

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080818\
 Data File : VW004504.D
 Acq On : 07 Aug 2018 20:45
 Operator : SY/AP
 Sample : VW0808SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

Manual Integrations
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 8/8/2018 2:24:36 PM

Quant Time: Aug 08 08:51:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	669233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1086808	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1045421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	561968	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	396590	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	
35) Dibromofluoromethane	7.88	113	369458	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
50) Toluene-d8	10.33	98	1439757	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
62) 4-Bromofluorobenzene	12.62	95	528644	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	89188	19.42	ug/l	95
3) Chloromethane	2.22	50	124414	19.44	ug/l	99
4) Vinyl Chloride	2.37	62	185257	20.73	ug/l	96
5) Bromomethane	2.78	94	112658	21.65	ug/l	92
6) Chloroethane	2.93	64	113710	21.29	ug/l	98
7) Trichlorofluoromethane	3.25	101	67443	20.43	ug/l	95
8) Diethyl Ether	3.67	74	89309	21.39	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	146555	20.10	ug/l	99
10) Methyl Iodide	4.26	142	232648	21.27	ug/l	100
11) Tert butyl alcohol	5.24	59	42055	96.95	ug/l	97
12) 1,1-Dichloroethene	4.04	96	148441	20.23	ug/l	99
13) Acrolein	3.90	56	59469	111.90	ug/l	98
14) Allyl chloride	4.66	41	230209	20.88	ug/l	100
15) Acrylonitrile	5.38	53	196404	105.83	ug/l	99
16) Acetone	4.15	43	201223	108.76	ug/l	99
17) Carbon Disulfide	4.38	76	481792	20.43	ug/l	100
18) Methyl Acetate	4.68	43	92970	20.15	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	208327	20.81	ug/l	99
20) Methylene Chloride	4.92	84	247848	22.57	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	161214	20.38	ug/l	98
22) Diisopropyl ether	6.31	45	503913	22.24	ug/l	96
23) Vinyl Acetate	6.26	43	1412876	103.75	ug/l	99
24) 1,1-Dichloroethane	6.21	63	303984	20.96	ug/l	100
25) 2-Butanone	7.18	43	301881	101.44	ug/l	98
26) 2,2-Dichloropropane	7.17	77	151702	19.93	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	176835	20.78	ug/l	99
28) Bromochloromethane	7.51	49	135934	21.54	ug/l	100
29) Tetrahydrofuran	7.54	42	155239	100.90	ug/l	98
30) Chloroform	7.68	83	303222	21.29	ug/l	98
31) Cyclohexane	7.96	56	265896	19.16	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	217671	20.34	ug/l	99
36) 1,1-Dichloropropene	8.09	75	228047	19.49	ug/l	100
37) Ethyl Acetate	7.26	43	109217	19.93	ug/l	98
38) Carbon Tetrachloride	8.07	117	201674	19.15	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	256460	17.88	ug/l	97
40) Benzene	8.32	78	688683	20.04	ug/l	100
41) Methacrylonitrile	7.49	41	62726	20.49	ug/l	95
42) 1,2-Dichloroethane	8.40	62	195383	20.55	ug/l	99
43) Isopropyl Acetate	8.43	43	188417	19.72	ug/l	100
44) Trichloroethene	9.09	130	162924	19.29	ug/l	100
45) 1,2-Dichloropropane	9.37	63	174148	20.24	ug/l	99
46) Dibromomethane	9.46	93	89393	20.41	ug/l	99
47) Bromodichloromethane	9.65	83	206240	19.94	ug/l	99
48) Methyl methacrylate	9.44	41	89384	20.02	ug/l	99
49) 1,4-Dioxane	9.49	88	26702	399.51	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	664972	100.00	ug/l	99
52) Toluene	10.39	92	413231	20.39	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	204261	19.67	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	241582	19.96	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	128246	20.42	ug/l	98
56) Ethyl methacrylate	10.65	69	144822	19.26	ug/l	99
57) 1,3-Dichloropropane	10.93	76	220657	20.39	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	382037	101.21	ug/l	100
59) 2-Hexanone	10.98	43	445427	98.80	ug/l	98
60) Dibromochloromethane	11.13	129	135193	19.80	ug/l	99
61) 1,2-Dibromoethane	11.24	107	120638	20.45	ug/l	98
64) Tetrachloroethene	10.87	164	140894	19.32	ug/l	98
65) Chlorobenzene	11.66	112	453139	19.67	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	153081	19.52	ug/l	100
67) Ethyl Benzene	11.74	91	749585	19.19	ug/l	100
68) m/p-Xylenes	11.85	106	595375	39.45	ug/l	100
69) o-Xylene	12.17	106	277695	19.84	ug/l	99
70) Styrene	12.18	104	474483	20.06	ug/l	99
71) Bromoform	12.35	173	83871	19.45	ug/l #	98
73) Isopropylbenzene	12.47	105	732204	18.84	ug/l	100
74) N-amyl acetate	12.28	43	179932	19.09	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	160824	19.82	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	130982m	22.52	ug/l	
77) Bromobenzene	12.75	156	188201	20.01	ug/l	100
78) n-propylbenzene	12.81	91	929563	19.38	ug/l	99
79) 2-Chlorotoluene	12.90	91	545374	19.65	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	652552	19.68	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	44213	18.20	ug/l	95
82) 4-Chlorotoluene	12.99	91	590127	20.03	ug/l	99
83) tert-Butylbenzene	13.21	119	527032	18.95	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	683853	19.92	ug/l	99
85) sec-Butylbenzene	13.39	105	796052	18.97	ug/l	99
86) p-Isopropyltoluene	13.51	119	697880	19.19	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	379413	19.58	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	382803	19.84	ug/l	99
89) n-Butylbenzene	13.83	91	668691	18.72	ug/l	99
90) Hexachloroethane	14.10	117	125691	18.68	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	349384	19.87	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	25164	18.98	ug/l	95

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VW0808SBSD01

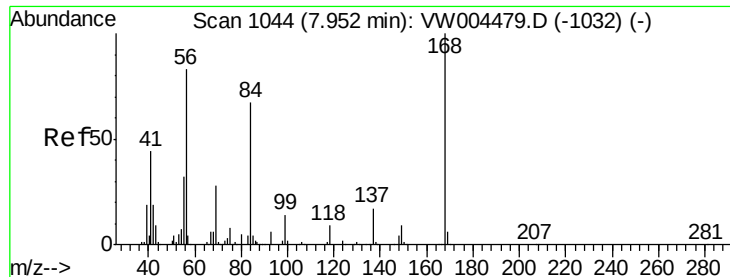
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	238563	19.60	ug/l	99
94) Hexachlorobutadiene	15.24	225	131699	18.58	ug/l	98
95) Naphthalene	15.38	128	431588	19.09	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	218706	20.00	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: VW004504.D

Acq: 07 Aug 2018 20:45

Instrument :

MSVOA_W

ClientSampled :

VW0808SBSD01

Tot Ion:168 Resp: 669233

Ion Ratio Lower Upper

168 100

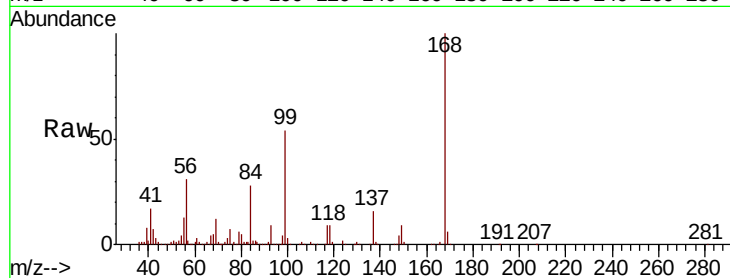
99 54.1 44.1 66.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

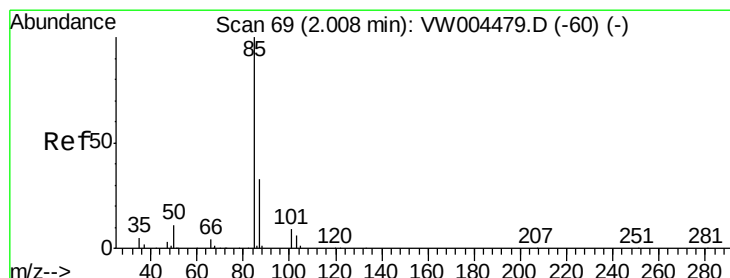
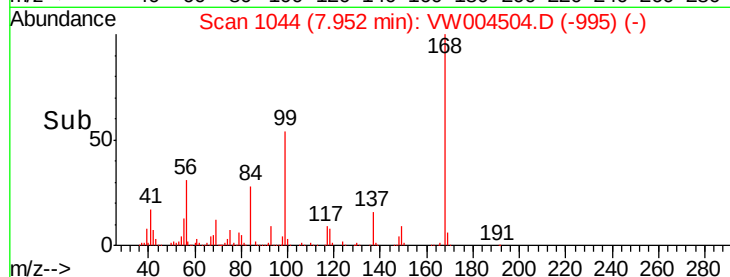
300000

200000

100000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 19.42 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VW004504.D

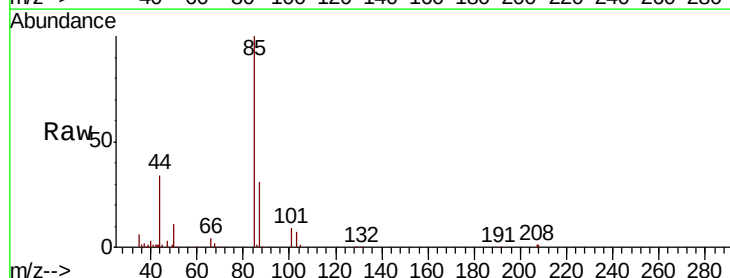
Acq: 07 Aug 2018 20:45

Tgt Ion: 85 Resp: 89188

Ion Ratio Lower Upper

85 100

87 30.7 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

30000

25000

20000

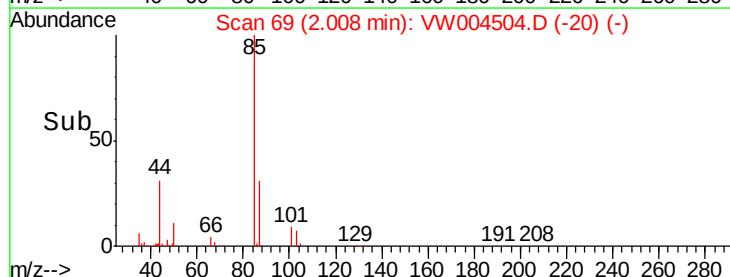
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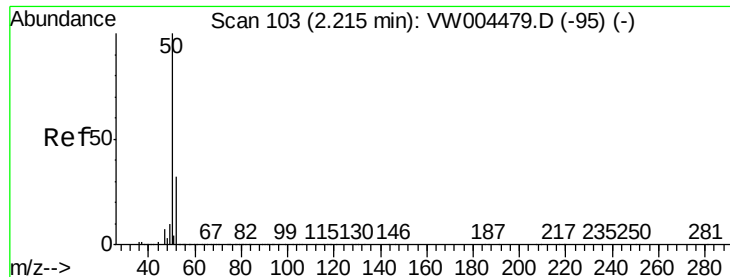
10000

