

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
 Data File : VW003479.D
 Acq On : 24 Jun 2018 01:04
 Operator : SY/AP
 Sample : VW0623SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS02

Manual Integrations
 APPROVED

apatel
 6/26/2018 11:09:52 AM

Quant Time: Jun 25 04:30:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	247621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	400032	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	369270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	198924	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	155120	57.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.66%	
35) Dibromofluoromethane	7.88	113	132717	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	
50) Toluene-d8	10.33	98	528810	53.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.30%	
62) 4-Bromofluorobenzene	12.63	95	191406	54.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	20996	28.05	ug/l	97
3) Chloromethane	2.21	50	39528	20.90	ug/l	96
4) Vinyl Chloride	2.36	62	55349	20.07	ug/l	99
5) Bromomethane	2.78	94	37185	20.29	ug/l	91
6) Chloroethane	2.92	64	39386	20.52	ug/l	94
7) Trichlorofluoromethane	3.25	101	34030	20.60	ug/l	99
8) Diethyl Ether	3.68	74	27441	22.61	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	47855	20.86	ug/l	100
10) Methyl Iodide	4.26	142	76747	22.12	ug/l	99
11) Tert butyl alcohol	5.25	59	19776	137.48	ug/l #	95
12) 1,1-Dichloroethene	4.03	96	48100	21.46	ug/l	95
13) Acrolein	3.90	56	17726	86.19	ug/l	95
14) Allyl chloride	4.66	41	84372	21.73	ug/l	100
15) Acrylonitrile	5.38	53	60685	121.55	ug/l	99
16) Acetone	4.14	43	61202	108.80	ug/l	99
17) Carbon Disulfide	4.37	76	140681	21.23	ug/l	99
18) Methyl Acetate	4.68	43	32369	24.26	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	99851	23.78	ug/l	99
20) Methylene Chloride	4.90	84	58530	22.47	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	53016	21.73	ug/l	97
22) Diisopropyl ether	6.32	45	178885	22.89	ug/l	98
23) Vinyl Acetate	6.26	43	517246	114.86	ug/l	100
24) 1,1-Dichloroethane	6.21	63	104159	22.45	ug/l	98
25) 2-Butanone	7.18	43	85992	122.94	ug/l	98
26) 2,2-Dichloropropane	7.17	77	63171	20.40	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	59993	22.39	ug/l	98
28) Bromochloromethane	7.51	49	41307	21.40	ug/l	98
29) Tetrahydrofuran	7.54	42	53009	124.00	ug/l	99
30) Chloroform	7.68	83	106459	22.53	ug/l	99
31) Cyclohexane	7.96	56	89181	20.58	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	83845	21.49	ug/l	99
36) 1,1-Dichloropropene	8.09	75	80930	20.95	ug/l	100
37) Ethyl Acetate	7.26	43	37996	23.74	ug/l	99
38) Carbon Tetrachloride	8.07	117	77936	20.57	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	89356	19.99	ug/l	99
40) Benzene	8.33	78	231836	21.77	ug/l	99
41) Methacrylonitrile	7.49	41	22794	23.21	ug/l	99
42) 1,2-Dichloroethane	8.40	62	74688	22.39	ug/l	99
43) Isopropyl Acetate	8.43	43	72911	22.94	ug/l	99
44) Trichloroethene	9.09	130	59423	21.06	ug/l	96
45) 1,2-Dichloropropane	9.37	63	60275	22.23	ug/l	98
46) Dibromomethane	9.46	93	31031	22.35	ug/l	97
47) Bromodichloromethane	9.65	83	75867	21.32	ug/l	97
48) Methyl methacrylate	9.44	41	34949	23.40	ug/l	98
49) 1,4-Dioxane	9.49	88	10504	501.16	ug/l	96
51) 4-Methyl-2-Pentanone	10.22	43	195141	120.51	ug/l	99
52) Toluene	10.39	92	148770	21.79	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	77902	21.43	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	88075	21.29	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	43961	22.47	ug/l	99
56) Ethyl methacrylate	10.65	69	53209	22.40	ug/l	97
57) 1,3-Dichloropropane	10.94	76	76821	22.77	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	122682	115.21	ug/l	98
59) 2-Hexanone	10.98	43	133343	117.87	ug/l	99
60) Dibromochloromethane	11.13	129	49993	21.49	ug/l	99
61) 1,2-Dibromoethane	11.24	107	41462	22.41	ug/l	100
64) Tetrachloroethene	10.87	164	55848	22.61	ug/l	96
65) Chlorobenzene	11.66	112	163177	21.22	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	56378	20.86	ug/l	100
67) Ethyl Benzene	11.74	91	283451	20.79	ug/l	99
68) m/p-Xylenes	11.85	106	218615	42.19	ug/l	99
69) o-Xylene	12.17	106	102184	21.28	ug/l	99
70) Styrene	12.19	104	170658	21.35	ug/l	99
71) Bromoform	12.35	173	29713	21.22	ug/l #	99
73) Isopropylbenzene	12.47	105	281882	20.37	ug/l	100
74) N-amyl acetate	12.28	43	71204	22.61	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	51391	21.95	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	37297m	21.93	ug/l	
77) Bromobenzene	12.76	156	66015	20.49	ug/l	94
78) n-propylbenzene	12.81	91	350046	20.66	ug/l	100
79) 2-Chlorotoluene	12.90	91	202965	21.20	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	244196	21.03	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	15284	20.68	ug/l	98
82) 4-Chlorotoluene	12.99	91	212166	20.89	ug/l	100
83) tert-Butylbenzene	13.21	119	205158	20.73	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	252189	21.11	ug/l	99
85) sec-Butylbenzene	13.39	105	301905	20.52	ug/l	100
86) p-Isopropyltoluene	13.51	119	264828	20.41	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	137748	20.81	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	135231	20.55	ug/l	98
89) n-Butylbenzene	13.84	91	251813	19.91	ug/l	99
90) Hexachloroethane	14.10	117	48258	20.56	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	124878	21.54	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9250	23.48	ug/l	97

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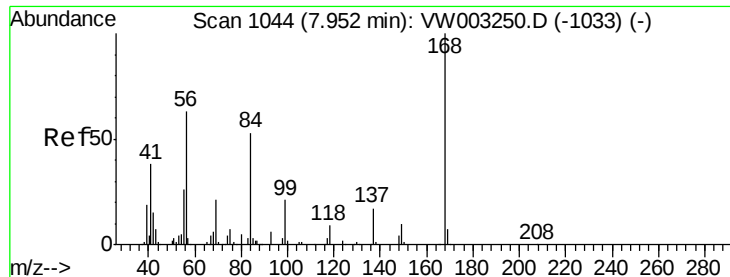
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	84469	20.75	ug/l	100
94) Hexachlorobutadiene	15.25	225	49360	20.16	ug/l	98
95) Naphthalene	15.38	128	152608	22.10	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	76049	21.23	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: VW003479.D

Acq: 24 Jun 2018 01:04

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS02

Tot Ion:168 Resp: 247621

Ion Ratio Lower Upper

168 100

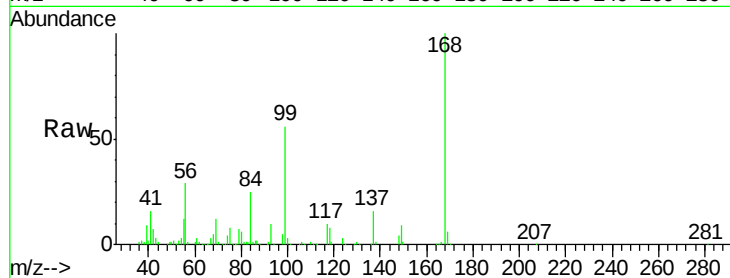
99 56.1 45.5 68.3

Manual Integrations

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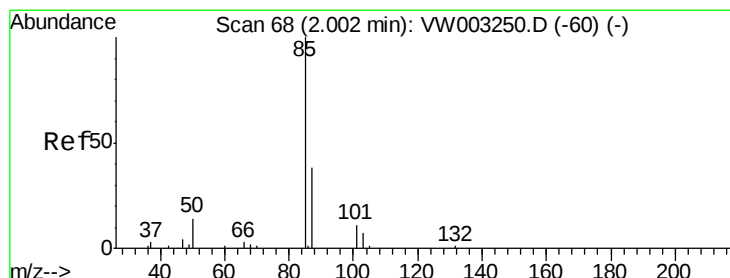
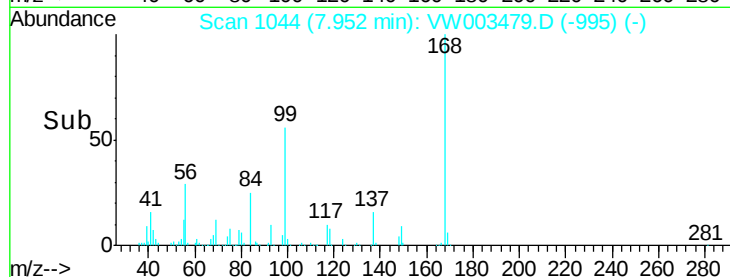
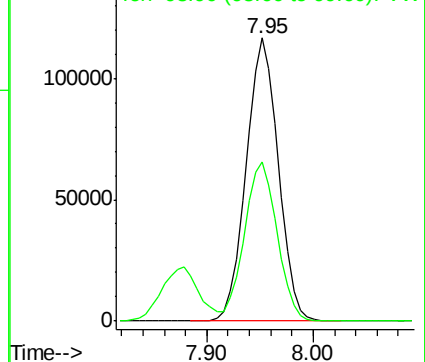
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 28.05 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003479.D

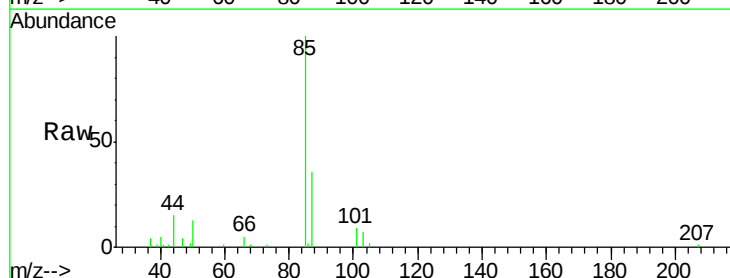
Acq: 24 Jun 2018 01:04

Tgt Ion: 85 Resp: 20996

Ion Ratio Lower Upper

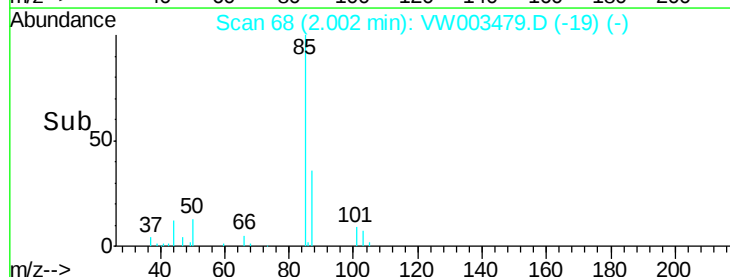
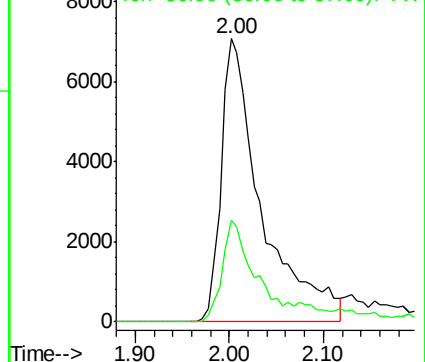
85 100

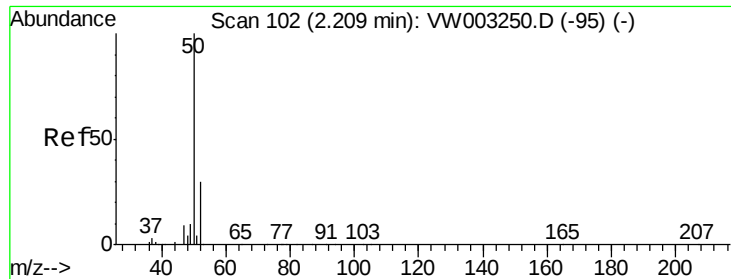
87 35.7 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 20.90 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS02

Tot Ion: 50 Resp: 39528

Ion Ratio Lower Upper

50 100

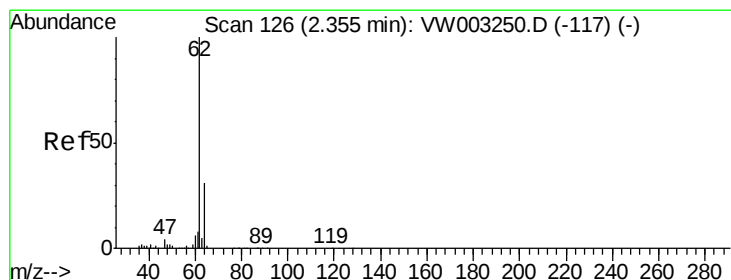
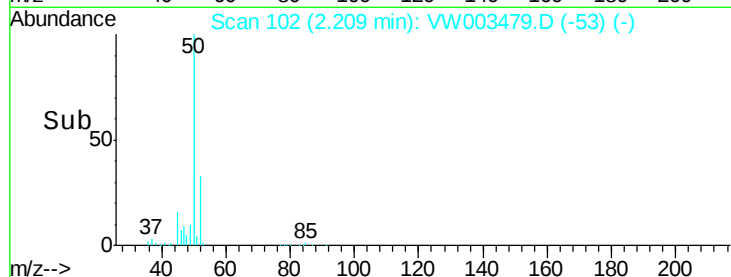
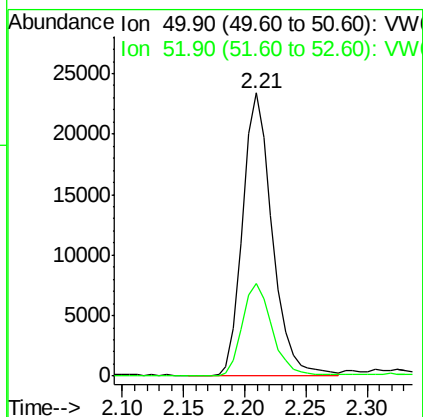
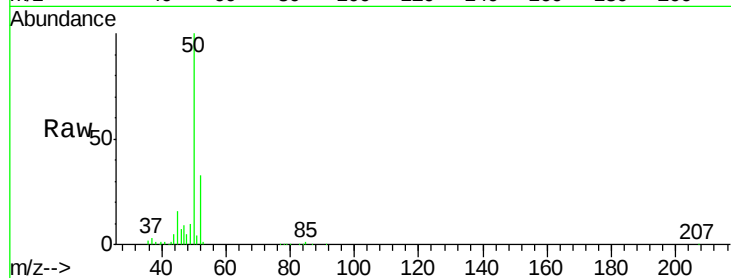
52 32.6 24.2 36.2

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#4

Vinyl Chloride

Concen: 20.07 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003479.D

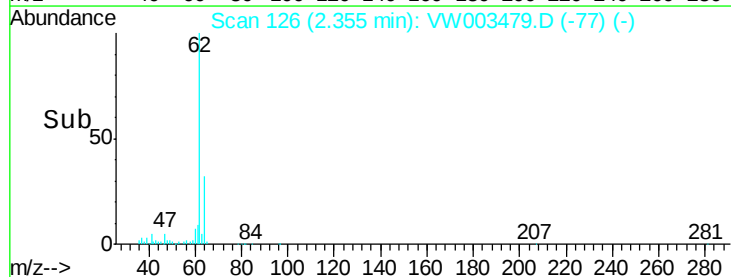
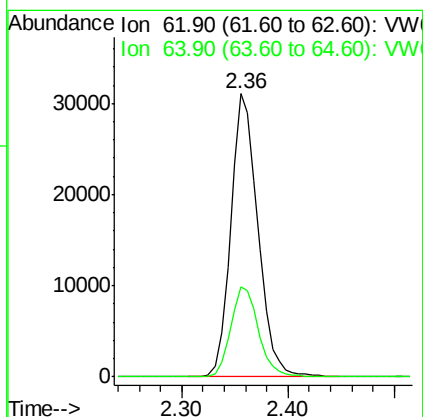
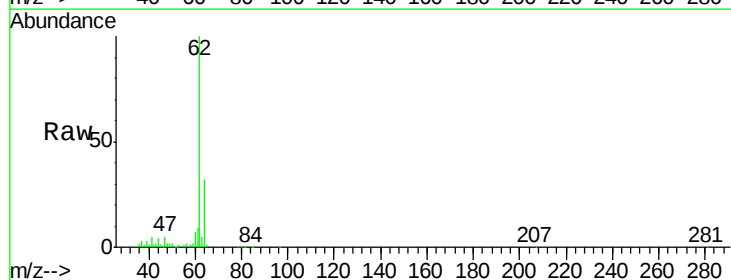
Acq: 24 Jun 2018 01:04

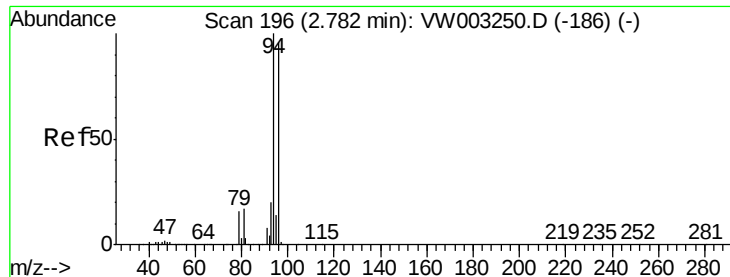
Tgt Ion: 62 Resp: 55349

Ion Ratio Lower Upper

62 100

64 31.8 24.9 37.3





#5

Bromomethane

Concen: 20.29 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Instrument :

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ClientSampleId :

VW0623SBS02

Tot Ion: 94 Resp: 37185

Ion Ratio Lower Upper

94 100

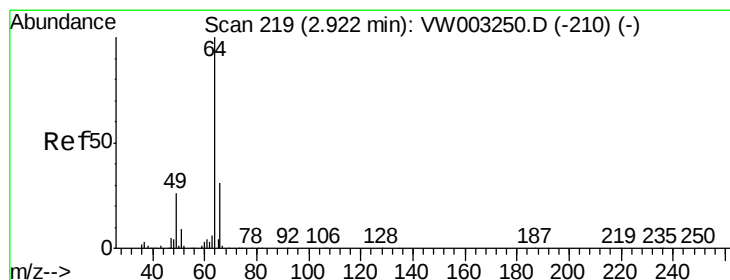
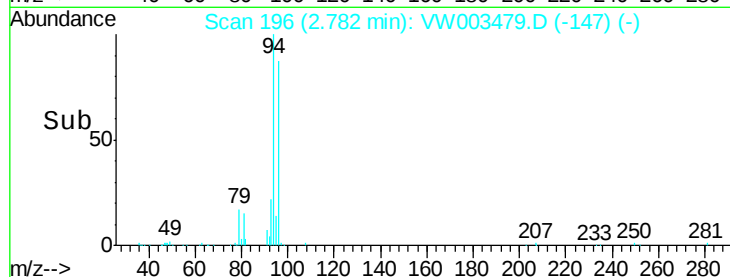
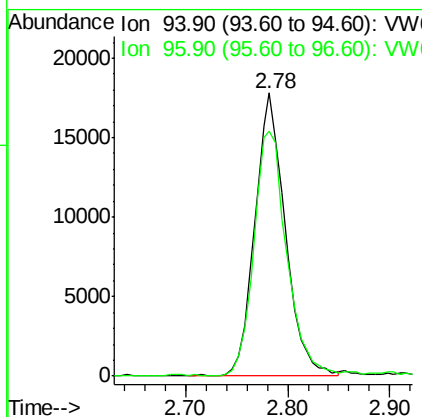
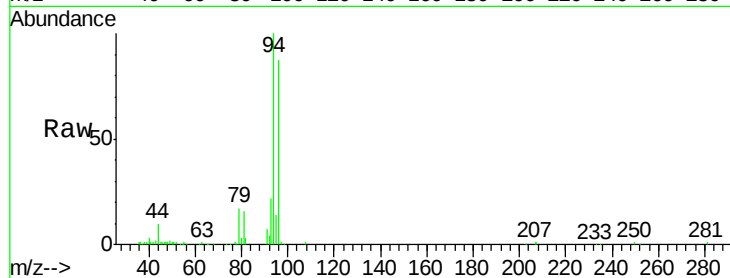
96 86.4 76.5 114.7

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#6

Chloroethane

Concen: 20.52 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003479.D

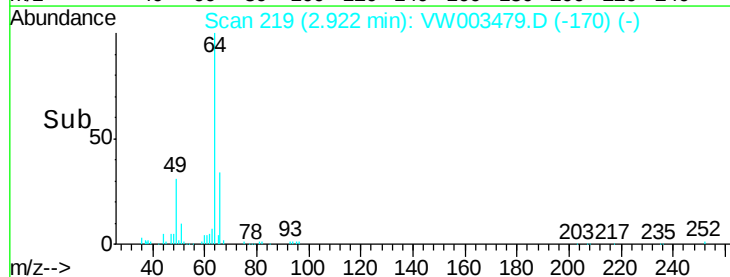
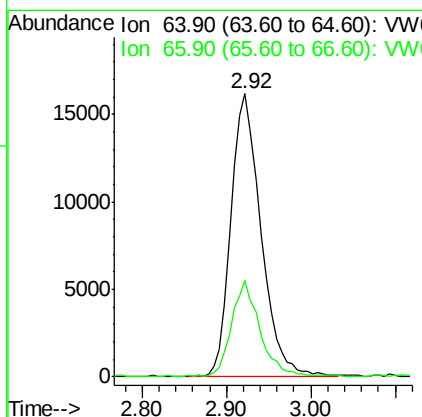
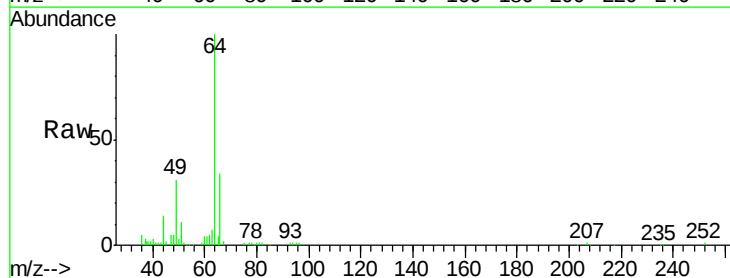
Acq: 24 Jun 2018 01:04

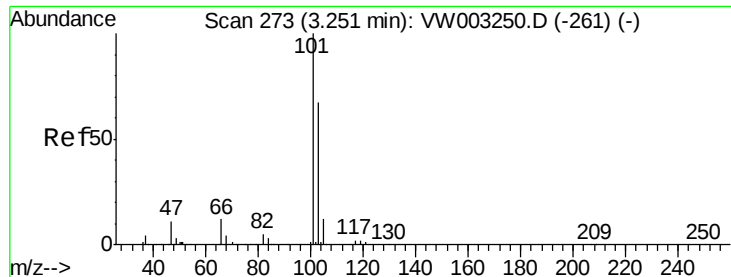
Tgt Ion: 64 Resp: 39386

Ion Ratio Lower Upper

64 100

66 33.8 24.4 36.6





#7

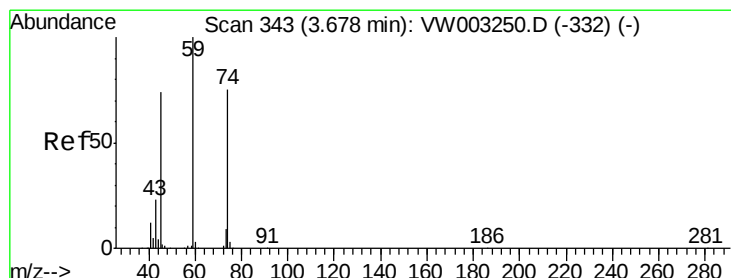
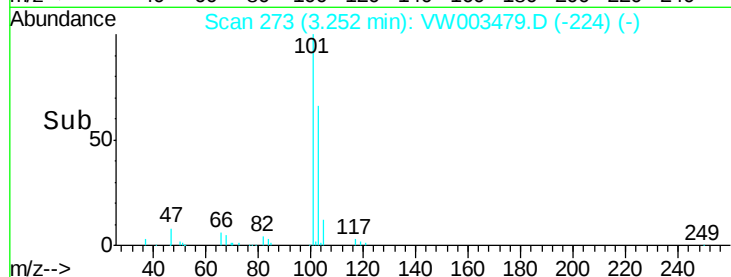
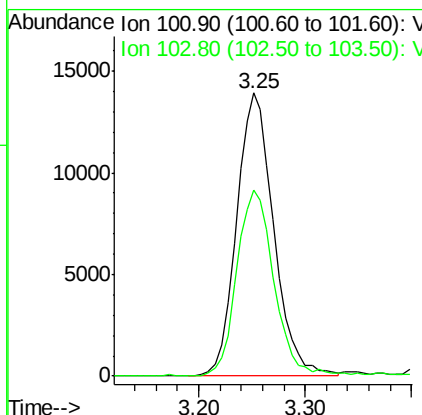
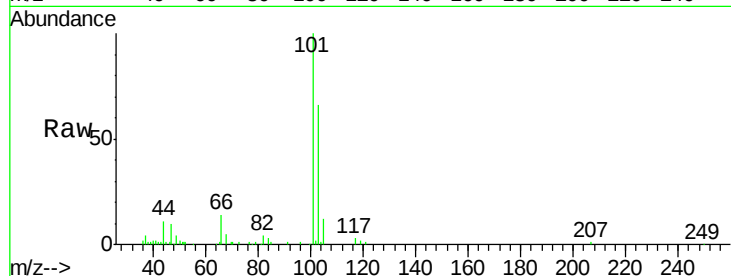
Trichlorofluoromethane
 Concen: 20.60 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.00 min
 Lab File: VW003479.D
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 VW0623SBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.7	53.4	80.0

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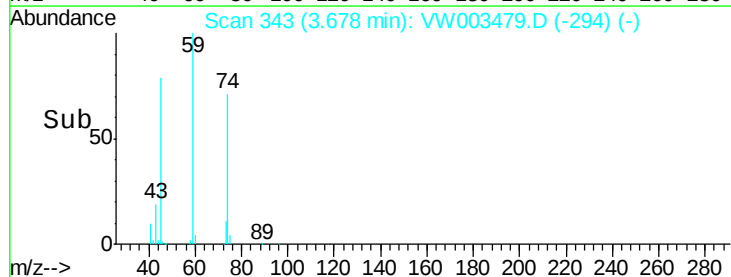
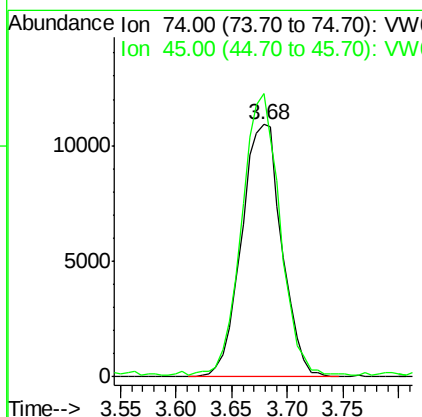
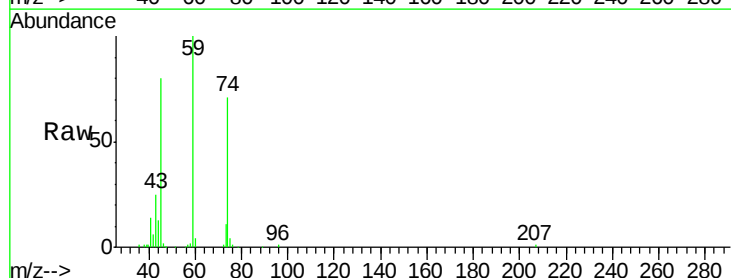
apatel
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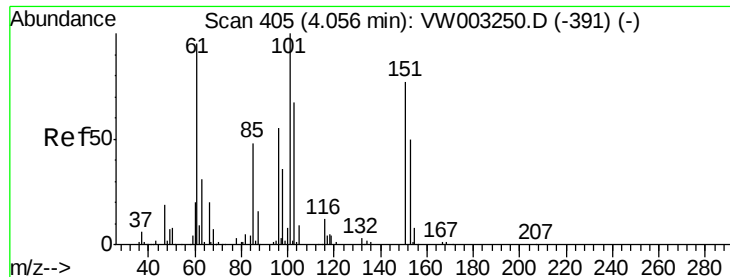


#8

Diethyl Ether
 Concen: 22.61 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VW003479.D
 Acq: 24 Jun 2018 01:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.0	51.4	154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.86 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Instrument :

MSVOA_W

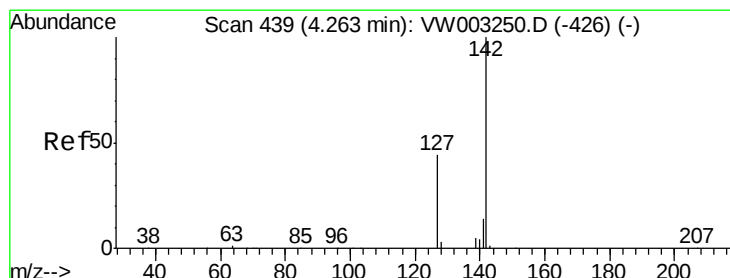
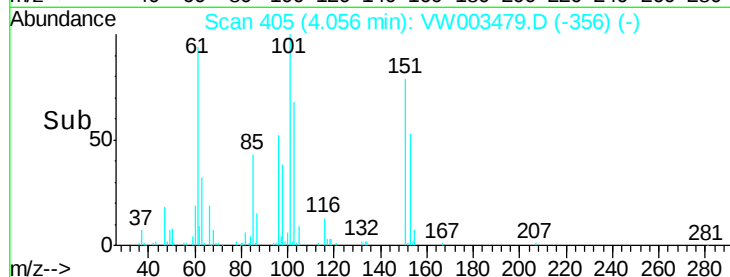
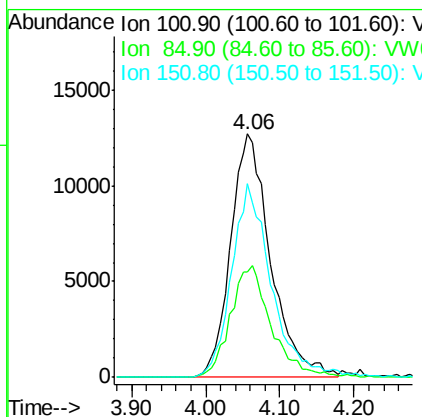
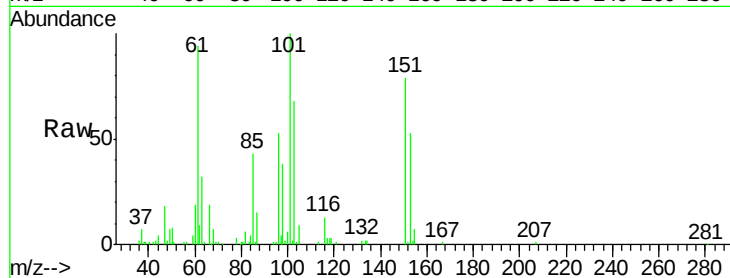
ClientSampleId :

VW0623SBS02

Tot Ion:	101	Resp:	47855
Ion Ratio	Lower	Upper	
101	100		
85	46.4	37.0	55.6
151	79.3	63.3	94.9

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#10

Methyl Iodide

Concen: 22.12 ug/l

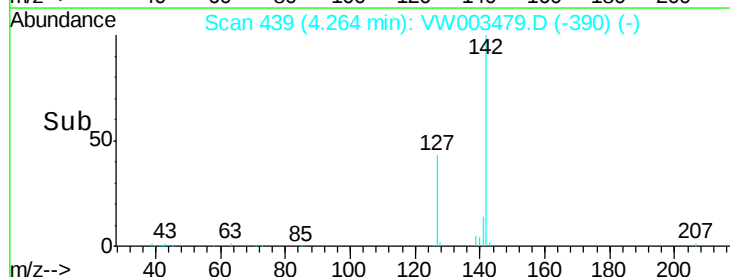
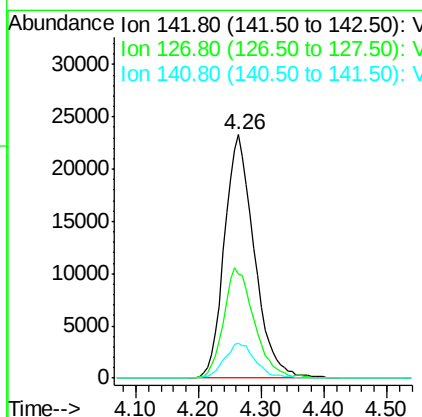
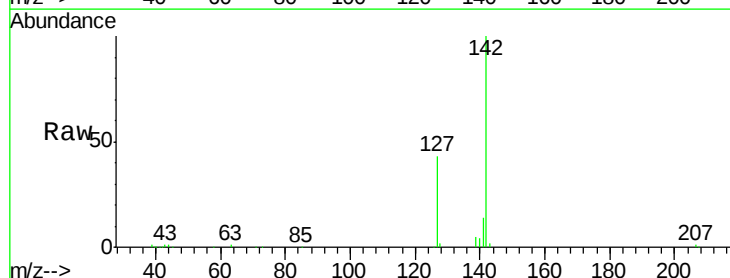
RT: 4.26 min Scan# 439

