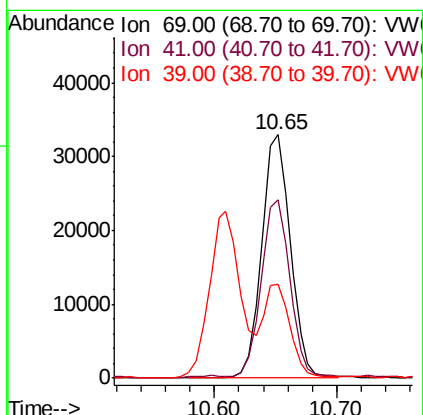
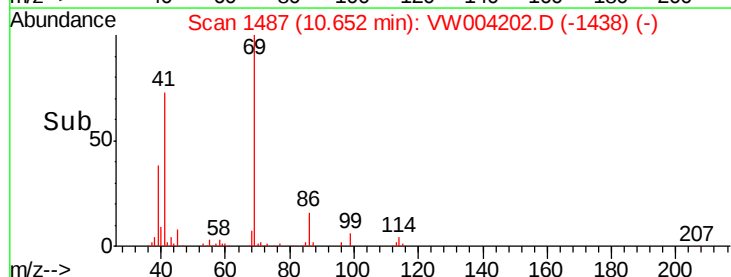
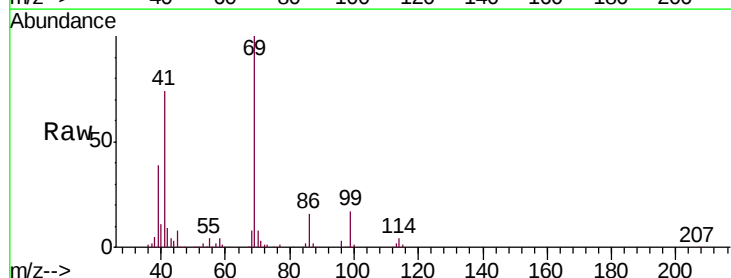
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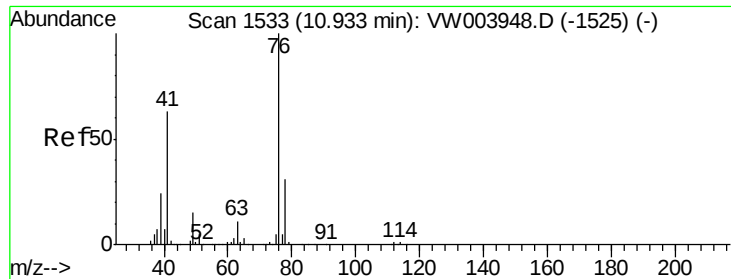
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#56
 Ethyl methacrylate
 Concen: 21.39 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004202.D
 Acq: 25 Jul 2018 19:53

Tgt Ion	Ratio	Lower	Upper
69	100		
41	72.6	56.5	84.7
39	34.7	30.2	45.4





#57

1,3-Dichloropropane

Concen: 23.56 ug/l

RT: 10.93 min Scan# 1533

Delta R.T. -0.00 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

Instrument :

MSVOA_W

ClientSampleId :

VW0726SBS01

Tot Ion: 76 Resp: 79015

Ion Ratio Lower Upper

76 100

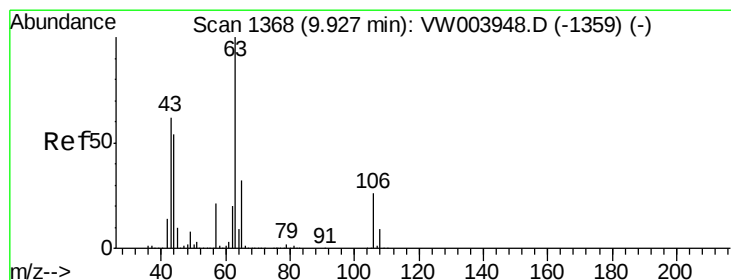
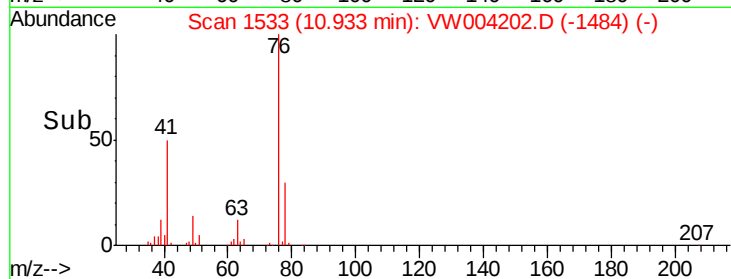
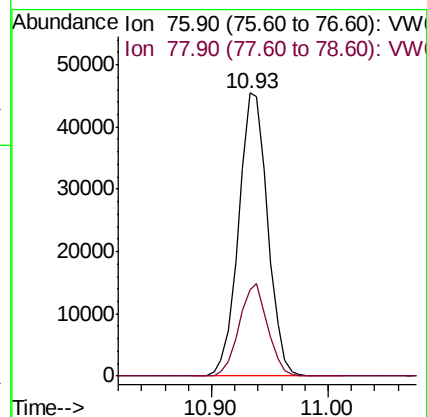
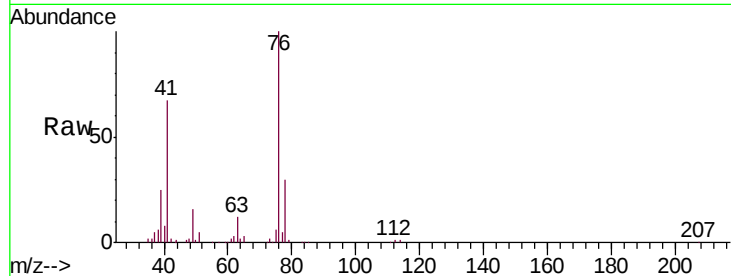
78 32.0 25.2 37.8

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#58

2-Chloroethyl Vinyl ether

Concen: 112.67 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VW004202.D

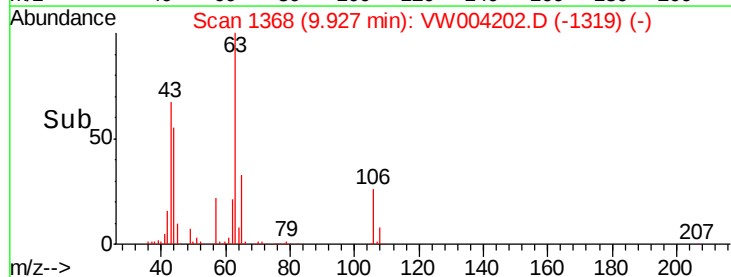
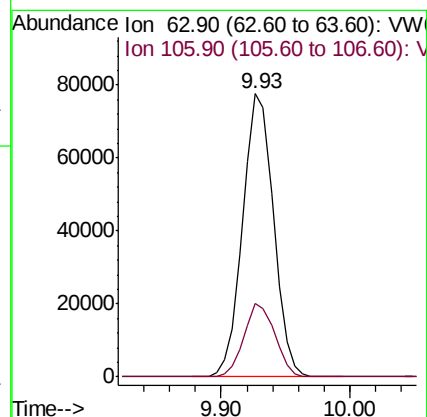
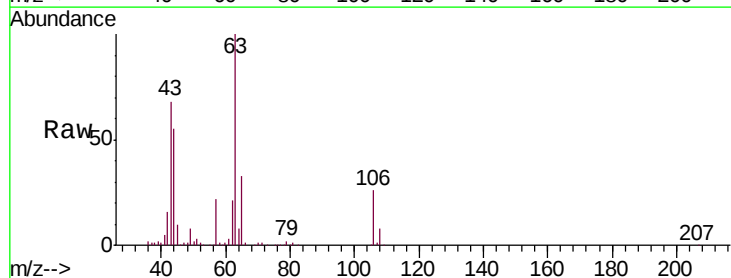
Acq: 25 Jul 2018 19:53

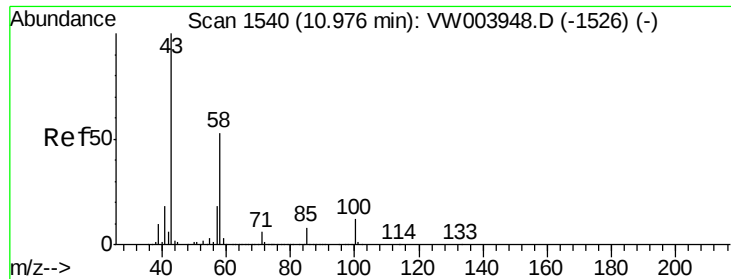
Tgt Ion: 63 Resp: 129036

Ion Ratio Lower Upper

63 100

106 26.0 21.2 31.8





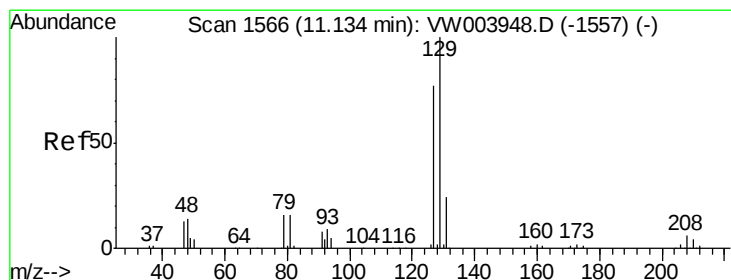
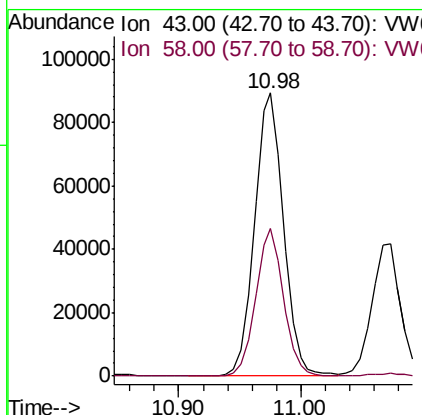
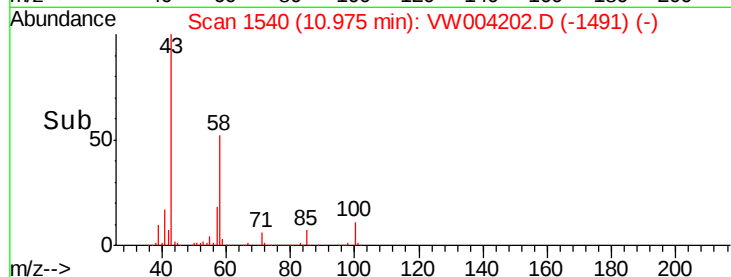
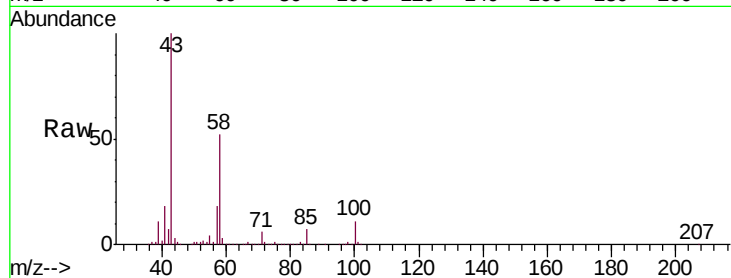
#59
2-Hexanone
Concen: 116.40 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

Tot Ion: 43 Resp: 147311
Ion Ratio Lower Upper
43 100
58 50.1 26.0 78.0

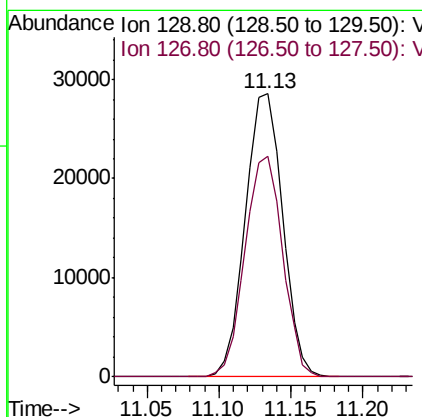
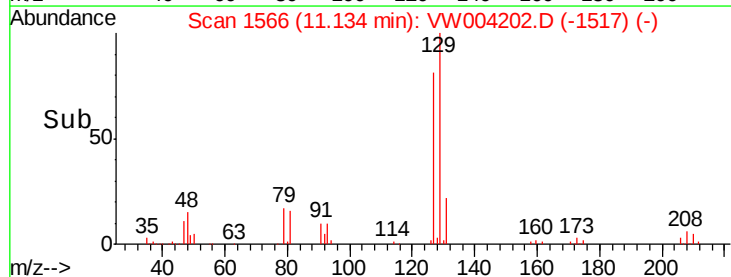
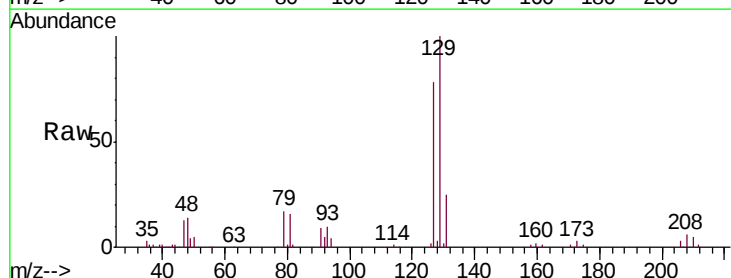
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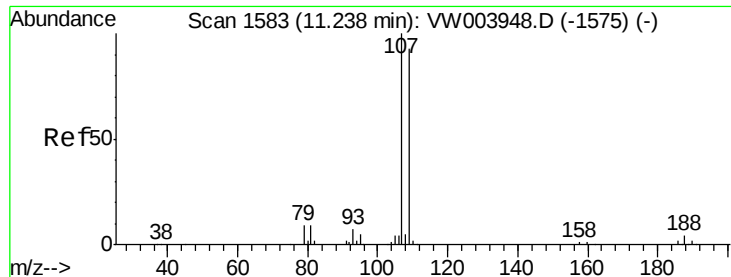
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#60
Dibromochloromethane
Concen: 22.85 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Tgt Ion: 129 Resp: 51372
Ion Ratio Lower Upper
129 100
127 78.5 39.1 117.3