5000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 19.44 ug/l

RT: 2.22 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW004504.D

Acq: 07 Aug 2018 20:45

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBSD01

Tot Ion: 50 Resp: 124414

Ion Ratio Lower Upper

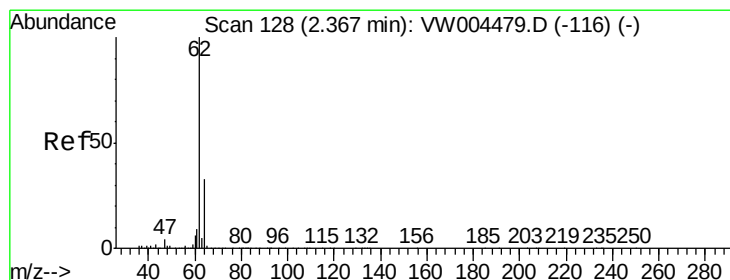
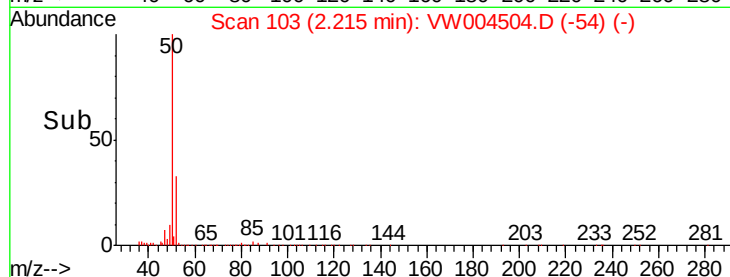
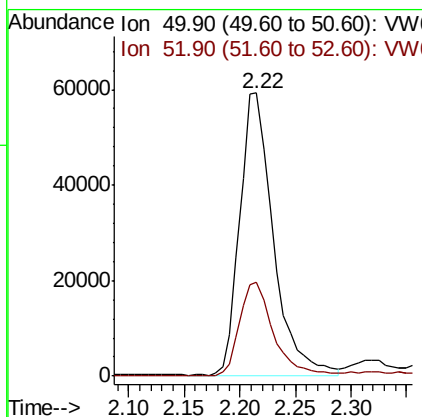
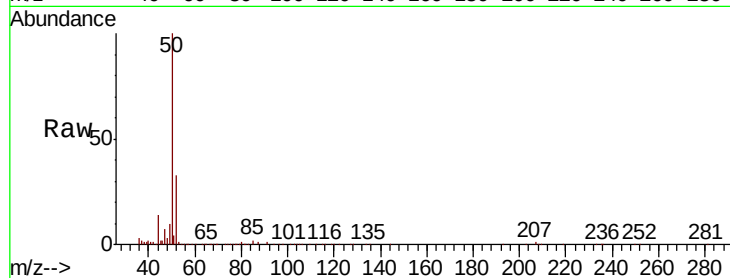
50 100

52 33.1 25.8 38.8

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#4

Vinyl Chloride

Concen: 20.73 ug/l

RT: 2.37 min Scan# 128

Delta R.T. 0.00 min

Lab File: VW004504.D

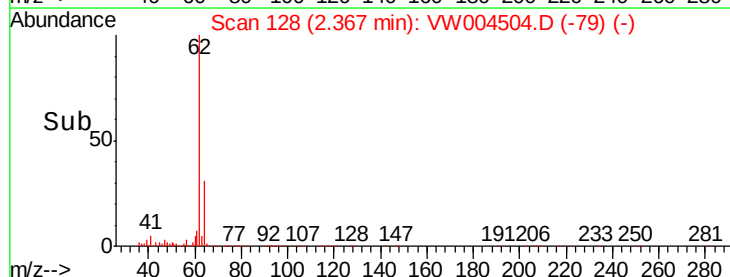
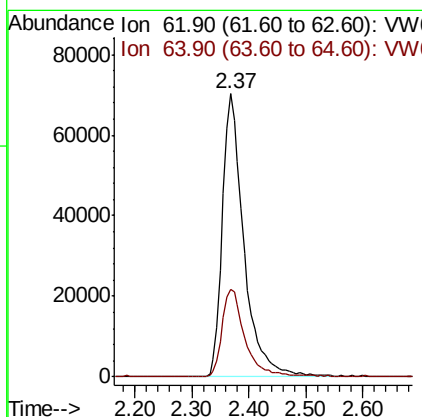
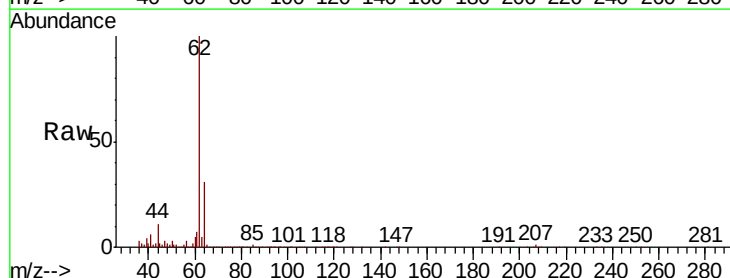
Acq: 07 Aug 2018 20:45

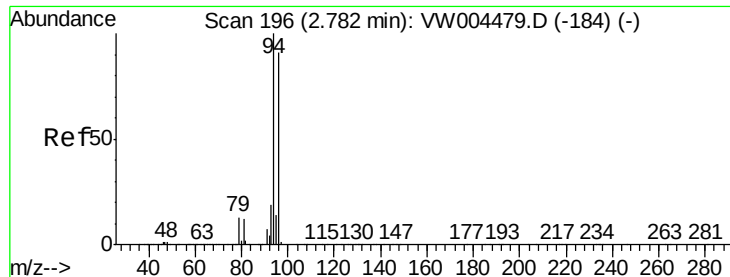
Tgt Ion: 62 Resp: 185257

Ion Ratio Lower Upper

62 100

64 30.6 26.2 39.2





#5

Bromomethane

Concen: 21.65 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW004504.D

Acq: 07 Aug 2018 20:45

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBS01

Tot Ion: 94 Resp: 112658

Ion Ratio Lower Upper

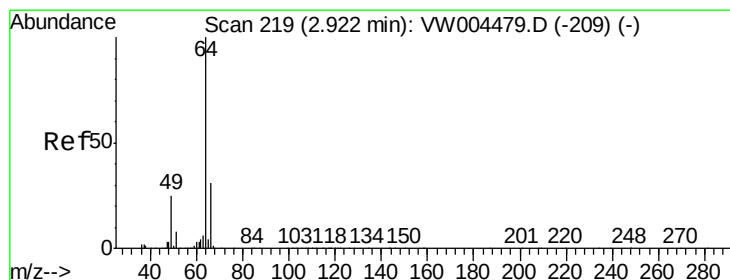
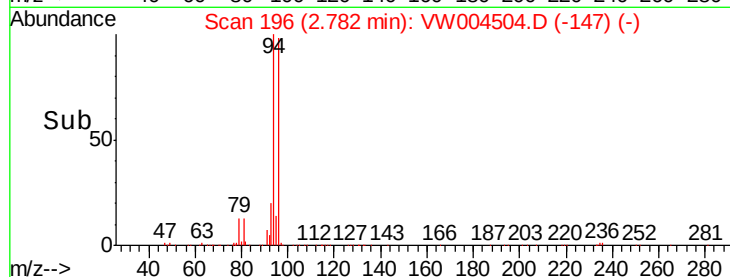
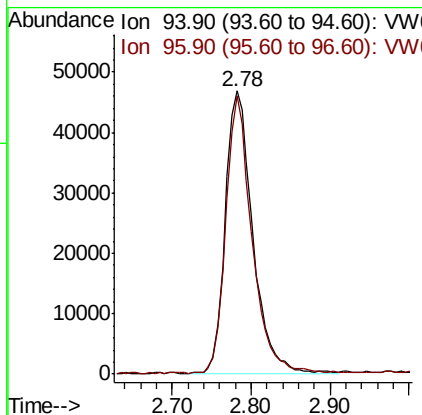
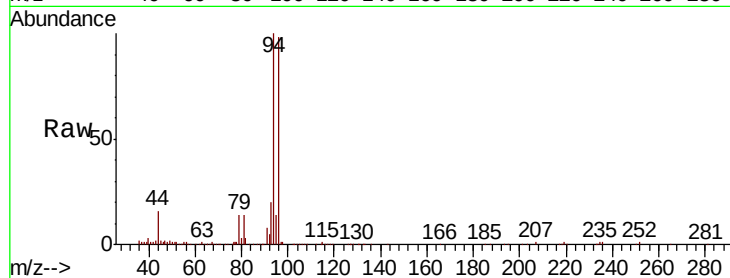
94 100

96 98.3 72.9 109.3

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#6

Chloroethane

Concen: 21.29 ug/l

RT: 2.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VW004504.D

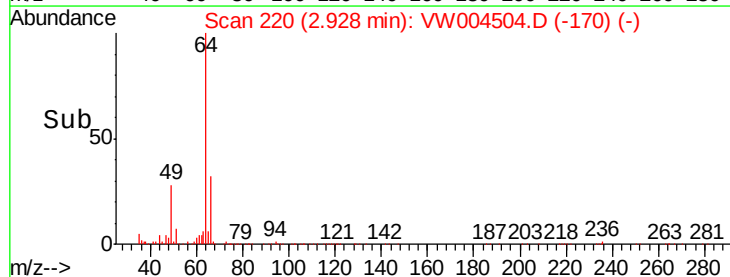
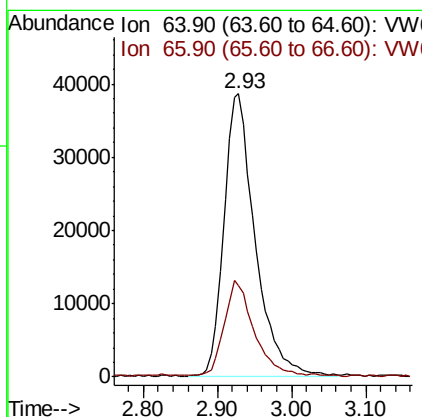
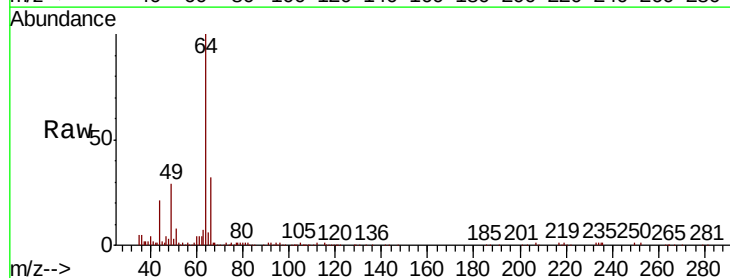
Acq: 07 Aug 2018 20:45

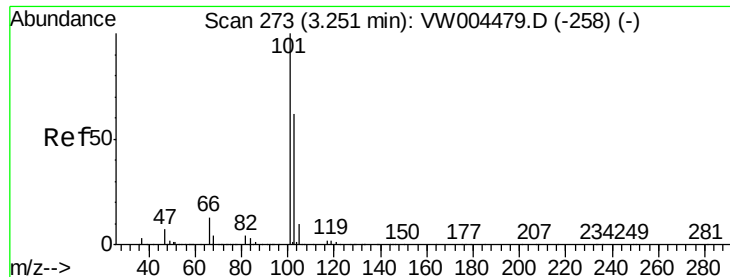
Tgt Ion: 64 Resp: 113710

Ion Ratio Lower Upper

64 100

66 31.7 24.6 36.8





#7

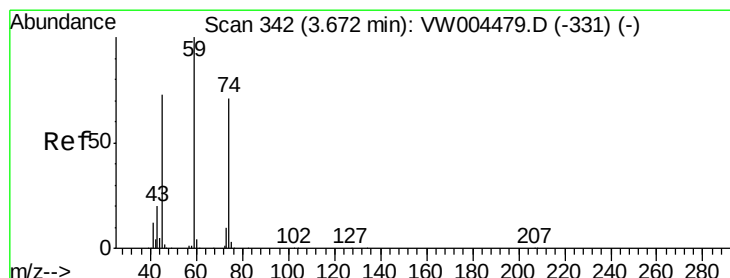
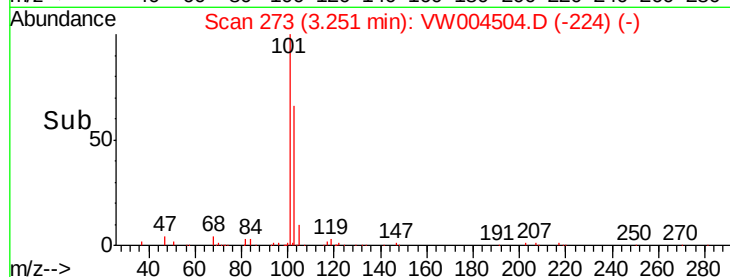
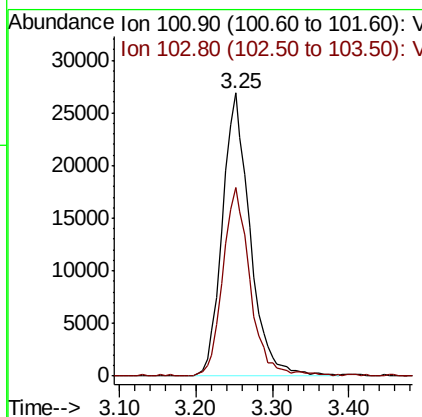
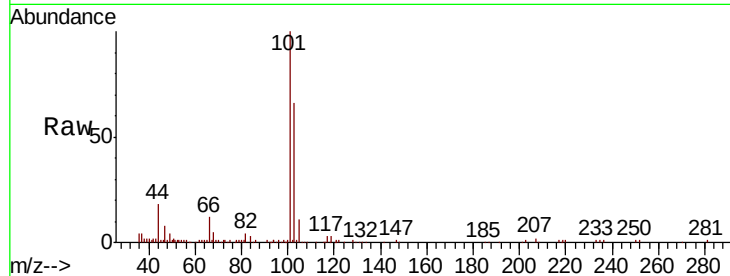
Trichlorofluoromethane
 Concen: 20.43 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.00 min
 Lab File: VW004504.D
 Acq: 07 Aug 2018 20:45