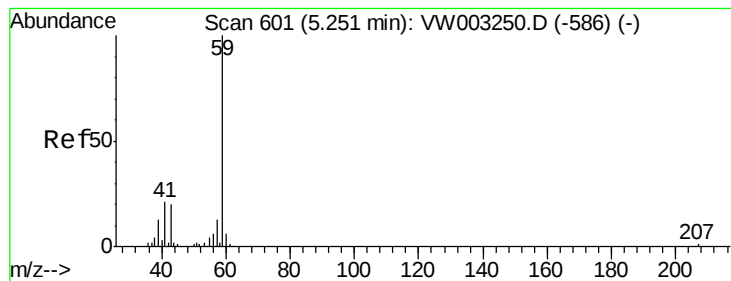
Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Tgt Ion:	142	Resp:	76747
Ion Ratio	Lower	Upper	
142	100		
127	46.3	36.5	54.7
141	14.7	12.1	18.1





#11

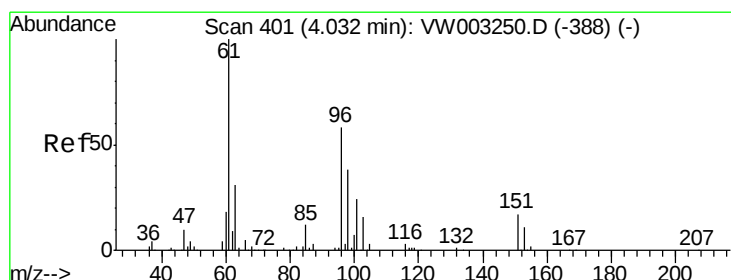
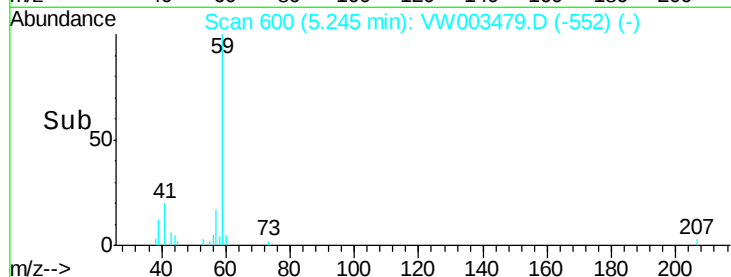
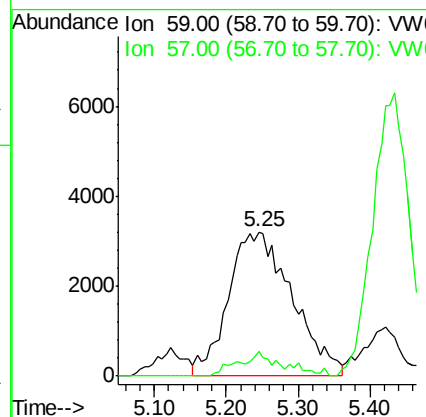
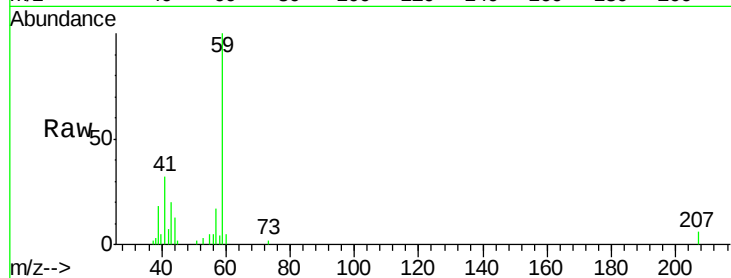
Tert butyl alcohol
Concen: 137.48 ug/l
RT: 5.25 min Scan# 600
Delta R.T. -0.01 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS02

Tot Ion	59	57	Ratio	100	3.7	Resp	19776	Lower	4.2	Upper	6.2#

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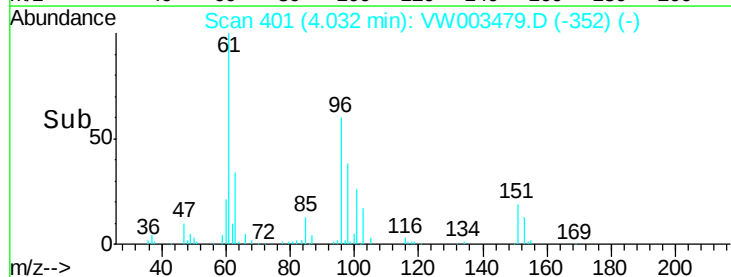
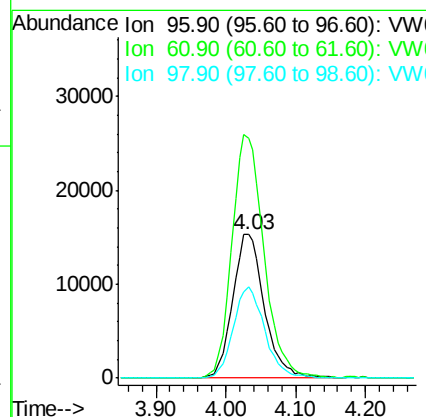
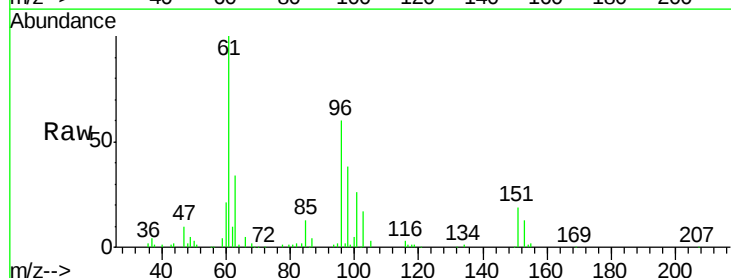
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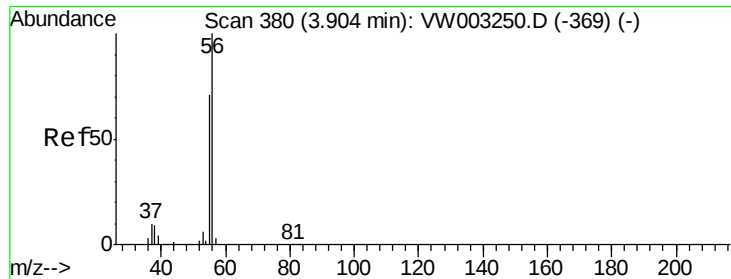


#12

1,1-Dichloroethene
Concen: 21.46 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Tgt Ion	96	61	98	Ratio	100	167.0	63.6	Resp	48100	Lower	139.0	53.3	Upper	208.4	79.9





#13

Acrolein

Concen: 86.19 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS02

Tot Ion: 56 Resp: 17726

Ion Ratio Lower Upper

56 100

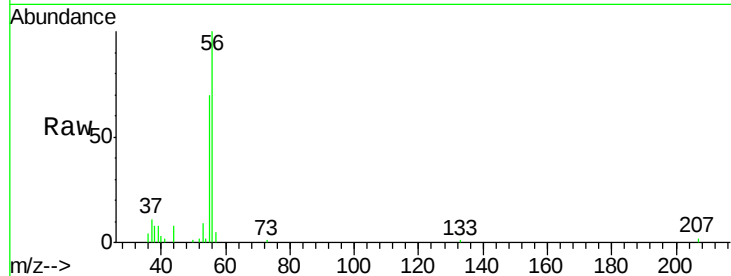
55 73.7 55.4 83.2

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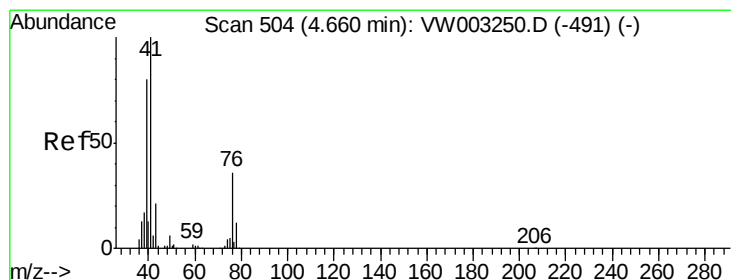
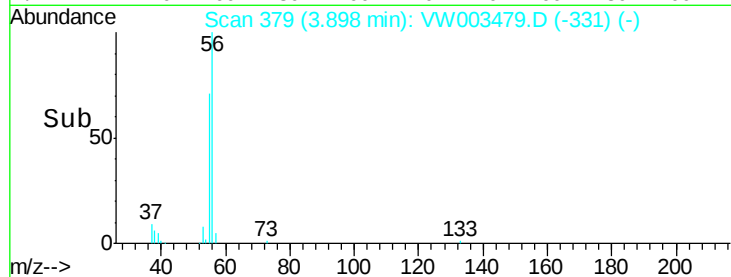
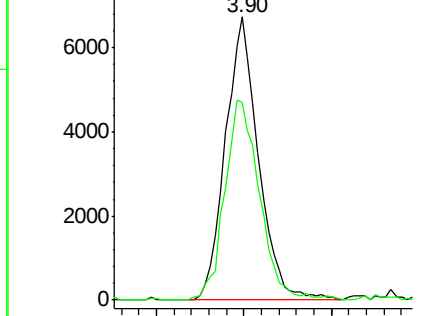
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 21.73 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

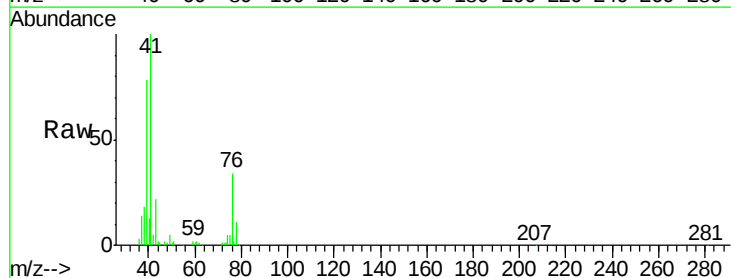
Tgt Ion: 41 Resp: 84372

Ion Ratio Lower Upper

41 100

39 78.7 63.2 94.8

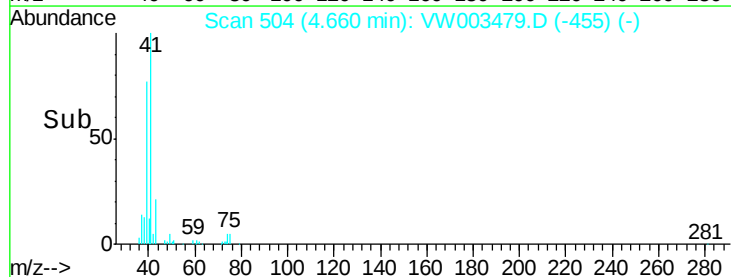
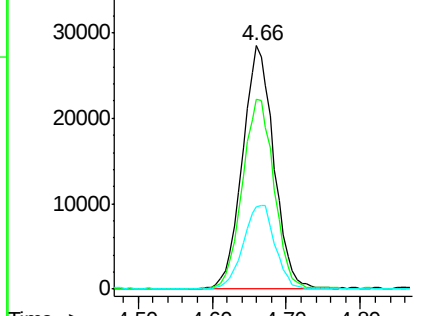
76 34.8 28.0 42.0

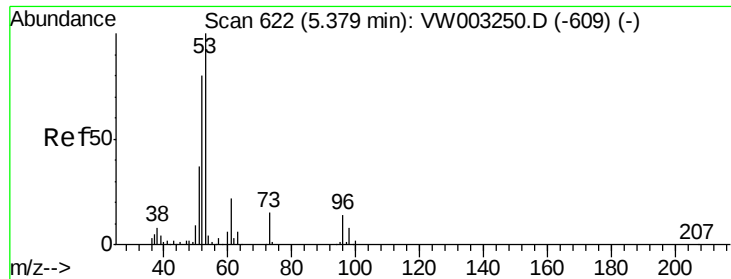


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 121.55 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Instrument :

MSVOA_W

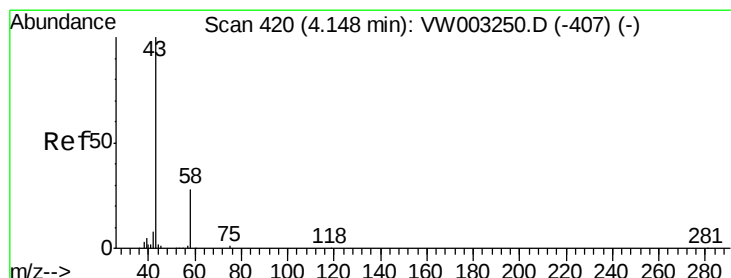
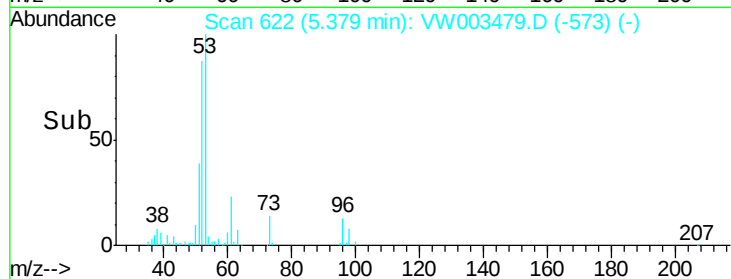
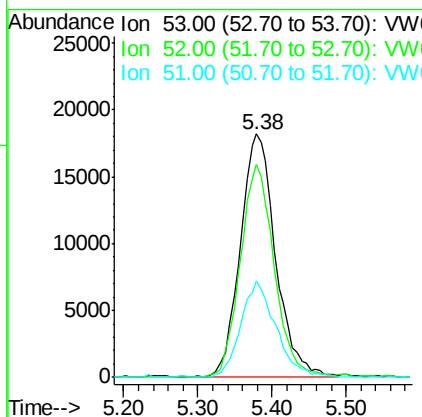
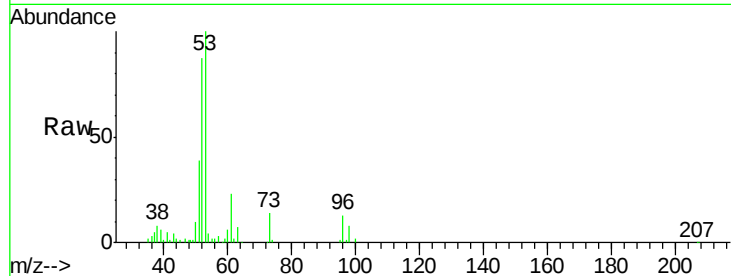
ClientSampleId :

VW0623SBS02

Tot Ion:	53	Resp:	60685
Ion	Ratio	Lower	Upper
53	100		
52	83.9	66.6	100.0
51	39.4	30.6	46.0

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#16

Acetone

Concen: 108.80 ug/l

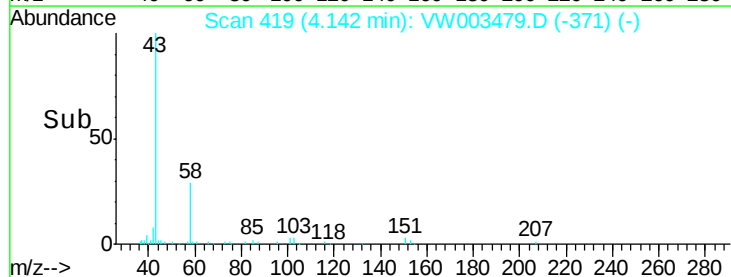
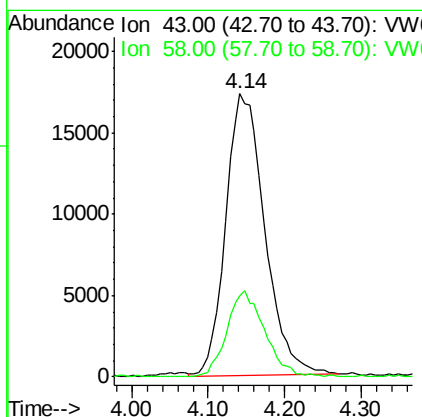
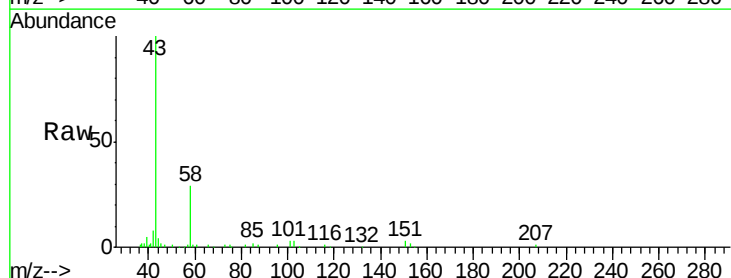
RT: 4.14 min Scan# 419

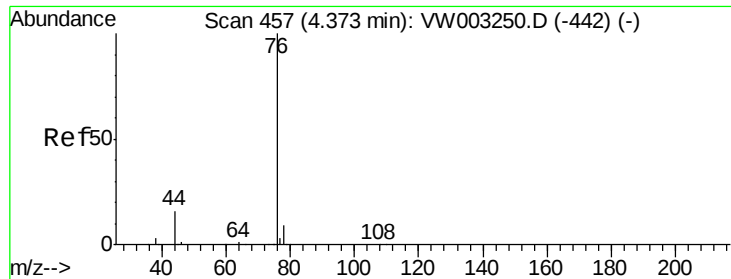
Delta R.T. -0.01 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Tgt Ion:	43	Resp:	61202
Ion	Ratio	Lower	Upper
43	100		
58	29.0	22.6	34.0





#17

Carbon Disulfide

Concen: 21.23 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS02

Tot Ion: 76 Resp: 140681

Ion Ratio Lower Upper

76 100

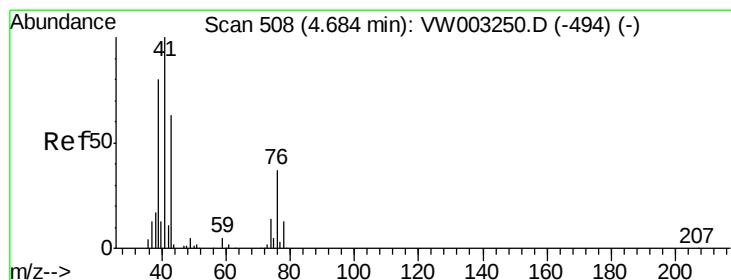
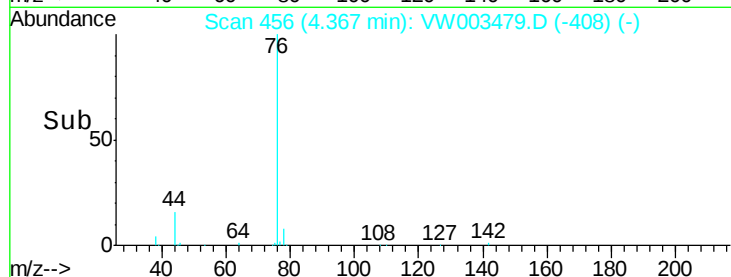
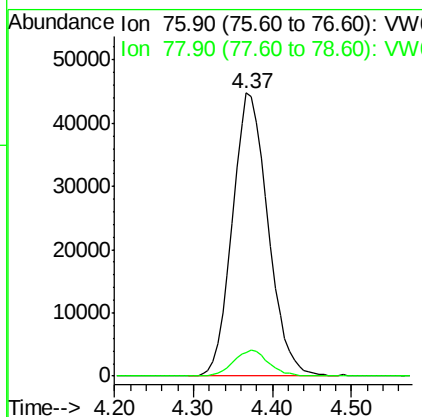
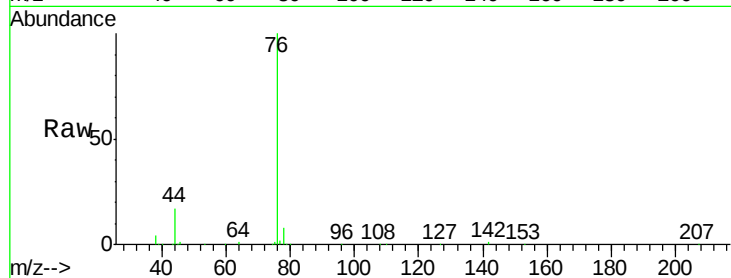
78 8.5 7.1 10.7

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#18

Methyl Acetate

Concen: 24.26 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW003479.D

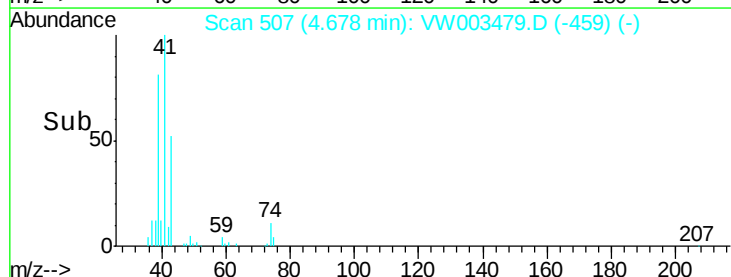
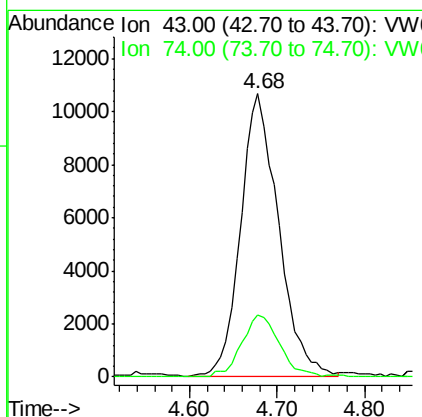
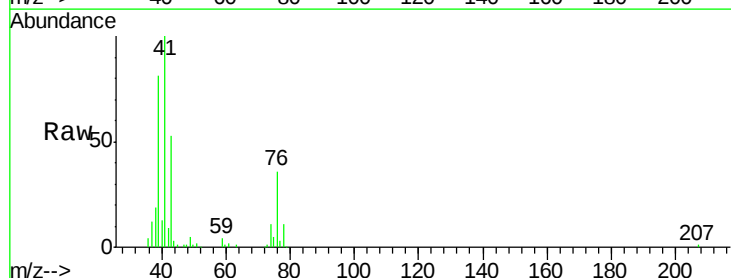
Acq: 24 Jun 2018 01:04

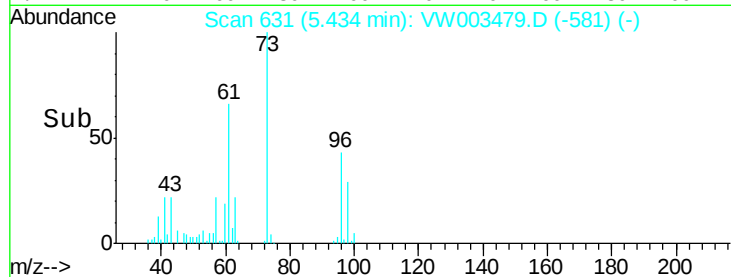
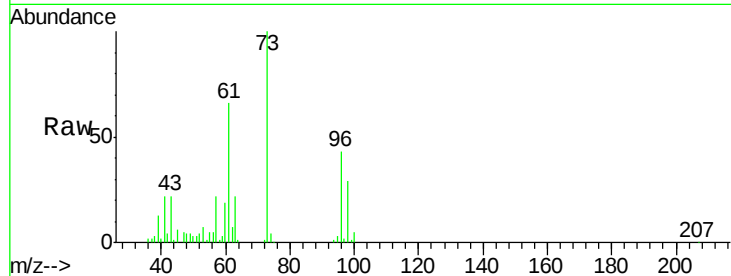
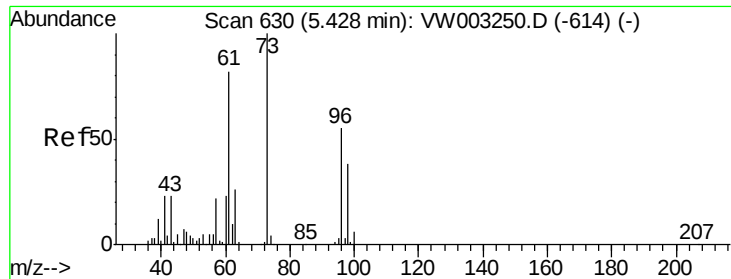
Tgt Ion: 43 Resp: 32369

Ion Ratio Lower Upper

43 100

74 21.4 18.7 28.1





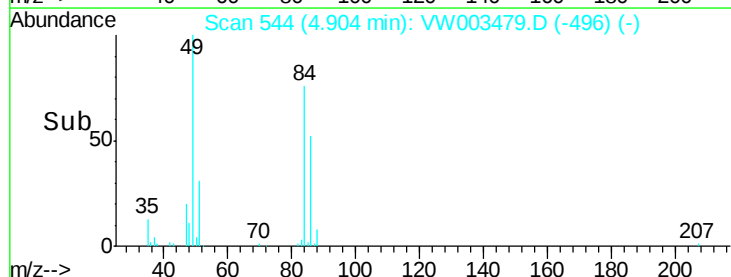
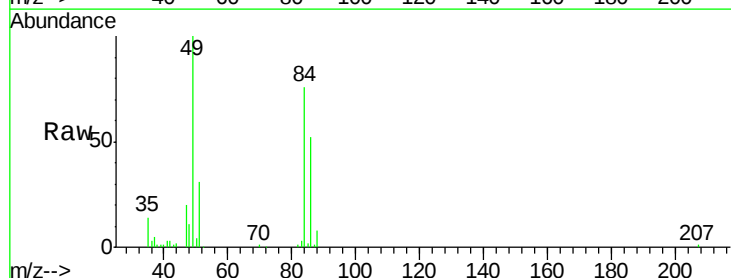
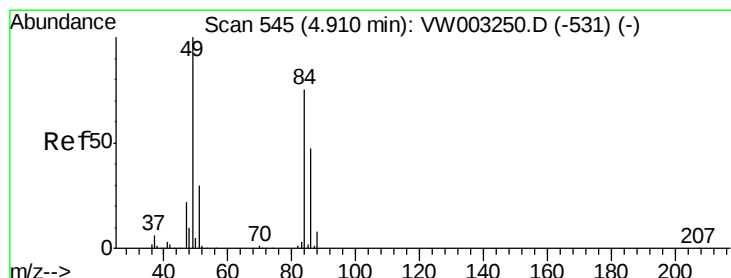
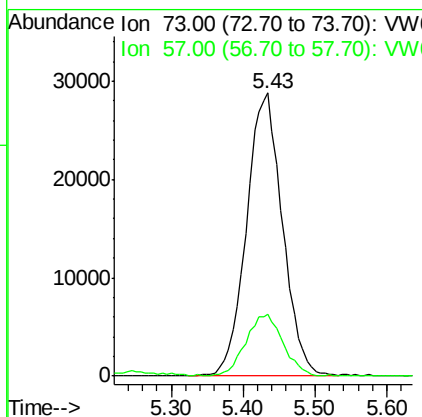
#19
Methvl tert-butvl Ether
Concen: 23.78 ug/l
RT: 5.43 min Scan# 631
Delta R.T. 0.01 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Tot Ion: 73 Resp: 99851
Ion Ratio Lower Upper
73 100
57 21.9 18.0 27.0

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS02

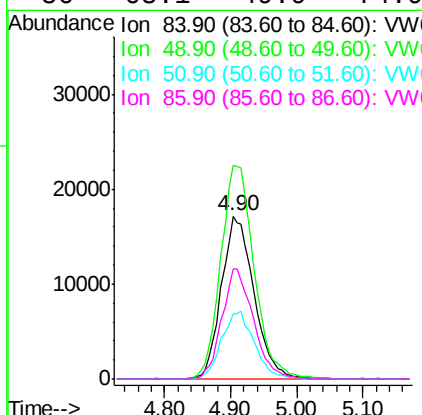
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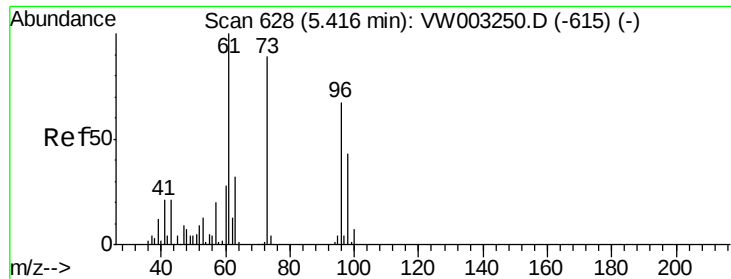
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#20
Methylene Chloride
Concen: 22.47 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Tgt Ion: 84 Resp: 58530
Ion Ratio Lower Upper
84 100
49 131.4 106.3 159.5
51 40.2 32.0 48.0
86 68.1 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 21.73 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Instrument :

MSVOA_W

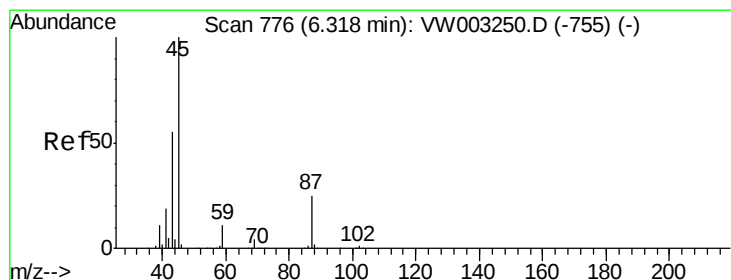
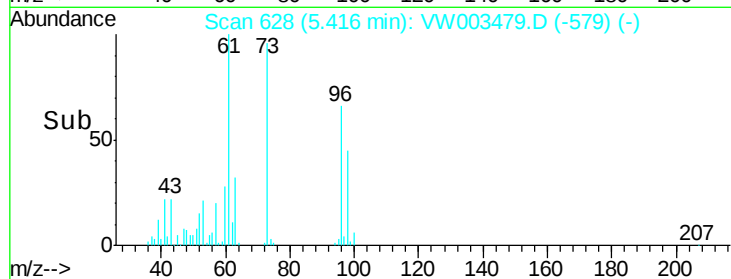
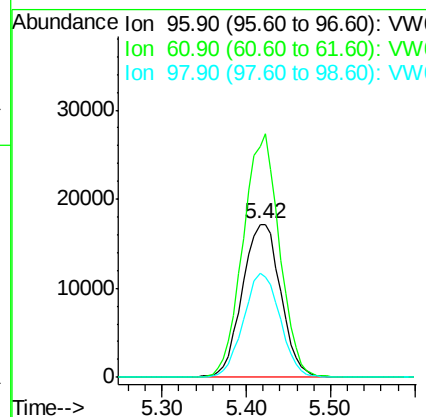
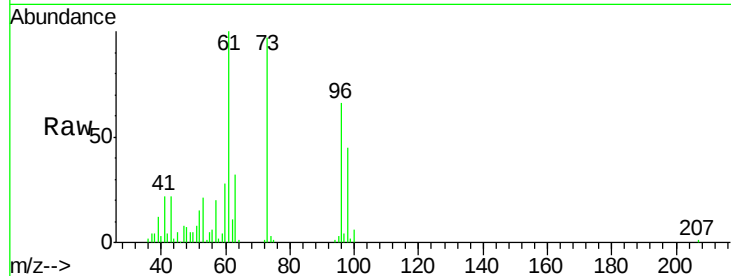
ClientSampleId :

VW0623SBS02

Tot Ion:	96	Resp:	53016
Ion	Ratio	Lower	Upper
96	100		
61	150.6	118.7	178.1
98	67.7	51.0	76.6

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#22

Diisopropyl ether

Concen: 22.89 ug/l

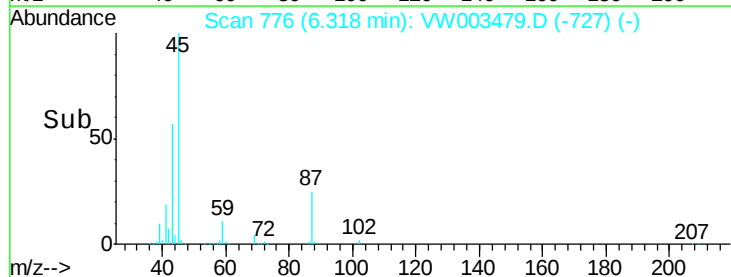
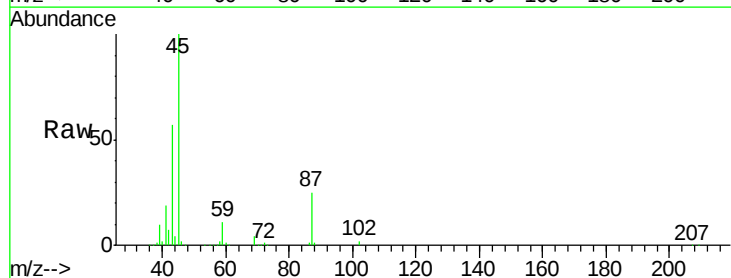
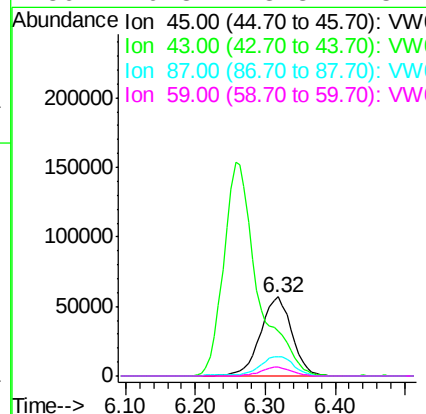
RT: 6.32 min Scan# 776