#61

1,2-Dibromoethane

Concen: 23.27 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

Instrument :

MSVOA_W

ClientSampleId :

VW0726SBS01

Tot Ion:107 Resp: 42753

Ion Ratio Lower Upper

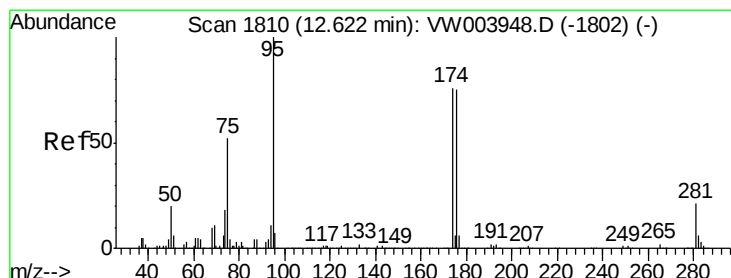
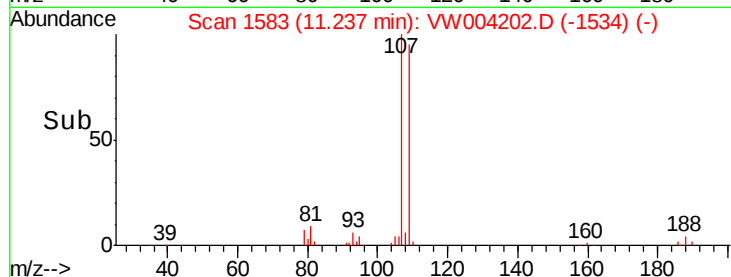
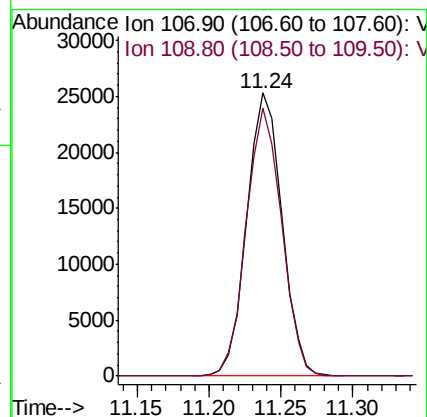
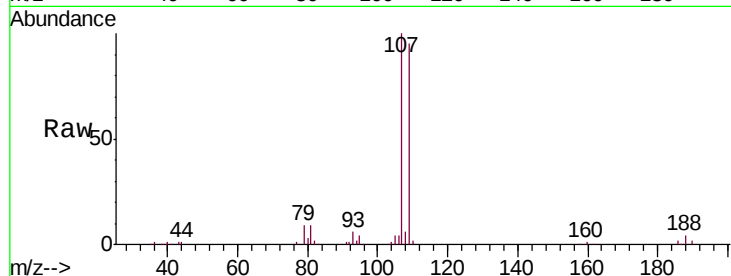
107 100

109 95.3 74.3 111.5

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#62

4-Bromofluorobenzene

Concen: 57.02 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

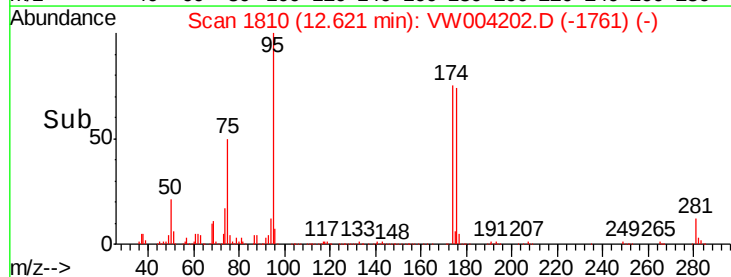
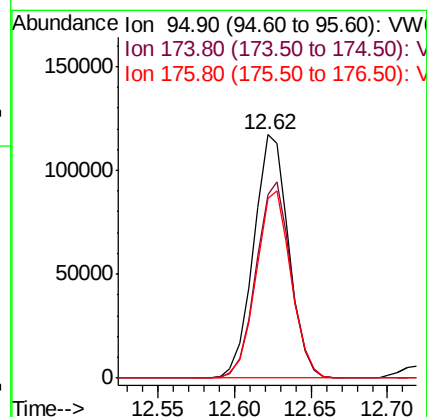
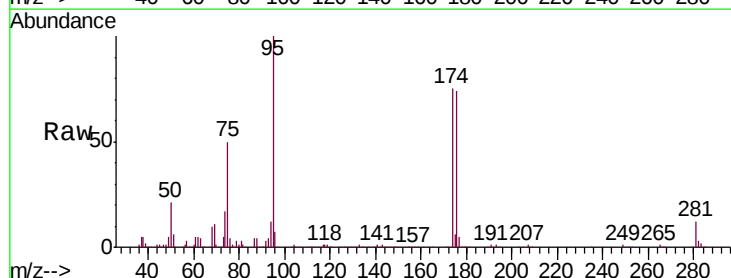
Tgt Ion: 95 Resp: 185868

Ion Ratio Lower Upper

95 100

174 80.4 0.0 160.2

176 77.2 0.0 155.8





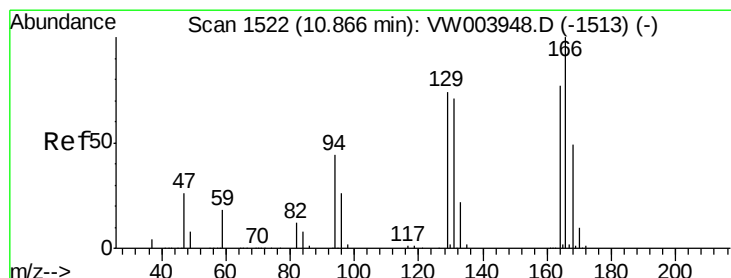
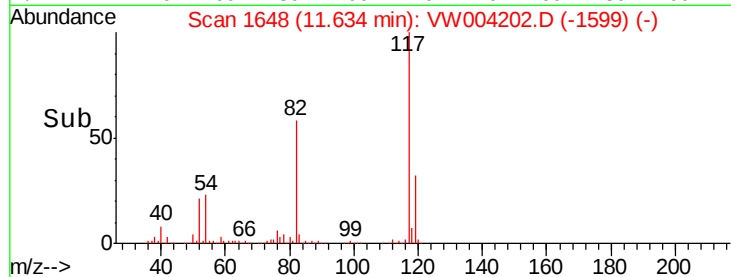
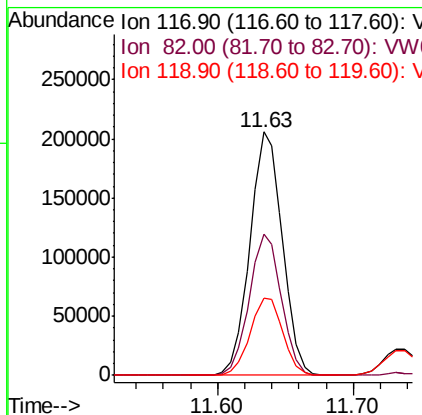
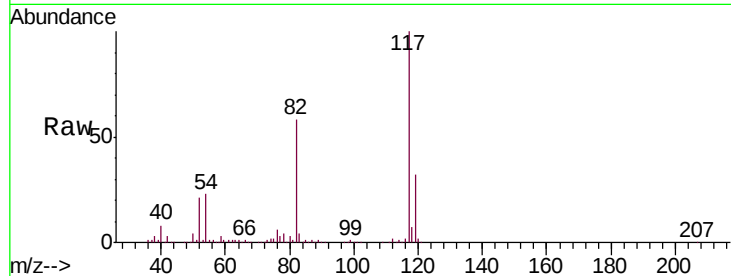
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.0	46.5	69.7
119	31.8	26.2	39.2

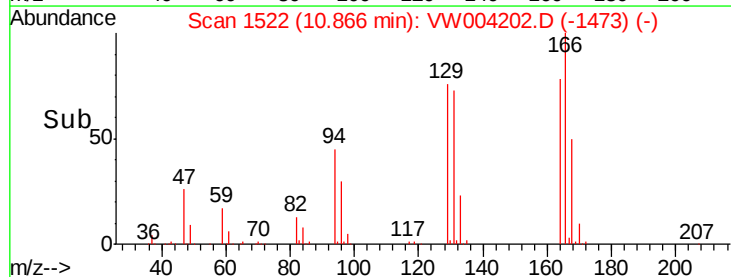
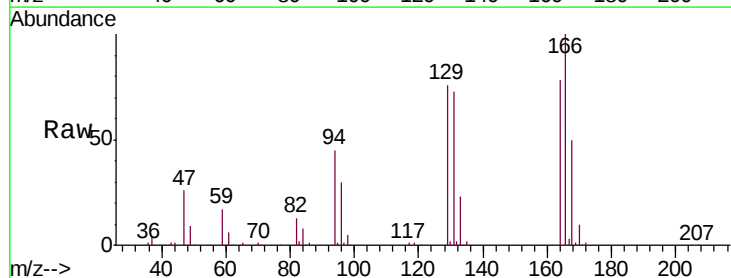
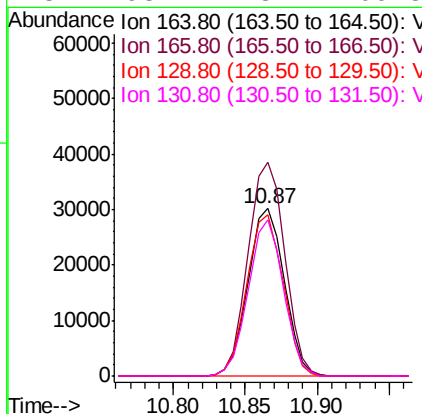
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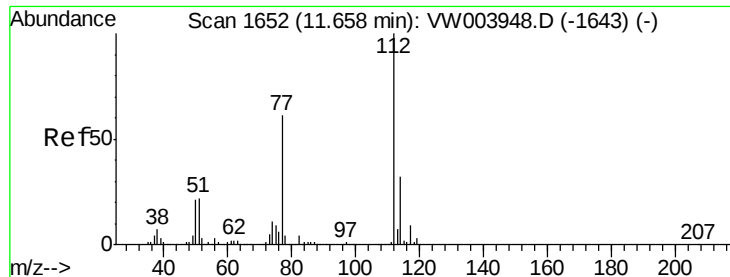
apatel
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#64
Tetrachloroethene
Concen: 22.33 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.7	103.5	155.3
129	96.4	76.8	115.2
131	93.1	73.2	109.8





#65

Chlorobenzene

Concen: 22.27 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. -0.00 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

Instrument :

MSVOA_W

ClientSampleId :

VW0726SBS01

Tot Ion:112 Resp: 162938

Ion Ratio Lower Upper

112 100

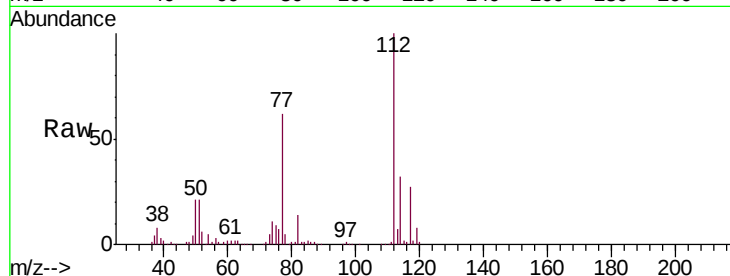
114 31.7 25.2 37.8

Manual Integrations

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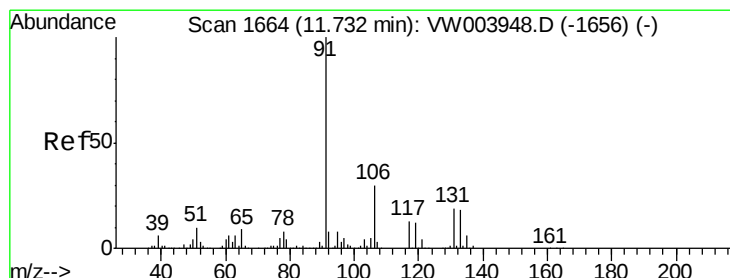
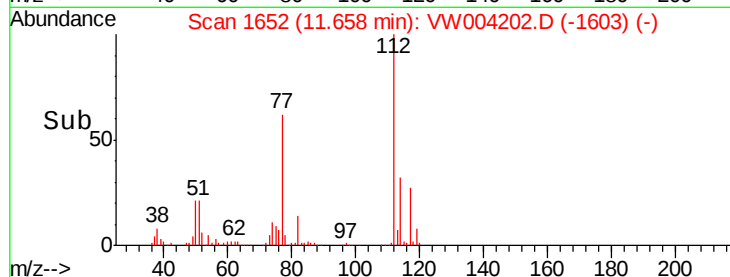
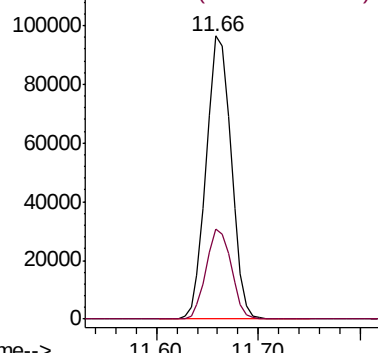
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 22.32 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.01 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