Instrument :
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 ClientSampleId :
 VW0808SBS01

Tot Ion	Ion	Ratio	Lower	Upper
101	100			
103	66.4	49.8	74.8	

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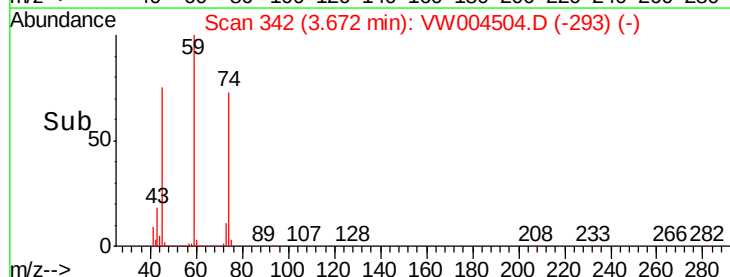
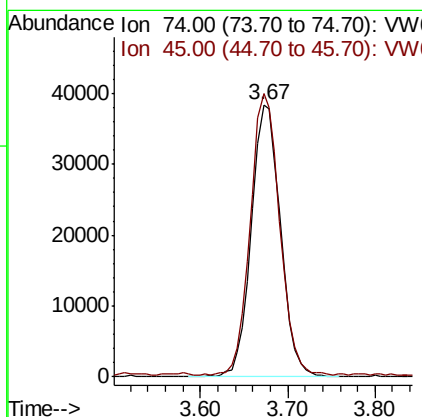
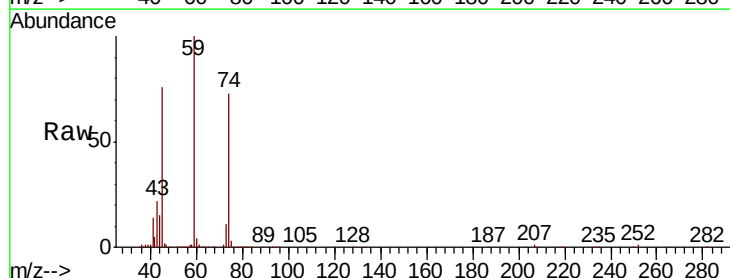
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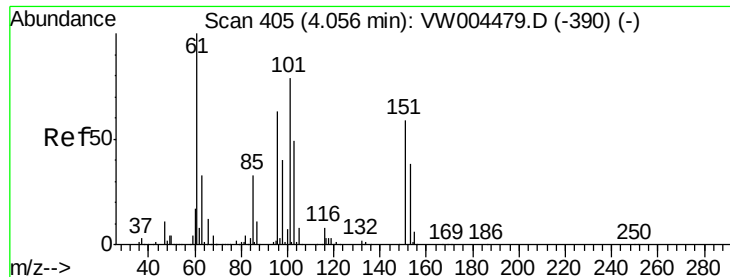


#8

Diethyl Ether
 Concen: 21.39 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VW004504.D
 Acq: 07 Aug 2018 20:45

Tgt Ion	Ion	Ratio	Lower	Upper
74	100			
45	103.6	51.2	153.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.10 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW004504.D

Acq: 07 Aug 2018 20:45

Instrument :

MSVOA_W

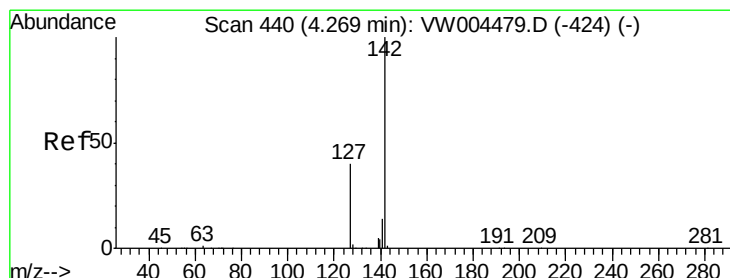
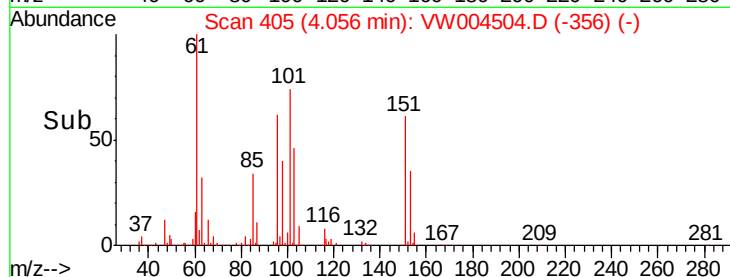
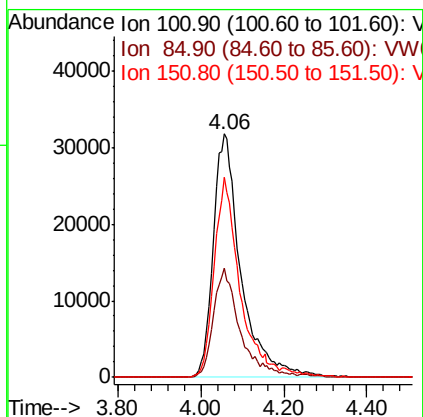
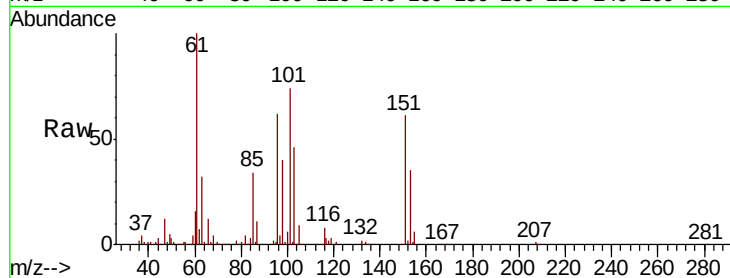
ClientSampleId :

VW0808SBS01

Tot Ion:	101	Resp:	146555
Ion Ratio	Lower	Upper	
101	100		
85	42.8	34.6	51.8
151	74.9	61.3	91.9

Manual Integrations
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#10

Methyl Iodide

Concen: 21.27 ug/l

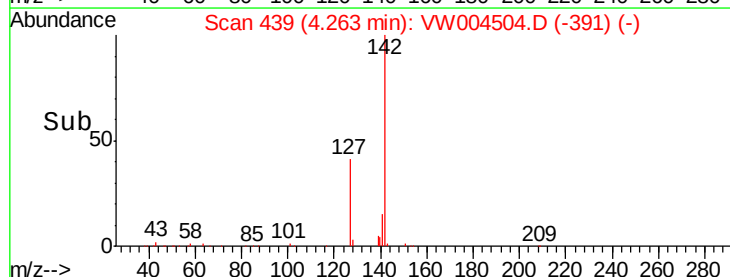
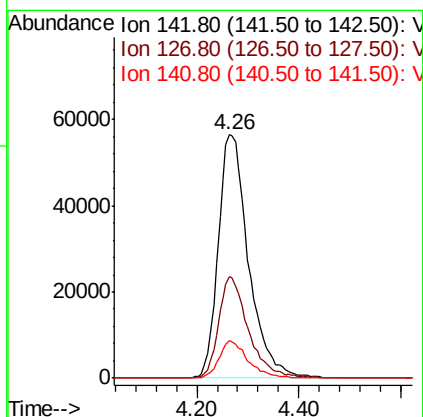
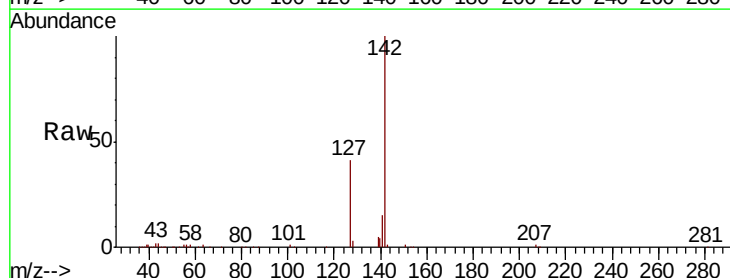
RT: 4.26 min Scan# 439

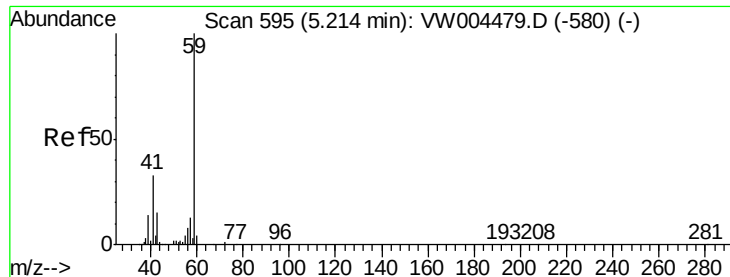
Delta R.T. -0.01 min

Lab File: VW004504.D

Acq: 07 Aug 2018 20:45

Tgt Ion:	142	Resp:	232648
Ion Ratio	Lower	Upper	
142	100		
127	40.8	32.7	49.1
141	14.6	11.5	17.3





#11

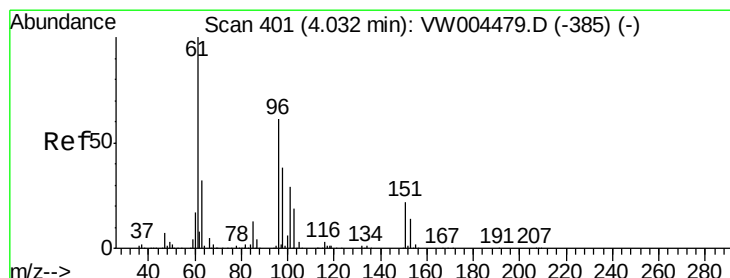
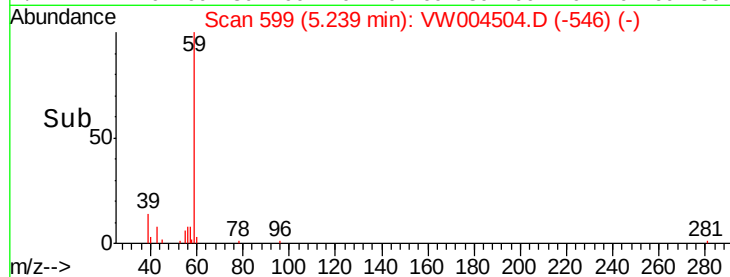
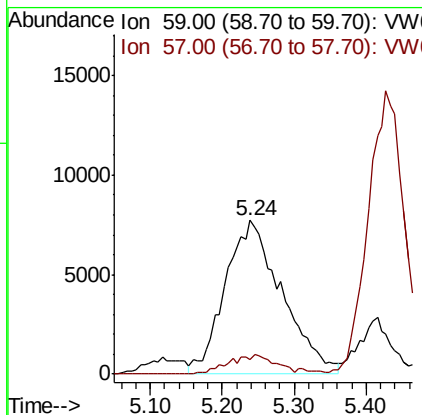
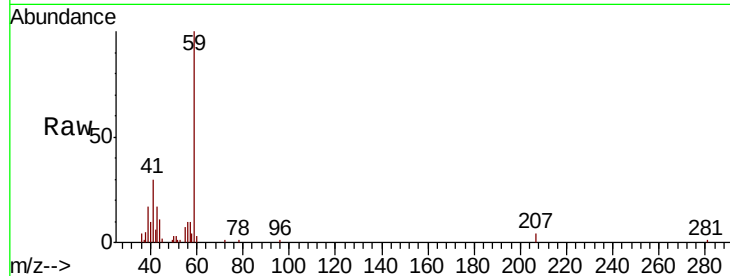
Tert butyl alcohol
Concen: 96.95 ug/l
RT: 5.24 min Scan# 599
Delta R.T. 0.02 min
Lab File: VW004504.D
Acq: 07 Aug 2018 20:45

Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	10.4	9.1	13.7

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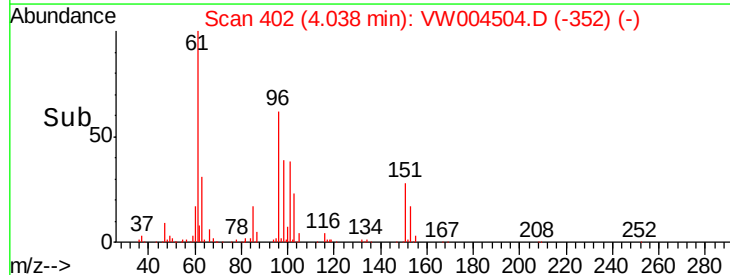
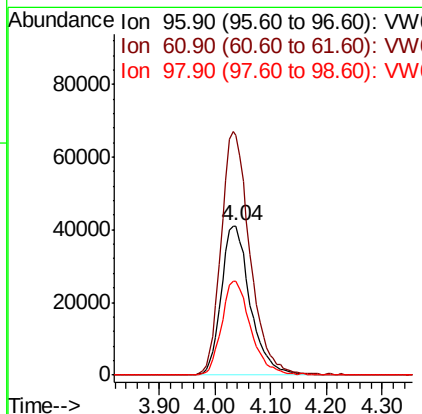
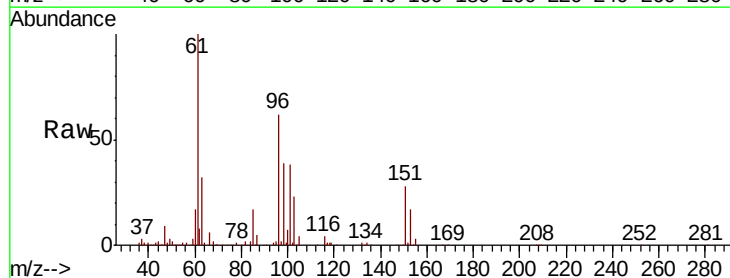
apatel
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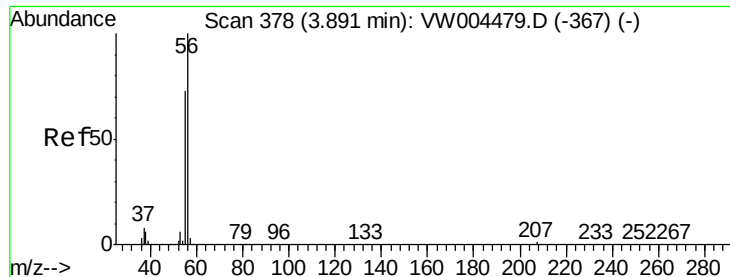


#12

1,1-Dichloroethene
Concen: 20.23 ug/l
RT: 4.04 min Scan# 402
Delta R.T. 0.01 min
Lab File: VW004504.D
Acq: 07 Aug 2018 20:45

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	160.9	130.6	195.8
98	98	62.4	49.6	74.4





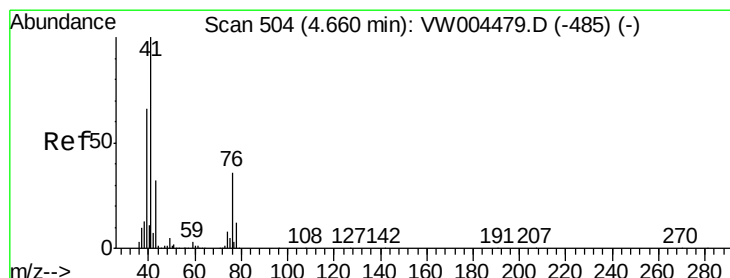
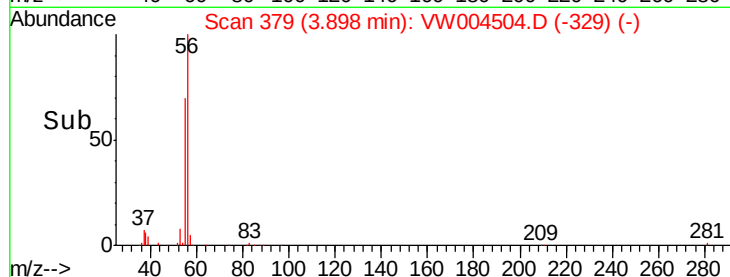
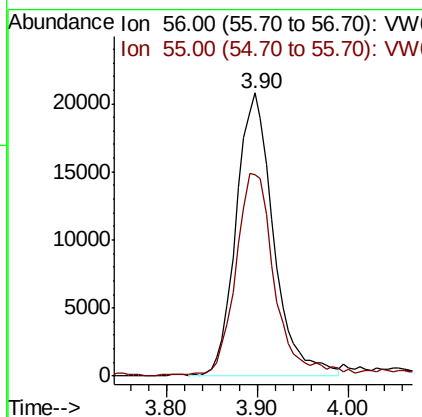
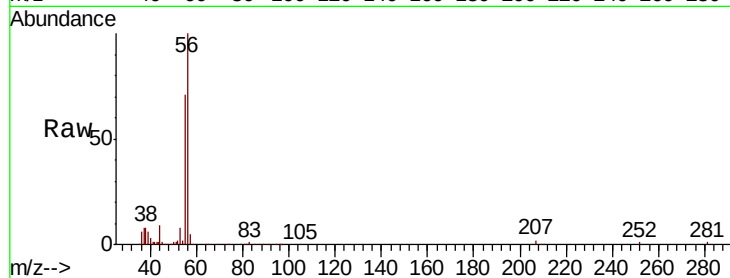
#13
Acrolein
Concen: 111.90 ug/l
RT: 3.90 min Scan# 379
Delta R.T. 0.01 min
Lab File: VW004504.D
Acq: 07 Aug 2018 20:45

Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

Tot Ion	56	Resp	59469
Ion Ratio	100	Lower	Upper
55	72.9	56.7	85.1

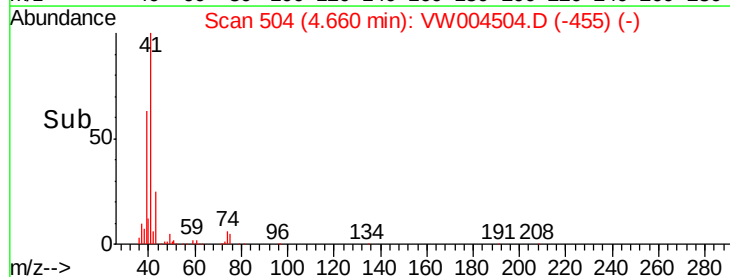
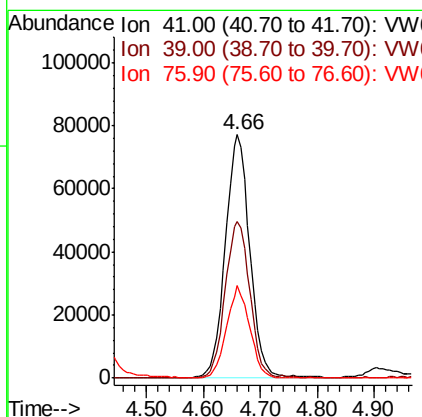
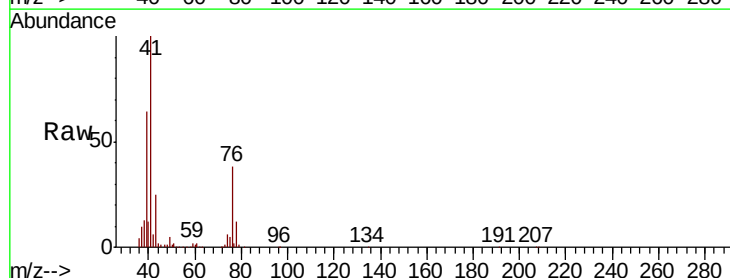
Manual Integrations
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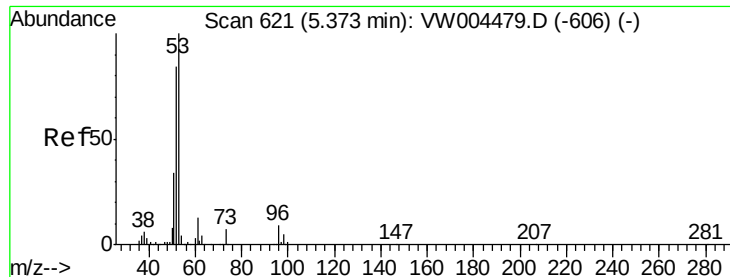
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#14
Allyl chloride
Concen: 20.88 ug/l
RT: 4.66 min Scan# 504
Delta R.T. 0.00 min
Lab File: VW004504.D
Acq: 07 Aug 2018 20:45

Tgt Ion	41	Resp	230209
Ion Ratio	100	Lower	Upper
39	64.8	51.9	77.9
76	36.1	29.0	43.6





#15

Acrylonitrile

Concen: 105.83 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.01 min

Lab File: VW004504.D

Acq: 07 Aug 2018 20:45

Instrument :

MSVOA_W

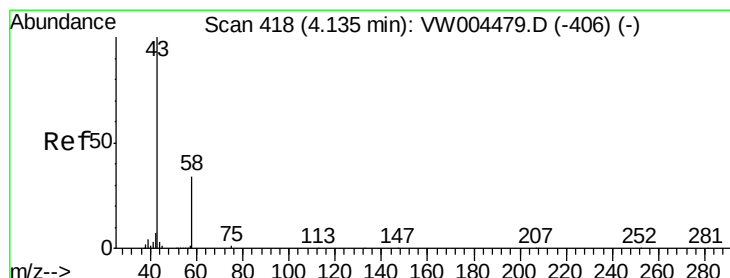
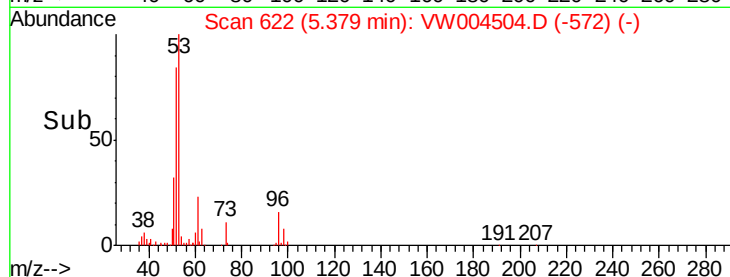
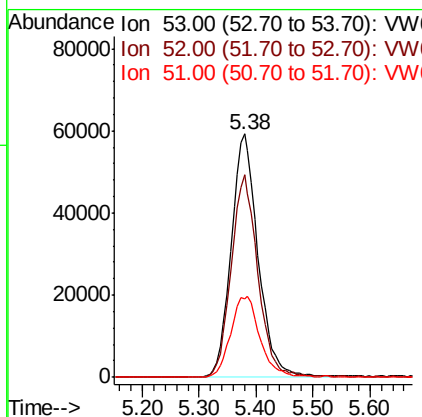
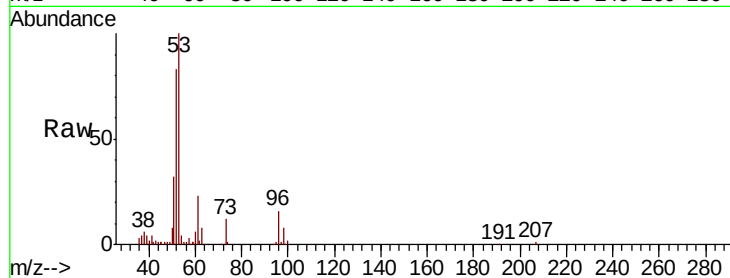
ClientSampleId :