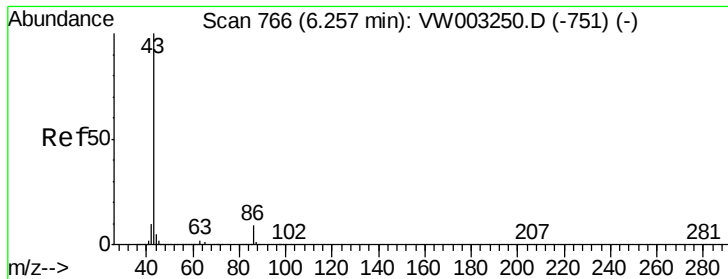
Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Tgt Ion:	45	Resp:	178885
Ion	Ratio	Lower	Upper
45	100		
43	56.7	44.0	66.0
87	25.1	20.6	31.0
59	10.8	8.8	13.2





#23

Vinyl Acetate

Concen: 114.86 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Tot Ion: 43 Resp: 517246

Ion Ratio Lower Upper

43 100

86 9.2 7.5 11.3

Instrument :

MSVOA_W

ClientSampleId :

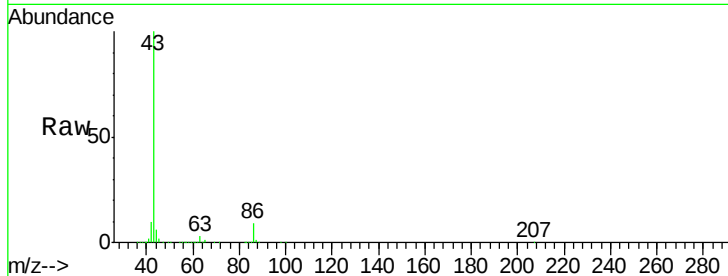
VW0623SBS02

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

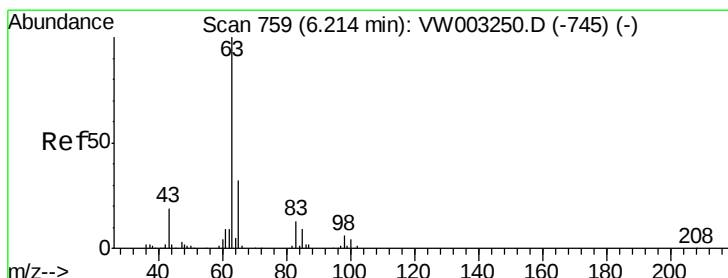
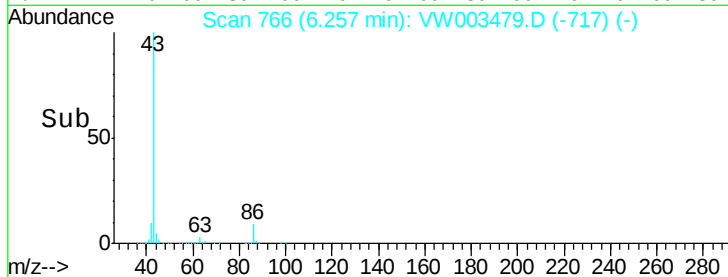
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 22.45 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

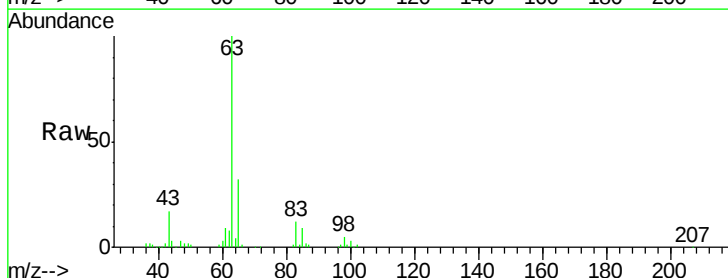
Tgt Ion: 63 Resp: 104159

Ion Ratio Lower Upper

63 100

98 5.3 2.8 8.3

100 3.1 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

40000

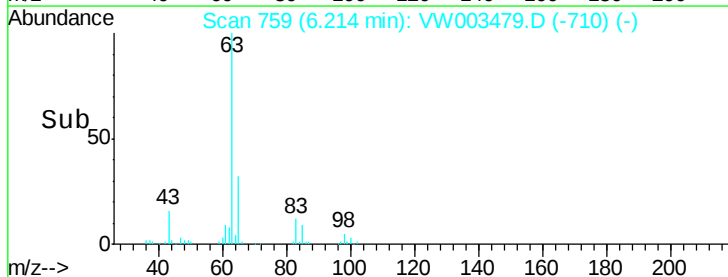
30000

20000

10000

0

Time-->





#25

2-Butanone

Concen: 122.94 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS02

Tot Ion: 43 Resp: 85992

Ion Ratio Lower Upper

43 100

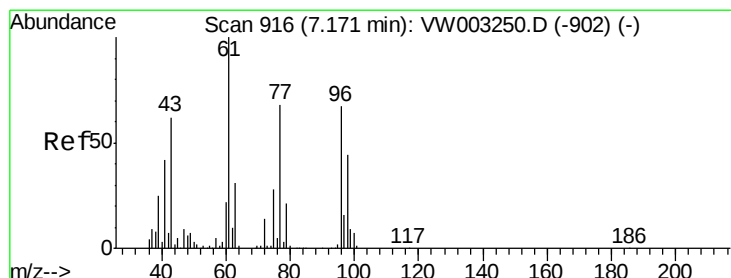
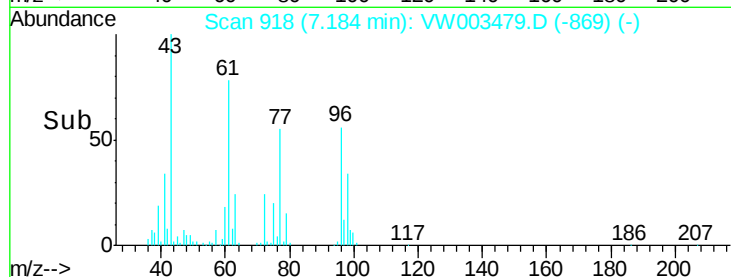
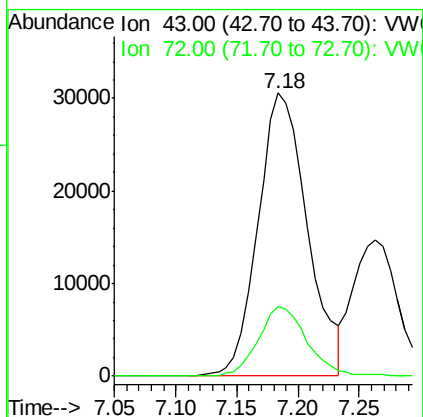
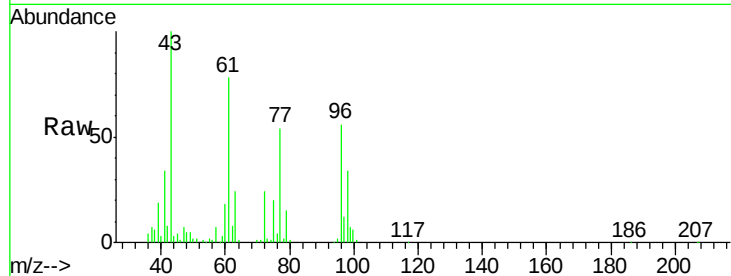
72 24.4 20.3 30.5

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#26

2,2-Dichloropropane

Concen: 20.40 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003479.D

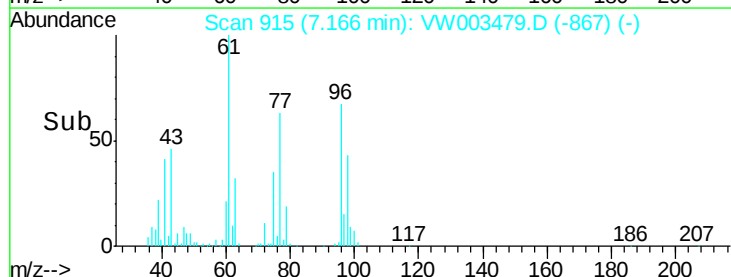
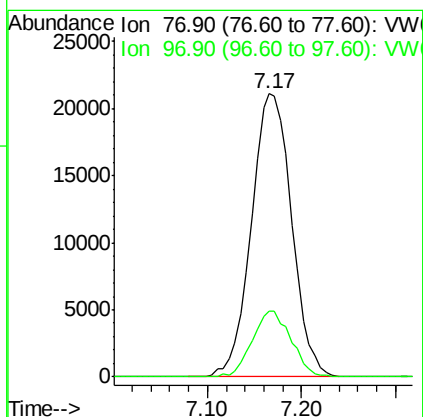
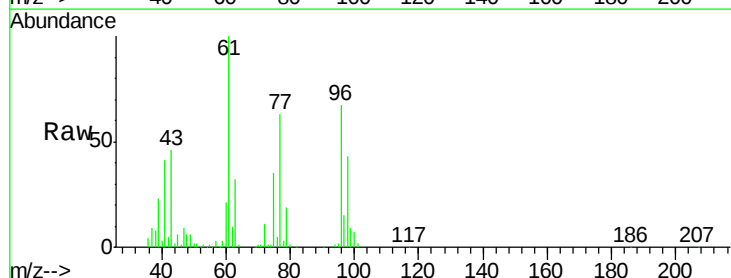
Acq: 24 Jun 2018 01:04

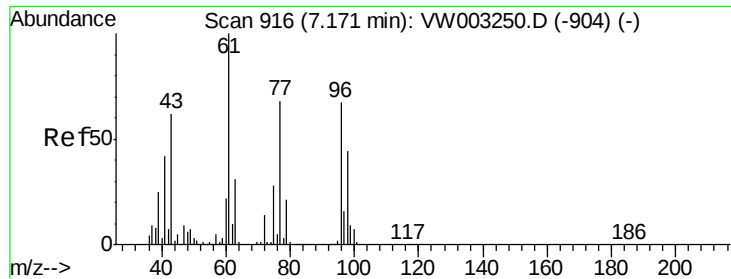
Tgt Ion: 77 Resp: 63171

Ion Ratio Lower Upper

77 100

97 22.6 11.3 33.9





#27

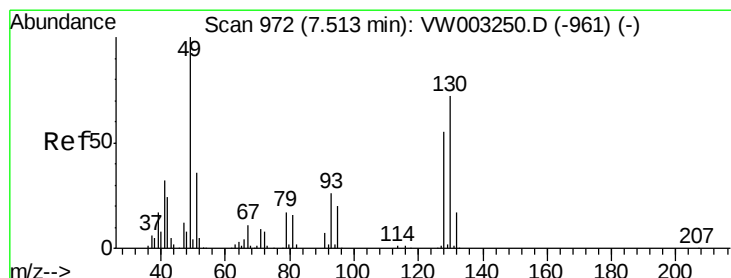
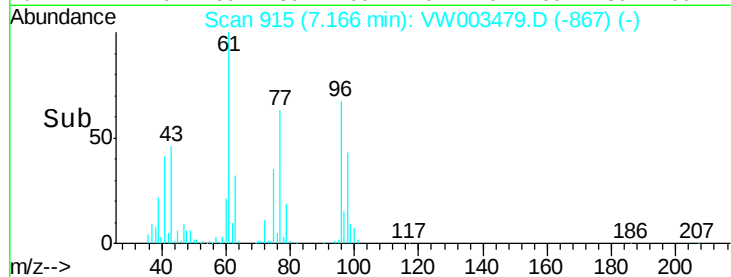
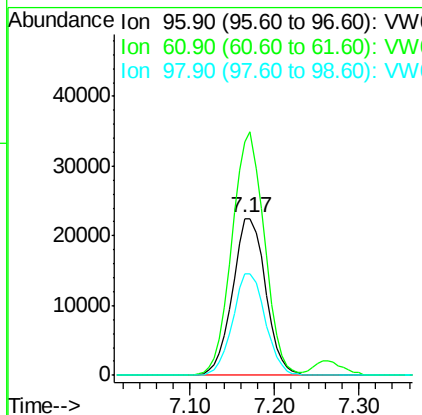
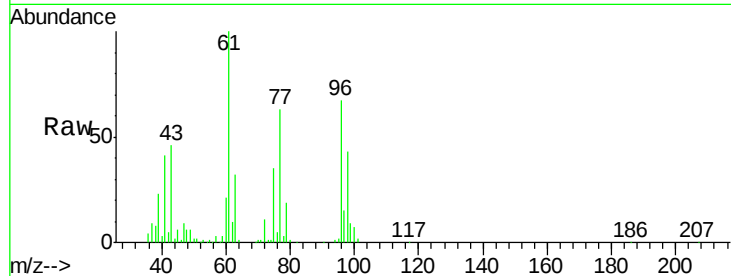
cis-1,2-Dichloroethene
Concen: 22.39 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	59993		
61	151.5		0.0	298.8
98	63.7		0.0	130.4

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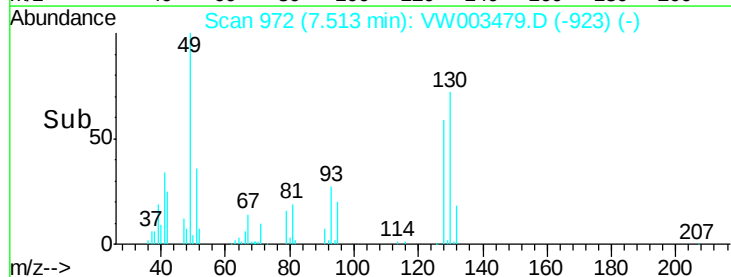
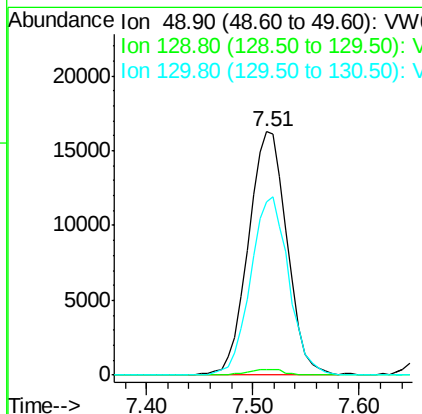
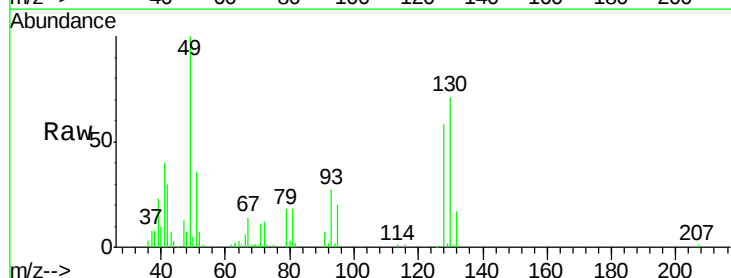
apatel
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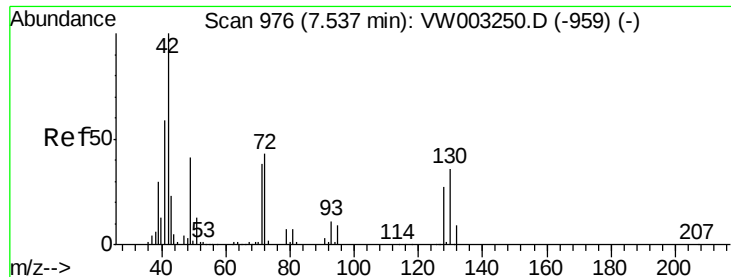


#28

Bromochloromethane
Concen: 21.40 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	41307		
129	2.2		0.0	4.6
130	72.5		59.4	89.2





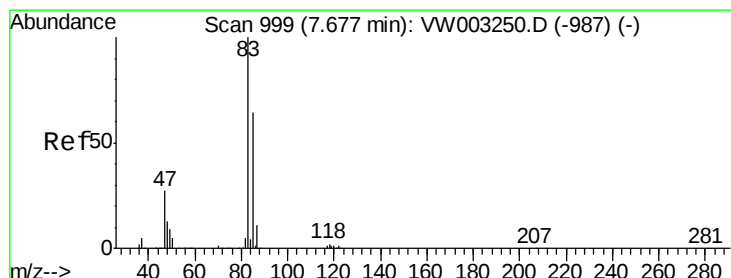
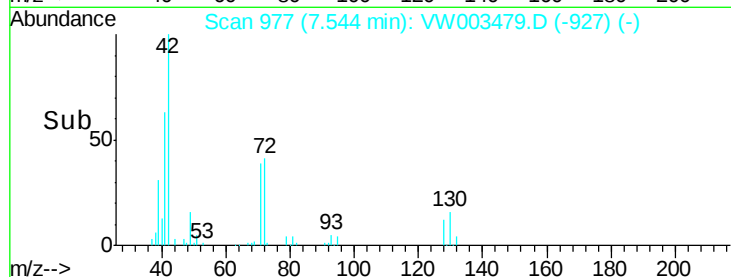
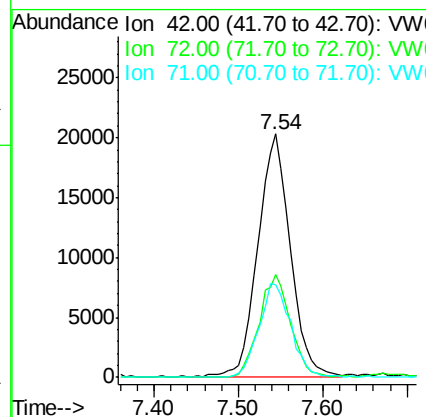
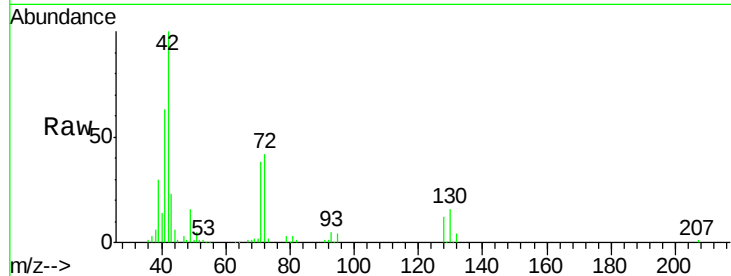
#29
Tetrahydrofuran
Concen: 124.00 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.0	32.4	48.6
71	38.6	31.2	46.8

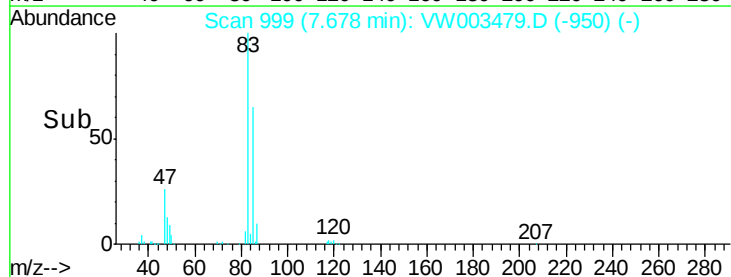
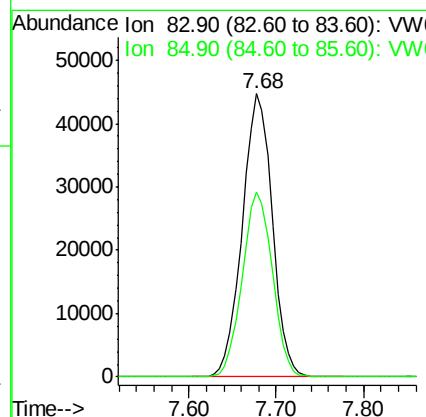
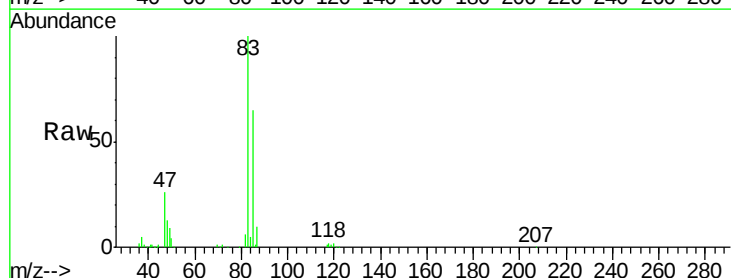
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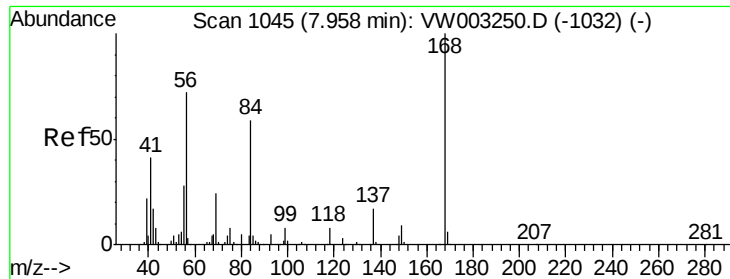
apatel
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#30
Chloroform
Concen: 22.53 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.3	76.9





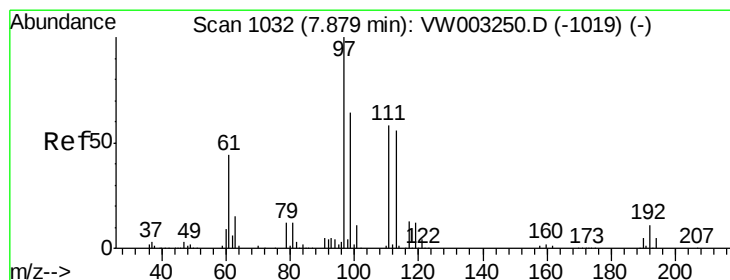
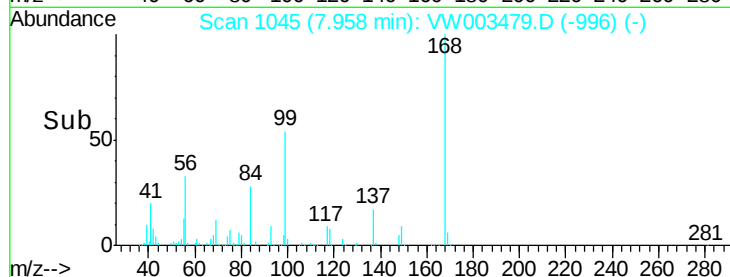
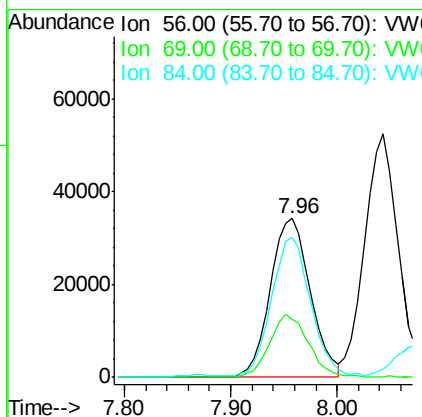
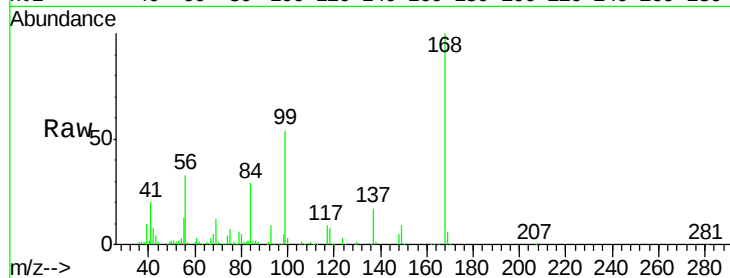
#31
Cyclohexane
Concen: 20.58 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.3	26.3	39.5
84	87.1	65.7	98.5

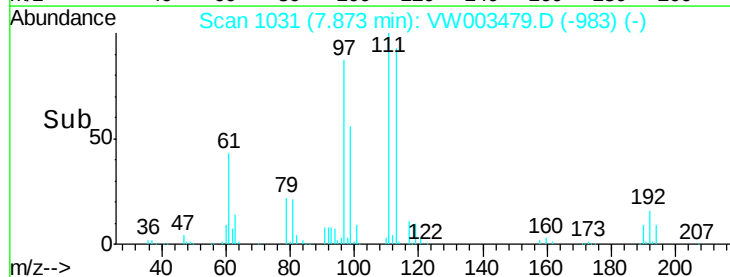
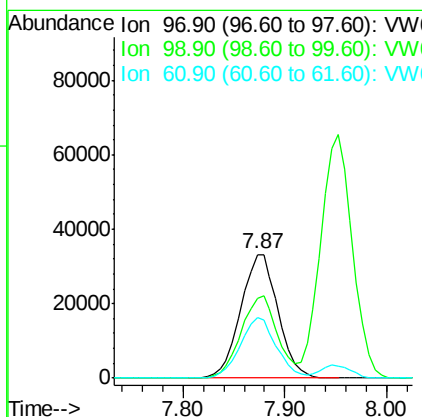
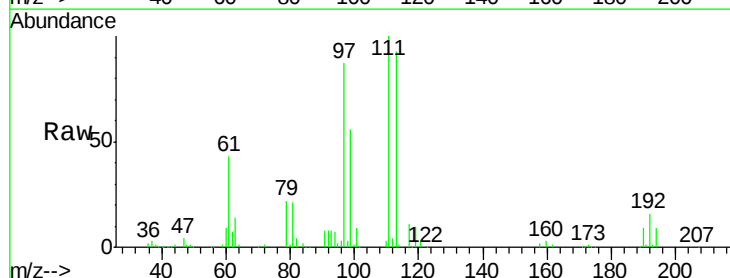
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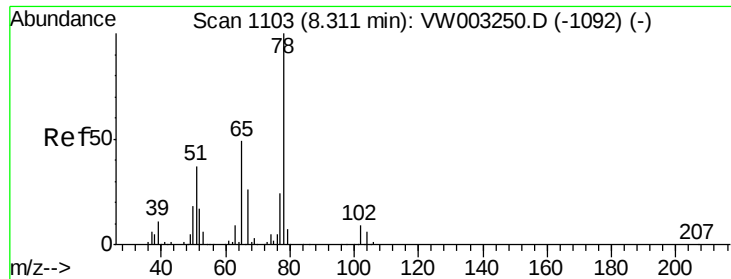
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#32
1,1,1-Trichloroethane
Concen: 21.49 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.7	77.5
61	47.7	37.6	56.4





#33

1,2-Dichloroethane-d4

Concen: 57.83 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Instrument :

MSVOA_W

ClientSampled :

VW0623SBS02

Tot Ion: 65 Resp: 155120

Ion Ratio Lower Upper

65 100

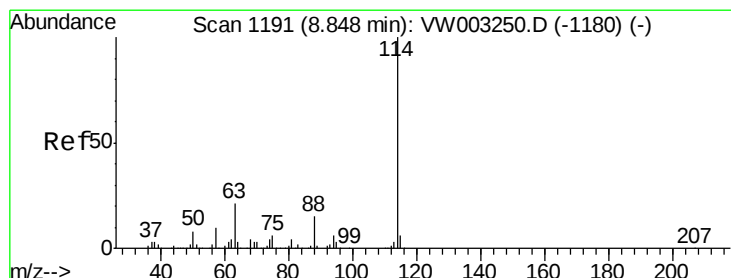
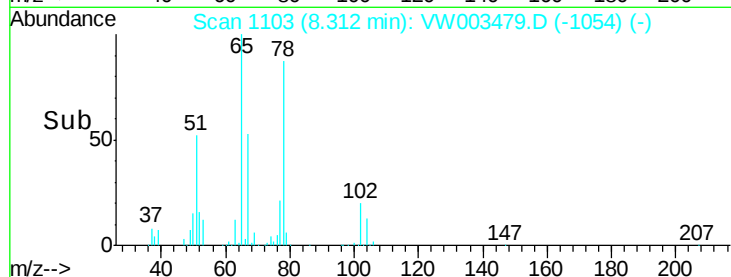
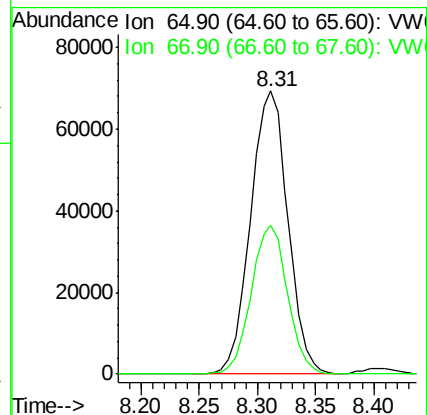
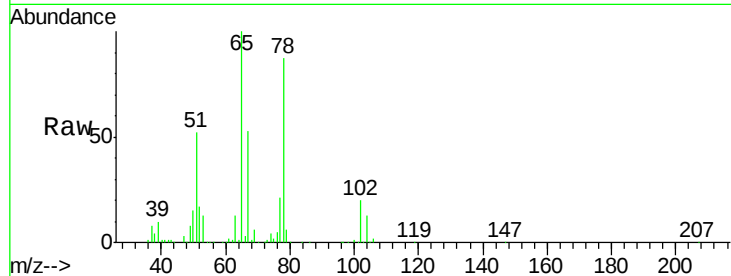
67 51.2 0.0 104.2

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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: VW003479.D

Acq: 24 Jun 2018 01:04

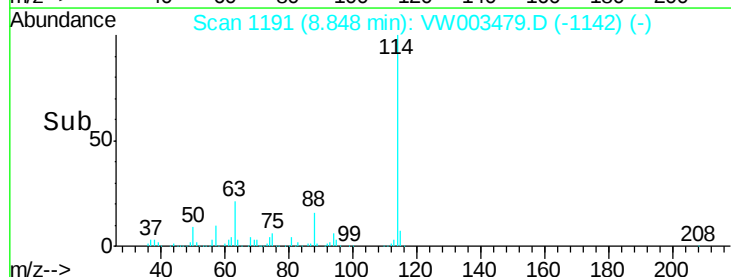
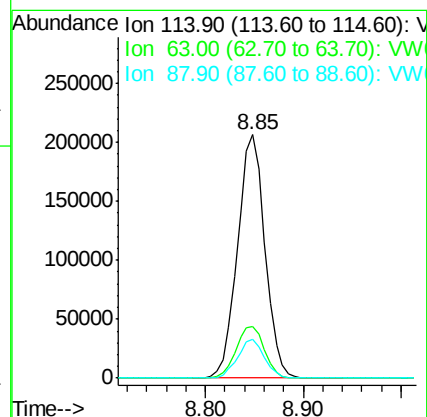
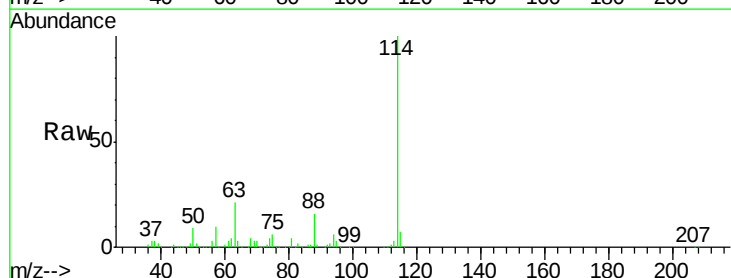
Tgt Ion: 114 Resp: 400032

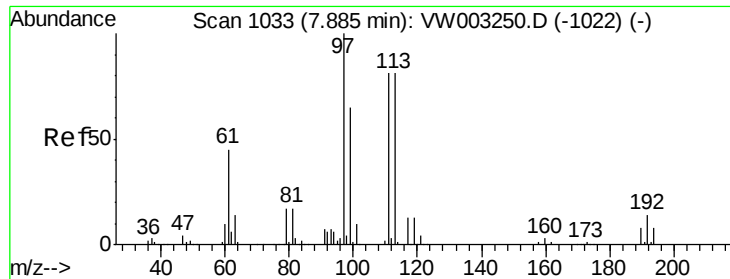
Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.0