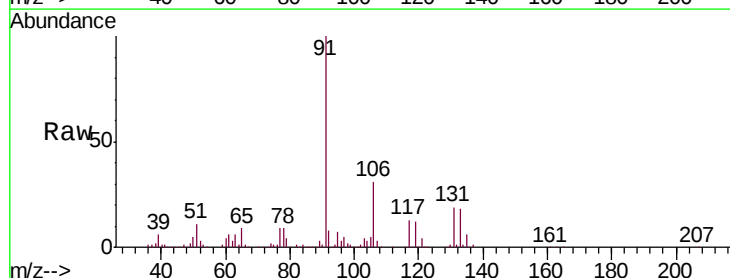
Tgt Ion:131 Resp: 56745

Ion Ratio Lower Upper

131 100

133 97.0 47.9 143.8

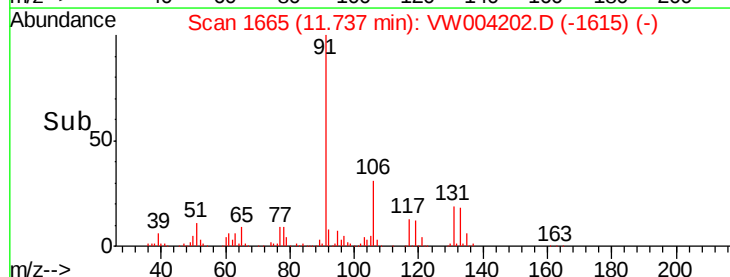
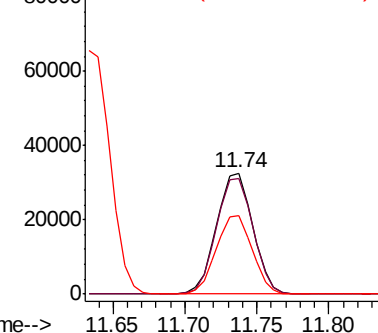
119 64.5 32.5 97.5

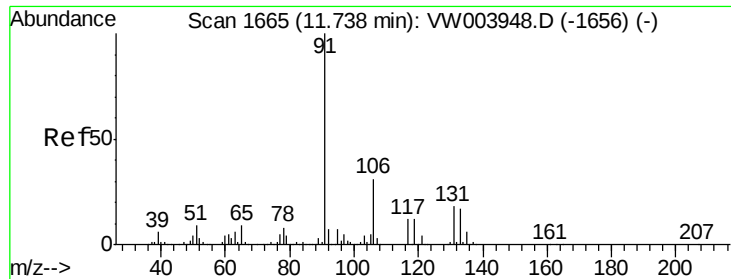


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





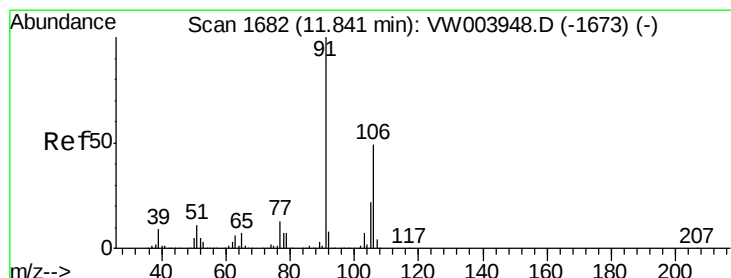
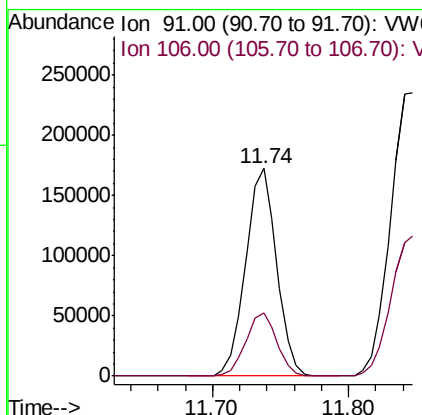
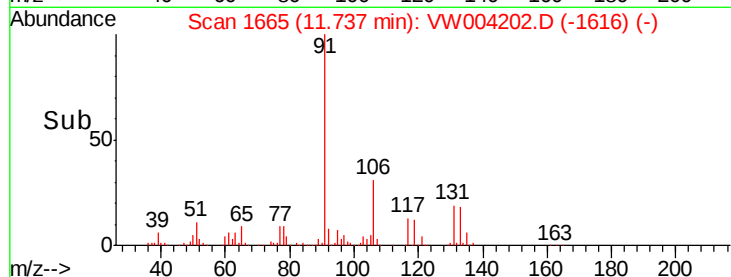
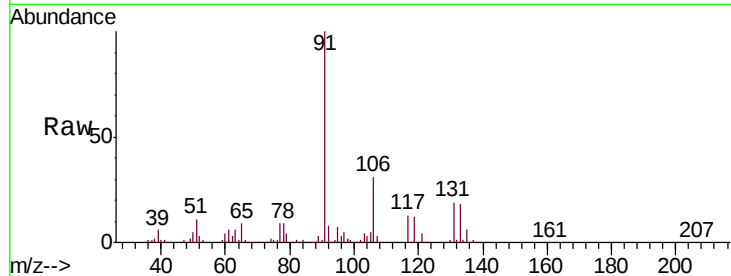
#67
Ethyl Benzene
Concen: 21.37 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

Tot Ion: 91 Resp: 274580
Ion Ratio Lower Upper
91 100
106 30.7 25.0 37.4

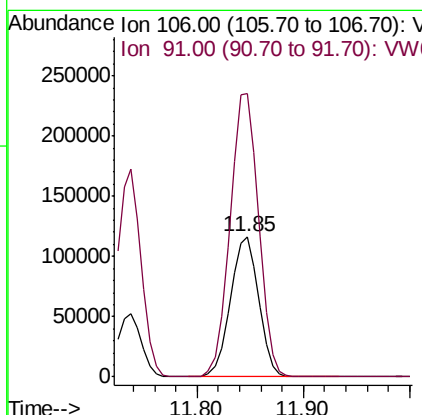
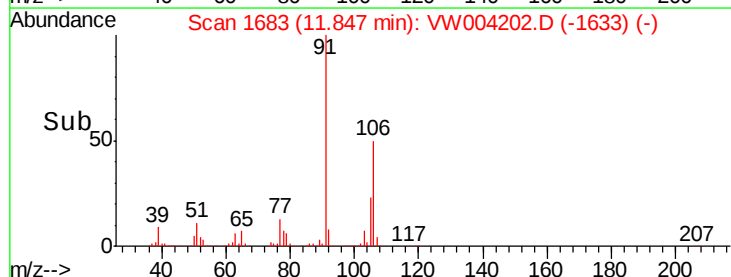
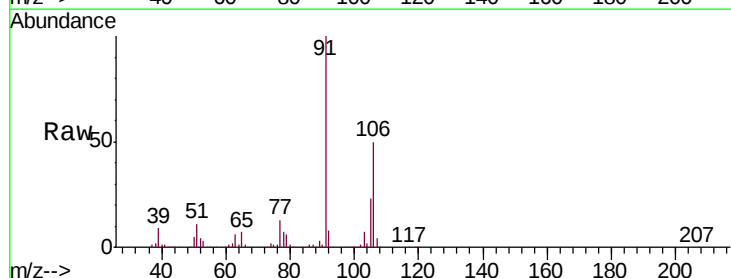
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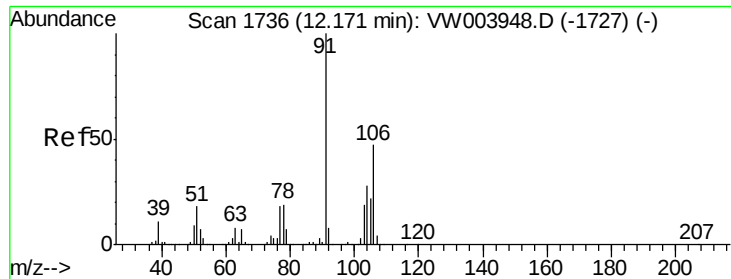
apatel
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#68
m/p-Xylenes
Concen: 44.08 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Tgt Ion: 106 Resp: 216524
Ion Ratio Lower Upper
106 100
91 204.3 164.2 246.2





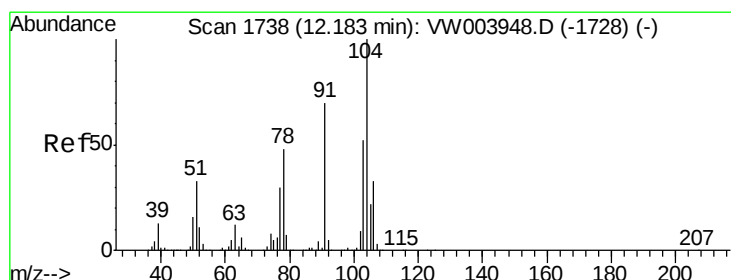
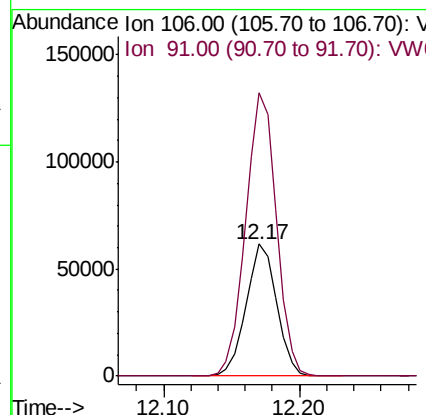
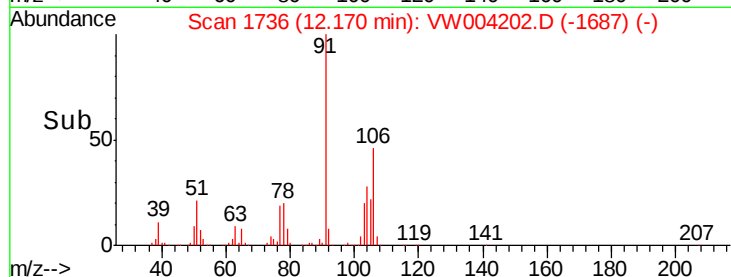
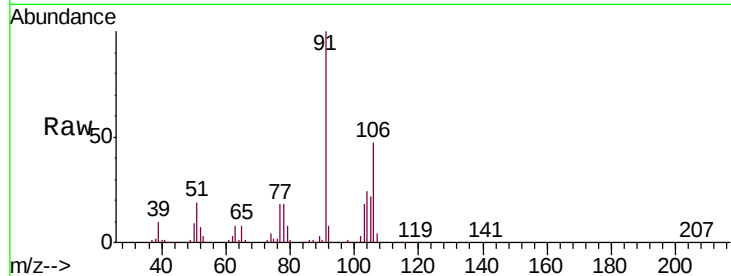
#69
o-Xylene
Concen: 21.27 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	216.4	107.5	322.6

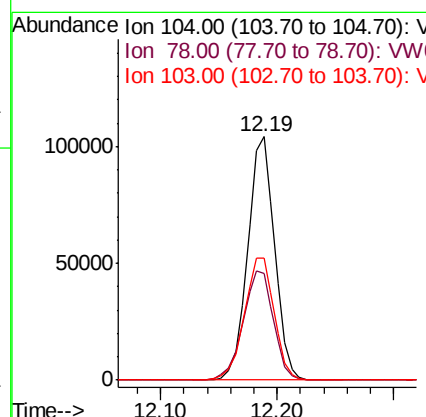
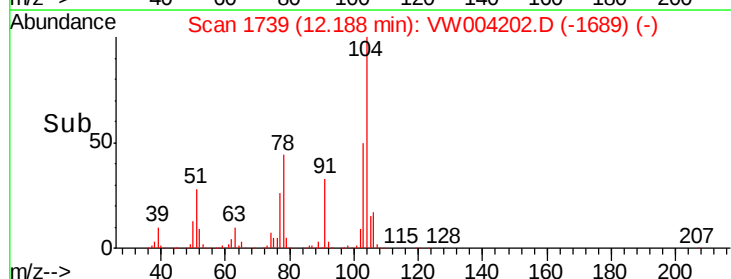
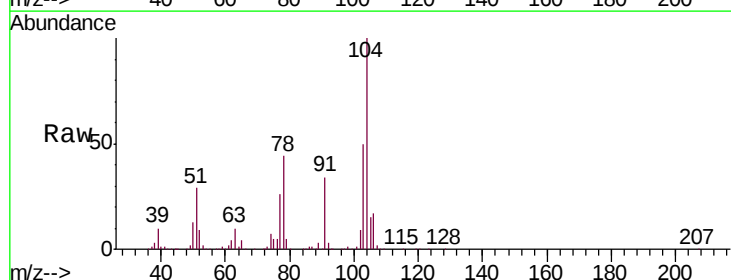
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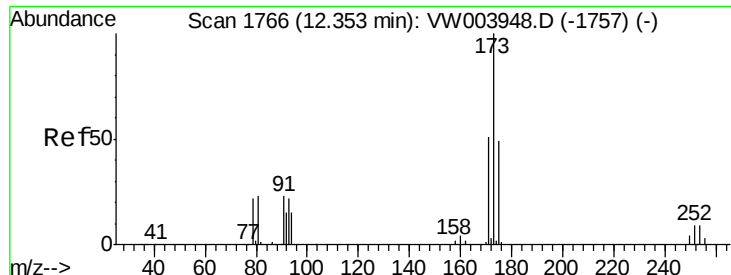
apatel
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#70
Styrene
Concen: 22.15 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.4	41.0	61.4
103	55.6	44.6	67.0





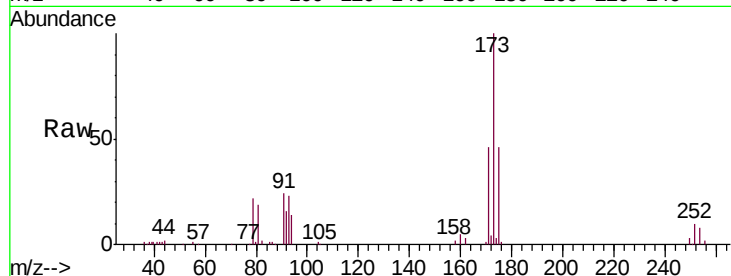
#71
Bromoform
Concen: 22.08 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.4	73.2
254	0.0	0.1	0.1#