VW0808SBS01

Tot Ion:	53	Resp:	196404
Ion Ratio		Lower	Upper
53	100		
52	82.3	66.5	99.7
51	35.6	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 108.76 ug/l

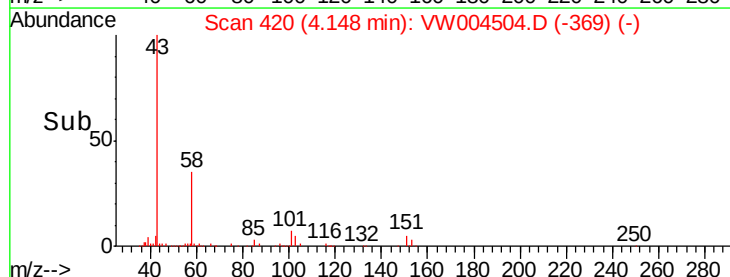
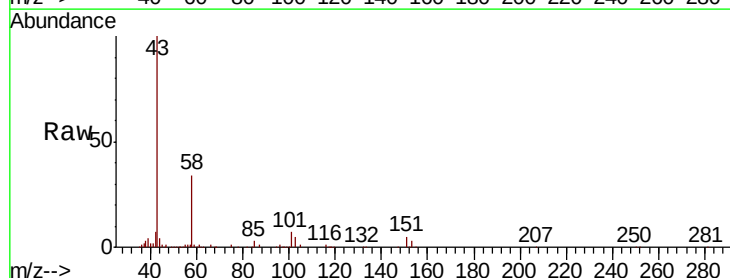
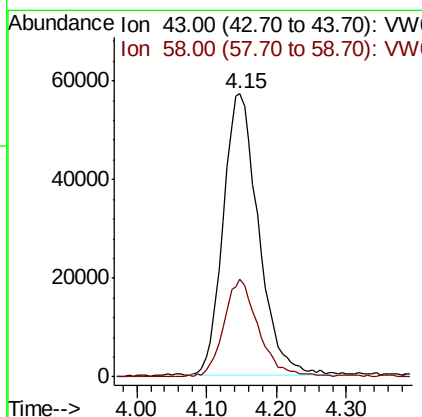
RT: 4.15 min Scan# 420

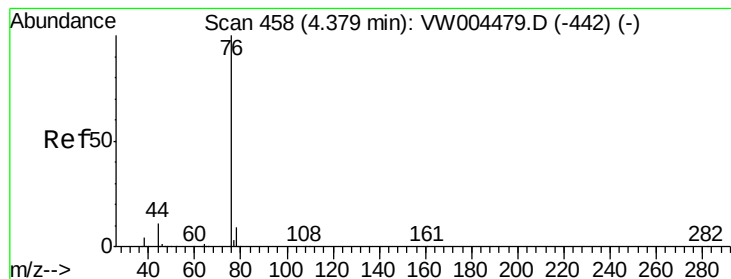
Delta R.T. 0.01 min

Lab File: VW004504.D

Acq: 07 Aug 2018 20:45

Tgt Ion:	43	Resp:	201223
Ion Ratio		Lower	Upper
43	100		
58	34.1	26.8	40.2





#17

Carbon Disulfide

Concen: 20.43 ug/l

RT: 4.38 min Scan# 458

Delta R.T. 0.00 min

Lab File: VW004504.D

Acq: 07 Aug 2018 20:45

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBSD01

Tot Ion: 76 Resp: 481792

Ion Ratio Lower Upper

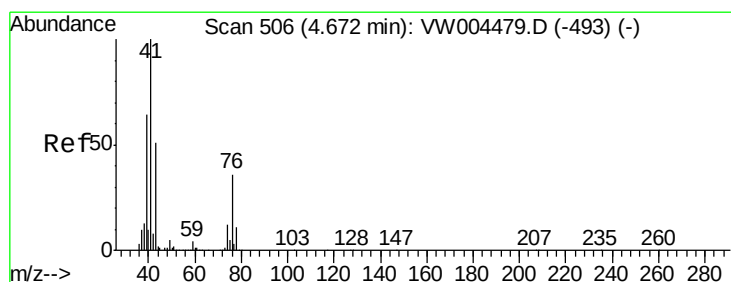
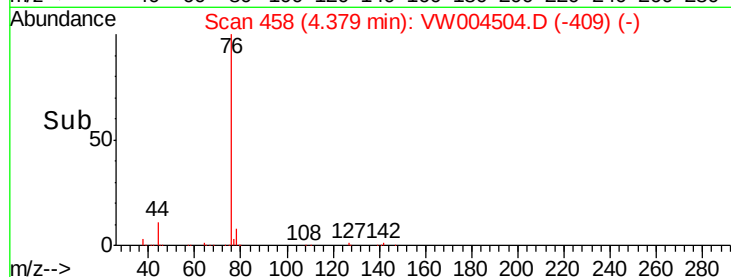
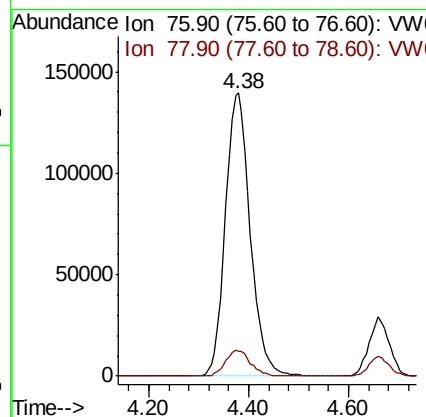
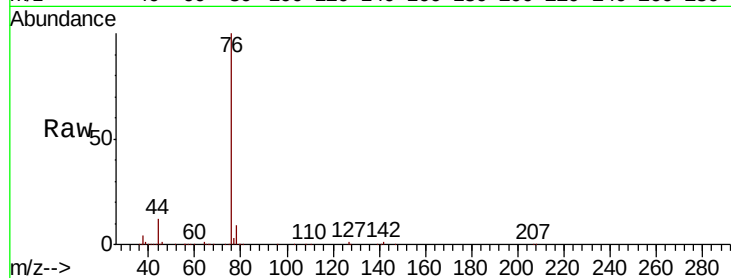
76 100

78 8.9 7.0 10.4

Manual Integrations
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#18

Methyl Acetate

Concen: 20.15 ug/l

RT: 4.68 min Scan# 507

Delta R.T. 0.01 min

Lab File: VW004504.D

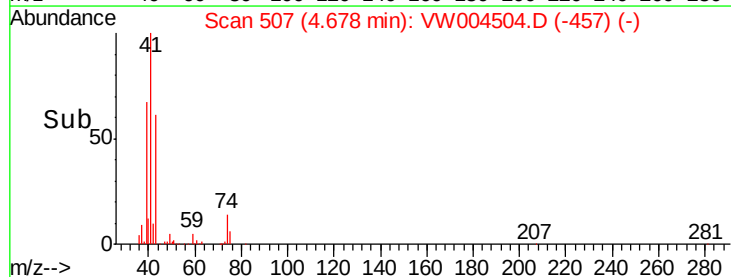
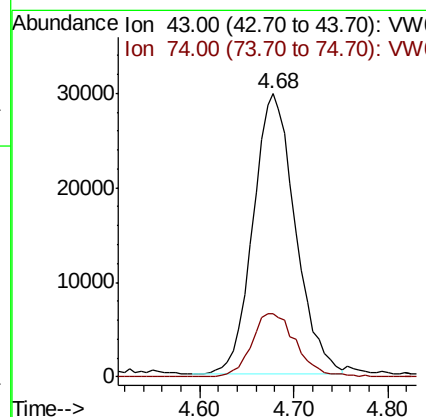
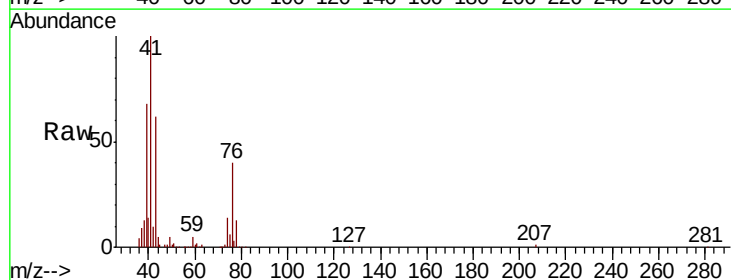
Acq: 07 Aug 2018 20:45

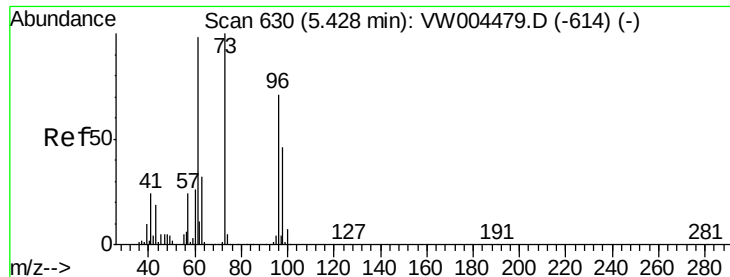
Tgt Ion: 43 Resp: 92970

Ion Ratio Lower Upper

43 100

74 24.1 19.1 28.7





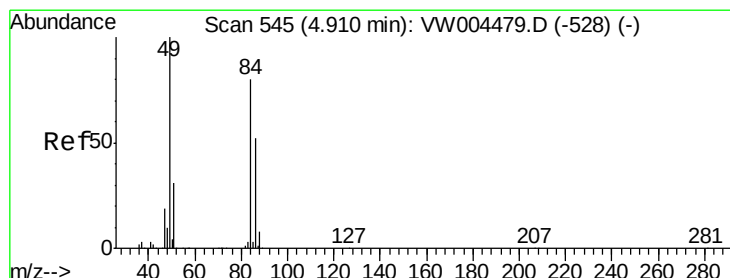
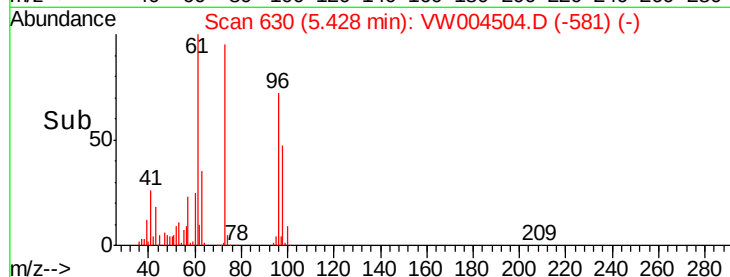
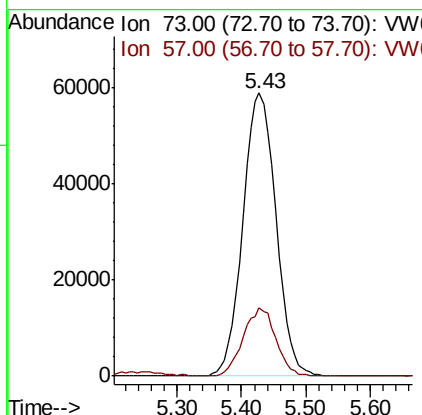
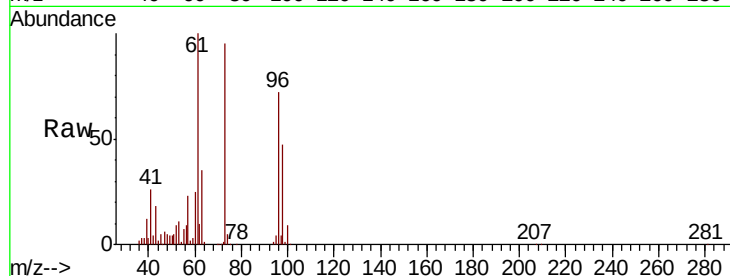
#19
Methyl tert-butyl Ether
Concen: 20.81 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW004504.D
Acq: 07 Aug 2018 20:45

Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.1	19.6	29.4

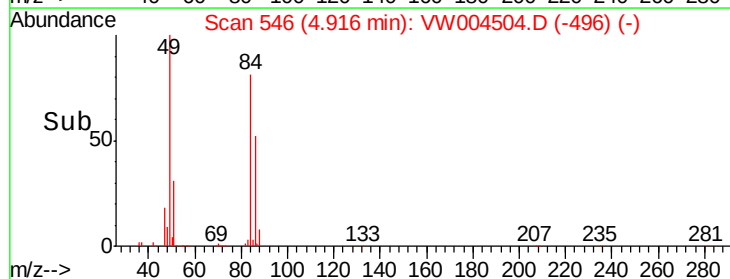
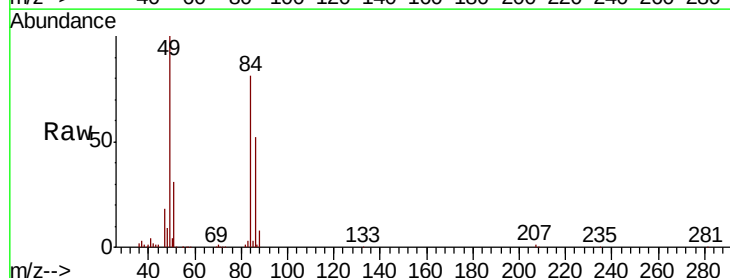
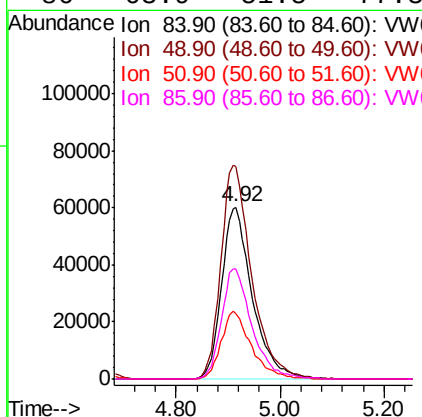
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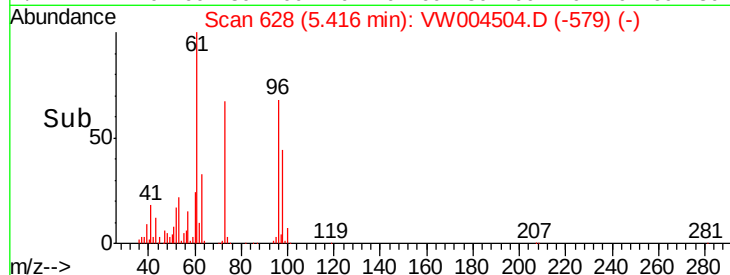
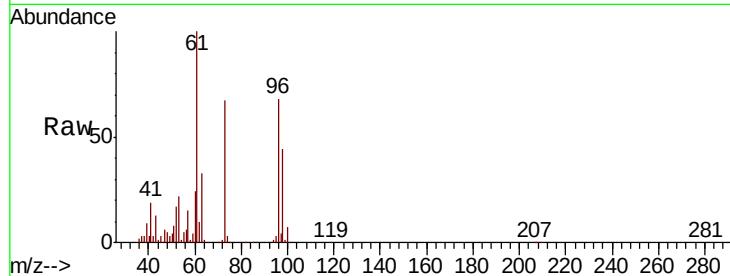
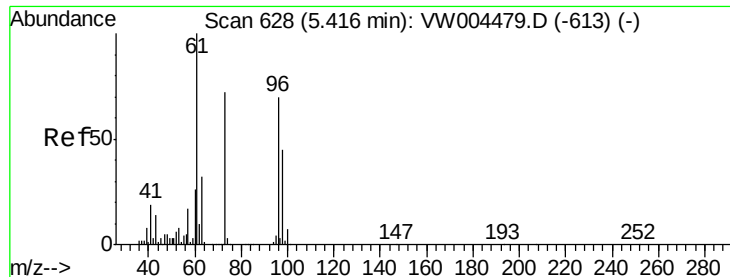
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#20
Methylene Chloride
Concen: 22.57 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW004504.D
Acq: 07 Aug 2018 20:45

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.9	99.6	149.4
51	37.9	31.0	46.4
86	63.9	51.5	77.3





#21

trans-1,2-Dichloroethene

Concen: 20.38 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW004504.D

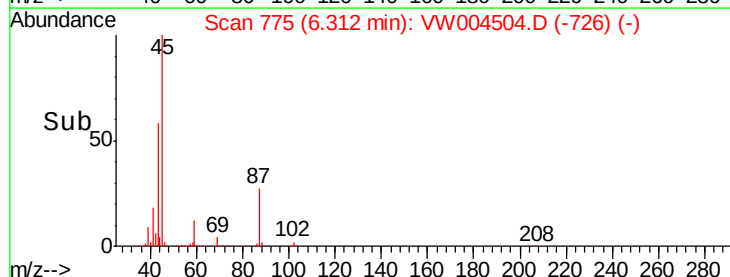
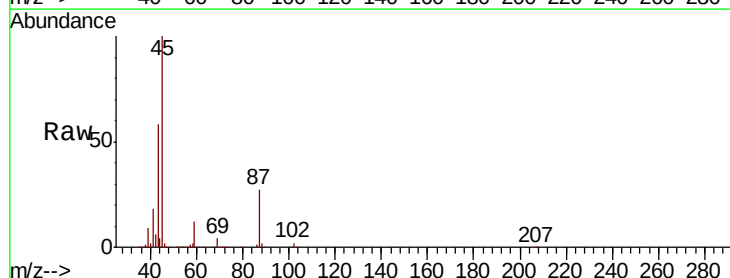
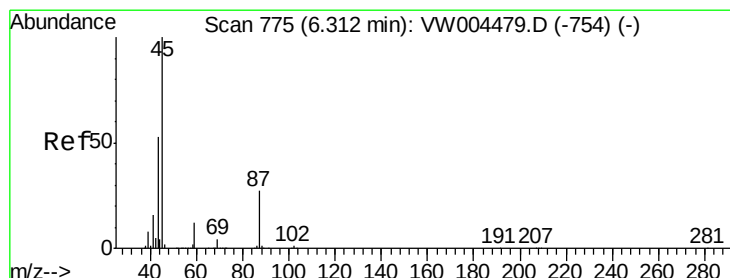
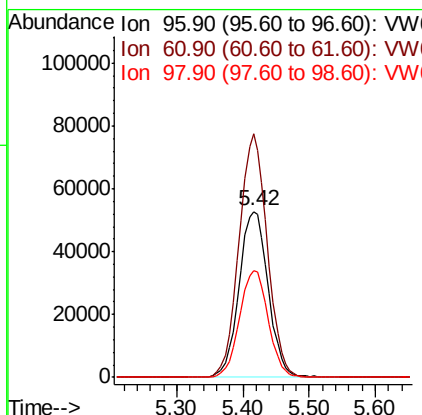
Acq: 07 Aug 2018 20:45

Tot Ion:	96	Resp:	161214
Ion	Ratio	Lower	Upper
96	100		
61	146.6	114.1	171.1
98	64.6	51.4	77.2

Instrument :
MSVOA_W
ClientSampled :
VW0808SBS01

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#22

Diisopropyl ether

Concen: 22.24 ug/l

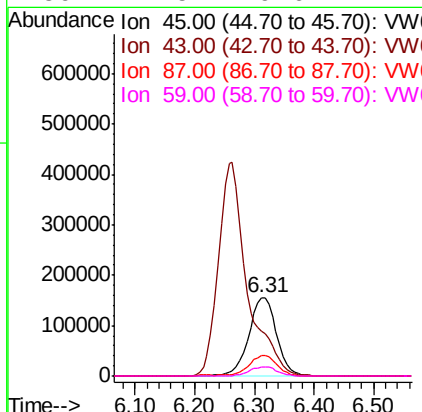
RT: 6.31 min Scan# 775

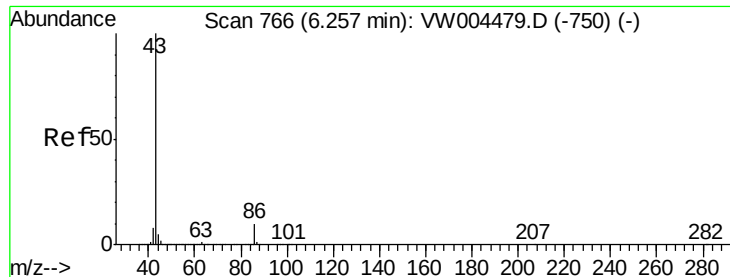
Delta R.T. 0.00 min

Lab File: VW004504.D

Acq: 07 Aug 2018 20:45

Tgt Ion:	45	Resp:	503913
Ion	Ratio	Lower	Upper
45	100		
43	57.4	42.4	63.6
87	26.5	21.6	32.4
59	11.5	9.6	14.4





#23

Vinyl Acetate

Concen: 103.75 ug/l

RT: 6.26 min Scan# 767

Delta R.T. 0.01 min

Lab File: VW004504.D

Acq: 07 Aug 2018 20:45

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBS01

Tot Ion: 43 Resp: 1412876

Ion Ratio Lower Upper

43 100

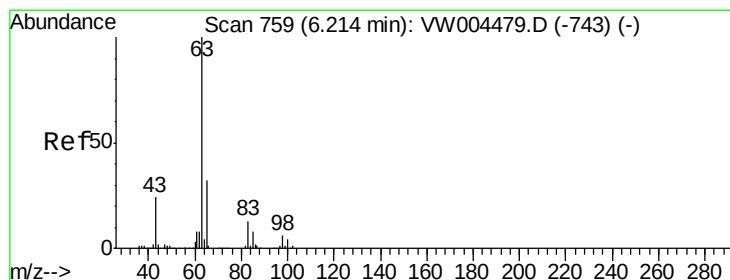
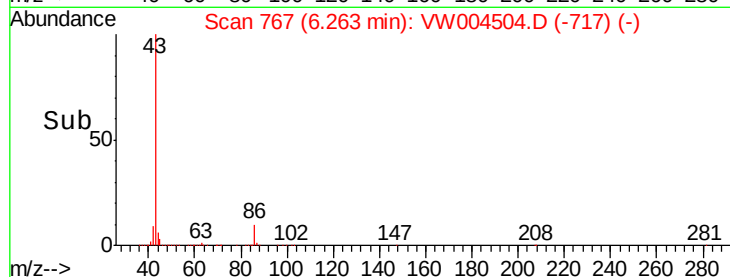
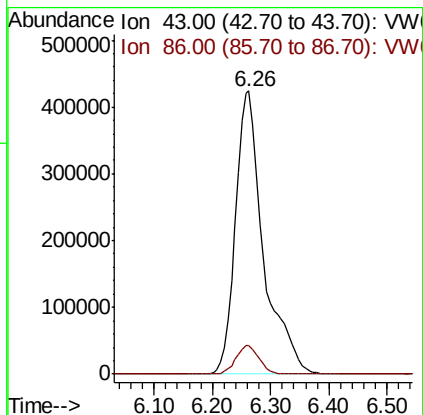
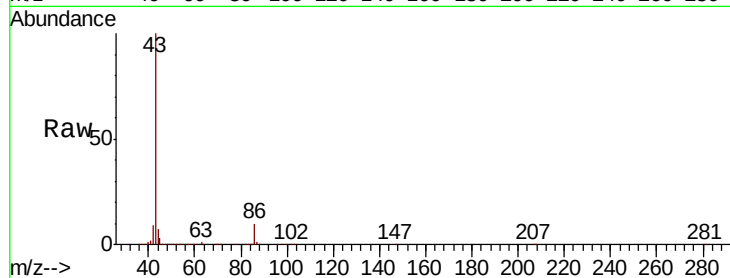
86 10.2 7.9 11.9