88 16.0 0.0 29.6





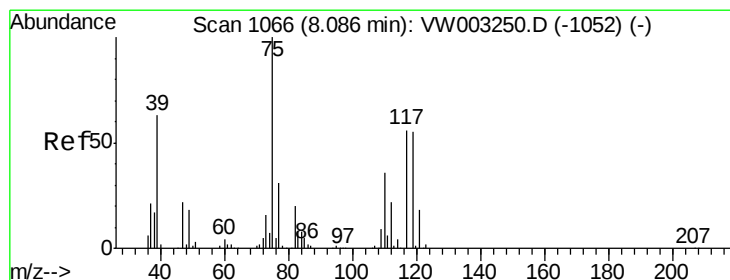
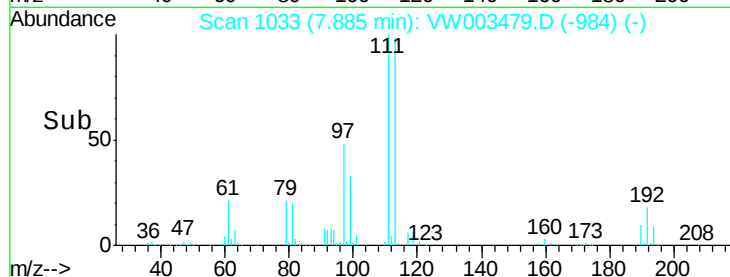
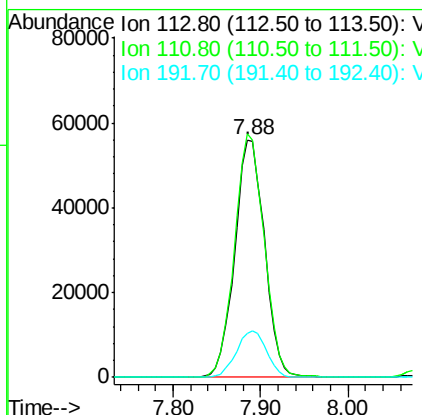
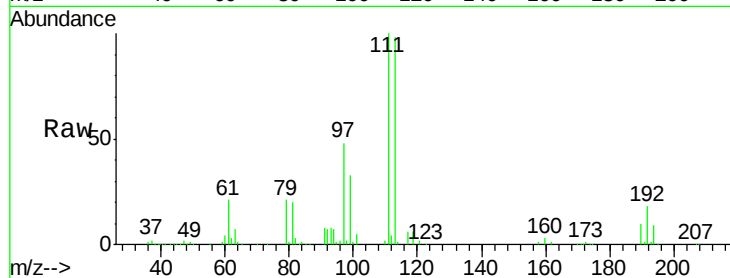
#35
Dibromofluoromethane
Concen: 53.39 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.4	82.2	123.2	
192	19.8	16.2	24.2	

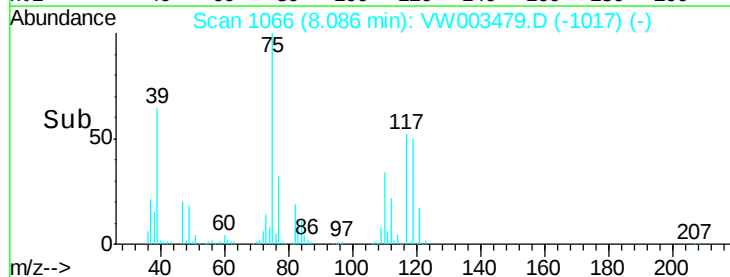
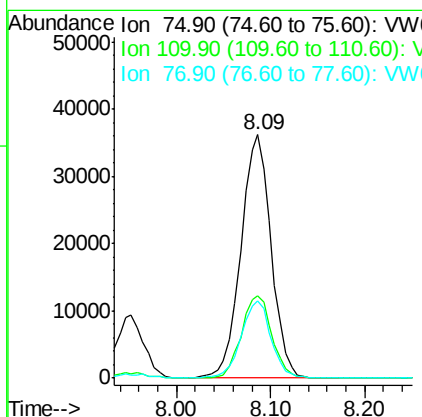
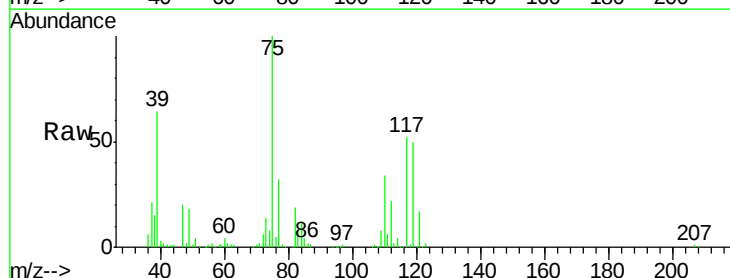
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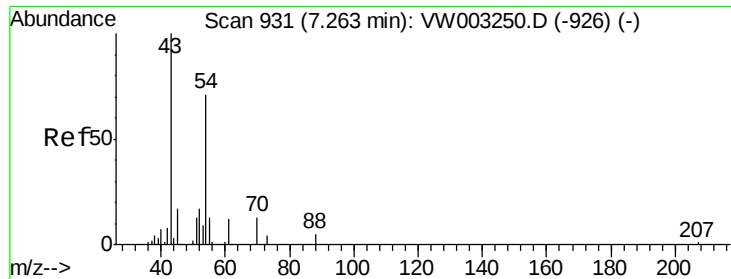
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#36
1,1-Dichloropropene
Concen: 20.95 ug/l
RT: 8.09 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	34.1	17.1	51.3	
77	31.6	24.9	37.3	





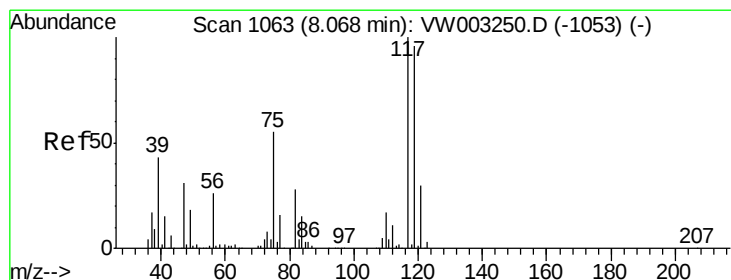
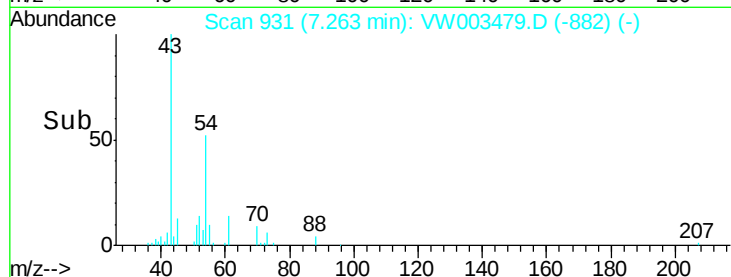
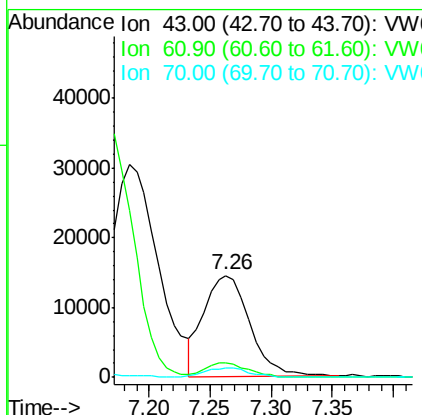
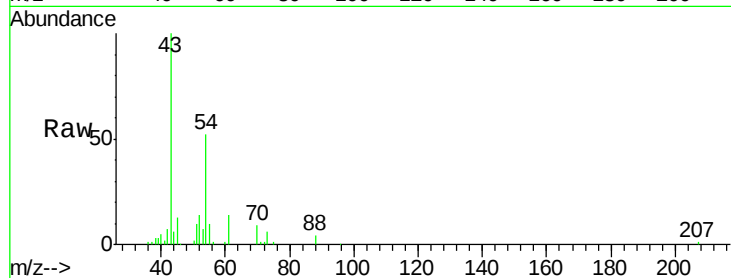
#37
Ethyl Acetate
Concen: 23.74 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.8	16.2
70	9.5	7.8	11.6

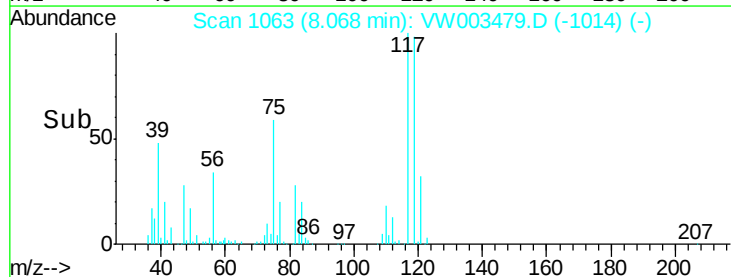
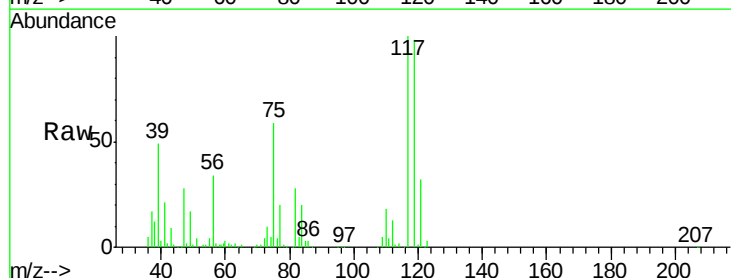
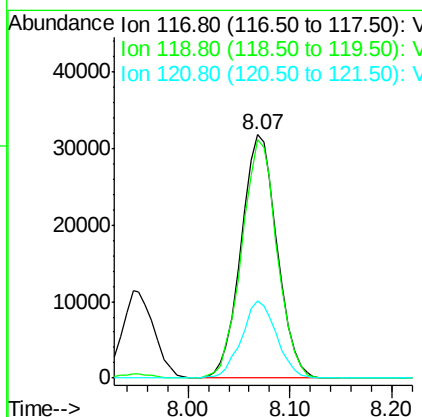
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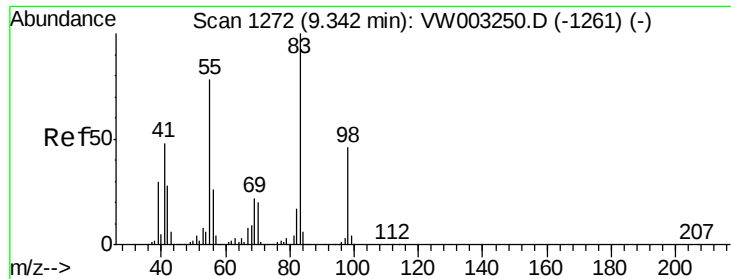
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#38
Carbon Tetrachloride
Concen: 20.57 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	76.6	115.0
121	31.5	23.9	35.9





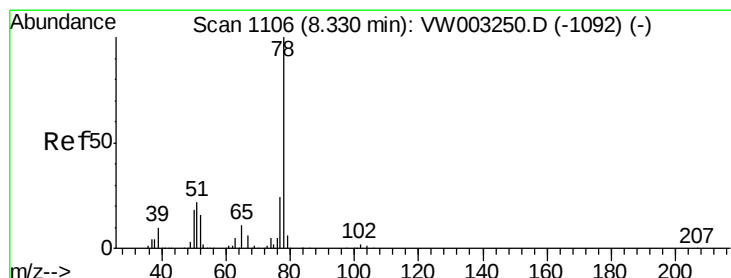
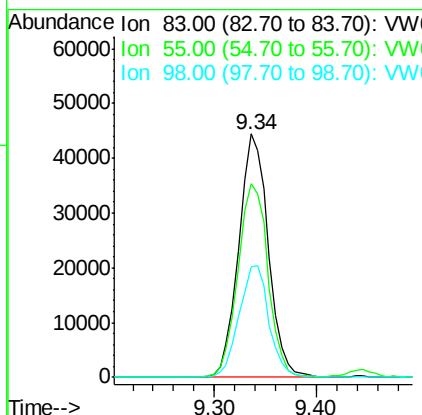
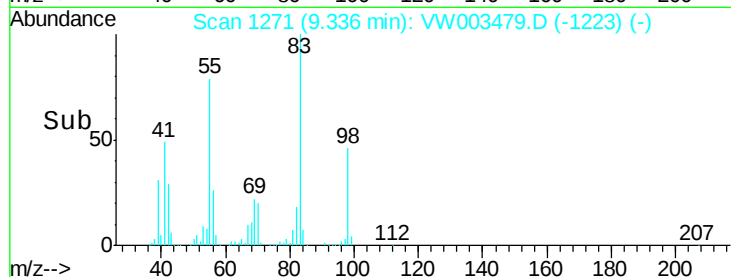
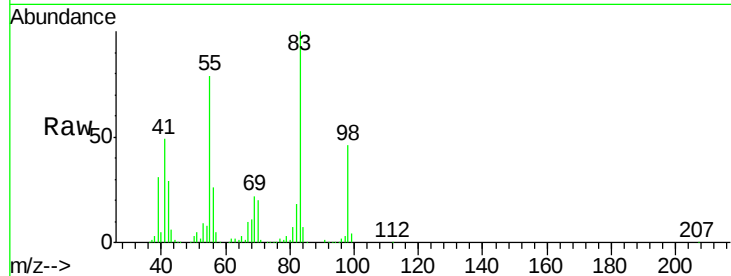
#39
Methvlcvclohexane
Concen: 19.99 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	79.4	62.6	93.8	
98	45.6	37.0	55.4	

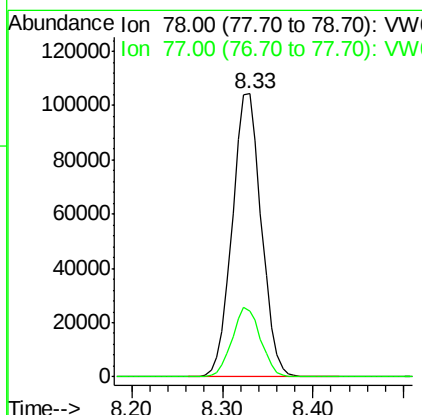
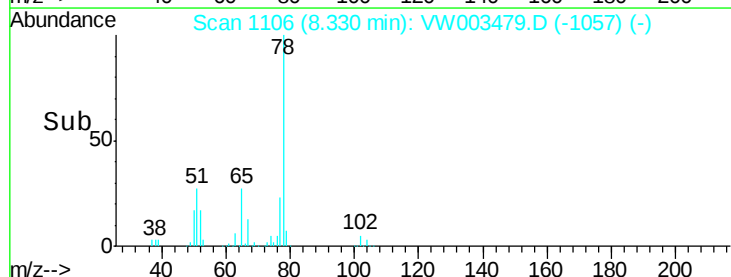
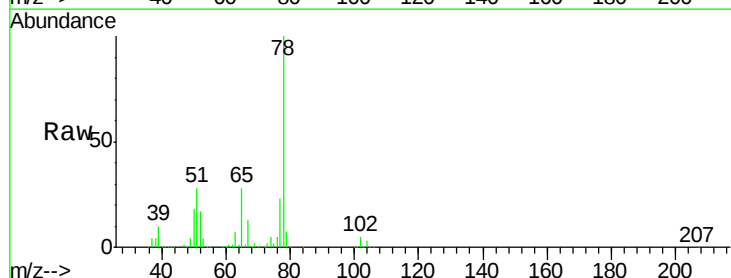
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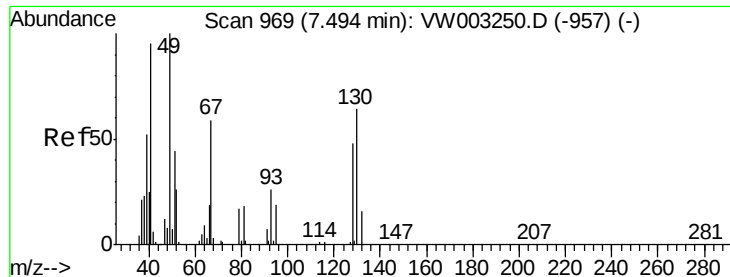
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#40
Benzene
Concen: 21.77 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.1	19.0	28.6	





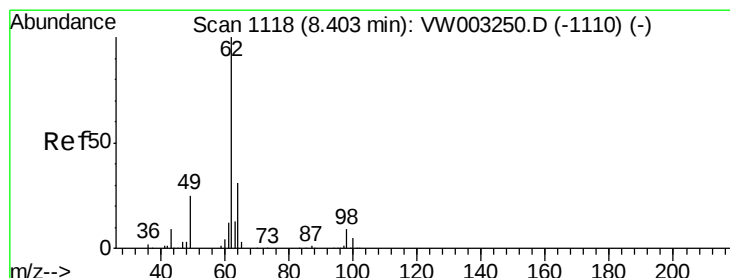
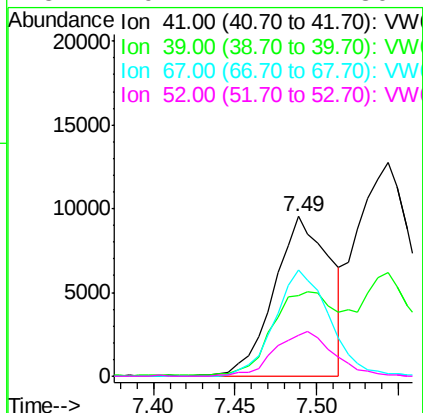
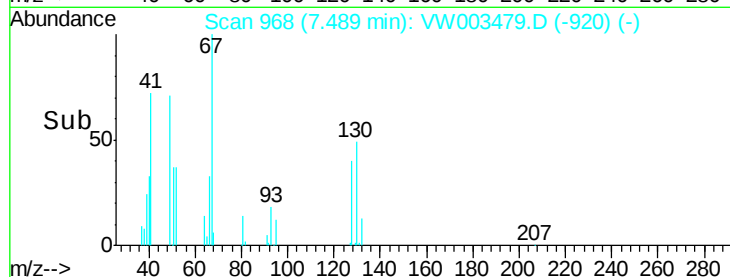
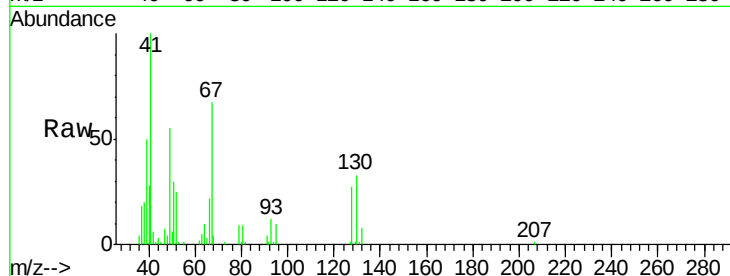
#41
Methacrylonitrile
Concen: 23.21 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS02

Tot Ion	Ratio	Lower	Upper
41	100		
39	58.1	45.8	68.8
67	65.1	52.3	78.5
52	29.1	24.1	36.1

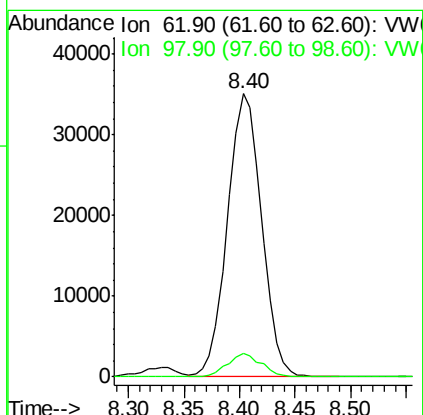
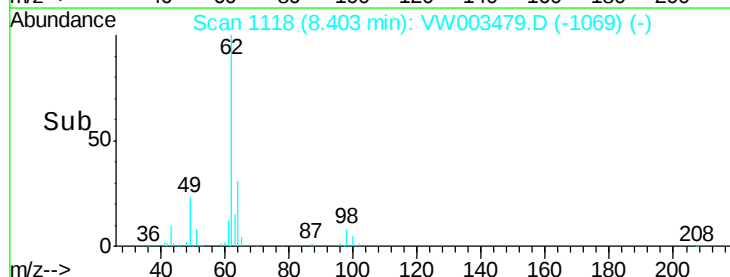
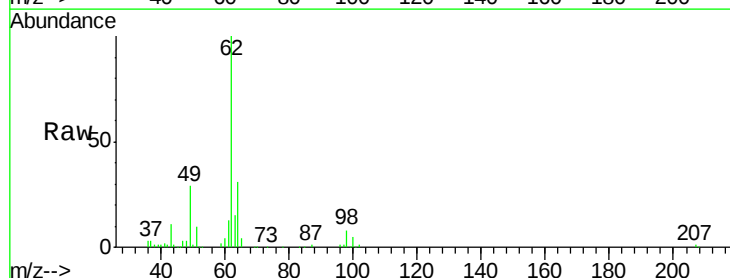
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#42
1,2-Dichloroethane
Concen: 22.39 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.2





#43

Isopropyl Acetate

Concen: 22.94 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Instrument :

MSVOA_W

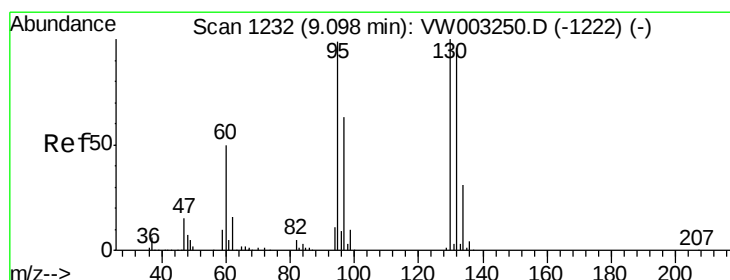
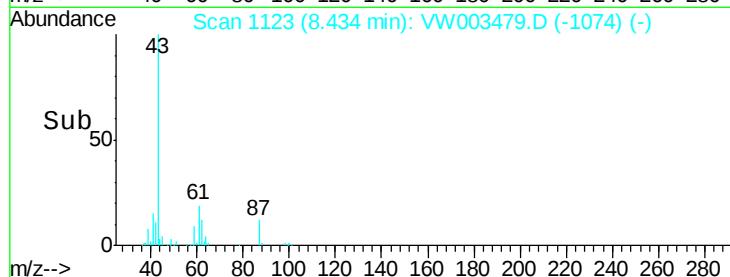
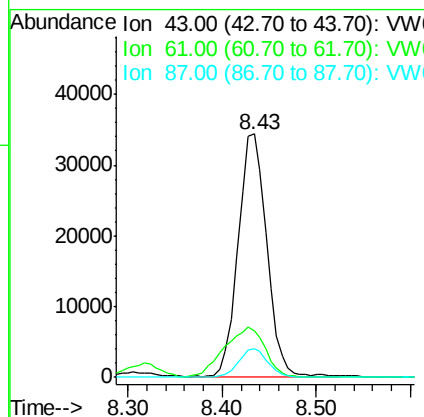
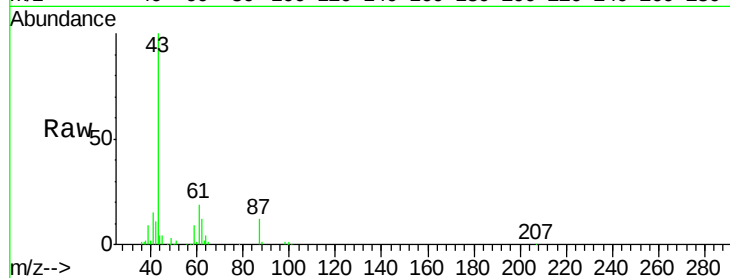
ClientSampleId :

VW0623SBS02

Tot Ion:	43	Resp:	72911
Ion	Ratio	Lower	Upper
43	100		
61	29.3	23.1	34.7
87	11.8	9.8	14.6

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#44

Trichloroethene

Concen: 21.06 ug/l

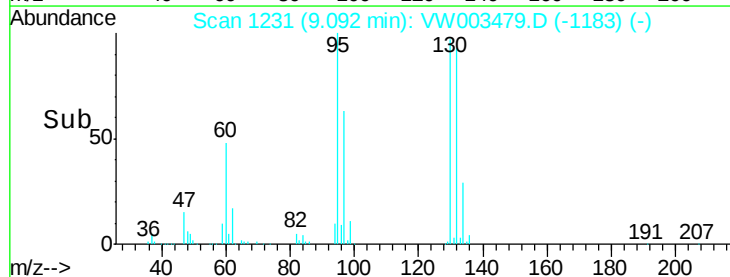
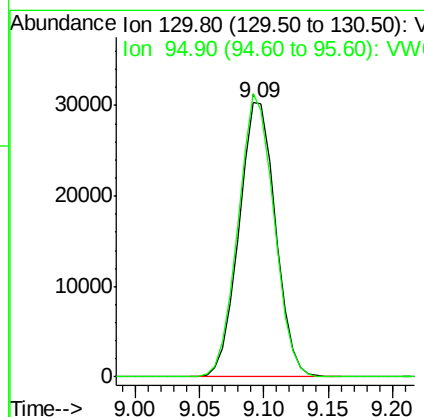
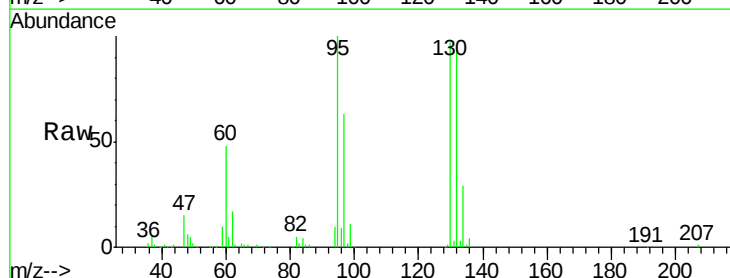
RT: 9.09 min Scan# 1231

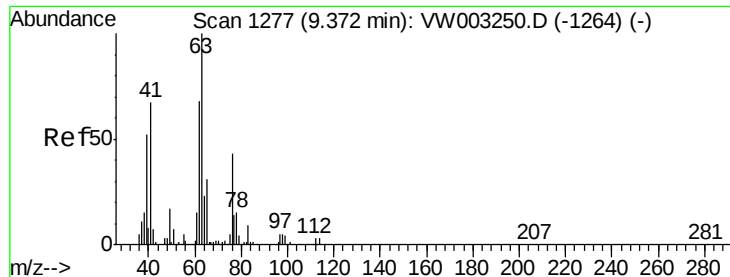
Delta R.T. -0.01 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Tgt Ion:	130	Resp:	59423
Ion	Ratio	Lower	Upper
130	100		
95	103.2	0.0	198.0





#45

1,2-Dichloropropane

Concen: 22.23 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS02

Tot Ion: 63 Resp: 60275

Ion Ratio Lower Upper

63 100

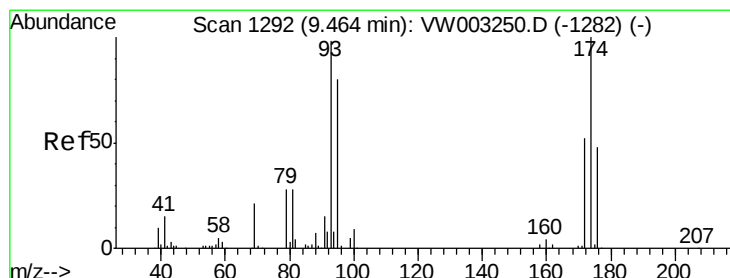
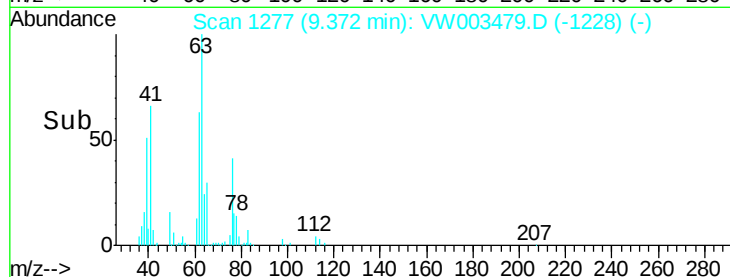
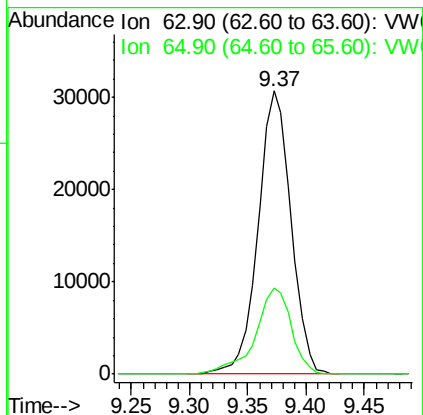
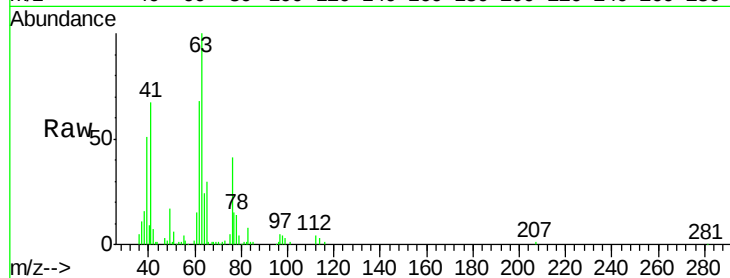
65 30.4 25.1 37.7

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#46

Dibromomethane

Concen: 22.35 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

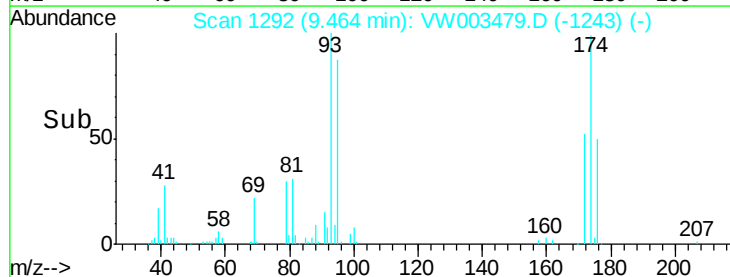
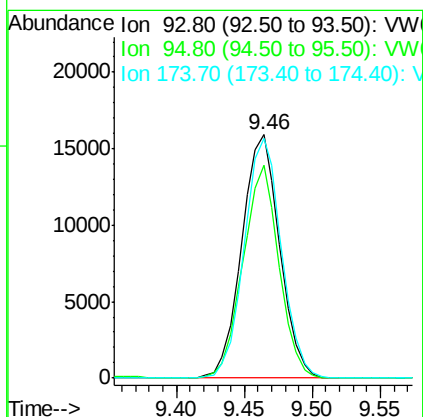
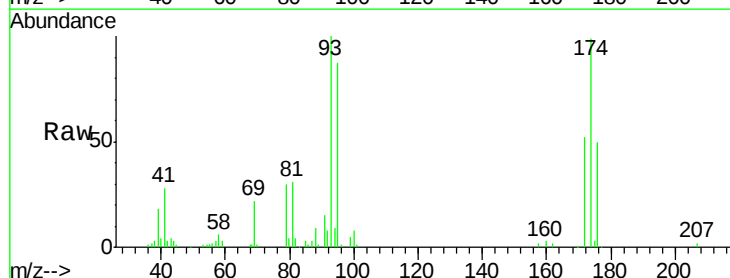
Tgt Ion: 93 Resp: 31031

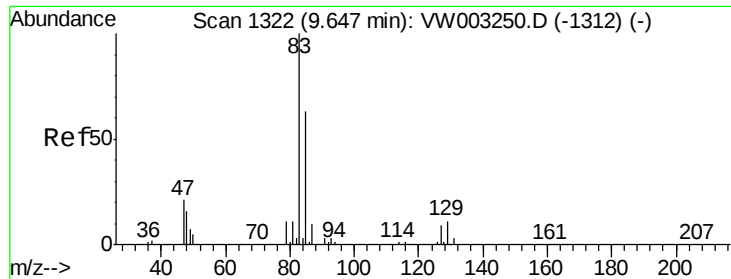
Ion Ratio Lower Upper

93 100

95 83.0 65.8 98.8

174 96.9 81.4 122.0





#47

Bromodichloromethane

Concen: 21.32 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Instrument :

MSVOA_W

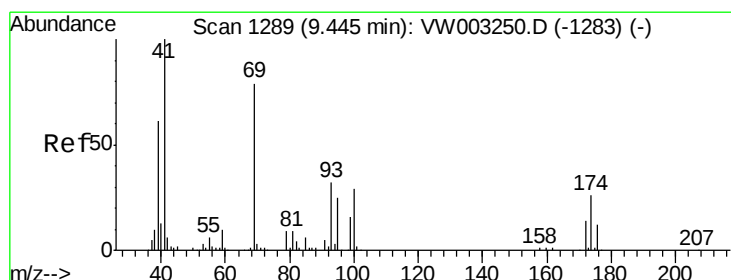
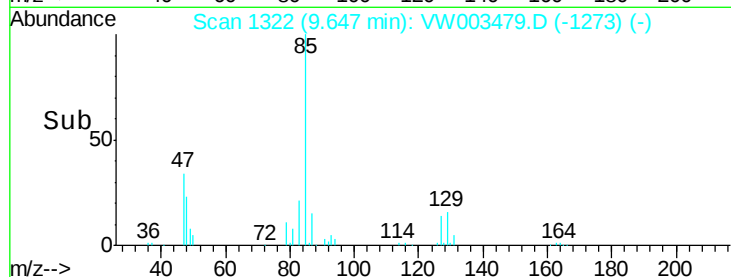
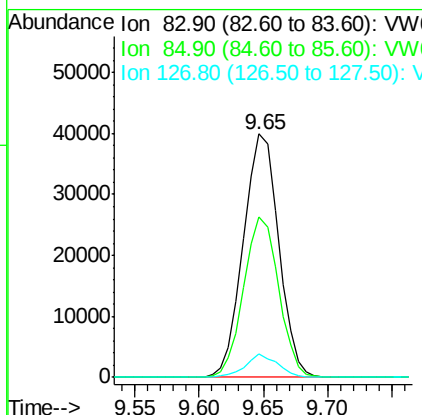
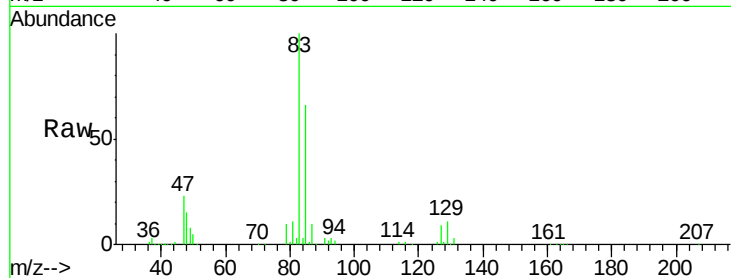
ClientSampleId :