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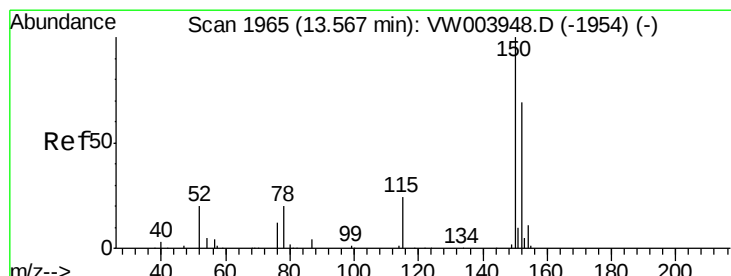
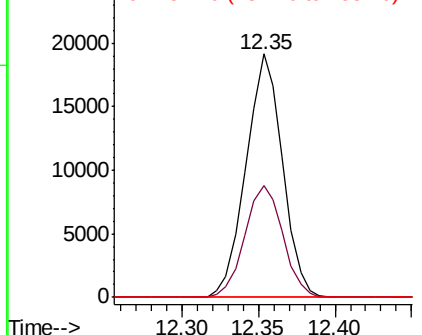
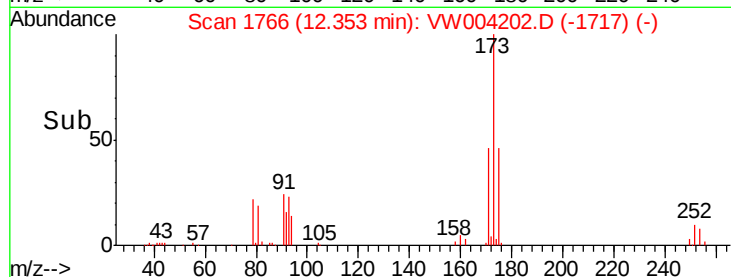


Abundance

Ion 172.70 (172.40 to 173.40): V

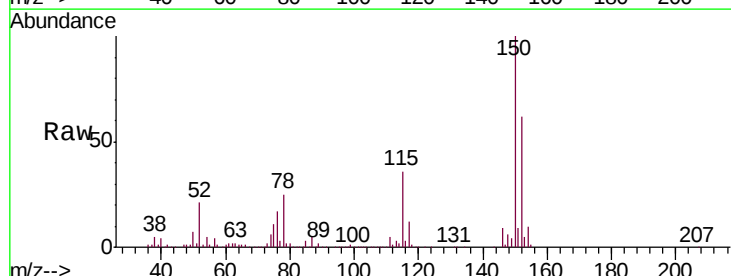
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.4	29.2	87.6
150	164.2	0.0	345.2

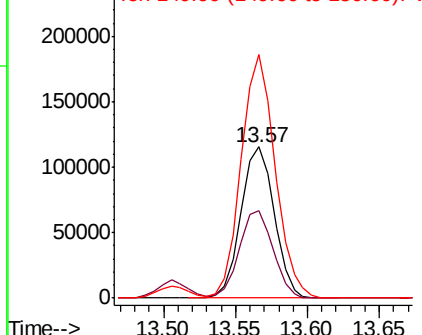
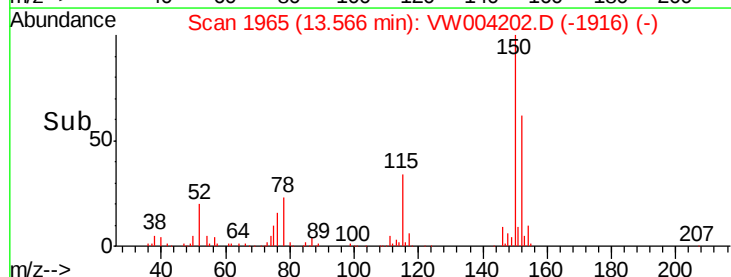


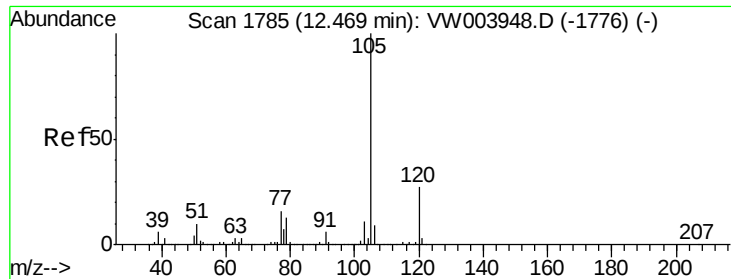
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





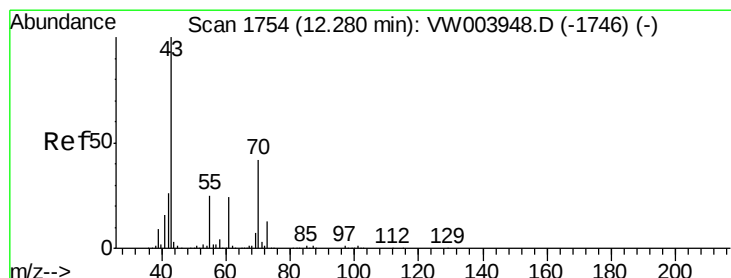
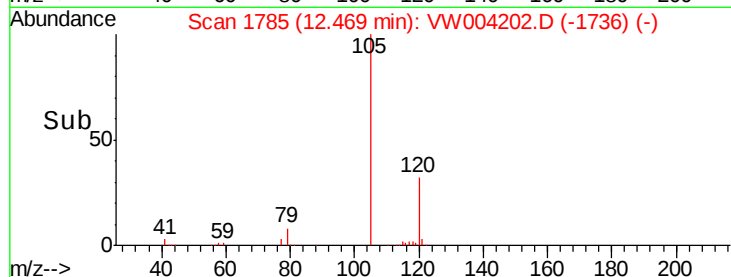
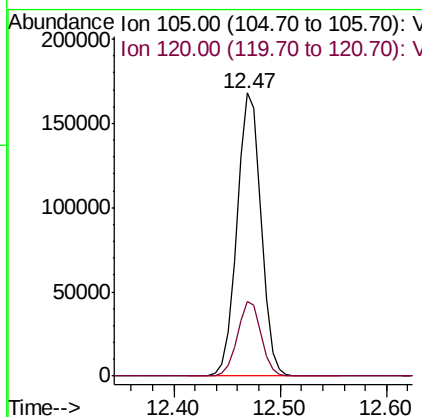
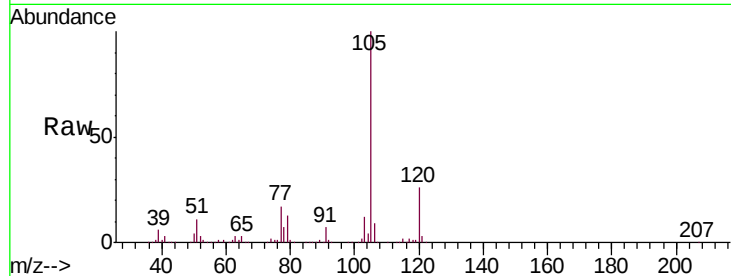
#73
Isopropylbenzene
Concen: 20.37 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.2	39.6

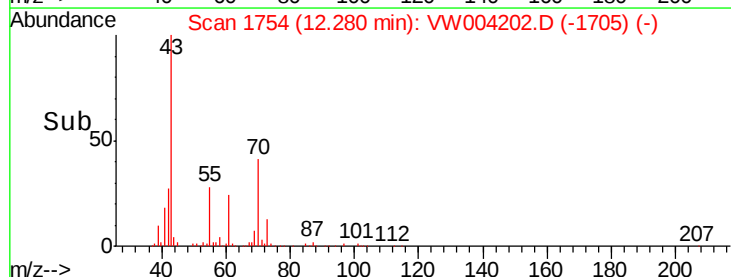
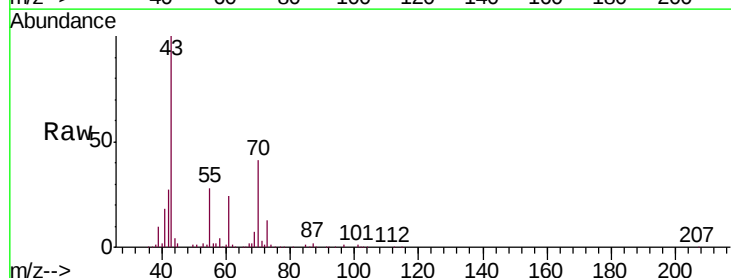
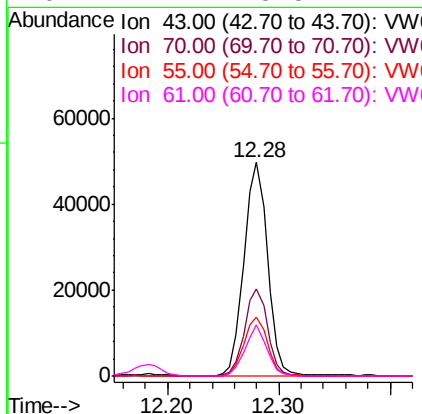
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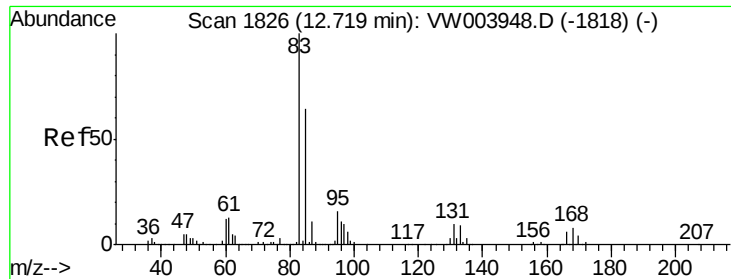
apatel
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#74
N-ethyl acetate
Concen: 21.49 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Tgt Ion	Ratio	Lower	Upper
43	100		
70	40.0	31.6	47.4
55	27.7	20.0	30.0
61	22.1	18.5	27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 22.46 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

Instrument :

MSVOA_W

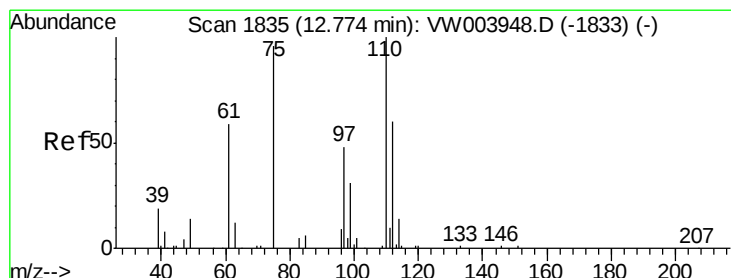
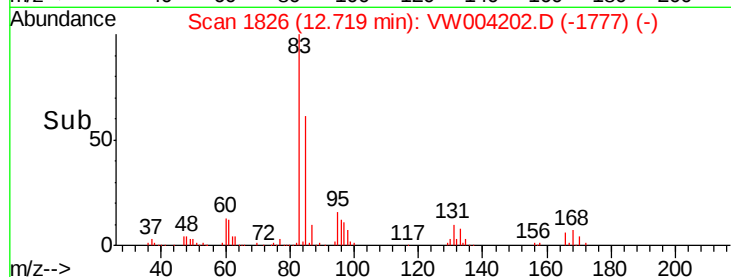
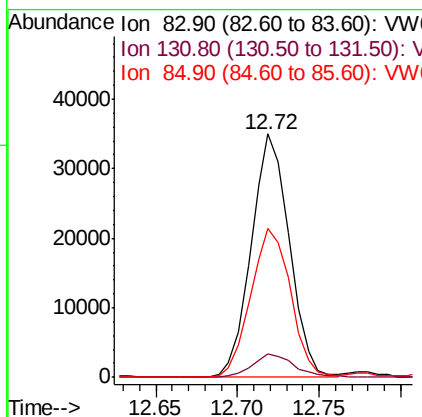
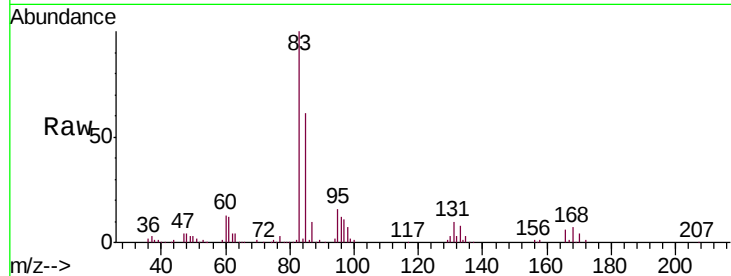
ClientSampleId :

VW0726SBS01

Tot Ion:	83	Resp:	56824
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.3	15.8
85	63.9	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.05 ug/l m

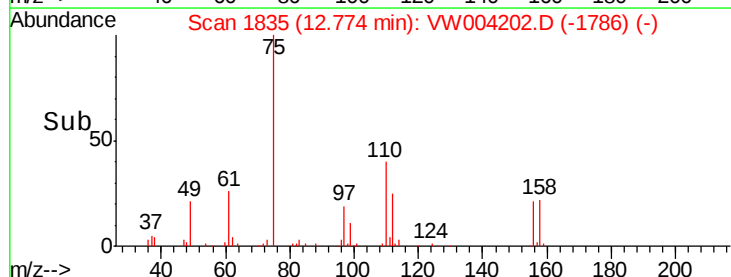
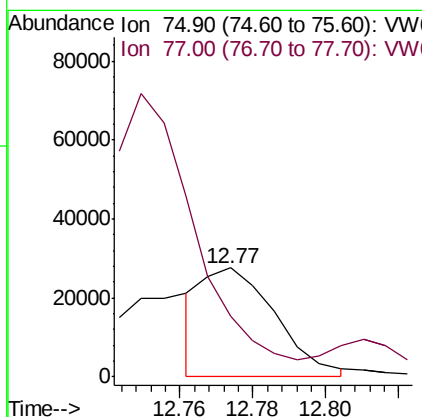
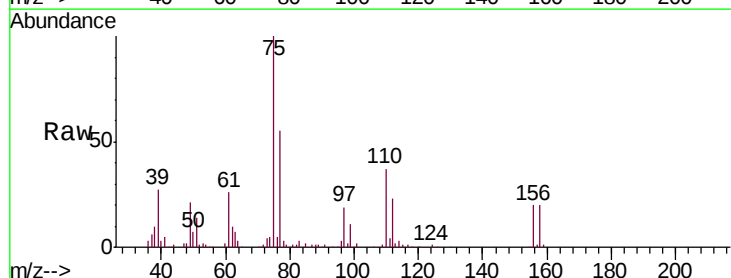
RT: 12.77 min Scan# 1835