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#24

1,1-Dichloroethane

Concen: 20.96 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW004504.D

Acq: 07 Aug 2018 20:45

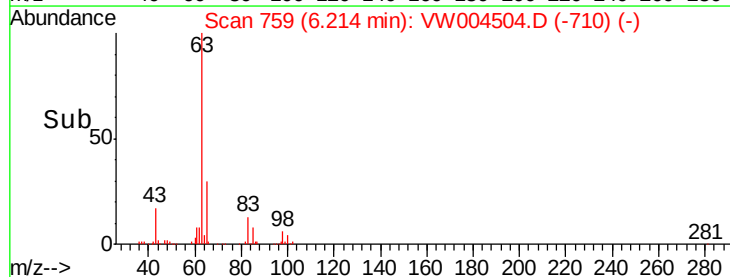
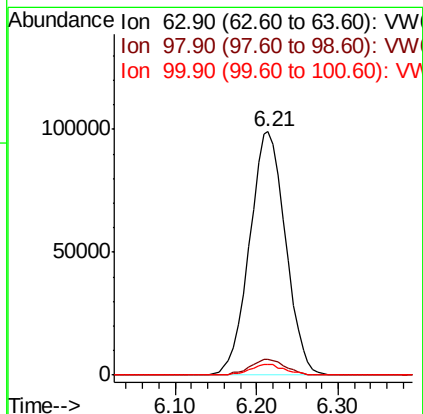
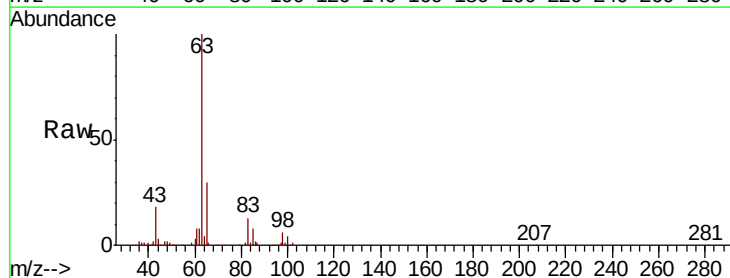
Tgt Ion: 63 Resp: 303984

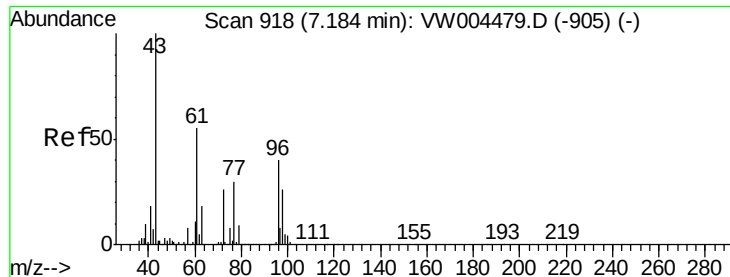
Ion Ratio Lower Upper

63 100

98 6.4 3.1 9.3

100 4.3 2.1 6.5





#25

2-Butanone

Concen: 101.44 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW004504.D

Acq: 07 Aug 2018 20:45

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBS01

Tot Ion: 43 Resp: 301881

Ion Ratio Lower Upper

43 100

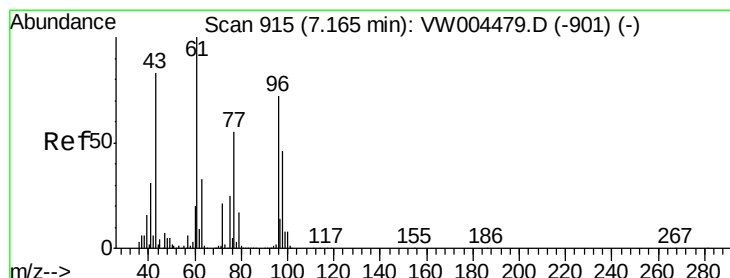
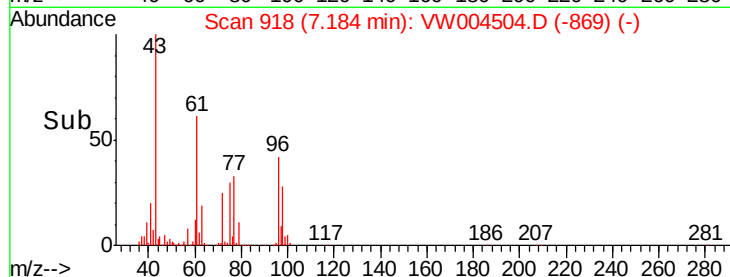
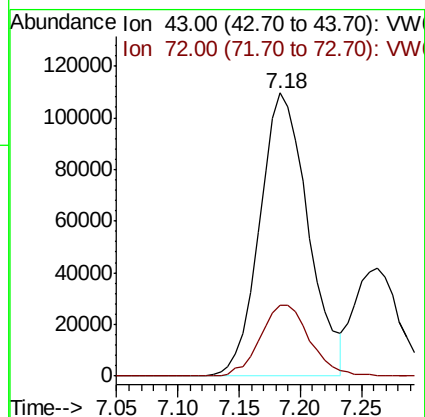
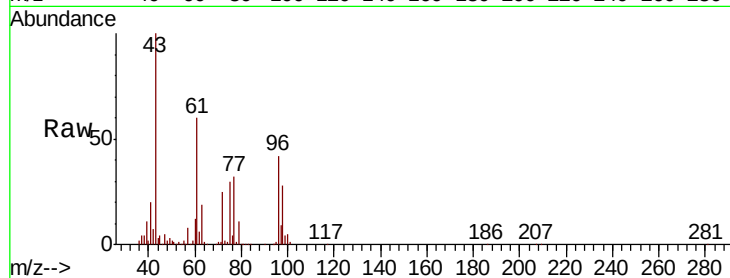
72 25.2 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.93 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW004504.D

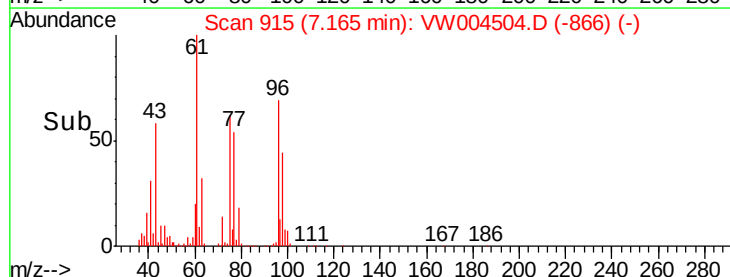
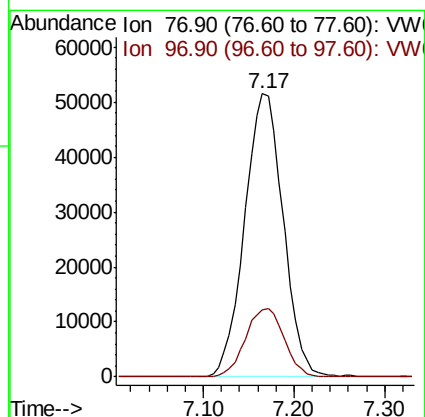
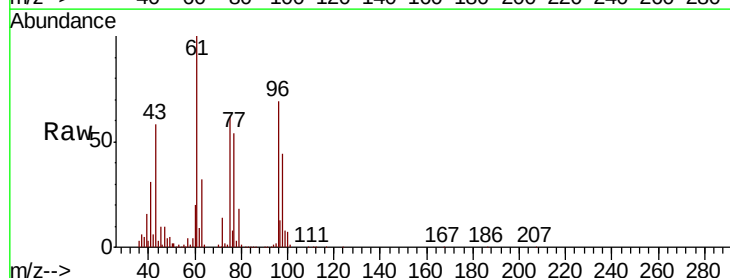
Acq: 07 Aug 2018 20:45

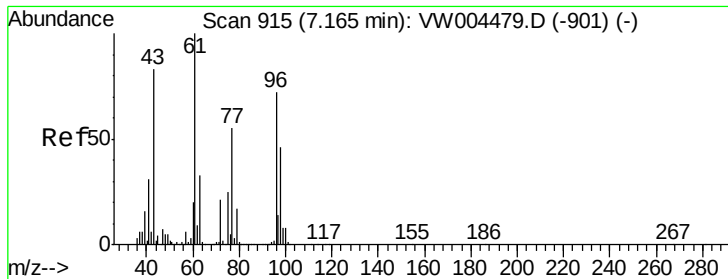
Tgt Ion: 77 Resp: 151702

Ion Ratio Lower Upper

77 100

97 24.2 12.5 37.5





#27

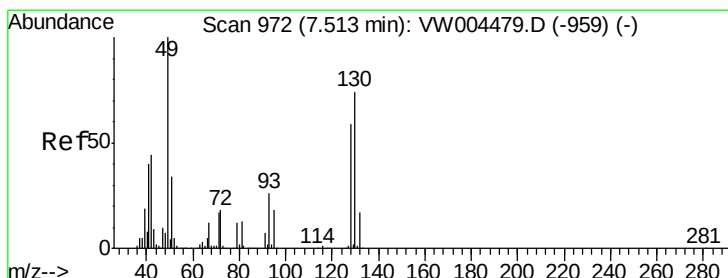
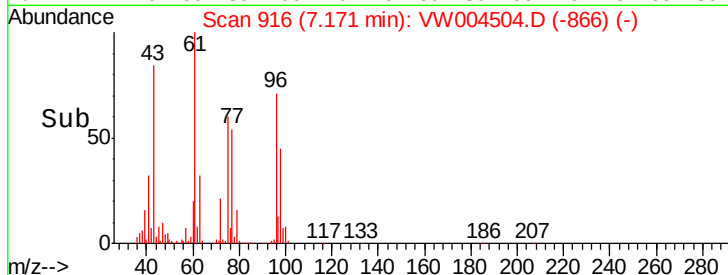
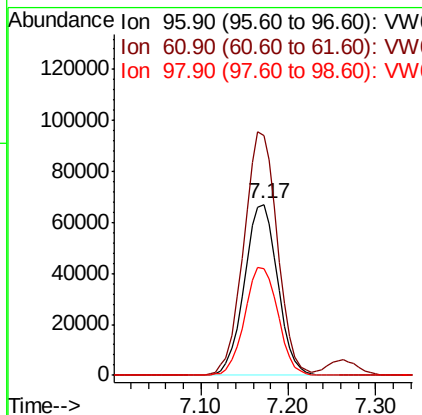
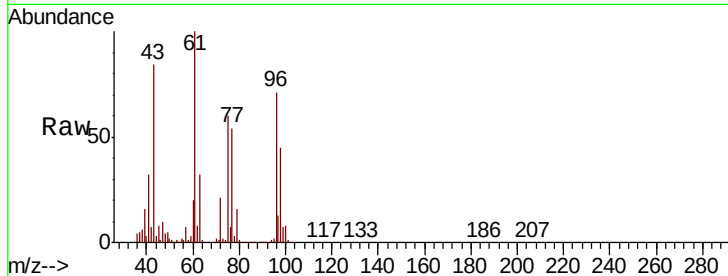
cis-1,2-Dichloroethene
 Concen: 20.78 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.01 min
 Lab File: VW004504.D
 Acq: 07 Aug 2018 20:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	176835		
61	144.0	0.0	285.0	
98	63.7	0.0	128.6	