VW0623SBS02

Tot Ion:	83	Resp:	75867
Ion	Ratio	Lower	Upper
83	100		
85	65.9	50.6	75.8
127	9.4	6.8	10.2

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#48

Methyl methacrylate

Concen: 23.40 ug/l

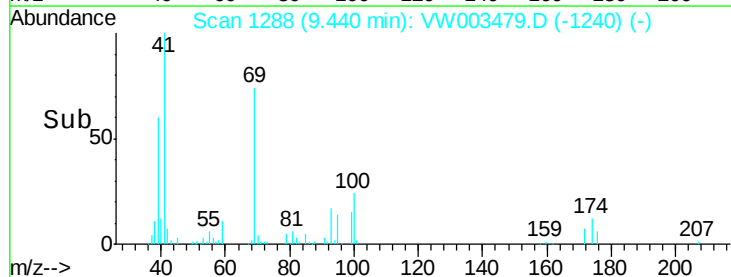
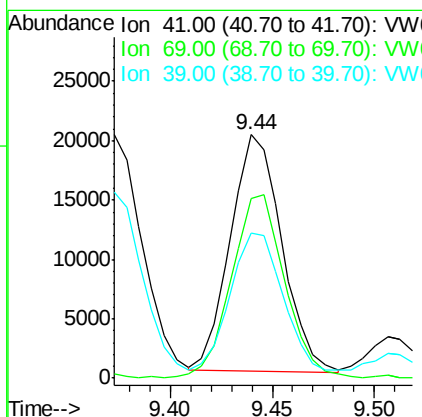
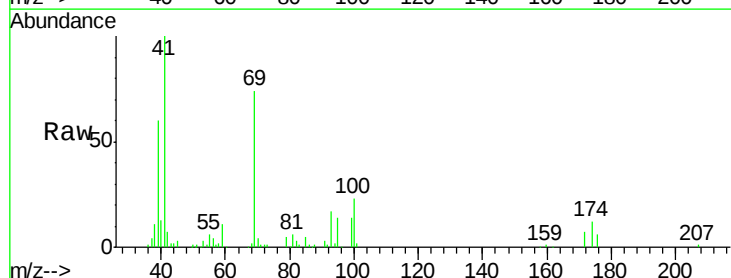
RT: 9.44 min Scan# 1288

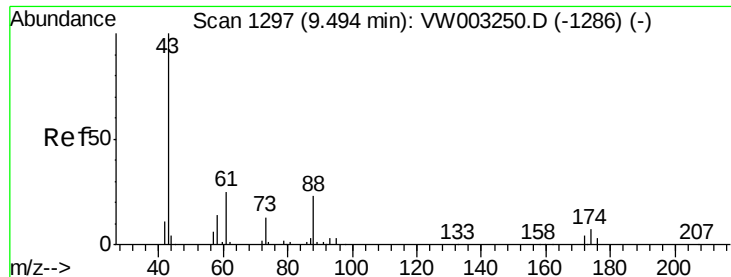
Delta R.T. -0.01 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Tgt Ion:	41	Resp:	34949
Ion	Ratio	Lower	Upper
41	100		
69	79.5	65.4	98.2
39	65.9	54.2	81.2





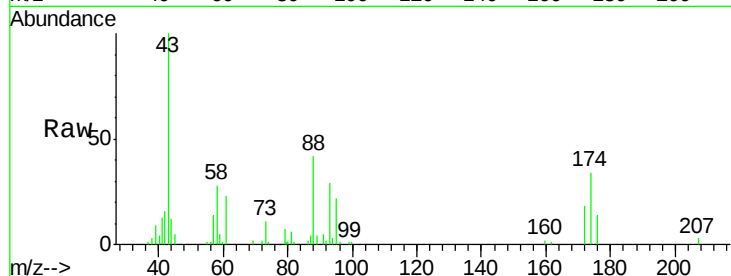
#49
1,4-Dioxane
Concen: 501.16 ug/l
RT: 9.49 min Scan# 1296
Delta R.T. -0.01 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS02

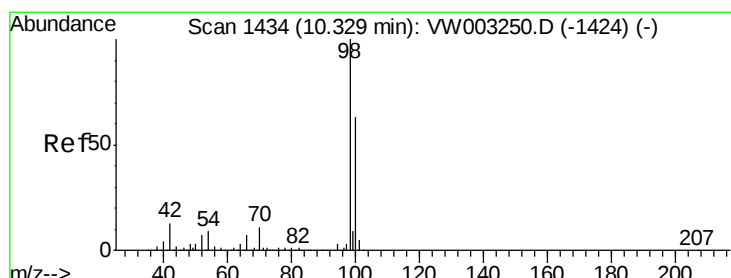
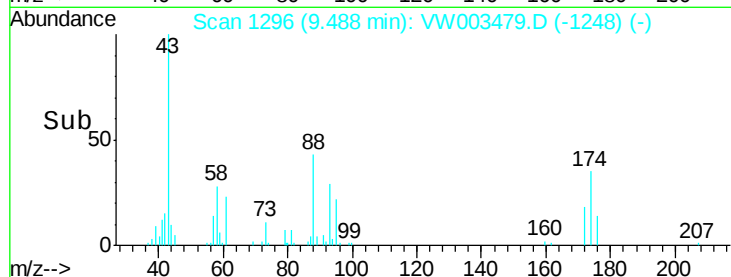
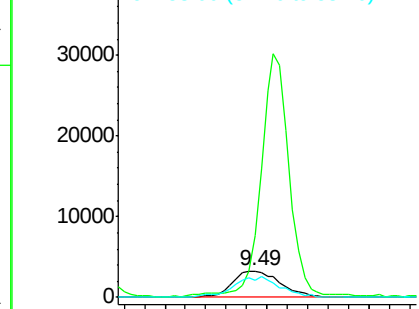
Tot Ion	88	Resp	10504
Ion Ratio	Lower	Upper	
88	100		
43	556.0	454.7	682.1
58	76.8	58.6	88.0

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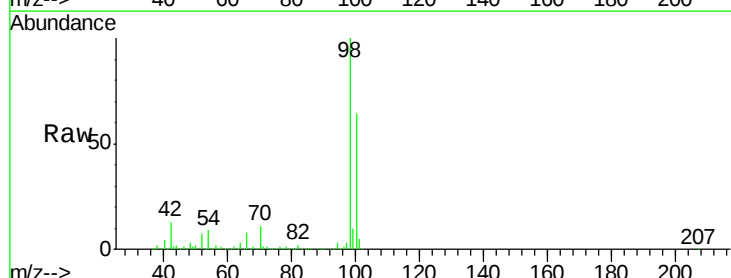


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

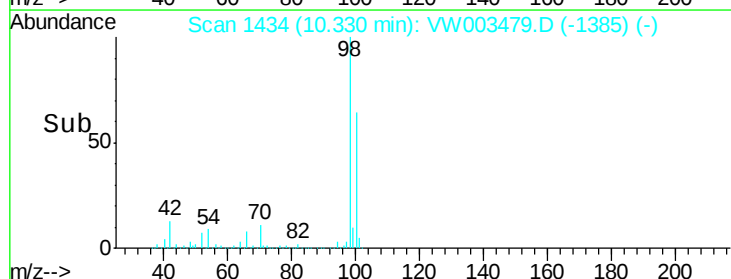
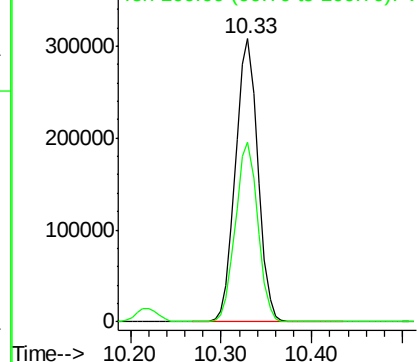


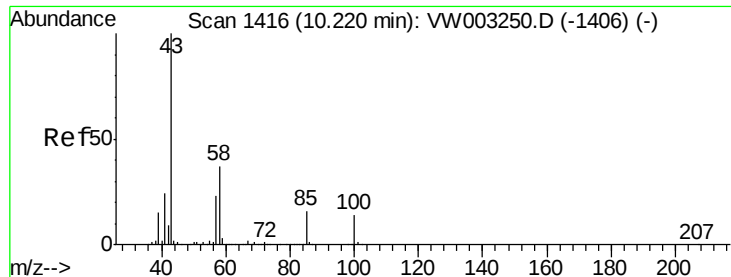
#50
Toluene-d8
Concen: 53.65 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Tgt Ion	98	Resp	528810
Ion Ratio	Lower	Upper	
98	100		
100	63.3	50.8	76.2



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 120.51 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS02

Tot Ion: 43 Resp: 195141

Ion Ratio Lower Upper

43 100

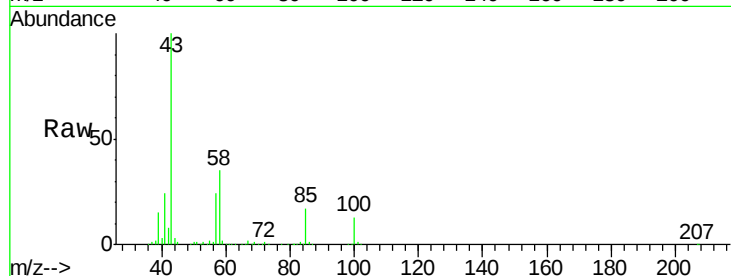
58 35.6 29.0 43.4

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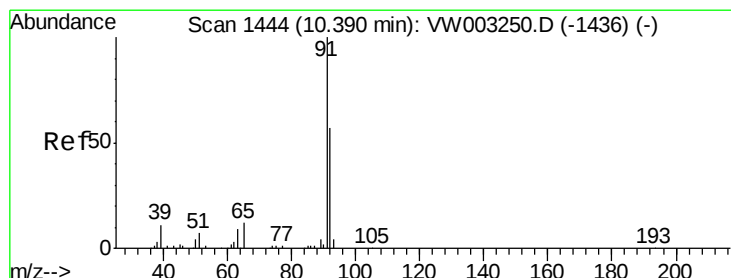
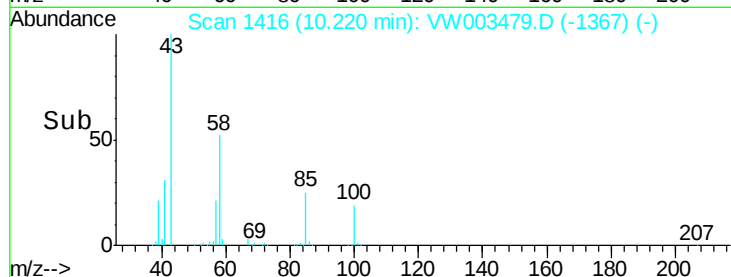
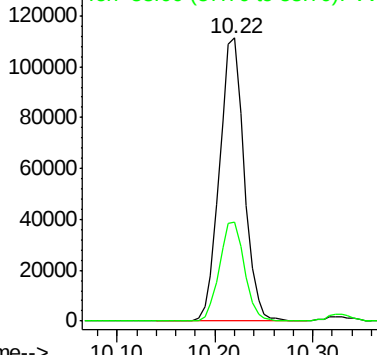
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 21.79 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003479.D

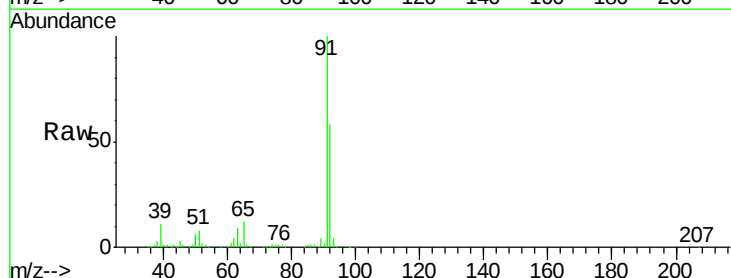
Acq: 24 Jun 2018 01:04

Tgt Ion: 92 Resp: 148770

Ion Ratio Lower Upper

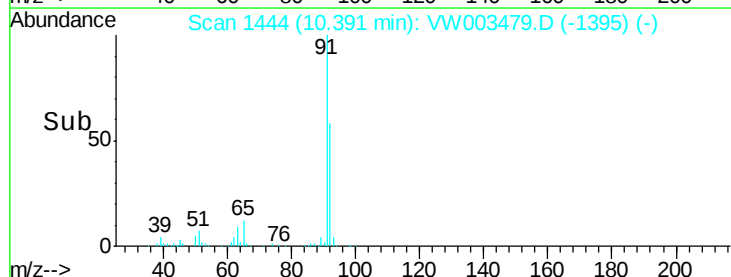
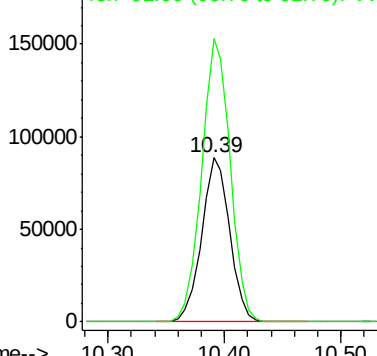
92 100

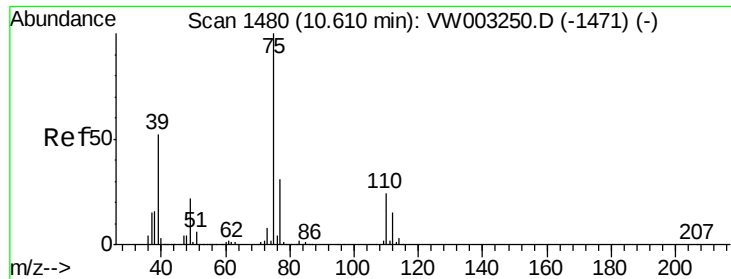
91 175.4 141.1 211.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





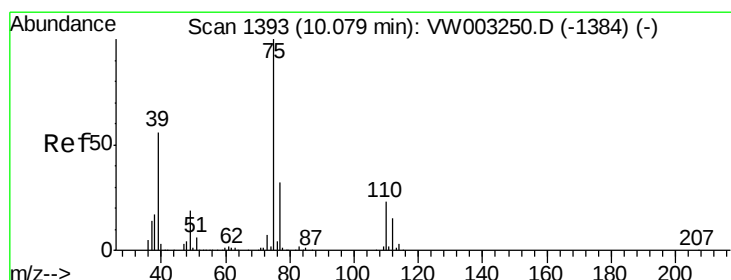
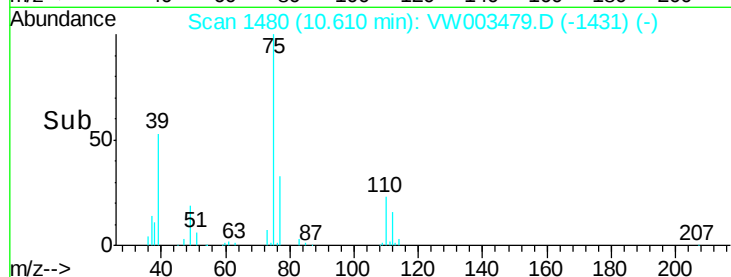
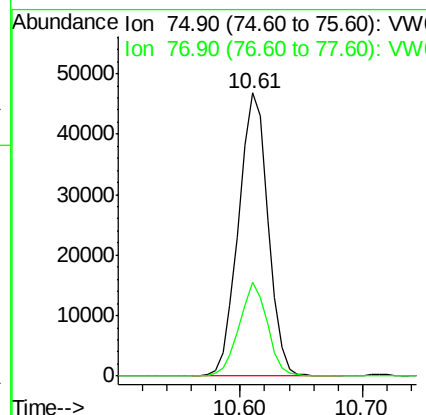
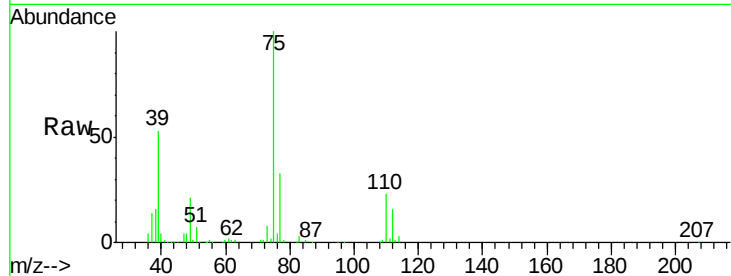
#53
 t-1,3-Dichloropropene
 Concen: 21.43 ug/l
 RT: 10.61 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VW003479.D
 Acq: 24 Jun 2018 01:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS02

Tot Ion: 75 Resp: 77902
 Ion Ratio Lower Upper
 75 100
 77 33.1 24.9 37.3

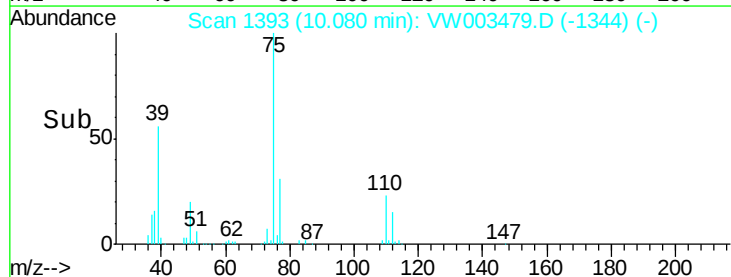
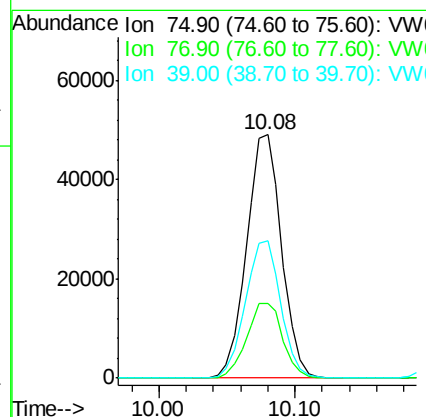
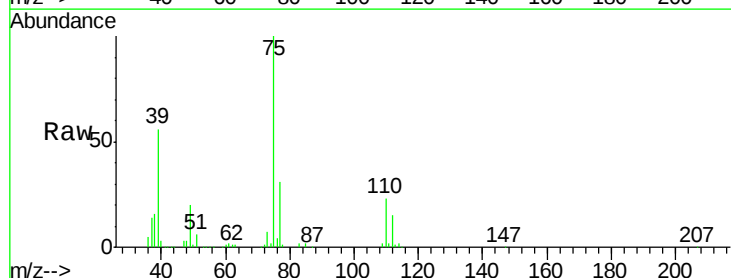
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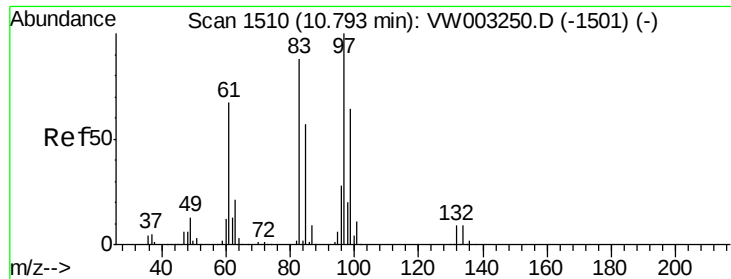
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#54
 cis-1,3-Dichloropropene
 Concen: 21.29 ug/l
 RT: 10.08 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: VW003479.D
 Acq: 24 Jun 2018 01:04

Tgt Ion: 75 Resp: 88075
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.8 38.6
 39 56.4 45.2 67.8





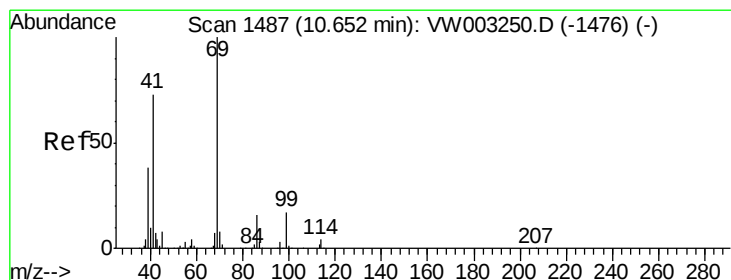
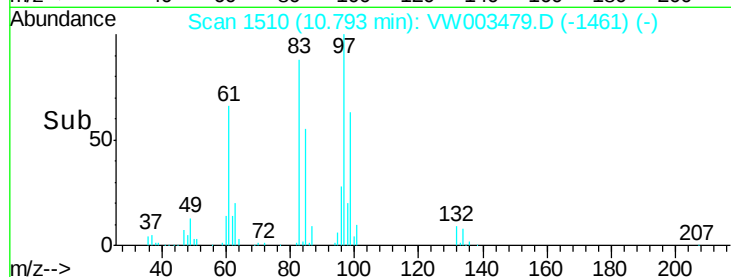
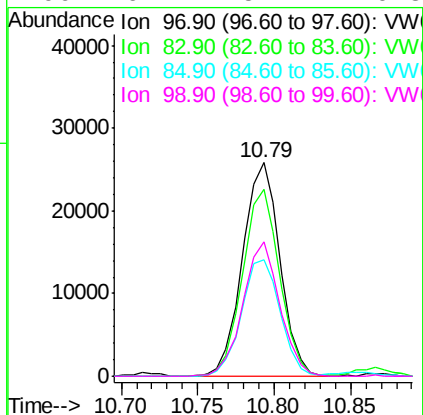
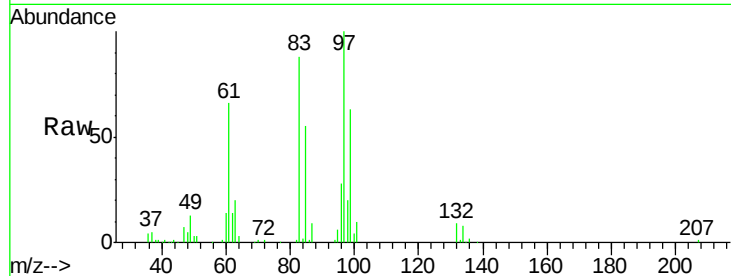
#55
 1,1,2-Trichloroethane
 Concen: 22.47 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003479.D
 Acq: 24 Jun 2018 01:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		43961		
83	87.6	70.2	105.2		
85	54.6	45.6	68.4		
99	62.7	51.2	76.8		

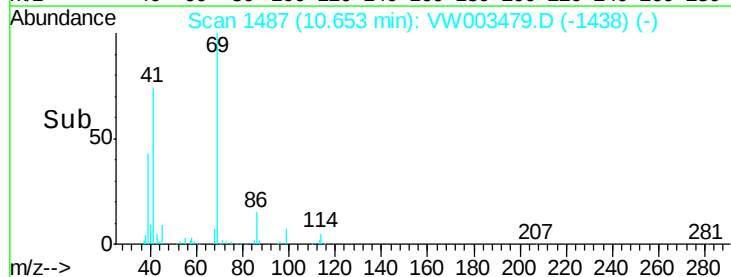
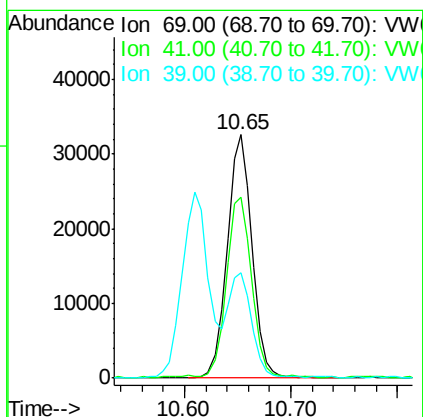
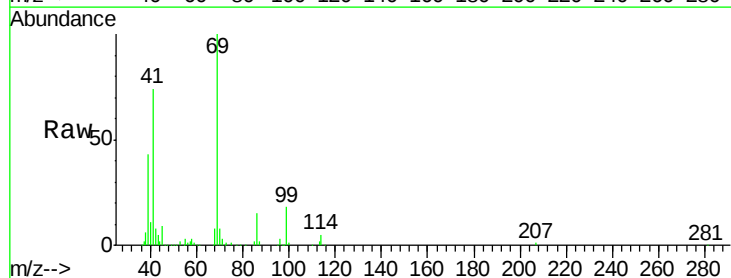
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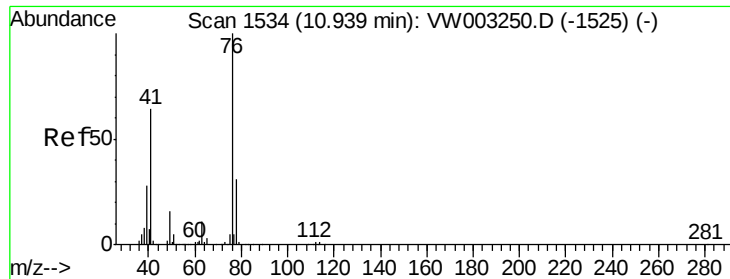
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#56
 Ethyl methacrylate
 Concen: 22.40 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003479.D
 Acq: 24 Jun 2018 01:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		53209		
41	74.5	57.8	86.6		
39	39.5	32.7	49.1		





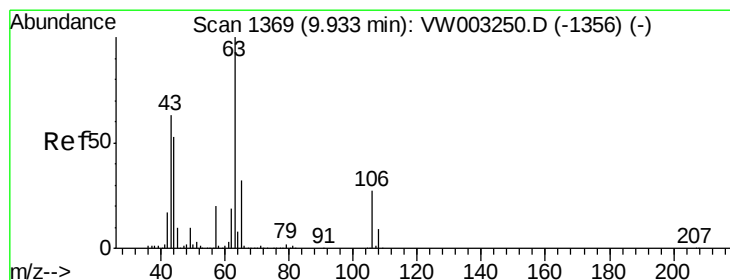
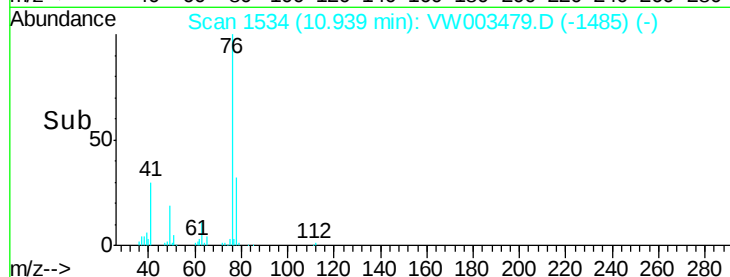
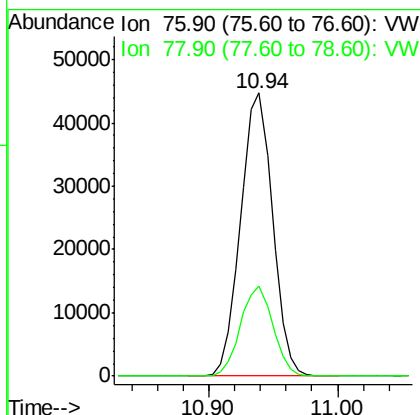
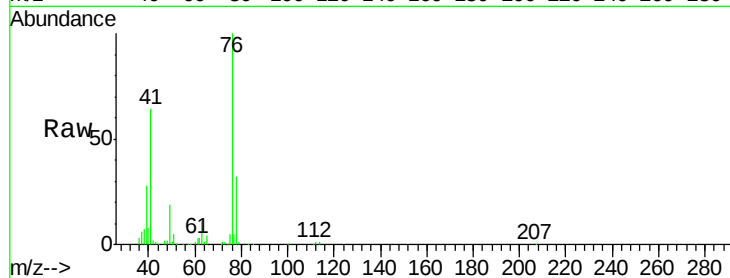
#57
 1,3-Dichloropropane
 Concen: 22.77 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003479.D
 Acq: 24 Jun 2018 01:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS02

Tot Ion: 76 Resp: 76821
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.7 38.5

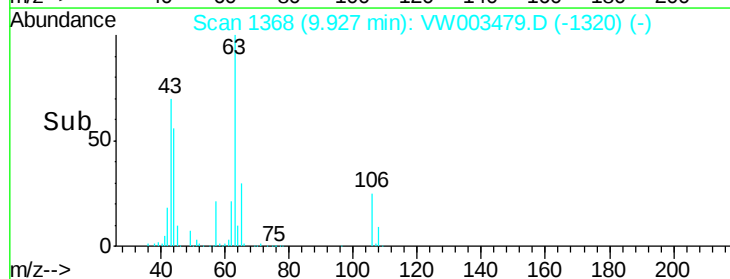
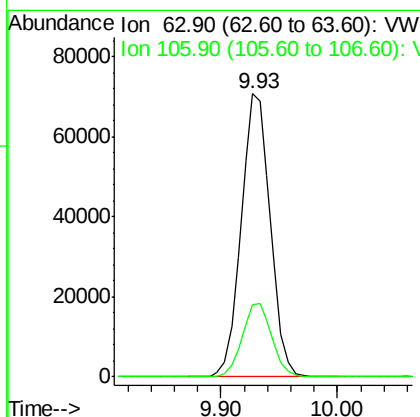
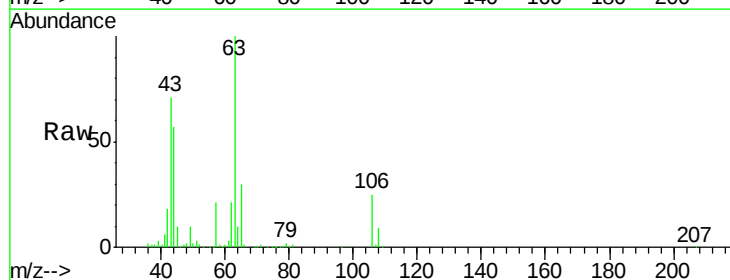
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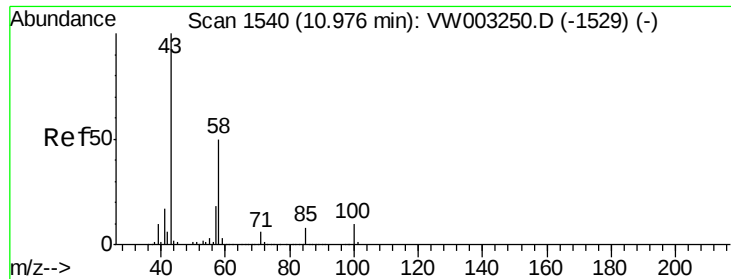
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#58
 2-Chloroethyl Vinyl ether
 Concen: 115.21 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW003479.D
 Acq: 24 Jun 2018 01:04

Tgt Ion: 63 Resp: 122682
 Ion Ratio Lower Upper
 63 100
 106 26.2 21.8 32.8





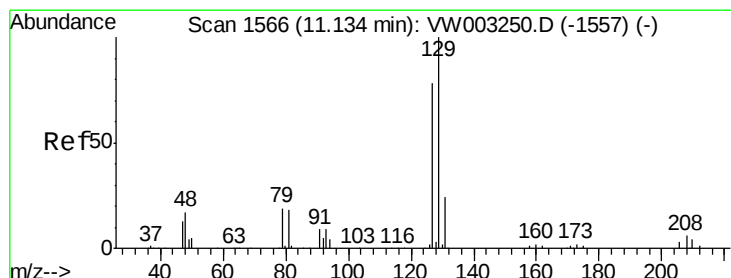
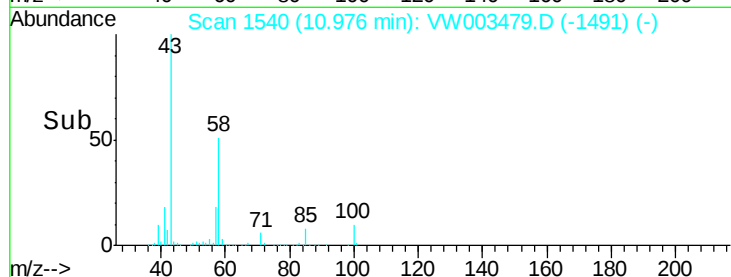
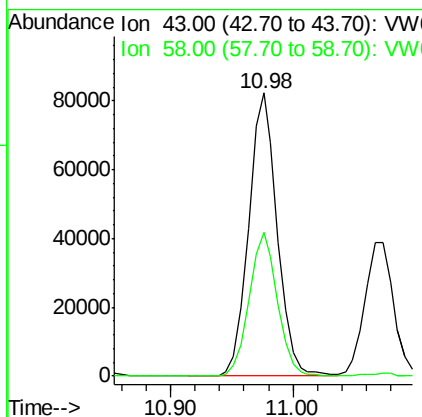
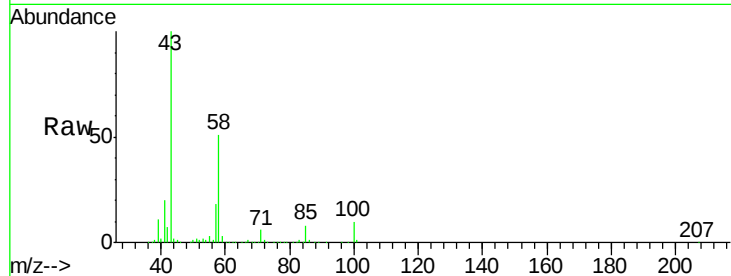
#59
2-Hexanone
Concen: 117.87 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS02