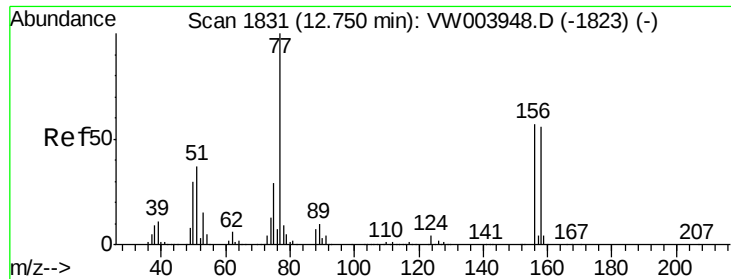
Delta R.T. -0.00 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

Tgt Ion:	75	Resp:	38685
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





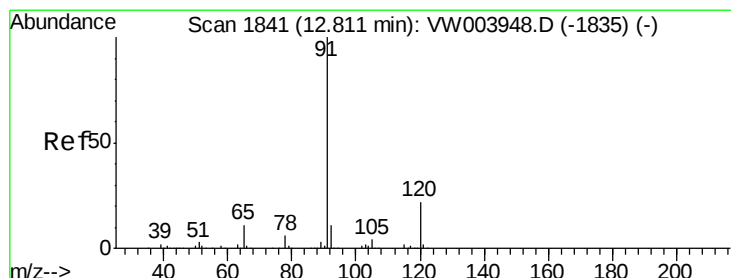
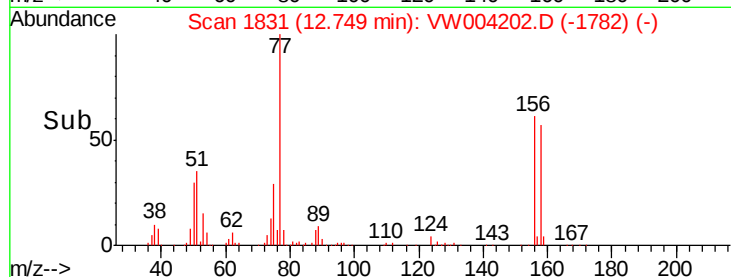
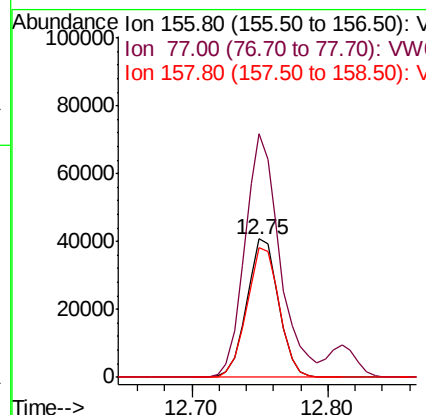
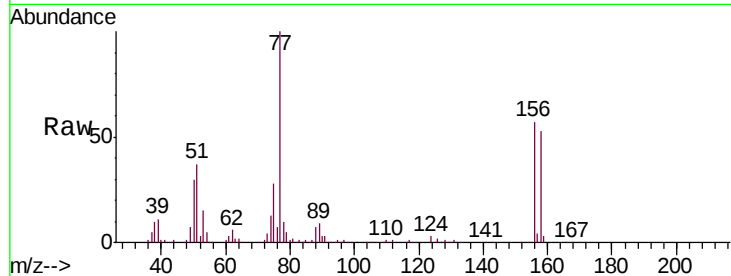
#77
Bromobenzene
Concen: 21.23 ug/l
RT: 12.75 min Scan# 1831
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	193.3	96.2	288.6
158	95.8	48.5	145.5

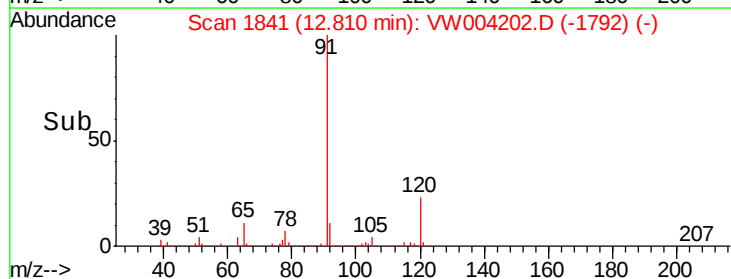
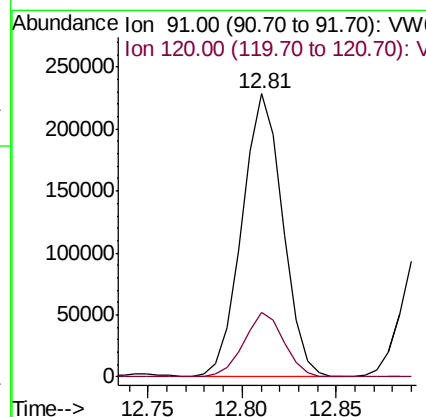
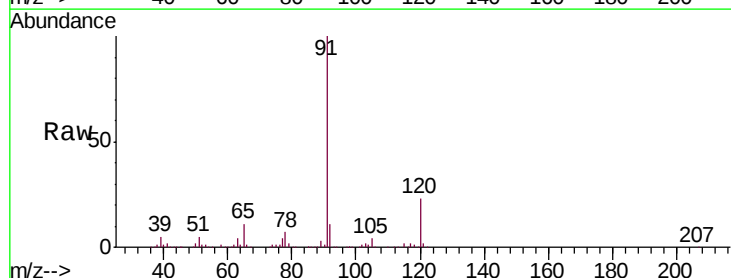
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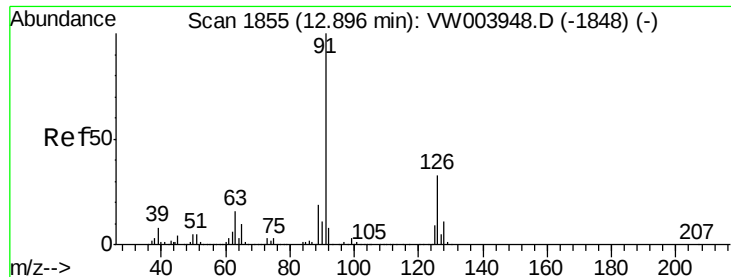
apatel
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#78
n-propylbenzene
Concen: 21.25 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.2	33.6





#79

2-Chlorotoluene

Concen: 21.72 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

Instrument :

MSVOA_W

ClientSampleId :

VW0726SBS01

Tot Ion: 91 Resp: 196624

Ion Ratio Lower Upper

91 100

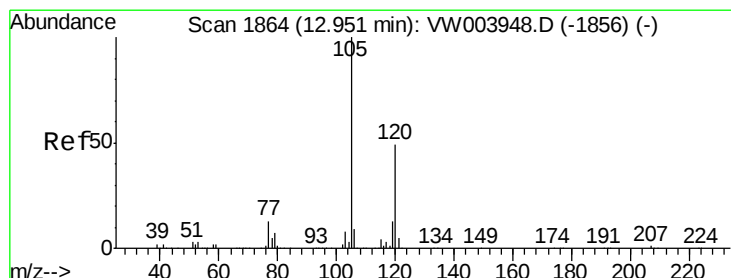
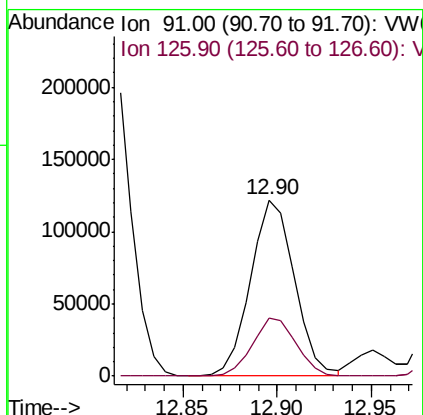
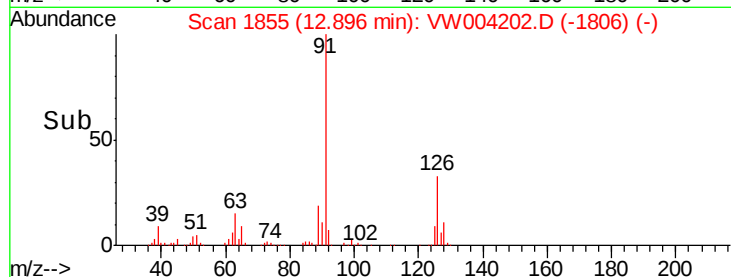
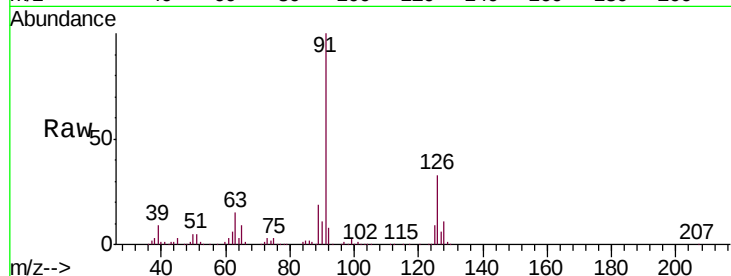
126 33.1 17.0 51.0

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#80

1,3,5-Trimethylbenzene

Concen: 21.28 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW004202.D

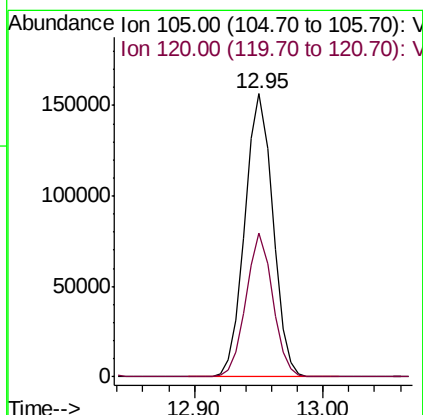
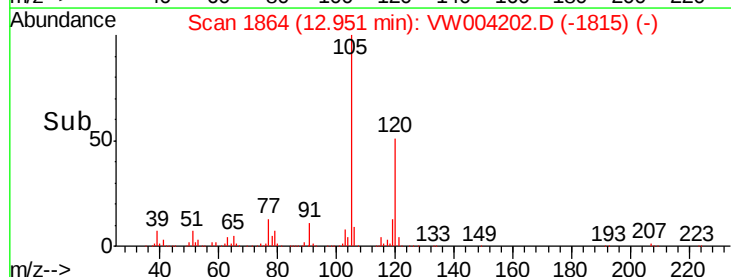
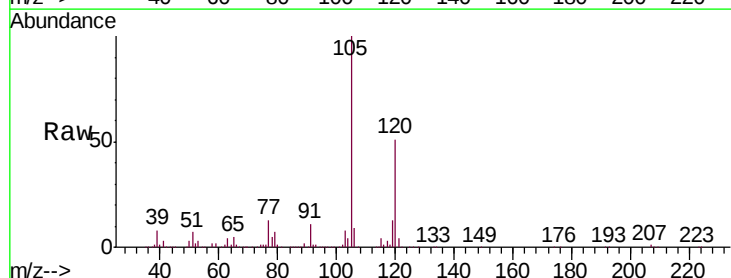
Acq: 25 Jul 2018 19:53

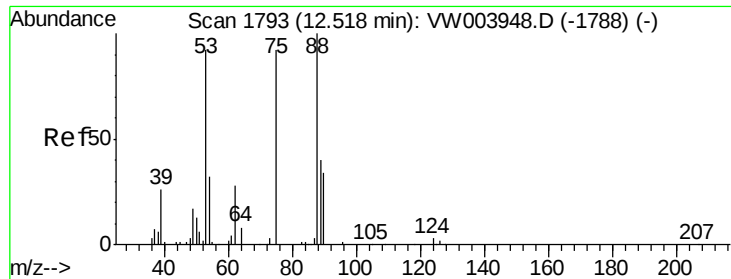
Tgt Ion:105 Resp: 234339

Ion Ratio Lower Upper

105 100

120 48.6 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 20.02 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

Instrument :