Tot Ion: 43 Resp: 133343
Ion Ratio Lower Upper
43 100
58 50.3 25.0 75.0

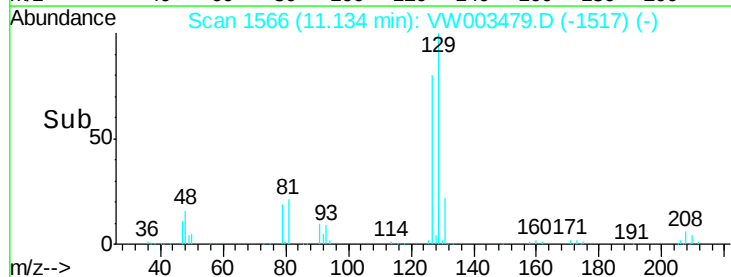
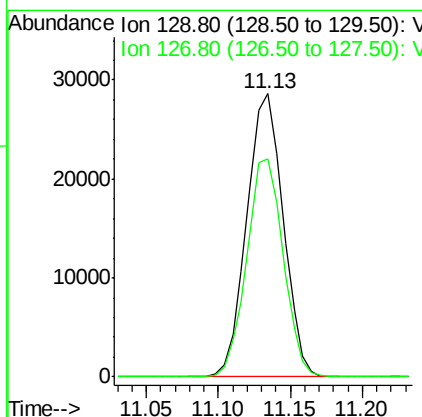
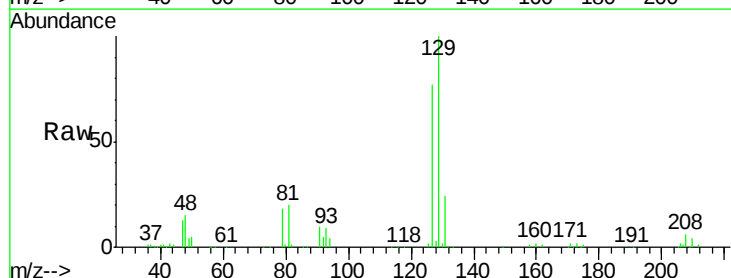
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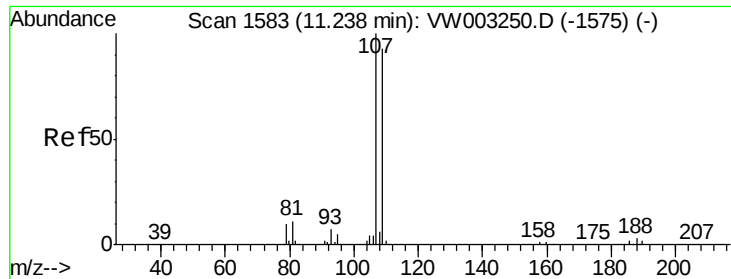
apatel
6/26/2018 11:09:52 AM



#60
Dibromochloromethane
Concen: 21.49 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Tgt Ion: 129 Resp: 49993
Ion Ratio Lower Upper
129 100
127 77.2 39.1 117.5





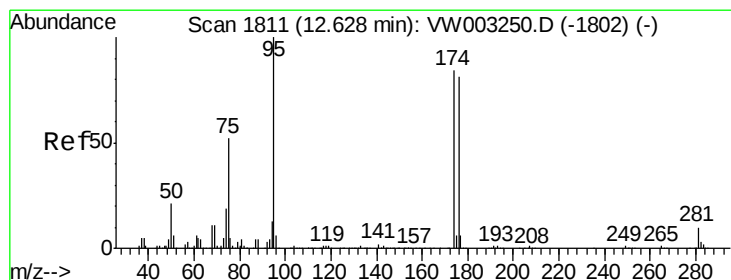
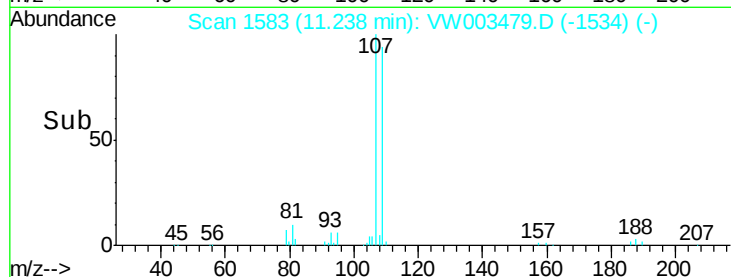
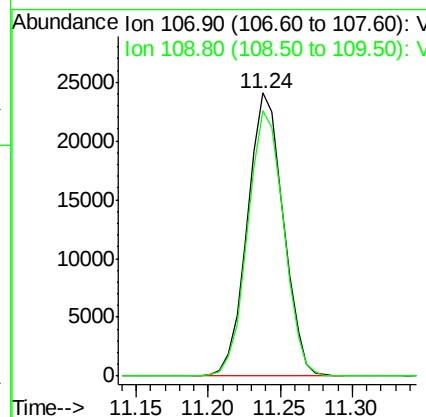
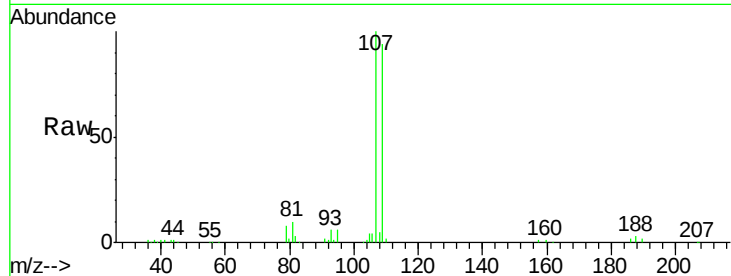
#61
 1,2-Dibromoethane
 Concen: 22.41 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003479.D
 Acq: 24 Jun 2018 01:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS02

Tot Ion: 107 Resp: 41462
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.8 113.6

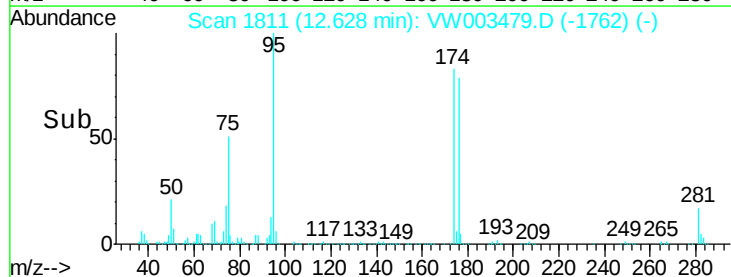
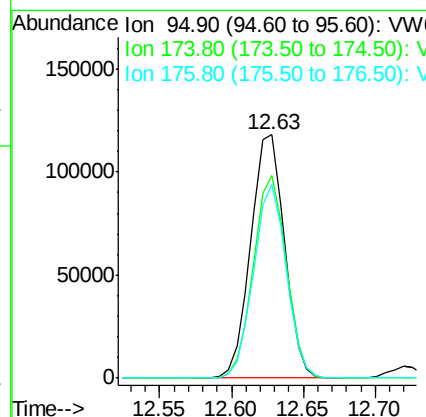
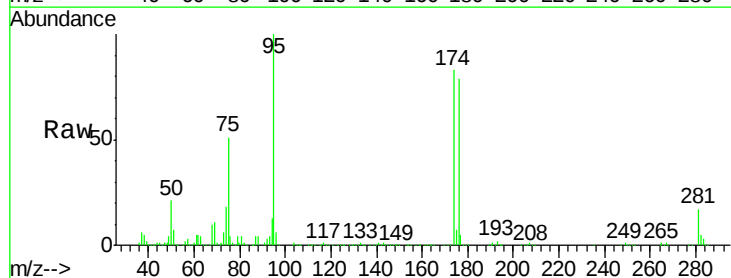
Manual Integrations
 APPROVED

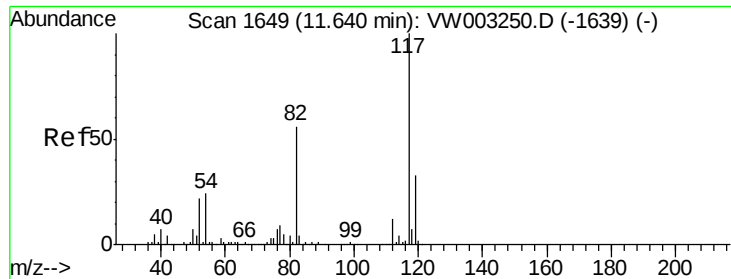
apatel
 6/26/2018 11:09:52 AM



#62
 4-Bromofluorobenzene
 Concen: 54.87 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW003479.D
 Acq: 24 Jun 2018 01:04

Tgt Ion: 95 Resp: 191406
 Ion Ratio Lower Upper
 95 100
 174 81.2 0.0 166.4
 176 76.9 0.0 162.0





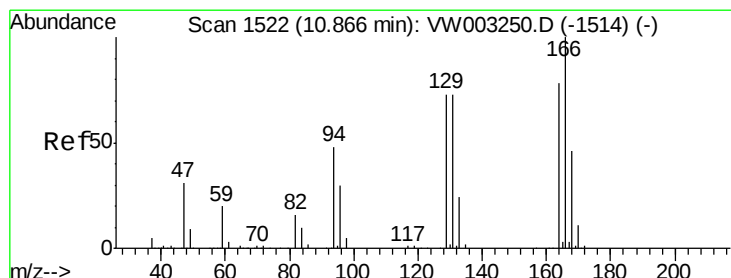
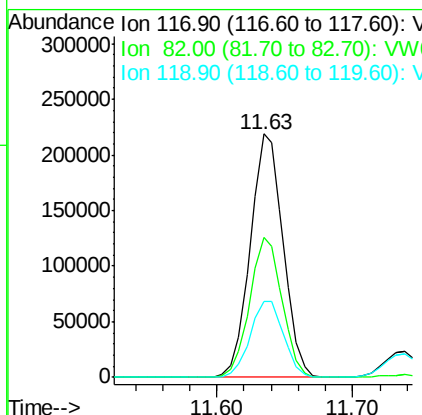
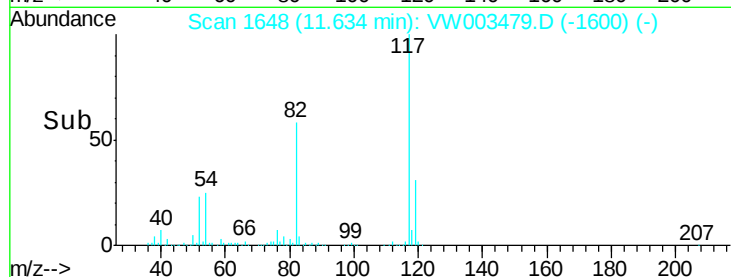
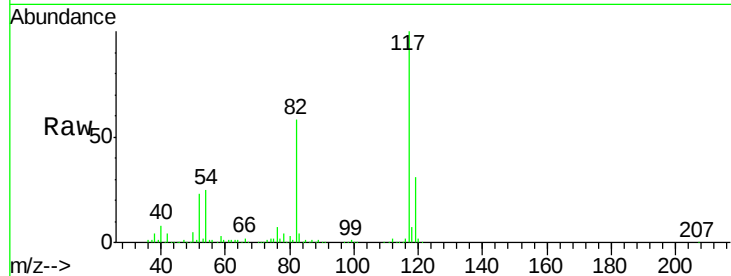
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.5	44.6	67.0
119	31.3	26.7	40.1

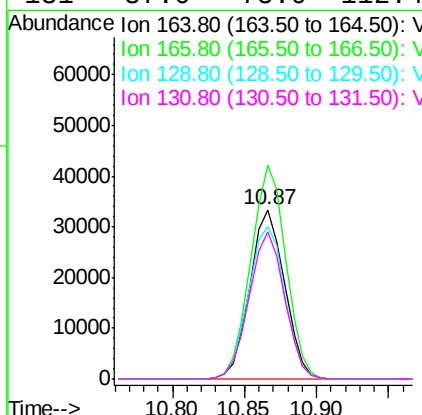
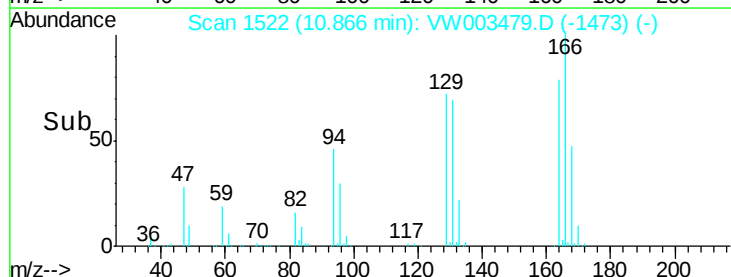
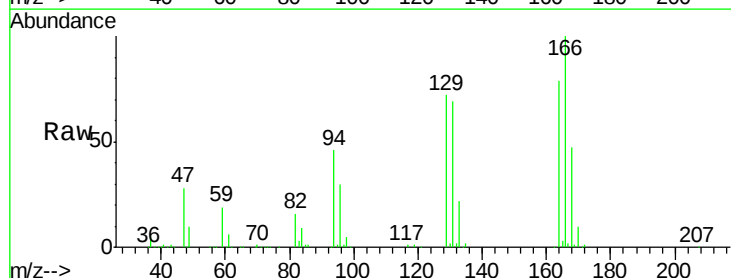
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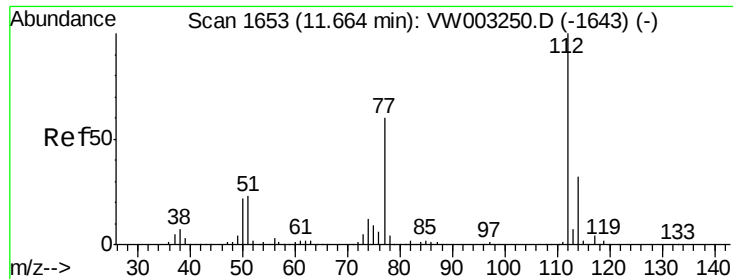
apatel
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#64
Tetrachloroethene
Concen: 22.61 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.0	102.6	154.0
129	90.2	75.2	112.8
131	87.0	75.0	112.4





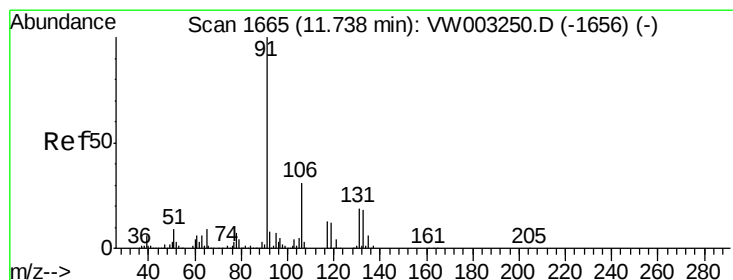
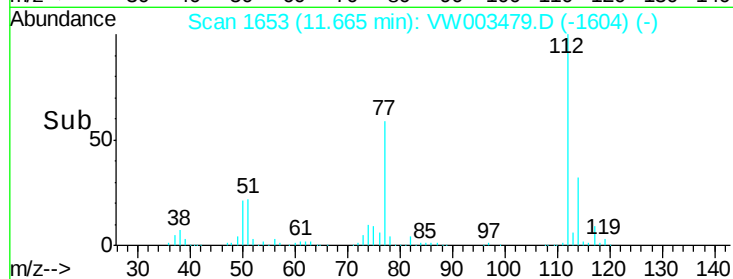
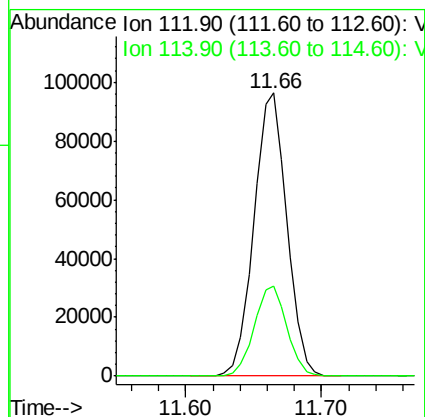
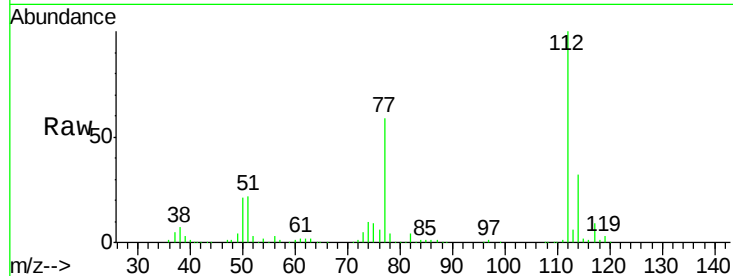
#65
Chlorobenzene
Concen: 21.22 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS02

Tot Ion:112 Resp: 163177
Ion Ratio Lower Upper
112 100
114 32.0 25.9 38.9

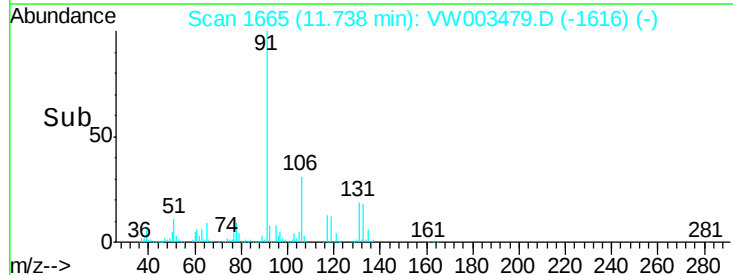
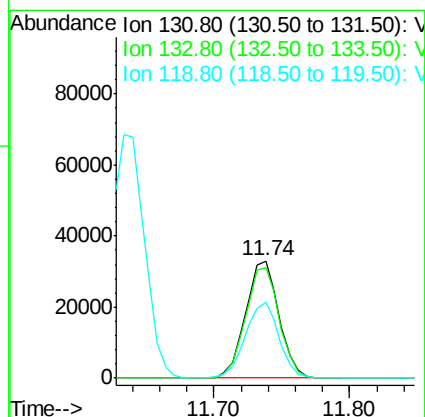
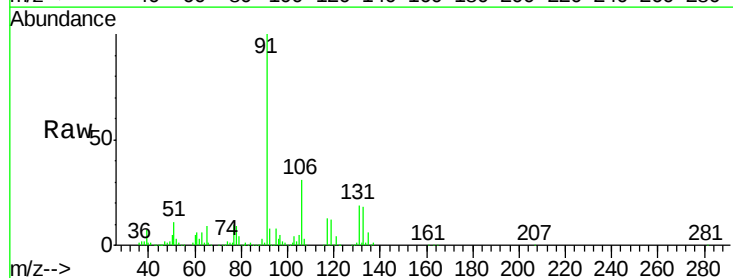
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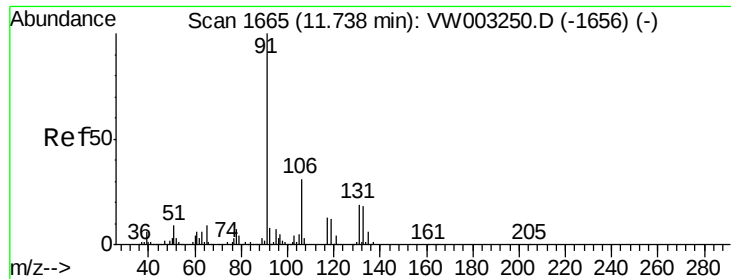
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.86 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Tgt Ion:131 Resp: 56378
Ion Ratio Lower Upper
131 100
133 95.2 47.3 142.0
119 65.0 32.5 97.4





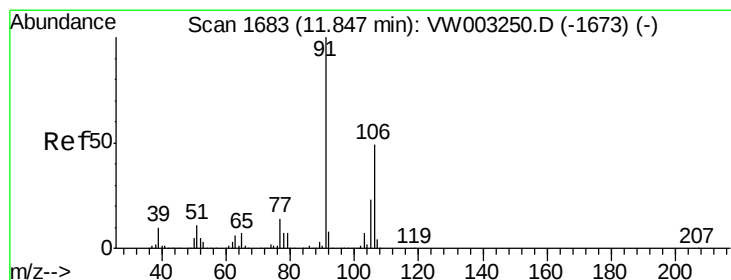
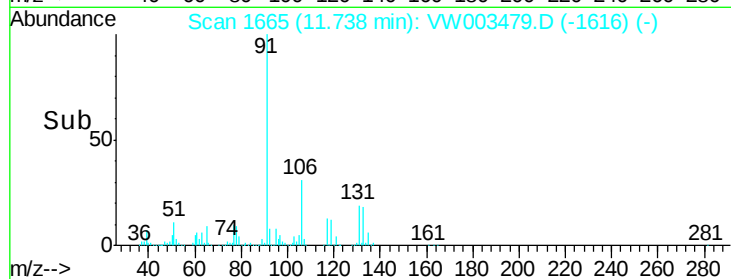
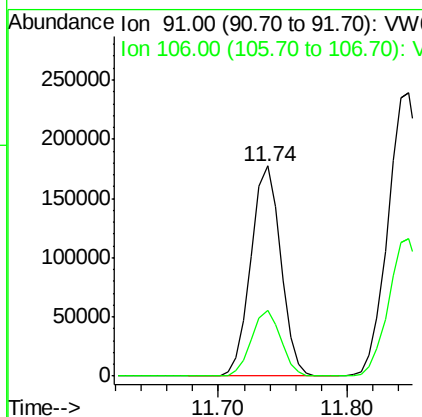
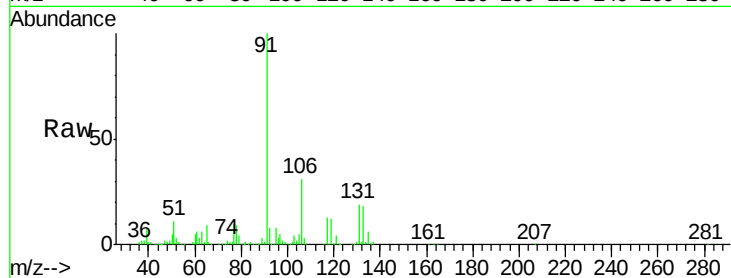
#67
Ethyl Benzene
Concen: 20.79 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS02

Tot Ion: 91 Resp: 283451
Ion Ratio Lower Upper
91 100
106 31.2 24.7 37.1

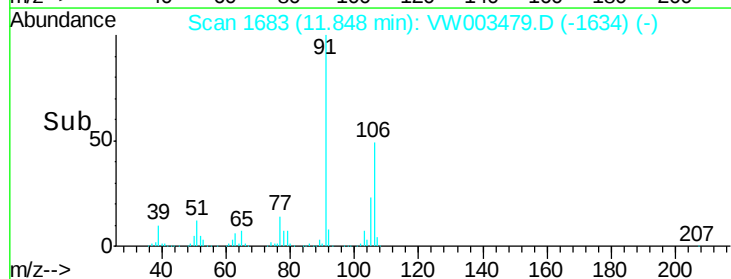
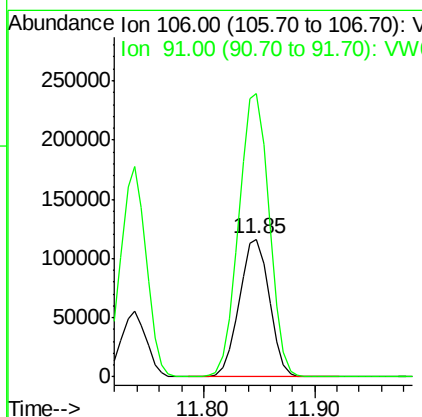
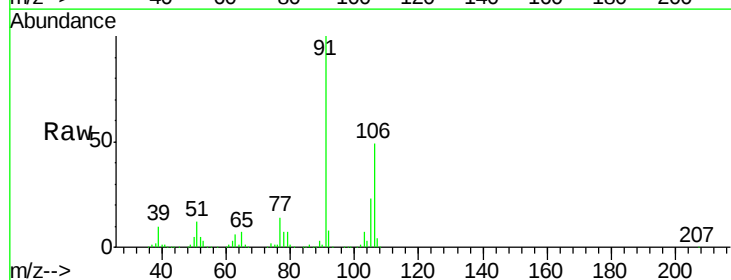
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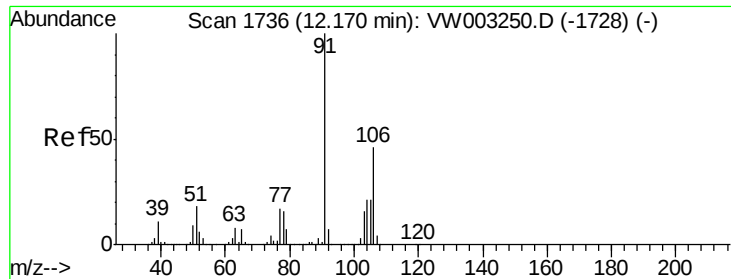
apatel
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#68
m/p-Xylenes
Concen: 42.19 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Tgt Ion: 106 Resp: 218615
Ion Ratio Lower Upper
106 100
91 207.6 165.4 248.0





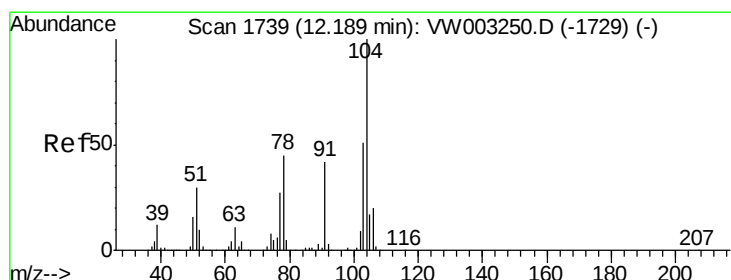
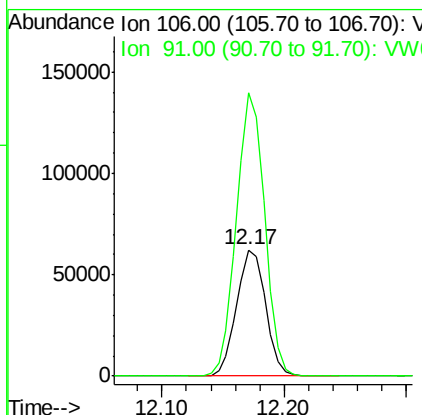
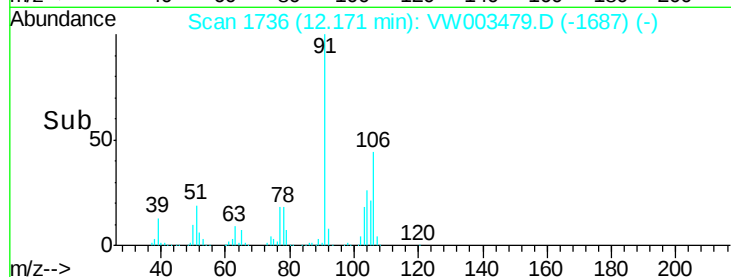
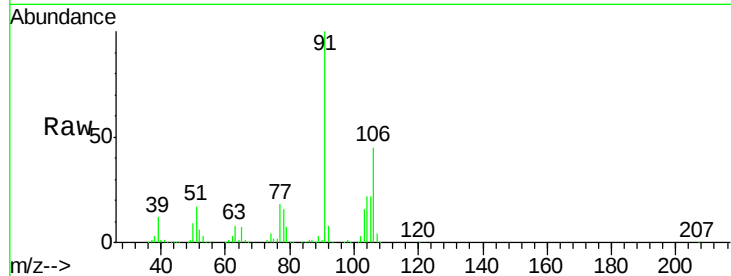
#69
o-Xylene
Concen: 21.28 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS02

Tot Ion	Ratio	Lower	Upper
106	100		
91	218.6	108.6	325.6

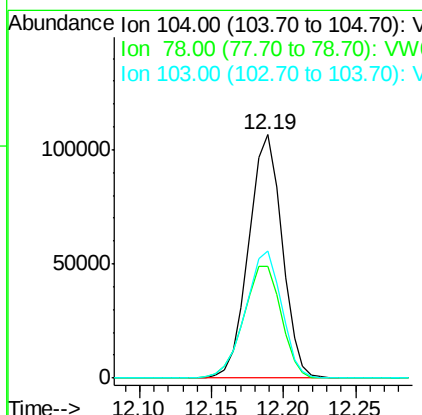
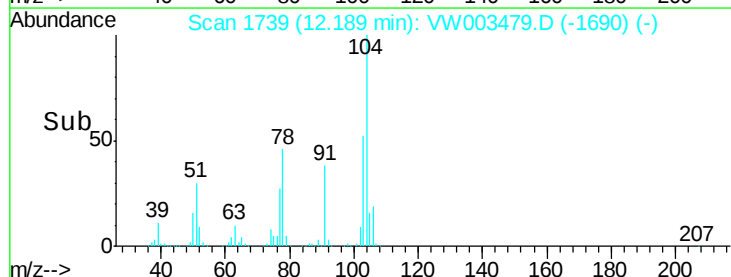
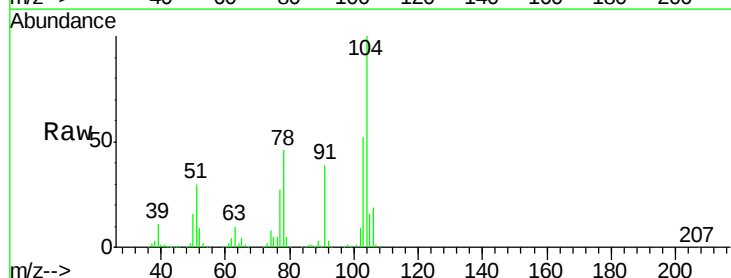
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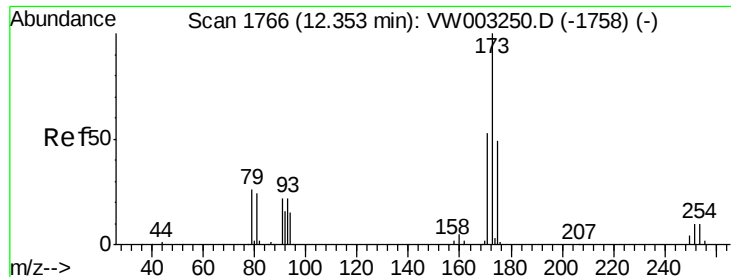
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#70
Styrene
Concen: 21.35 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.4	41.3	61.9
103	56.8	45.0	67.4





#71

Bromoform

Concen: 21.22 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS02

Tot Ion:173 Resp: 29713

Ion Ratio Lower Upper

173 100

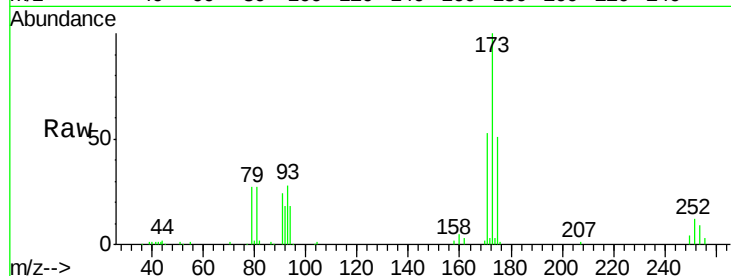
175 49.3 24.4 73.4

254 0.0 0.1 0.1#

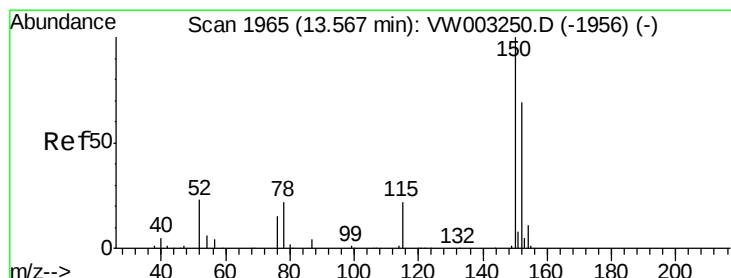
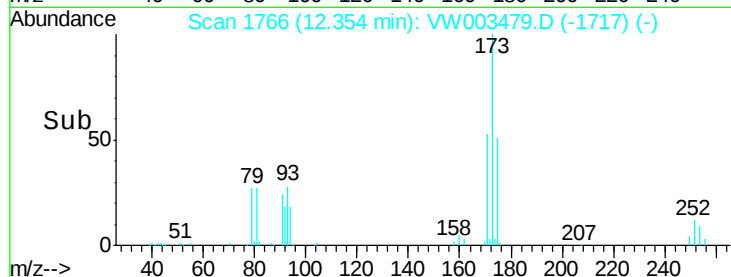
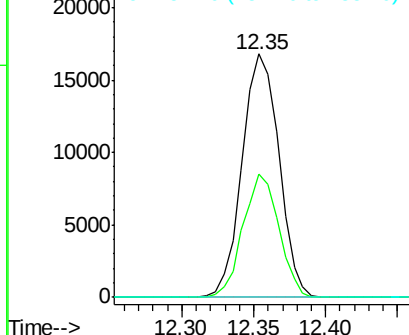
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

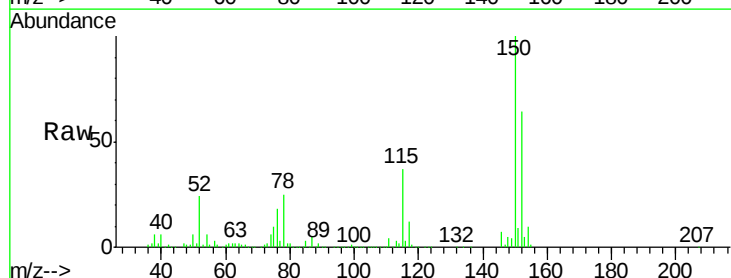
Tgt Ion:152 Resp: 198924

Ion Ratio Lower Upper

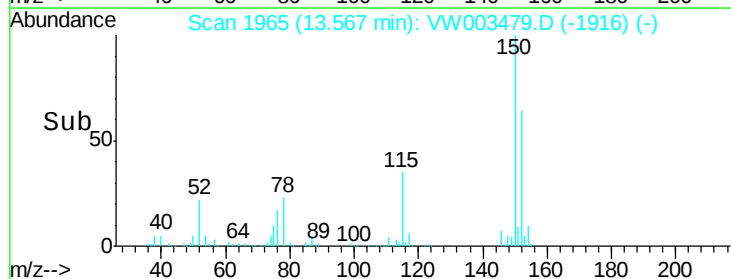
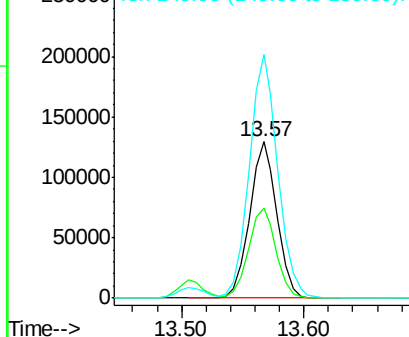
152 100

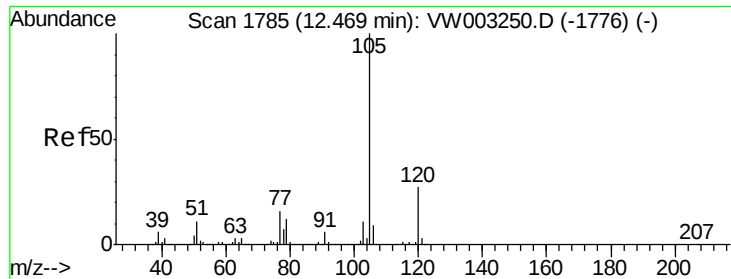
115 58.6 29.3 88.0

150 163.8 0.0 349.6



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





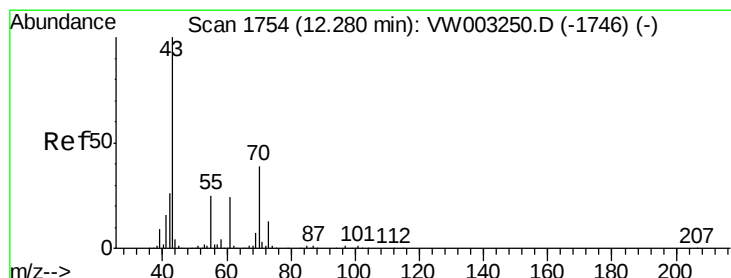
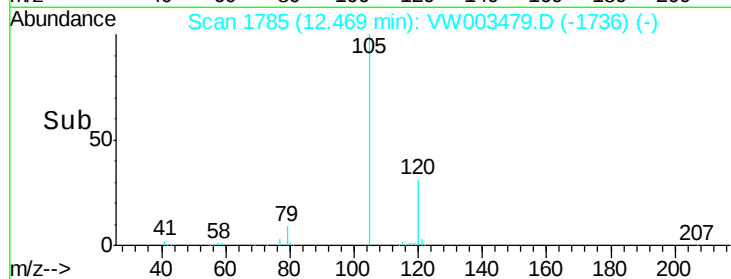
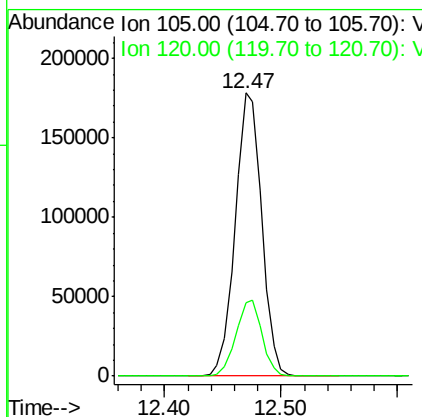
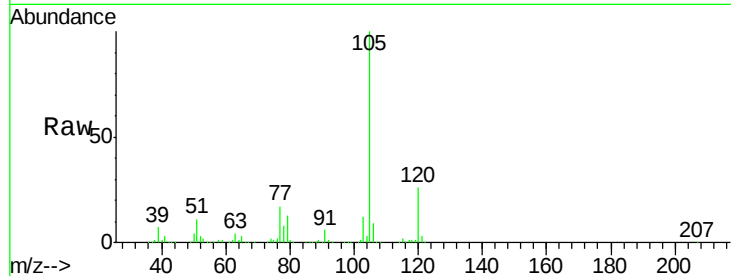
#73
Isopropylbenzene
Concen: 20.37 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.2	39.6

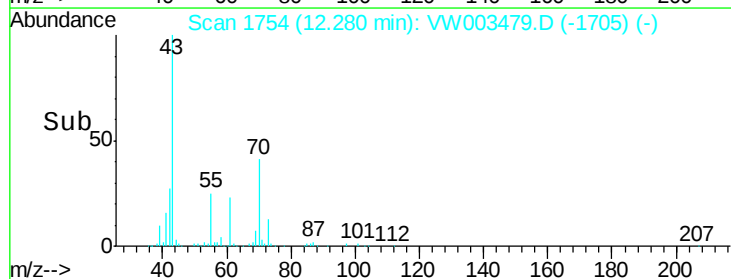
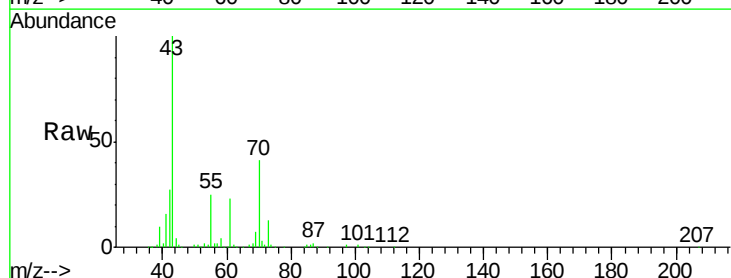
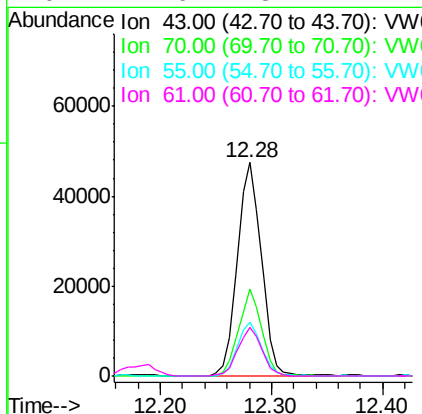
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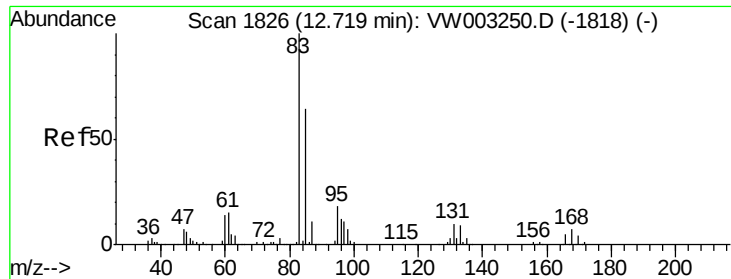
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#74
N-ethyl acetate
Concen: 22.61 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Tgt Ion	Ratio	Lower	Upper
43	100		
70	38.6	31.0	46.6
55	25.4	19.7	29.5
61	22.6	18.1	27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.95 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Instrument :

MSVOA_W

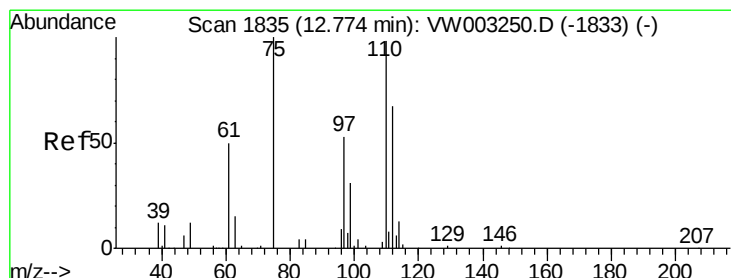
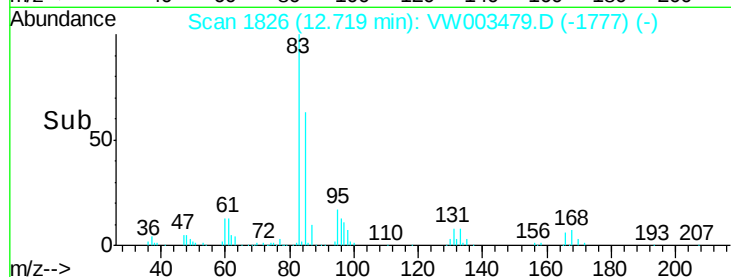
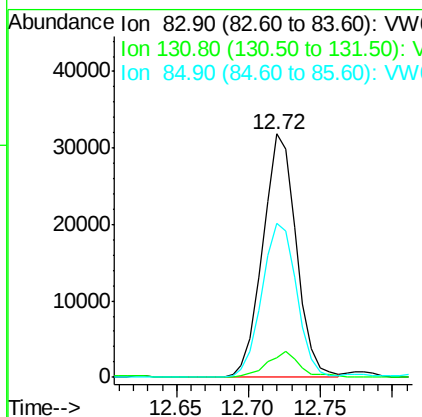
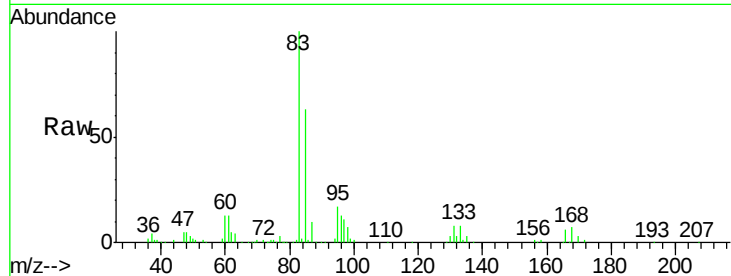
ClientSampleId :

VW0623SBS02

Tot Ion:	83	Resp:	51391
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.4	16.2
85	65.6	31.9	95.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.93 ug/l m

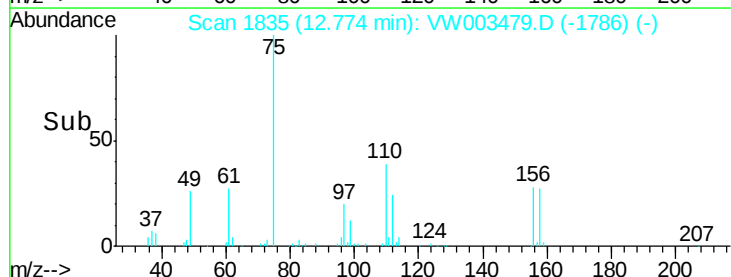
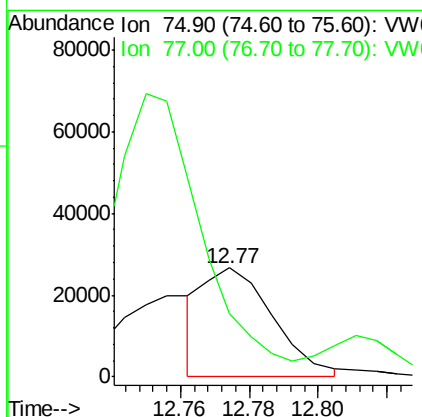
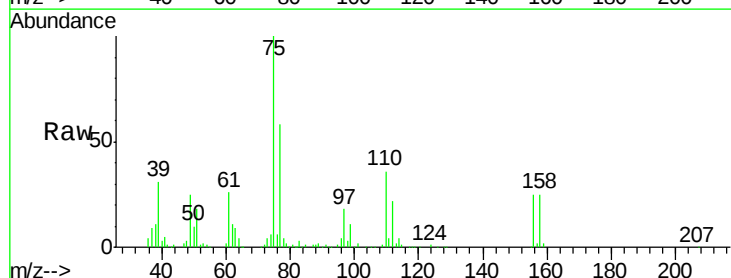
RT: 12.77 min Scan# 1835

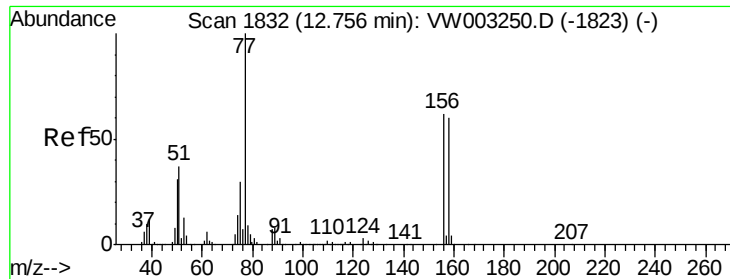
Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Tgt Ion:	75	Resp:	37297
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.49 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Instrument :

MSVOA_W

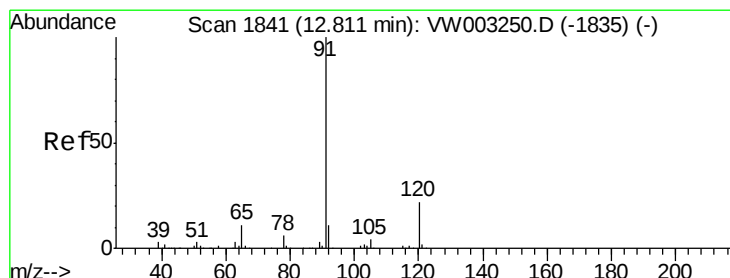
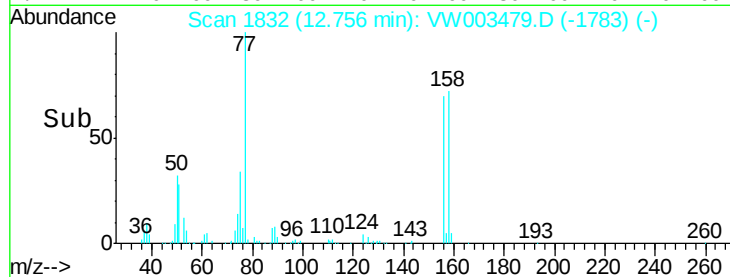
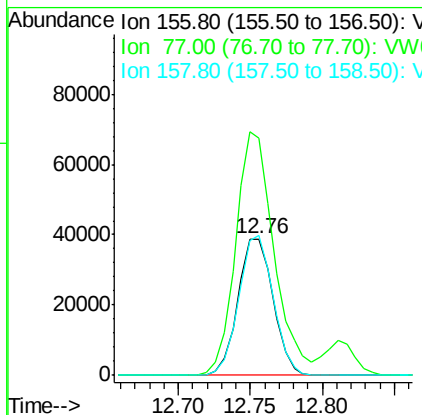
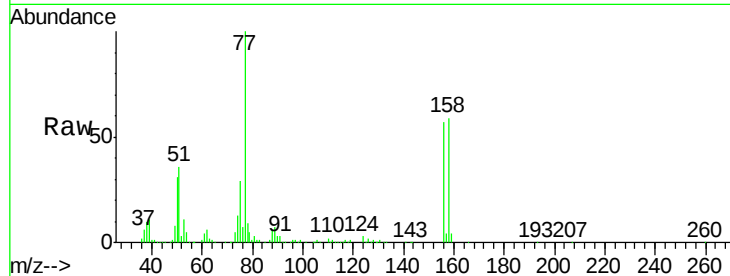
ClientSampleId :

VW0623SBS02

Tot Ion:	156	Resp:	66015
Ion Ratio	Lower	Upper	
156	100		
77	194.3	92.3	276.9
158	99.6	47.5	142.6

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#78

n-propylbenzene

Concen: 20.66 ug/l

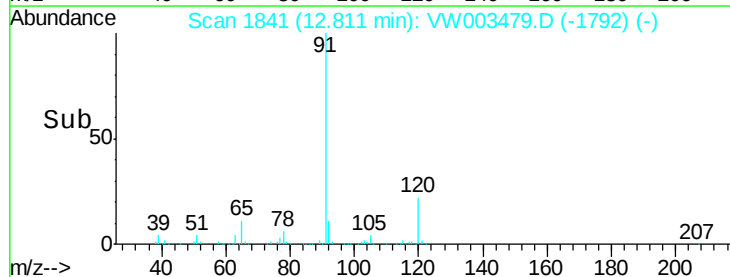
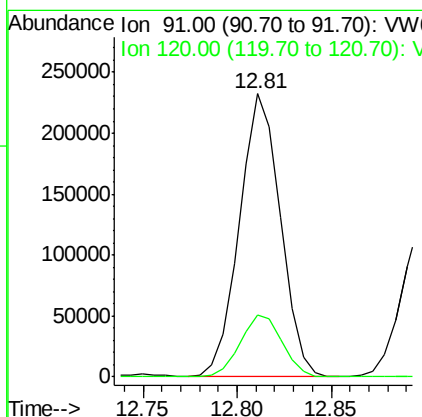
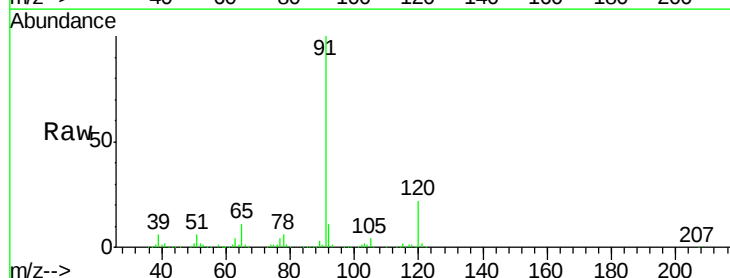
RT: 12.81 min Scan# 1841

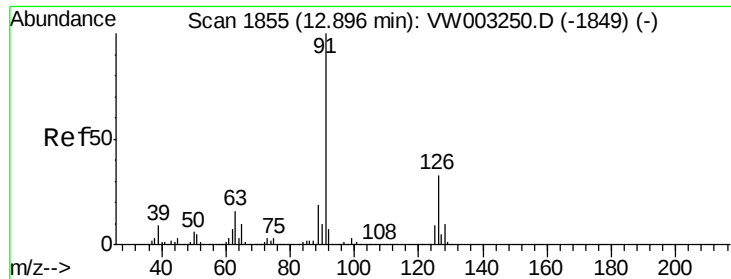
Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Tgt Ion:	91	Resp:	350046
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.3	33.8





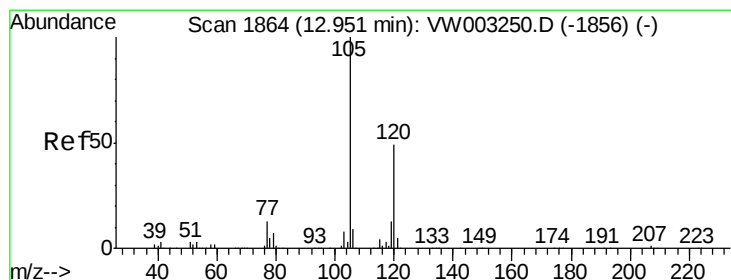
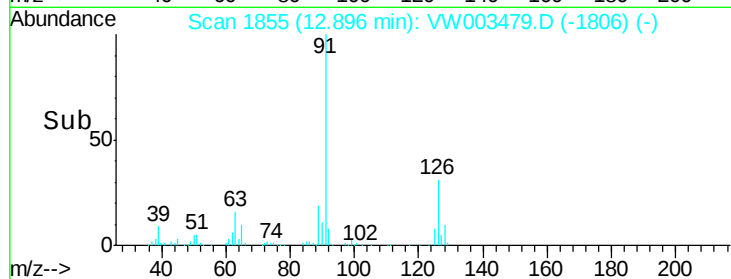
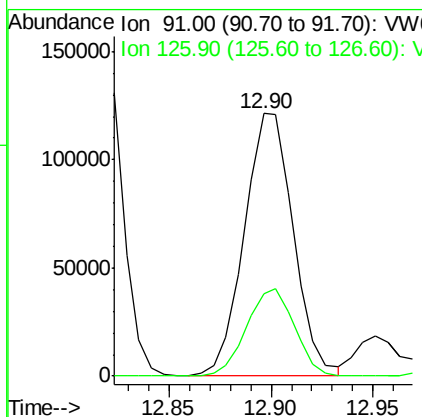
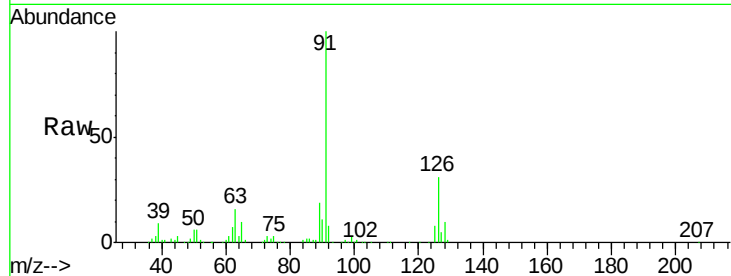
#79
 2-Chlorotoluene
 Concen: 21.20 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW003479.D
 Acq: 24 Jun 2018 01:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS02

Tot Ion: 91 Resp: 202965
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.8 50.4

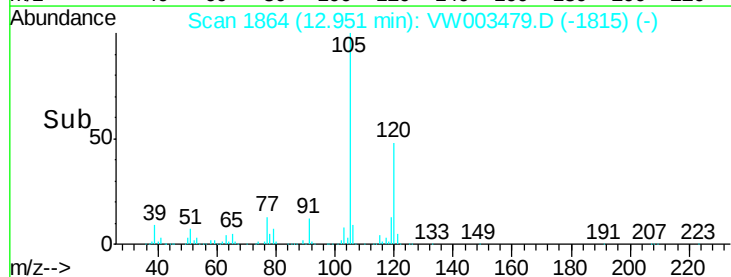
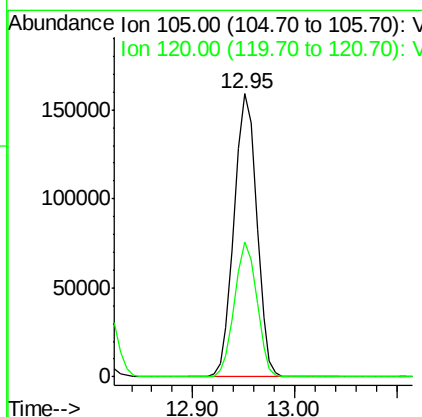
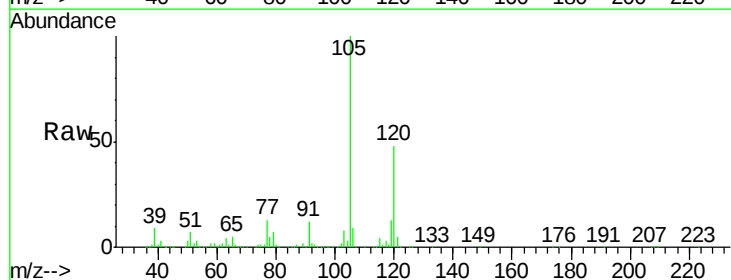
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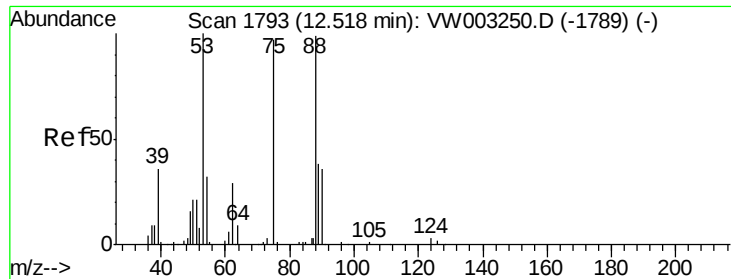
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#80
 1,3,5-Trimethylbenzene
 Concen: 21.03 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW003479.D
 Acq: 24 Jun 2018 01:04

Tgt Ion: 105 Resp: 244196
 Ion Ratio Lower Upper
 105 100
 120 47.1 24.3 72.9





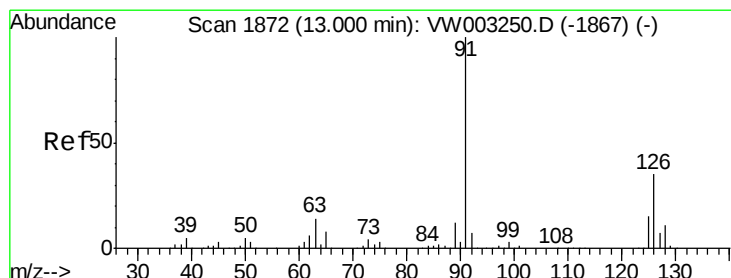
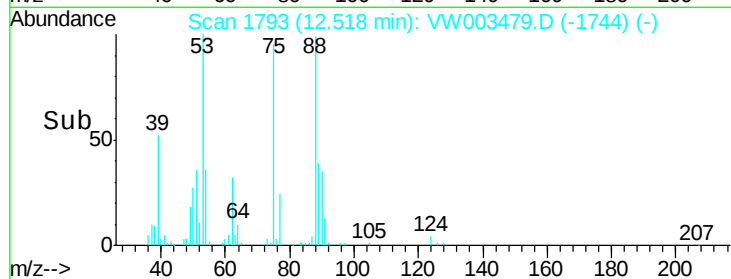
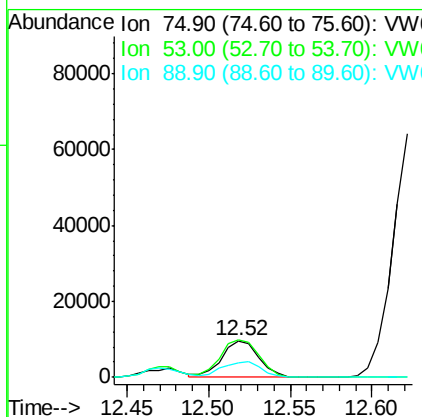
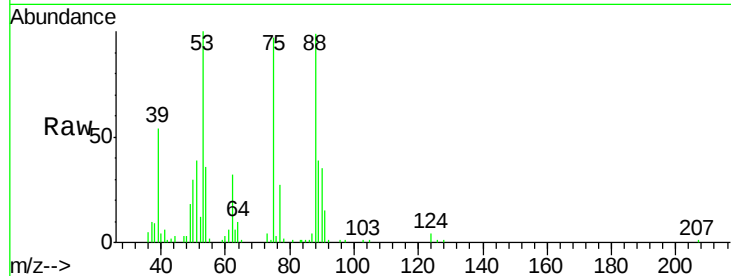
#81
trans-1,4-Dichloro-2-butene
Concen: 20.68 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	107.1	82.9	124.3
89	45.7	36.7	55.1

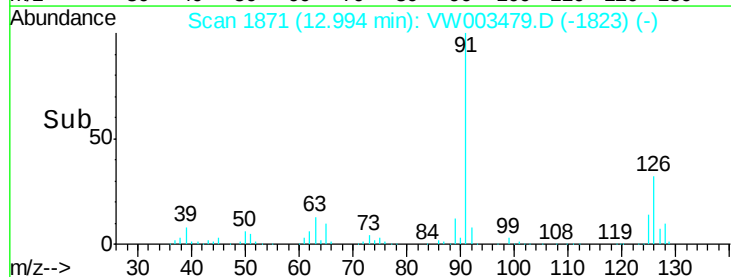
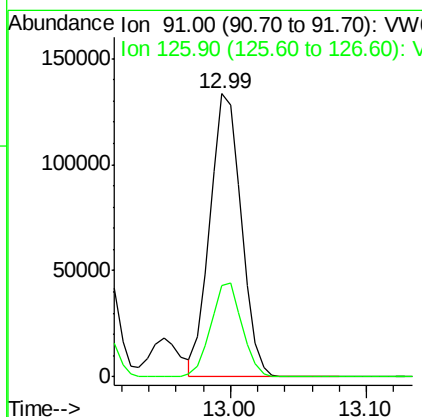
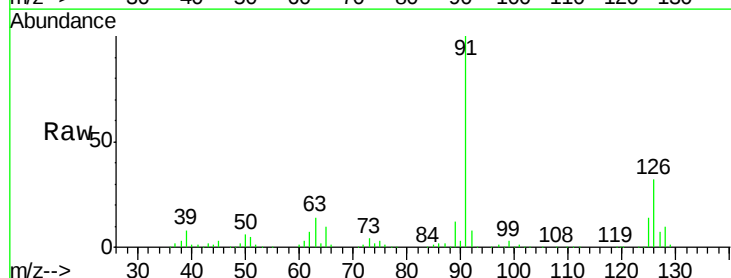
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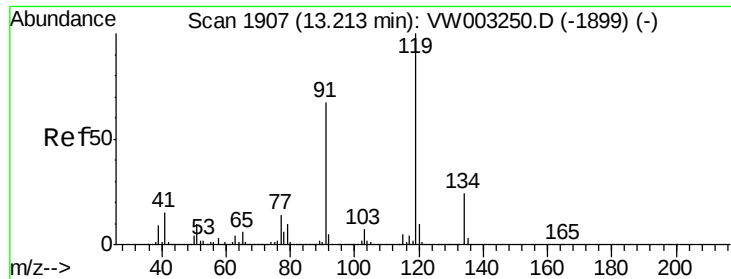
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#82
4-Chlorotoluene
Concen: 20.89 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.01 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.8	50.3





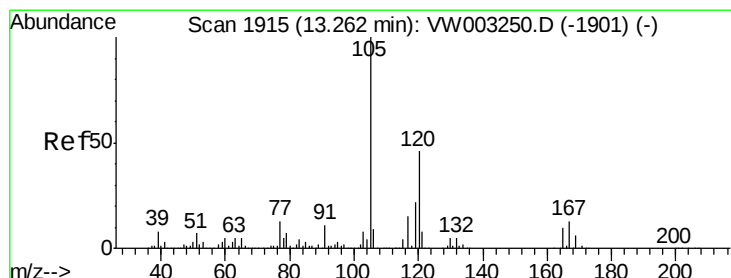
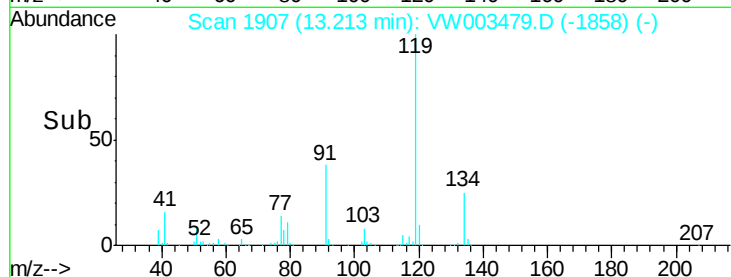
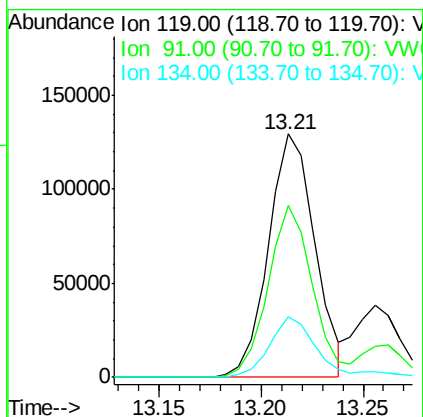
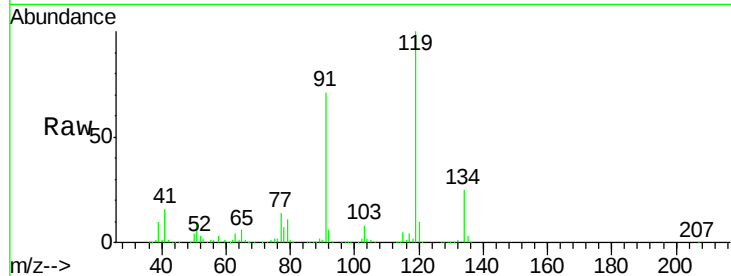
#83
tert-Butylbenzene
Concen: 20.73 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	205158		
91	68.0	33.9	101.7	
134	26.3	13.4	40.1	