MSVOA_W

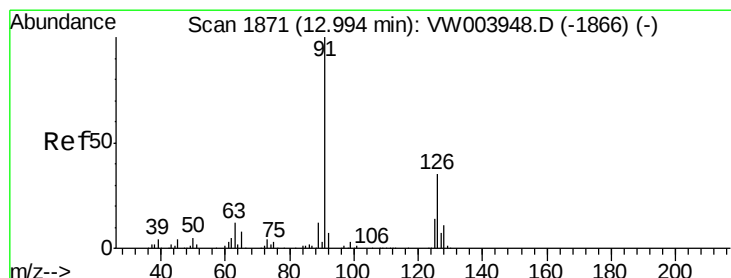
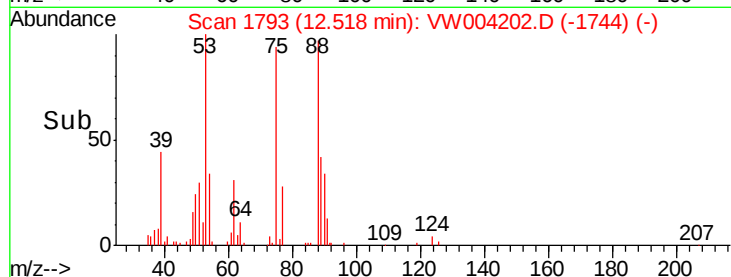
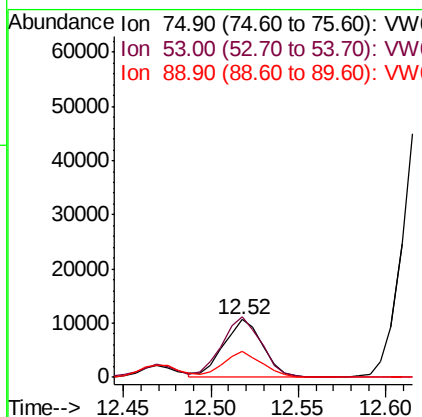
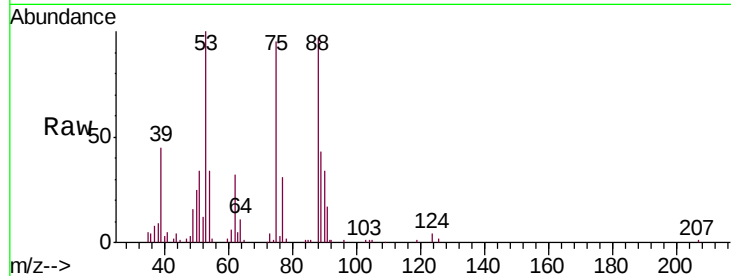
ClientSampleId :

VW0726SBS01

Tot Ion:	75	Resp:	16637
Ion Ratio	Lower	Upper	
75	100		
53	105.9	77.6	116.4
89	43.4	36.6	54.8

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#82

4-Chlorotoluene

Concen: 21.75 ug/l

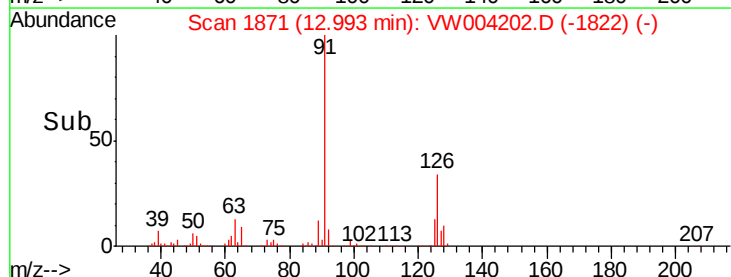
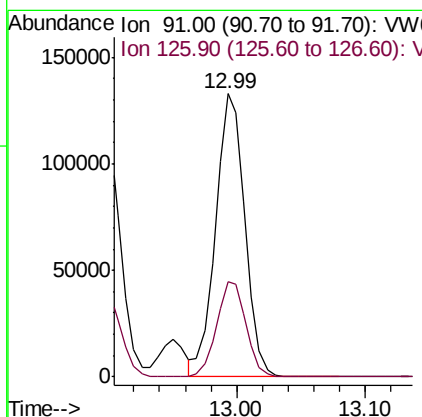
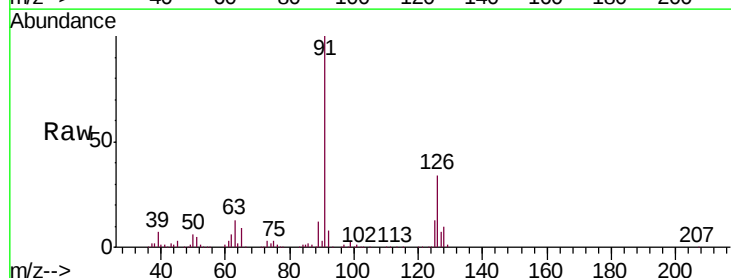
RT: 12.99 min Scan# 1871

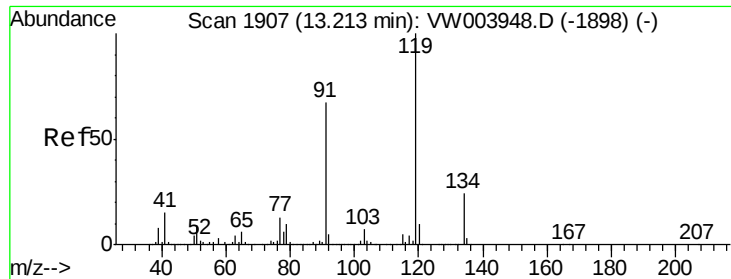
Delta R.T. -0.00 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

Tgt Ion:	91	Resp:	211311
Ion Ratio	Lower	Upper	
91	100		
126	33.9	16.7	50.0





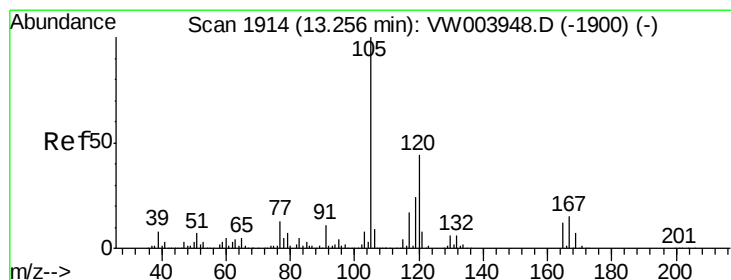
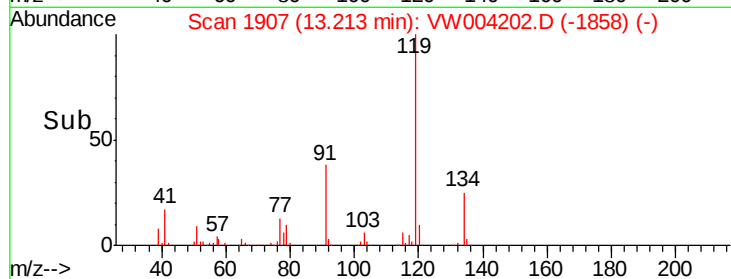
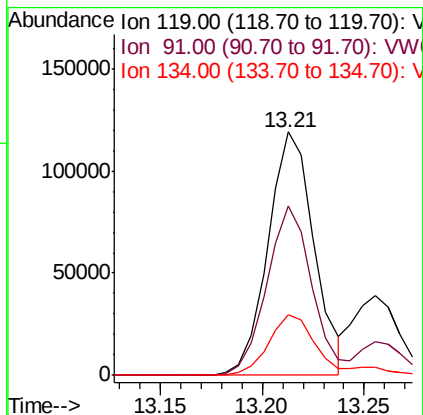
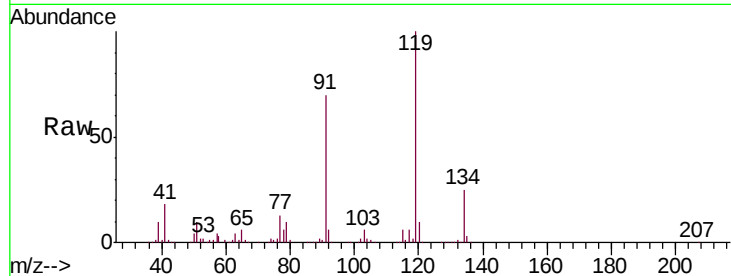
#83
tert-Butylbenzene
Concen: 20.25 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	187186		
91	69.1	33.2	99.6	
134	25.1	13.0	38.9	

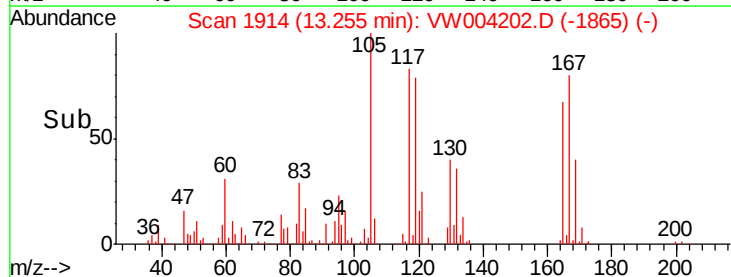
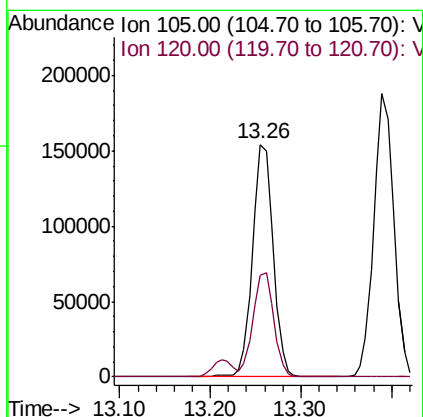
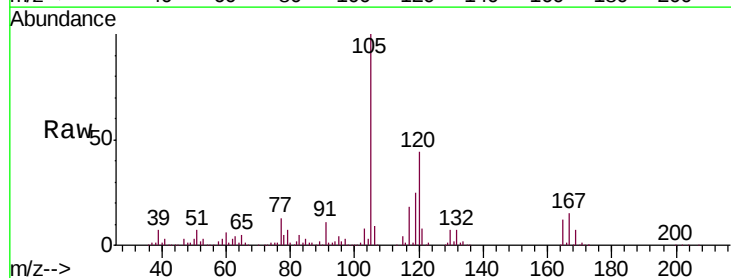
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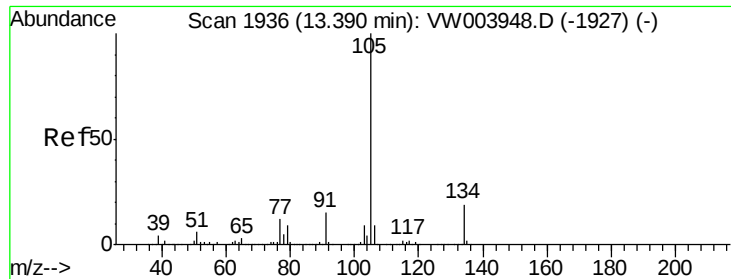
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#84
1,2,4-Trimethylbenzene
Concen: 21.56 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	244179		
120	44.8	22.1	66.1	





#85

sec-Butylbenzene

Concen: 20.97 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

Instrument :

MSVOA_W

ClientSampleId :

VW0726SBS01

Tot Ion:105 Resp: 287605

Ion Ratio Lower Upper

105 100

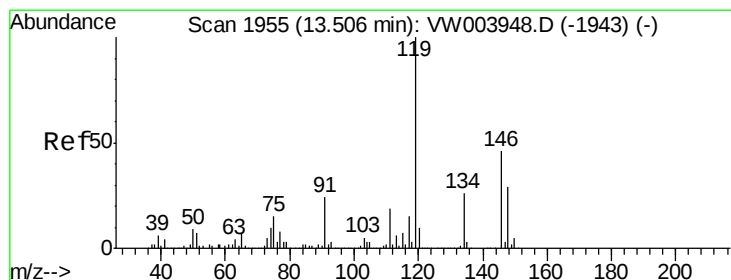
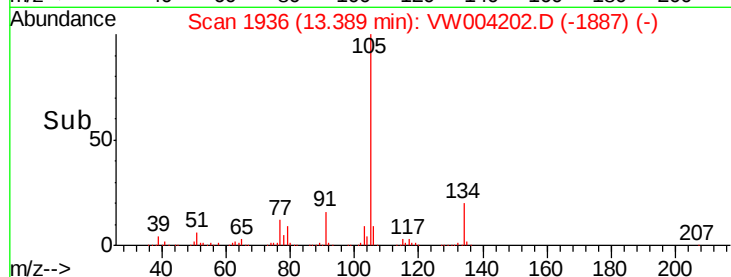
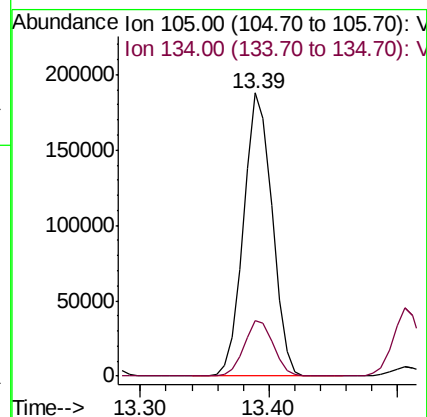
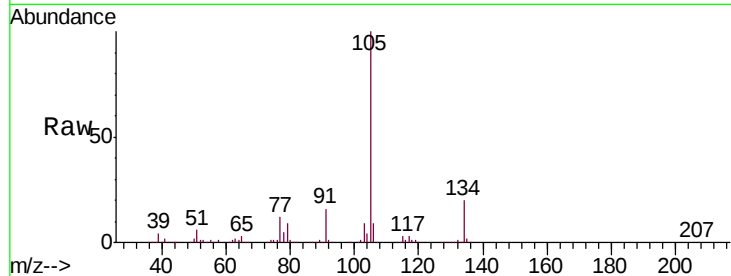
134 19.9 9.8 29.4

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#86

p-Isopropyltoluene

Concen: 20.97 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW004202.D

Acq: 25 Jul 2018 19:53

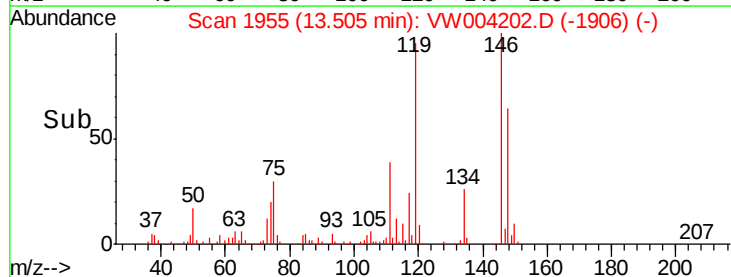
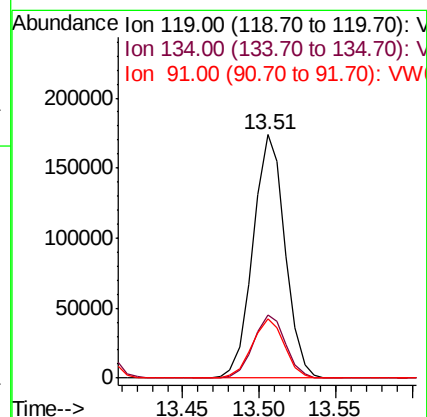
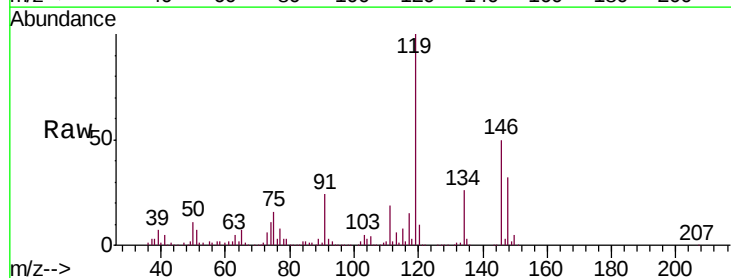
Tgt Ion:119 Resp: 252284

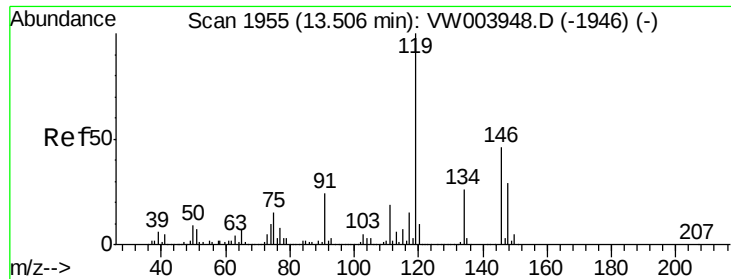
Ion Ratio Lower Upper

119 100

134 26.3 13.0 38.9

91 24.4 11.8 35.3





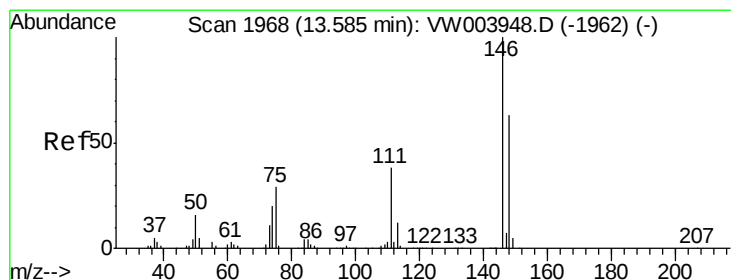
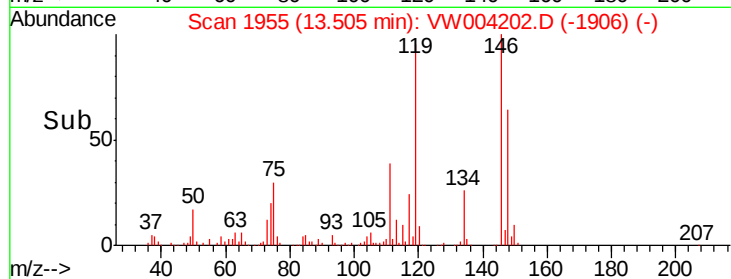
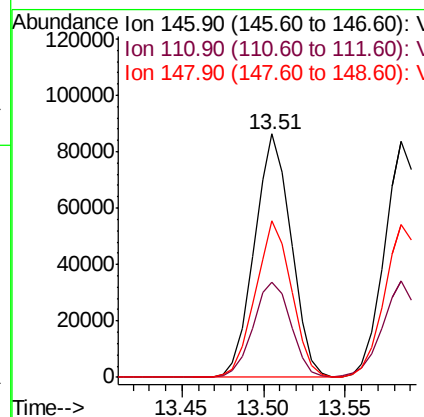
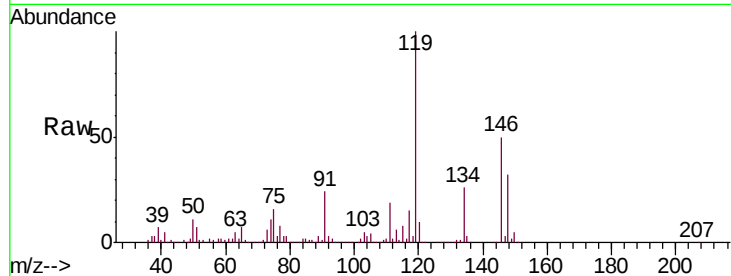
#87
 1,3-Dichlorobenzene
 Concen: 21.66 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004202.D
 Acq: 25 Jul 2018 19:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0726SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	135437		
111	40.2	19.9	59.6	
148	63.5	31.9	95.5	

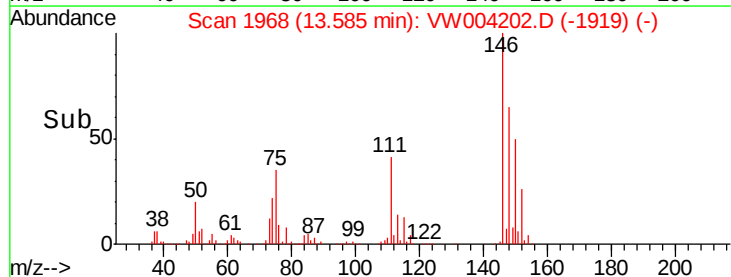
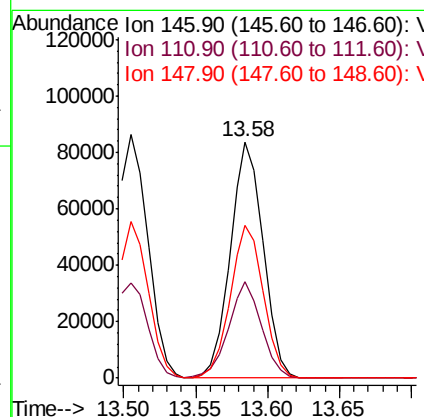
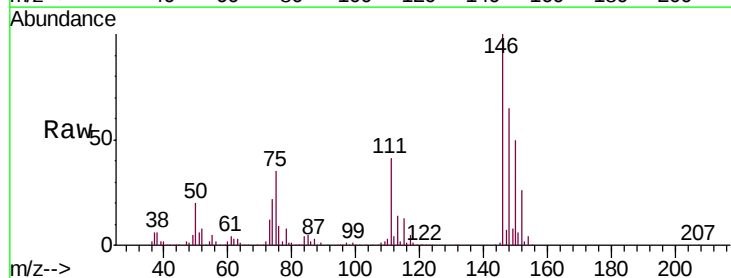
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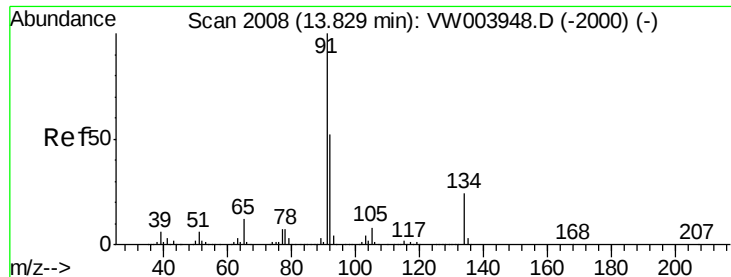
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#88
 1,4-Dichlorobenzene
 Concen: 21.31 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW004202.D
 Acq: 25 Jul 2018 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	133604		
111	40.8	19.6	58.7	
148	65.0	32.3	96.8	





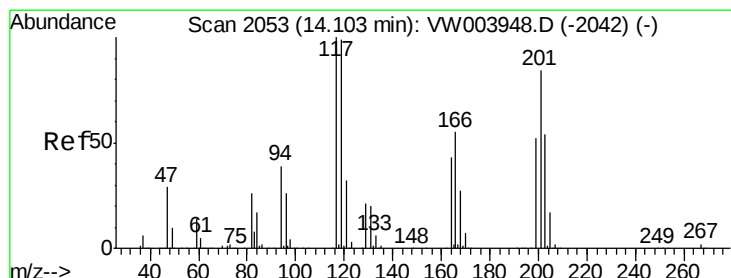
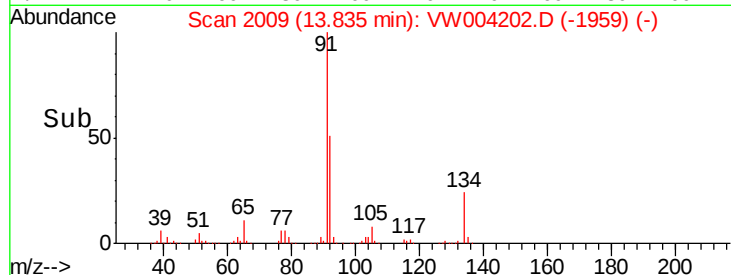
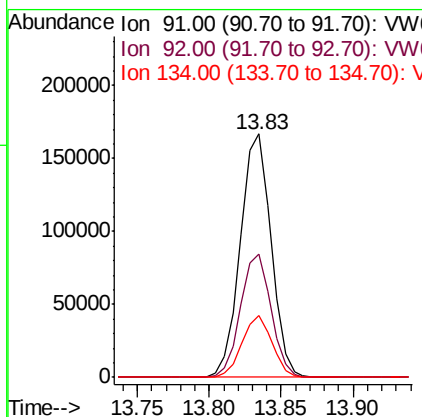
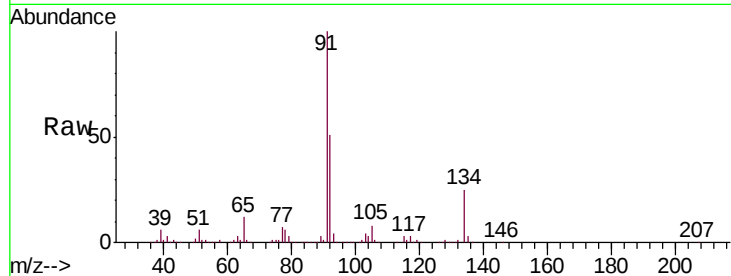
#89
n-Butylbenzene
Concen: 20.92 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.01 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		247420		
92	50.2	26.1	78.3		
134	24.6	12.4	37.4		

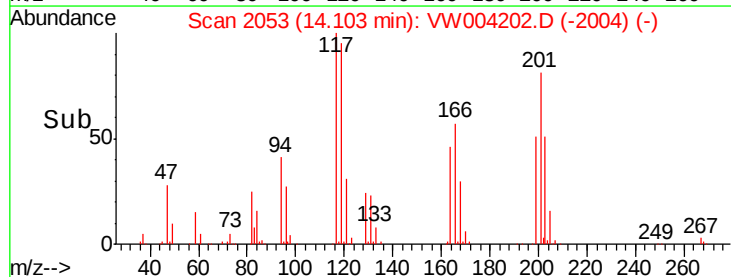
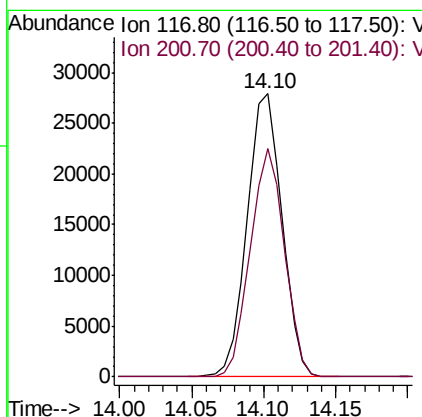
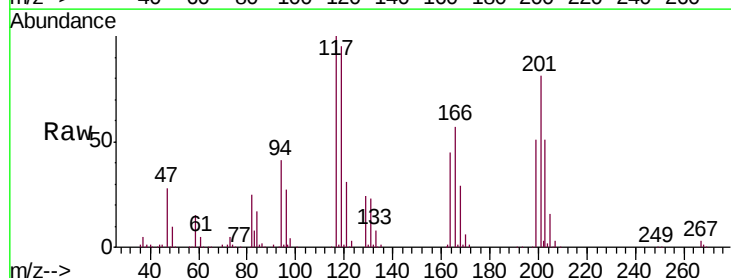
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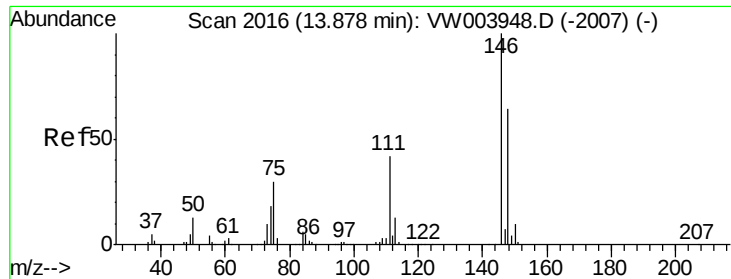
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#90
Hexachloroethane
Concen: 21.12 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		46846		
201	78.5	40.3	120.9		