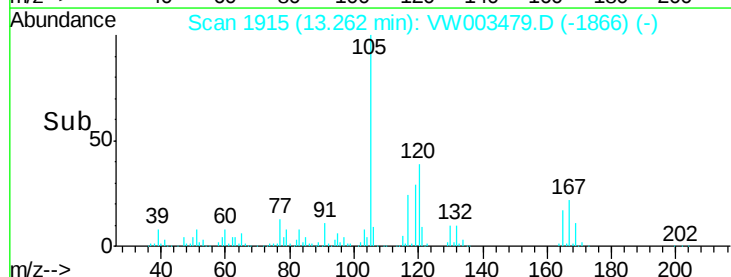
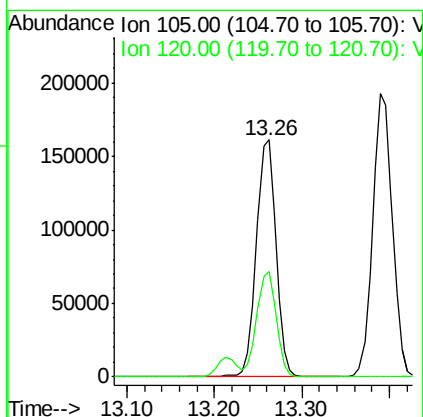
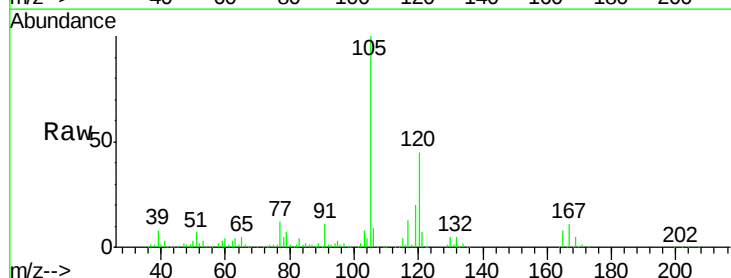
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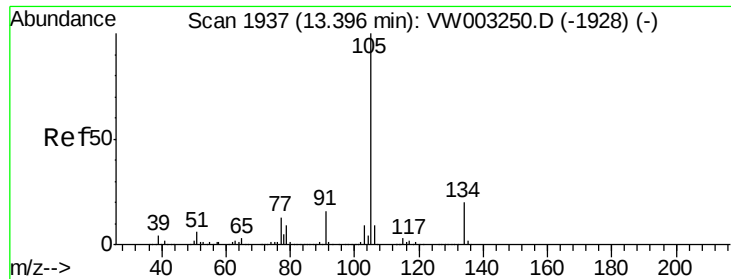
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#84
1,2,4-Trimethylbenzene
Concen: 21.11 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	252189		
120	44.2	22.5	67.5	





#85

sec-Butylbenzene

Concen: 20.52 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS02

Tot Ion:105 Resp: 301905

Ion Ratio Lower Upper

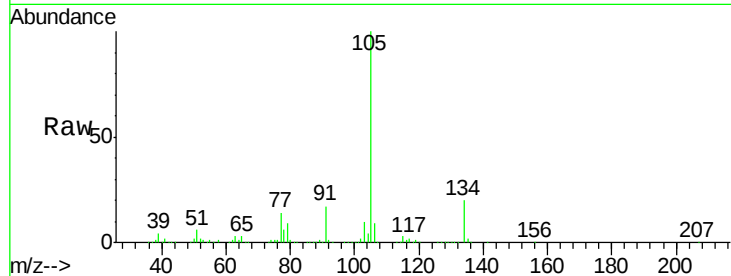
105 100

134 19.6 9.8 29.5

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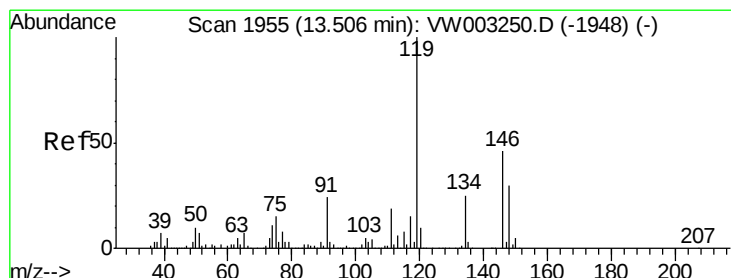
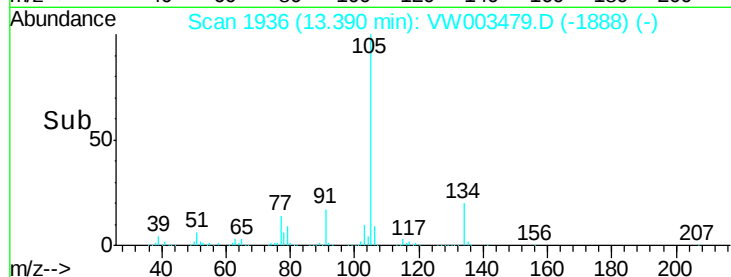
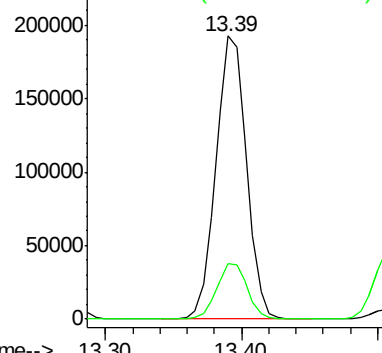
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.41 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

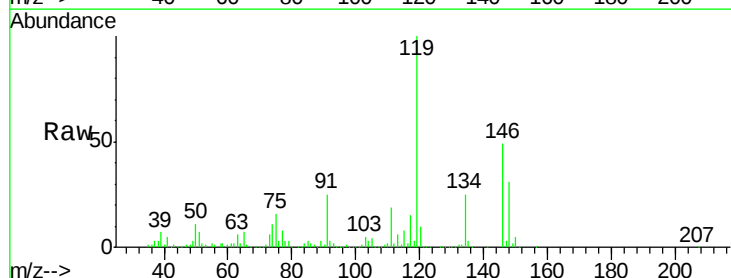
Tgt Ion:119 Resp: 264828

Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.7

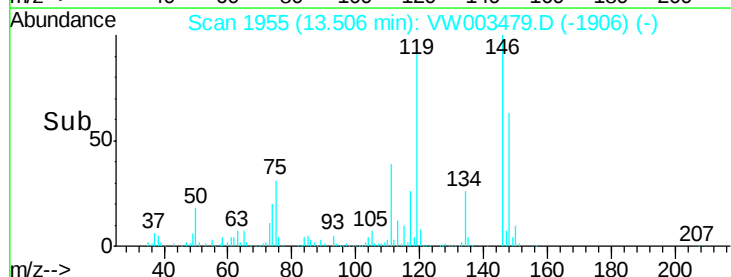
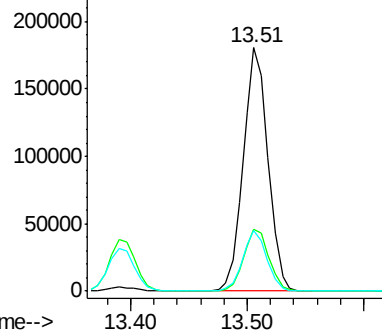
91 24.4 11.8 35.3

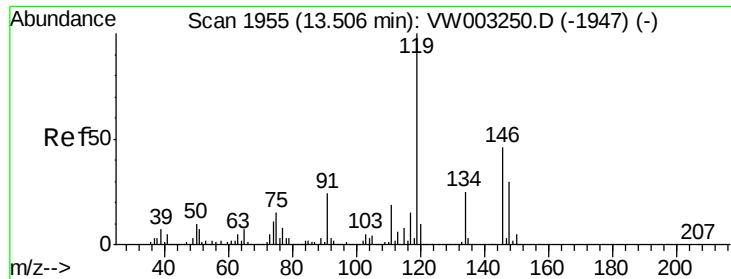


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.81 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Instrument :

MSVOA_W

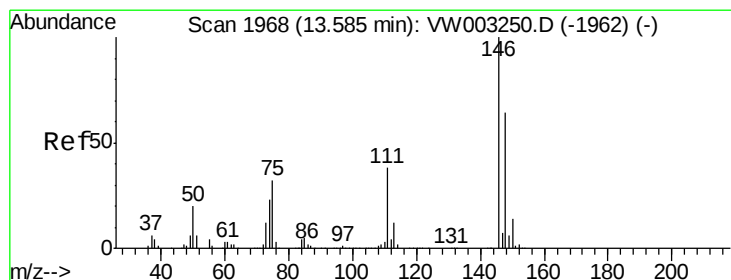
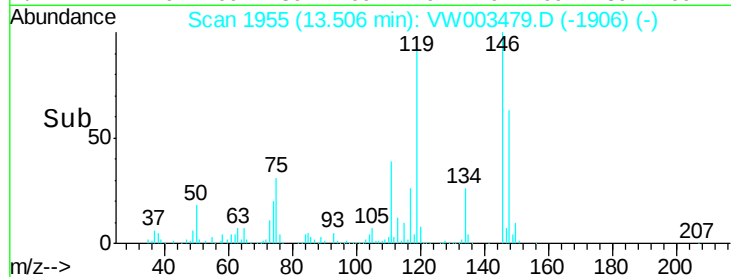
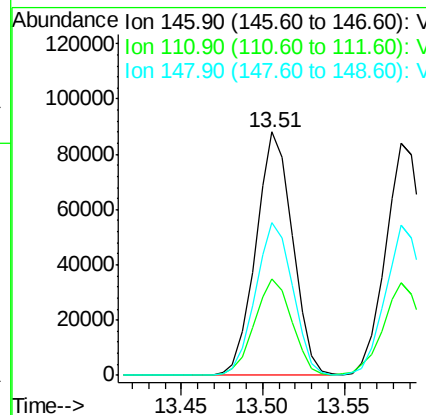
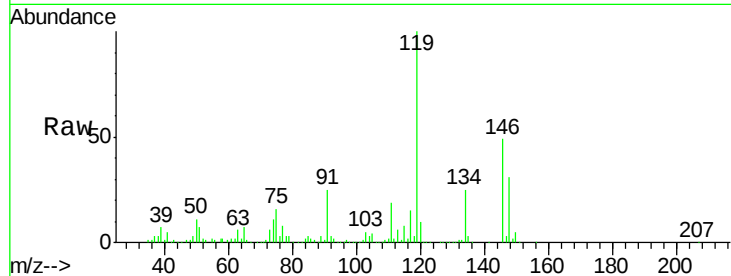
ClientSampleId :

VW0623SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.8	59.4
148	63.8	32.1	96.5

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#88

1,4-Dichlorobenzene

Concen: 20.55 ug/l

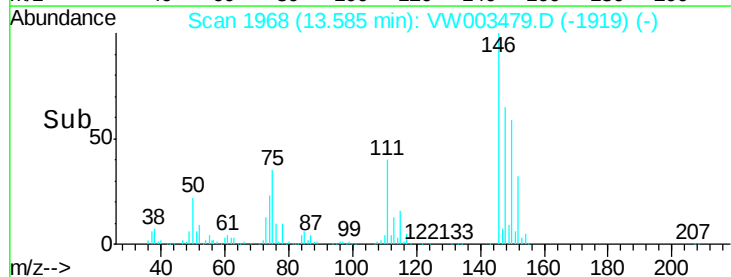
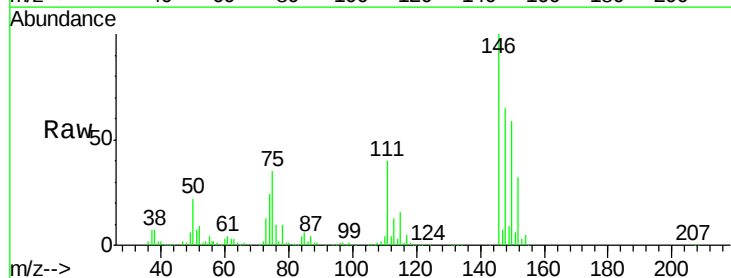
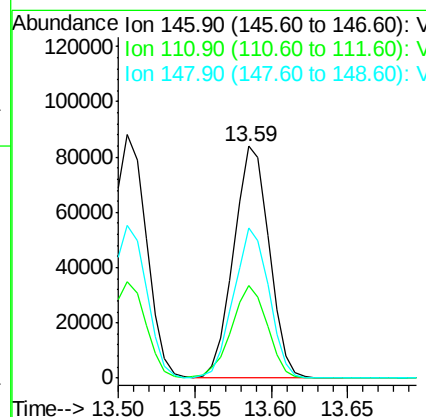
RT: 13.59 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.2	57.6
148	64.4	31.8	95.4





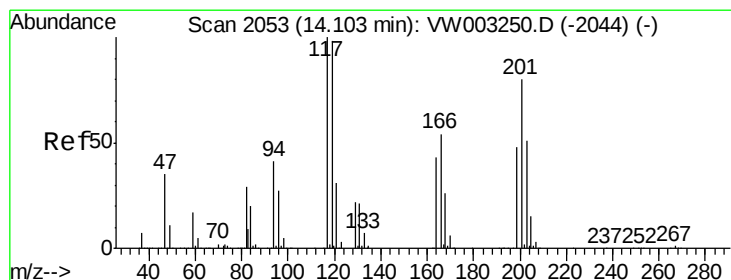
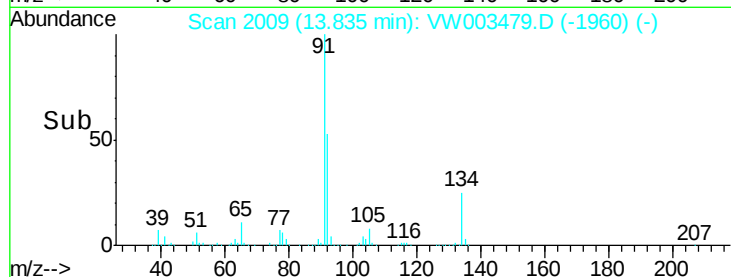
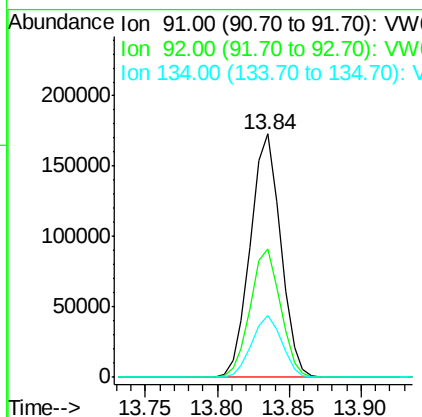
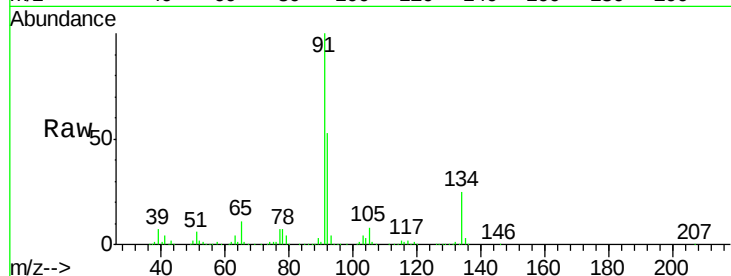
#89
n-Butylbenzene
Concen: 19.91 ug/l
RT: 13.84 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.0	78.0
134	25.0	12.7	38.0

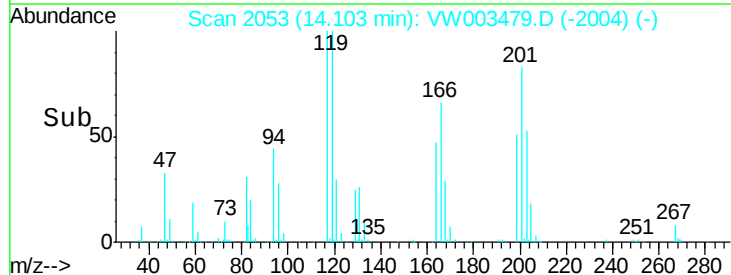
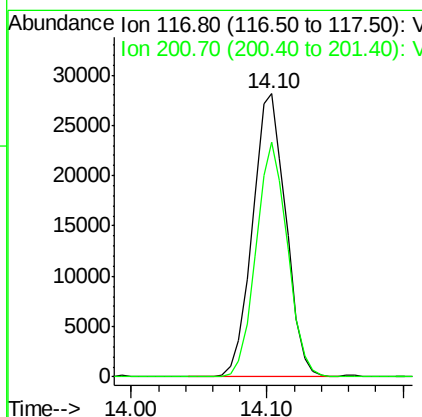
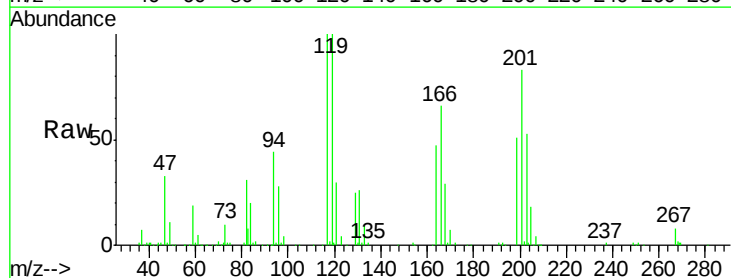
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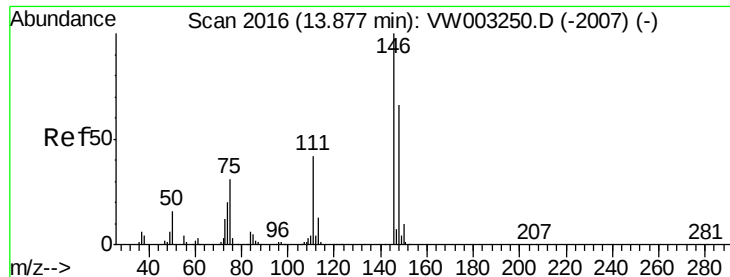
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#90
Hexachloroethane
Concen: 20.56 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003479.D
Acq: 24 Jun 2018 01:04

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.2	39.5	118.5





#91

1,2-Dichlorobenzene

Concen: 21.54 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Instrument :

MSVOA_W

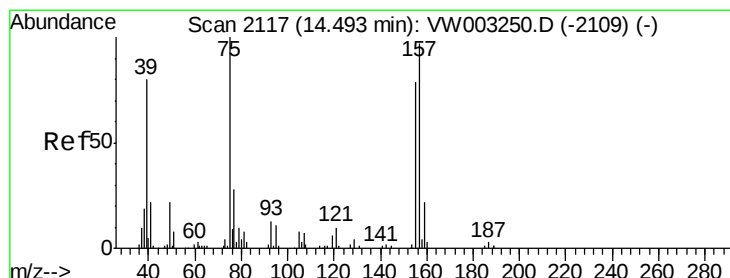
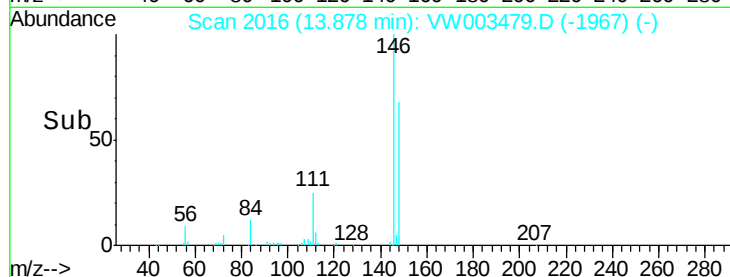
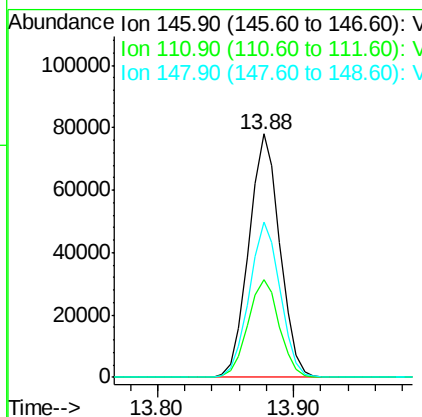
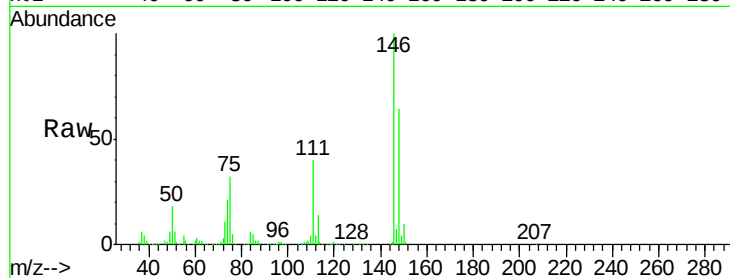
ClientSampleId :

VW0623SBS02

Tot Ion:	146	Resp:	124878
Ion Ratio	Lower	Upper	
146	100		
111	40.4	20.3	61.0
148	63.7	32.3	96.9

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#92

1,2-Dibromo-3-Chloropropane

Concen: 23.48 ug/l

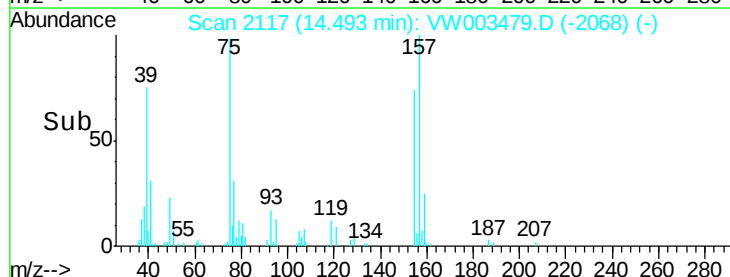
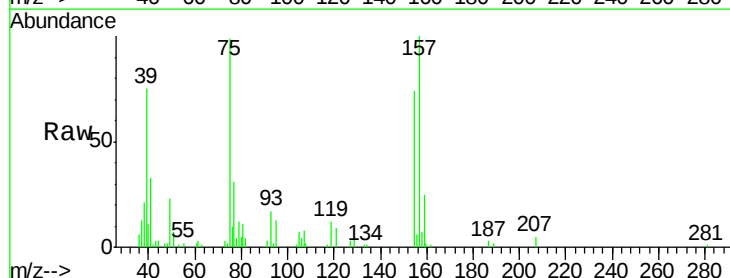
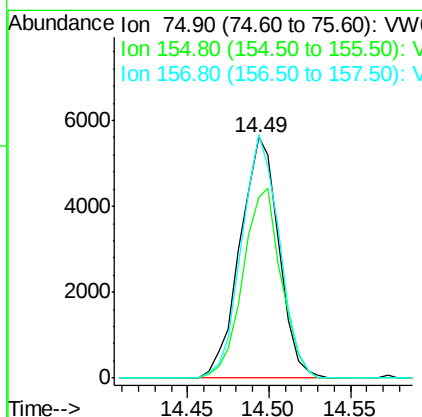
RT: 14.49 min Scan# 2117

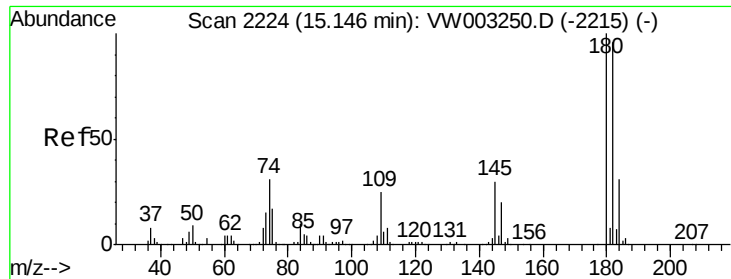
Delta R.T. 0.00 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Tgt Ion:	75	Resp:	9250
Ion Ratio	Lower	Upper	
75	100		
155	77.9	39.4	118.2
157	98.1	51.5	154.5





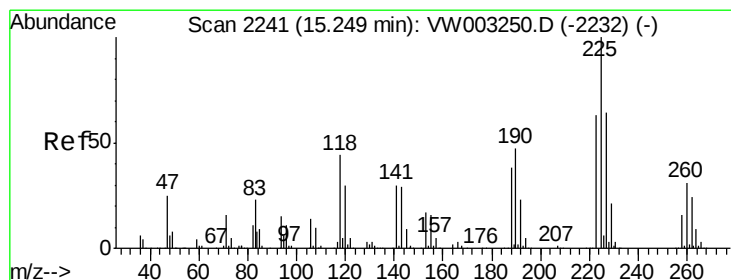
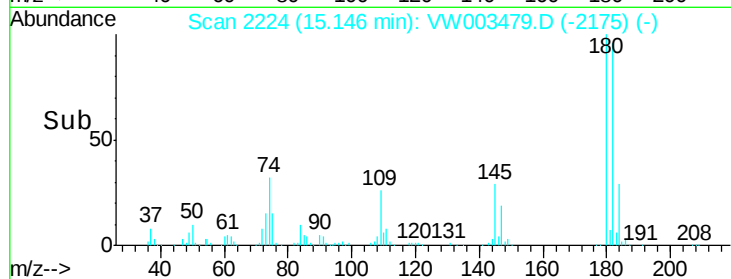
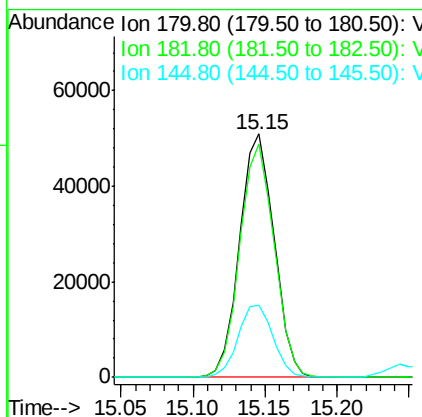
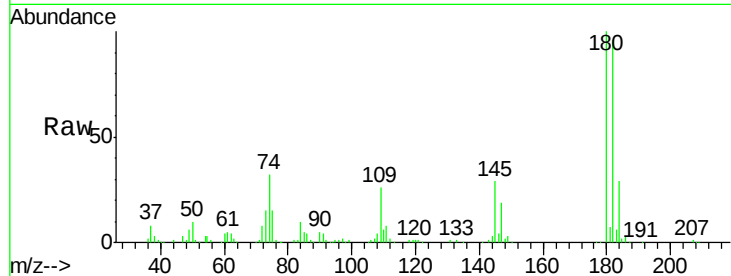
#93
 1,2,4-Trichlorobenzene
 Concen: 20.75 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003479.D
 Acq: 24 Jun 2018 01:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.9	143.6
145	30.3	15.2	45.5

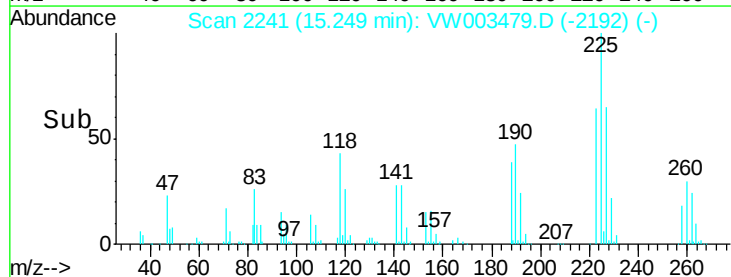
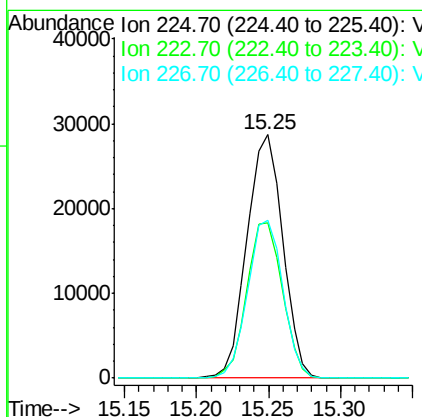
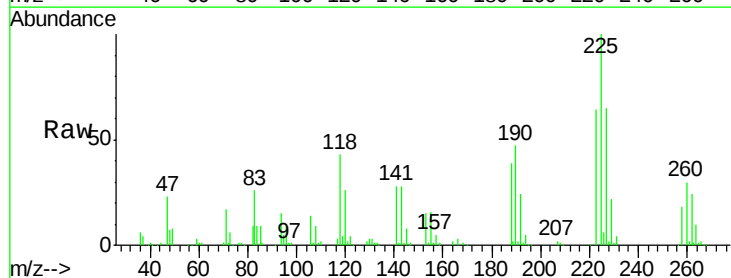
Manual Integrations
 APPROVED

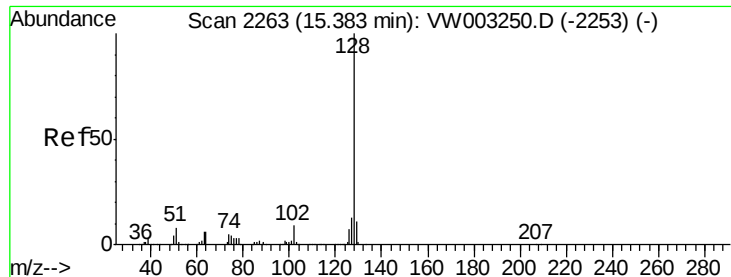
apatel
 6/26/2018 11:09:52 AM



#94
 Hexachlorobutadiene
 Concen: 20.16 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003479.D
 Acq: 24 Jun 2018 01:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	30.6	92.0
227	63.9	31.7	95.1





#95

Naphthalene

Concen: 22.10 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.01 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Instrument :

MSVOA_W

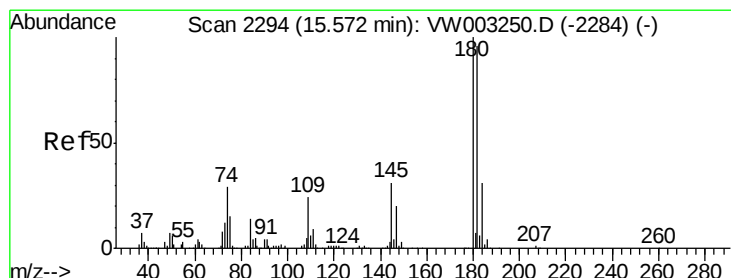
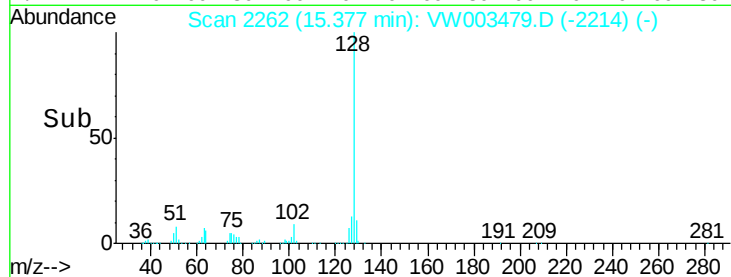
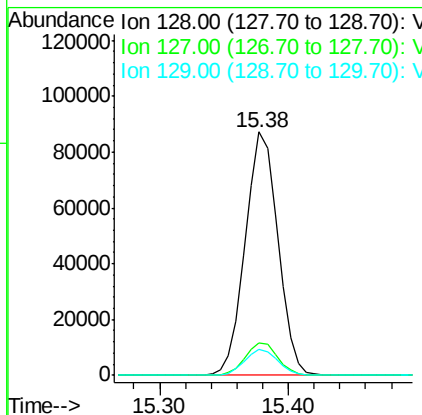
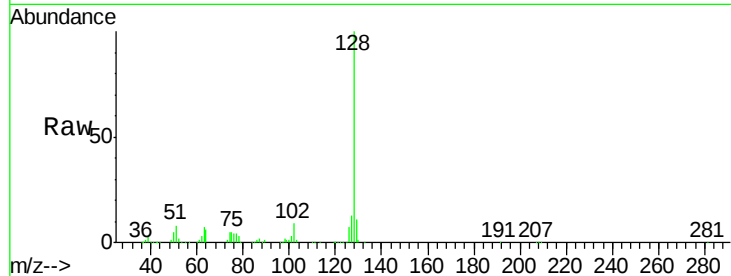
ClientSampleId :

VW0623SBS02

Tot Ion:	128	Resp:	152608
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.5	15.7
129	10.9	8.9	13.3

Manual Integrations
APPROVED

apatel
6/26/2018 11:09:52 AM



#96

1,2,3-Trichlorobenzene

Concen: 21.23 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. -0.01 min

Lab File: VW003479.D

Acq: 24 Jun 2018 01:04

Tgt Ion:	180	Resp:	76049
Ion Ratio	Lower	Upper	
180	100		
182	94.2	47.9	143.6
145	31.4	15.8	47.4