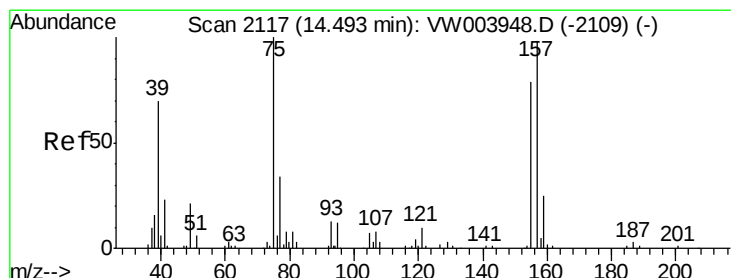
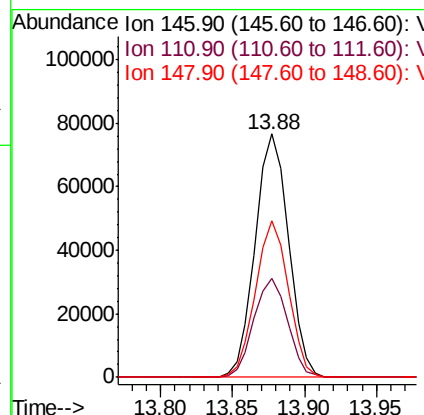
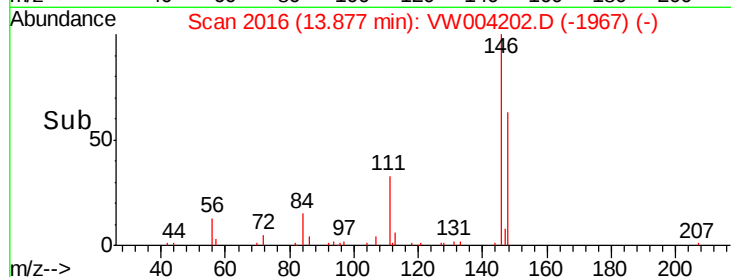
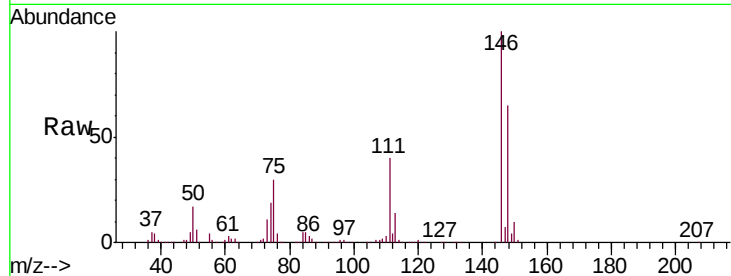
#91
 1,2-Dichlorobenzene
 Concen: 22.05 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW004202.D
 Acq: 25 Jul 2018 19:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0726SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.7	62.1
148	63.5	32.0	96.2

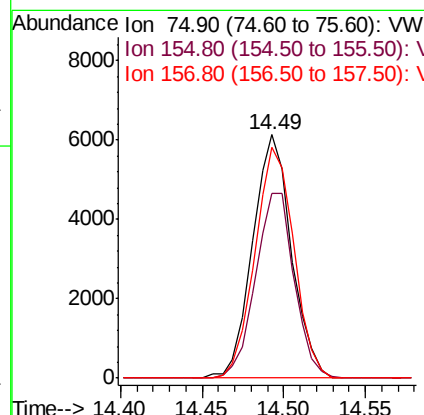
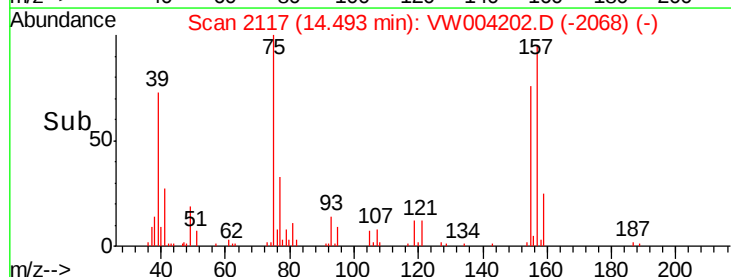
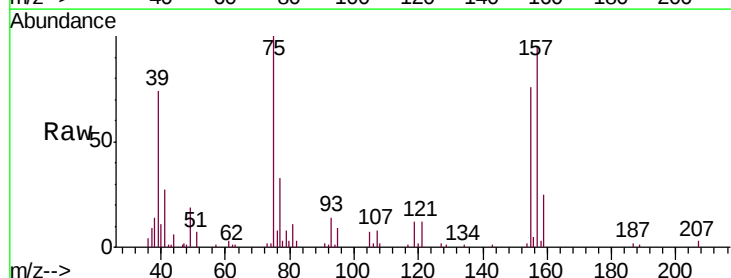
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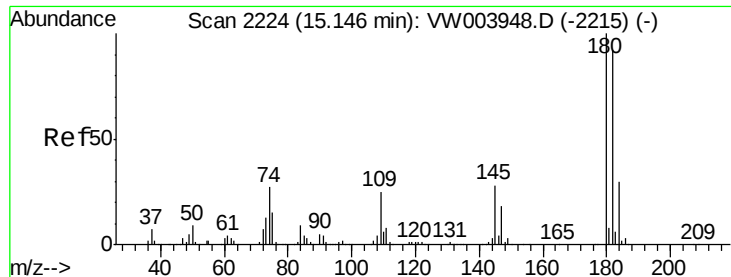
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.52 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW004202.D
 Acq: 25 Jul 2018 19:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.2	39.4	118.1
157	95.0	51.8	155.4





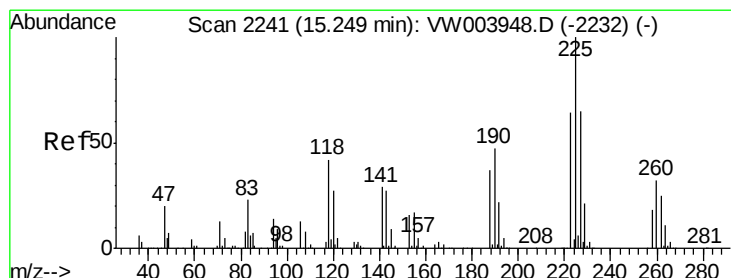
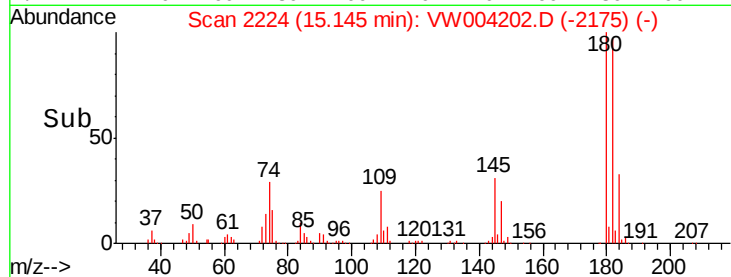
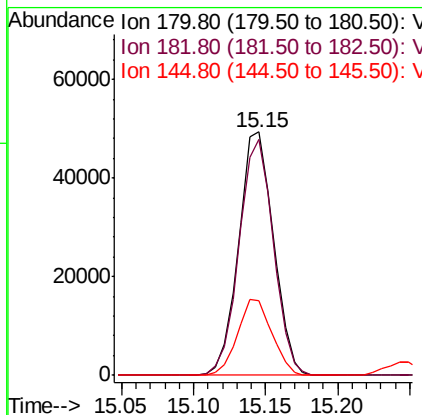
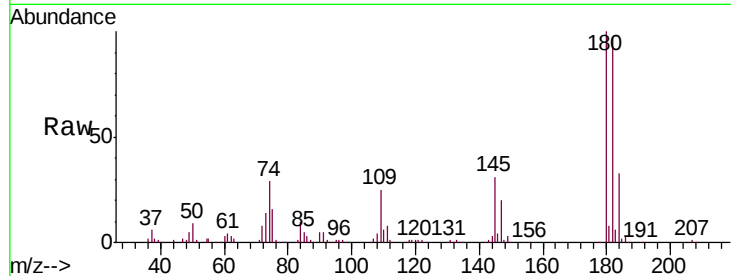
#93
 1,2,4-Trichlorobenzene
 Concen: 21.16 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW004202.D
 Acq: 25 Jul 2018 19:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0726SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	46.9	140.8
145	30.8	15.0	45.0

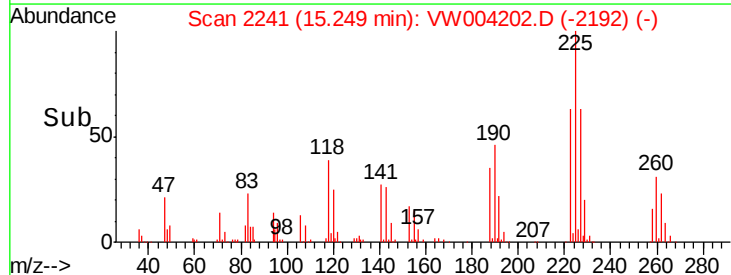
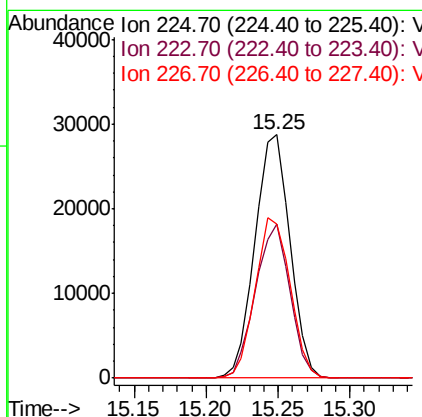
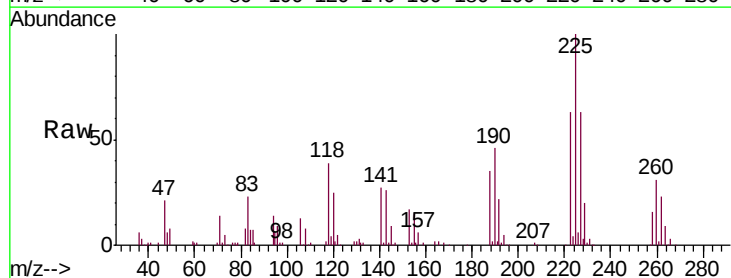
Manual Integrations
 APPROVED

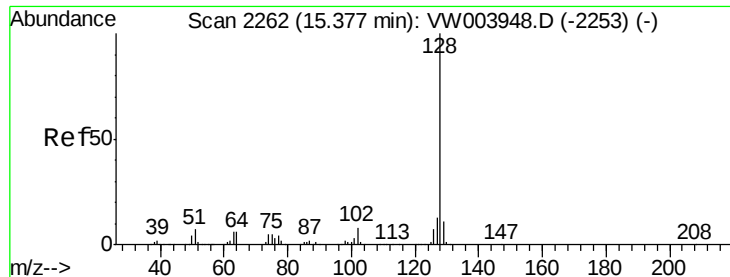
apatel
 7/26/2018 12:28:39 PM



#94
 Hexachlorobutadiene
 Concen: 21.58 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: VW004202.D
 Acq: 25 Jul 2018 19:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	32.0	96.2
227	65.4	32.3	96.9





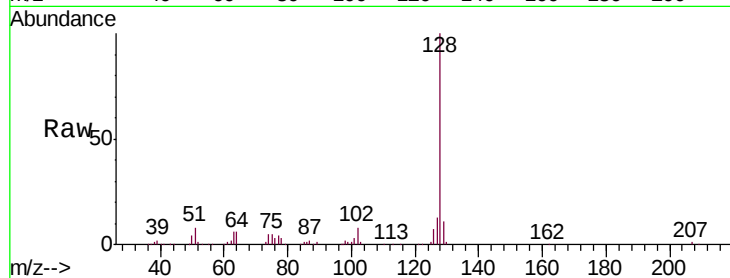
#95
Naphthalene
Concen: 20.76 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.7	16.1
129	11.1	8.7	13.1

Manual Integrations
APPROVED

apatel
7/26/2018 12:28:39 PM

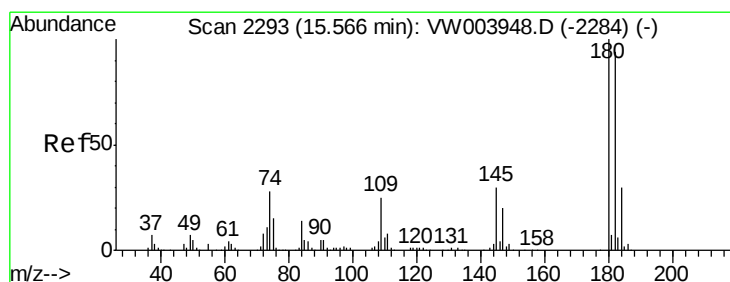
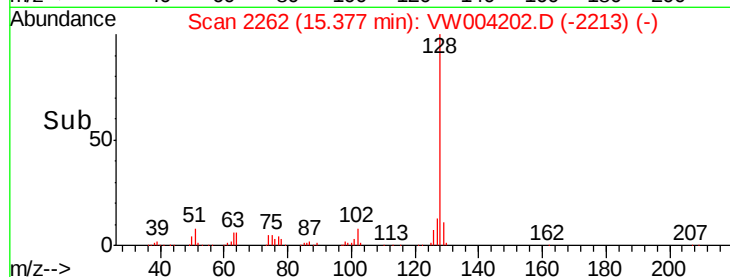
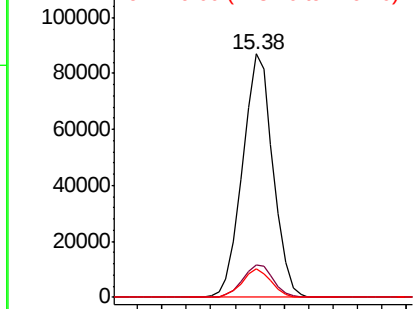


Abundance

Ion 128.00 (127.70 to 128.70): V

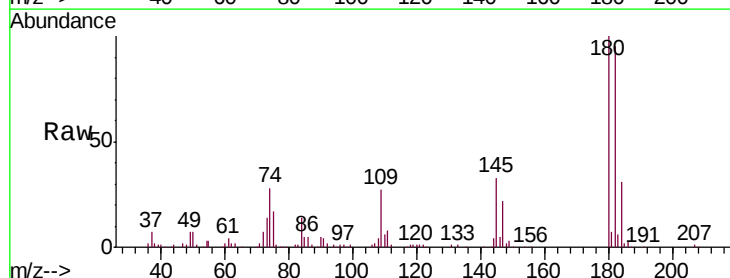
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 21.50 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW004202.D
Acq: 25 Jul 2018 19:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.5	142.6
145	32.0	15.8	47.4



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