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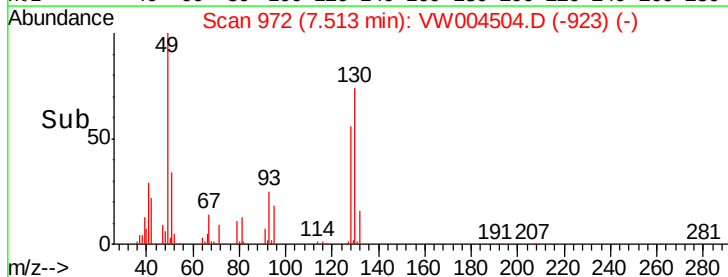
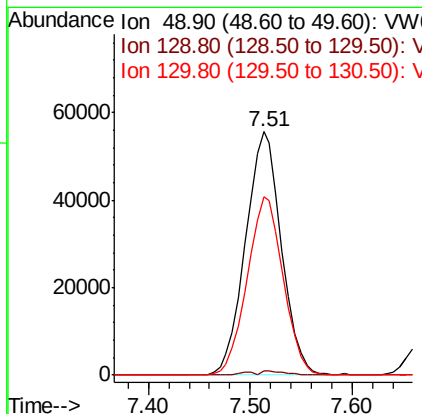
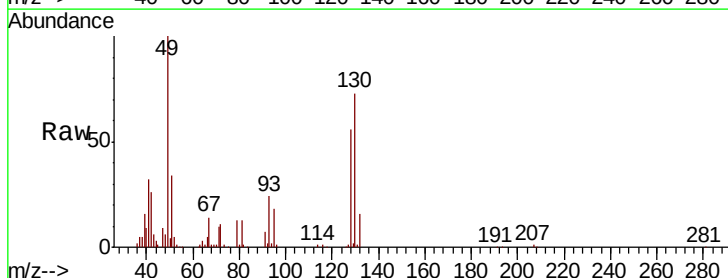
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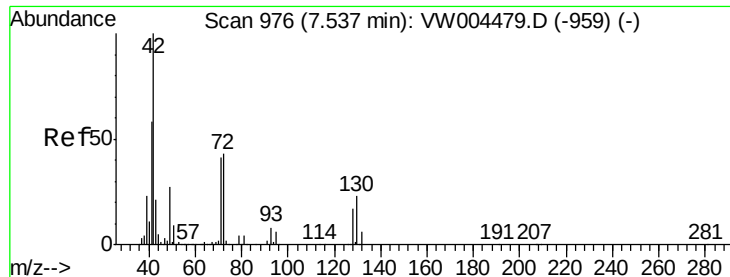


#28

Bromochloromethane
 Concen: 21.54 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW004504.D
 Acq: 07 Aug 2018 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	135934		
129	1.2	0.0	4.0	
130	73.7	58.8	88.2	





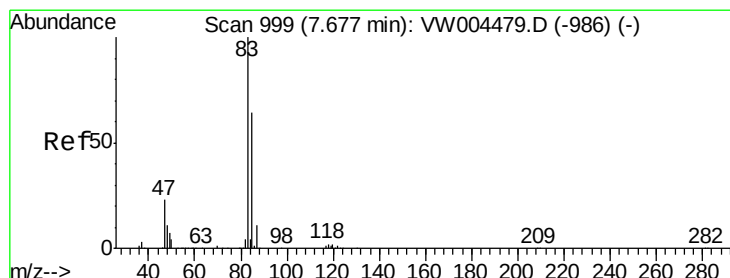
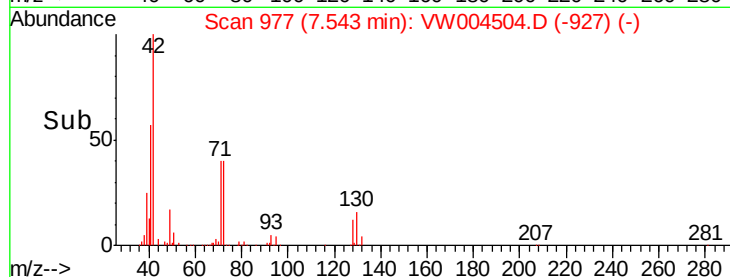
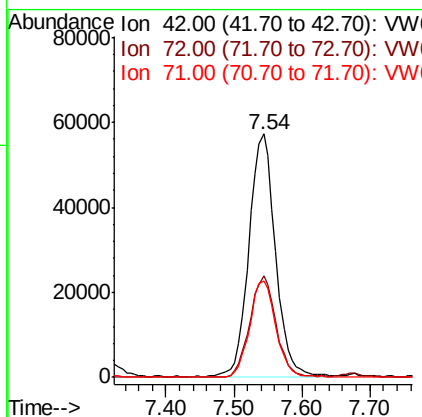
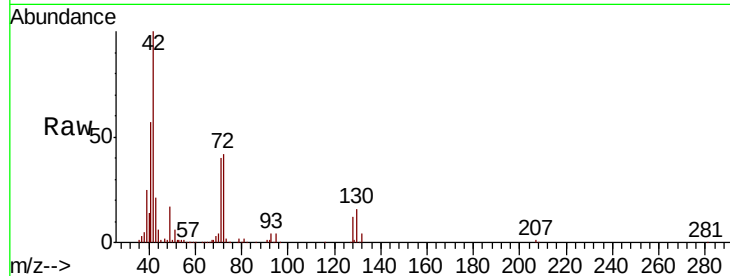
#29
Tetrahydrofuran
Concen: 100.90 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW004504.D
Acq: 07 Aug 2018 20:45

Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.4	34.1	51.1
71	39.3	32.5	48.7

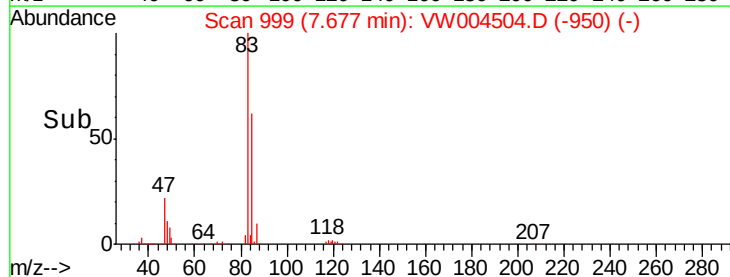
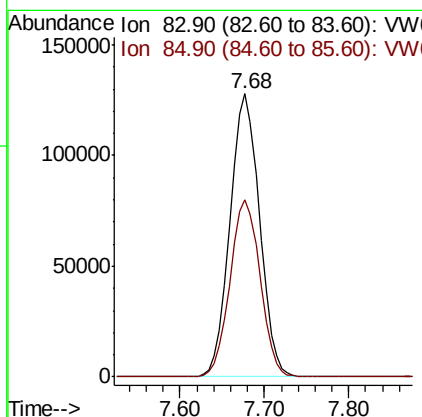
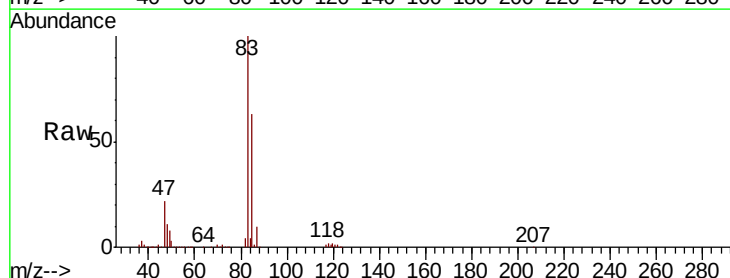
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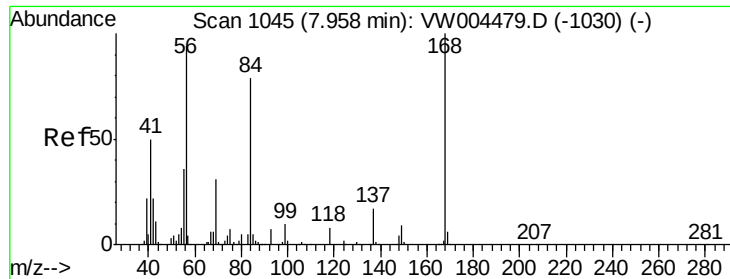
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#30
Chloroform
Concen: 21.29 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004504.D
Acq: 07 Aug 2018 20:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.3	76.9





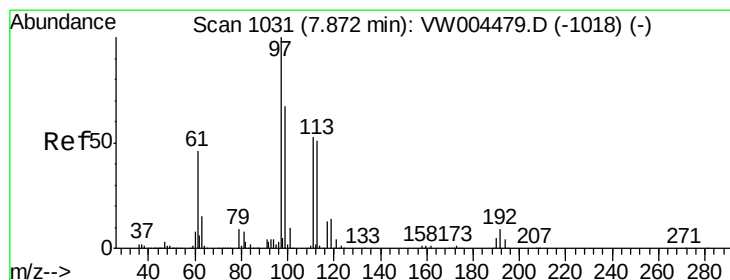
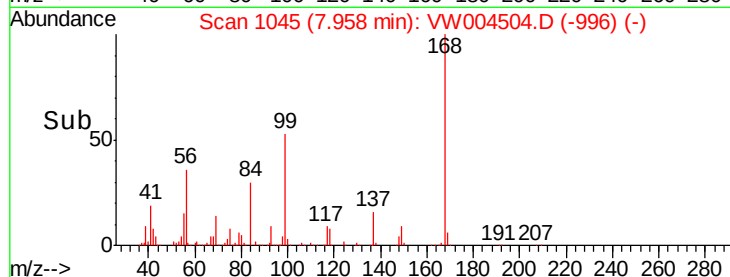
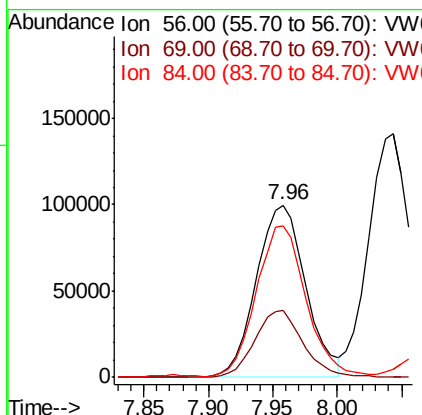
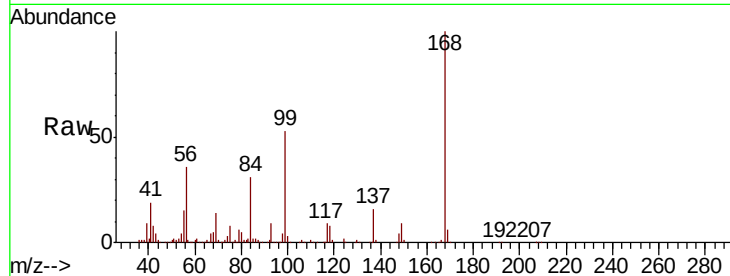
#31
Cyclohexane
Concen: 19.16 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW004504.D
Acq: 07 Aug 2018 20:45

Instrument :
MSVOA_W
ClientSampled :
VW0808SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.0	26.4	39.6
84	87.0	66.9	100.3

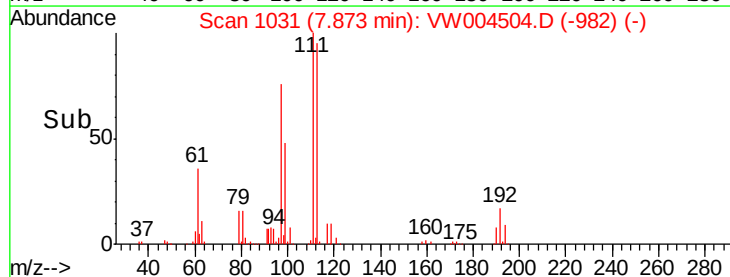
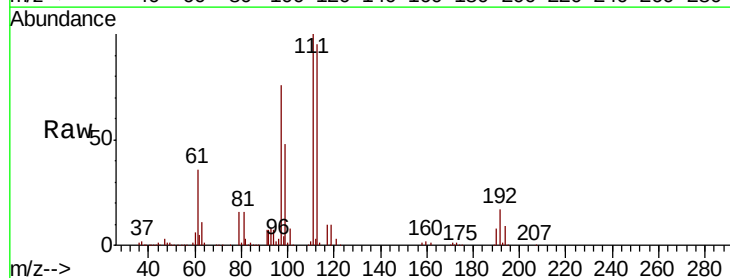
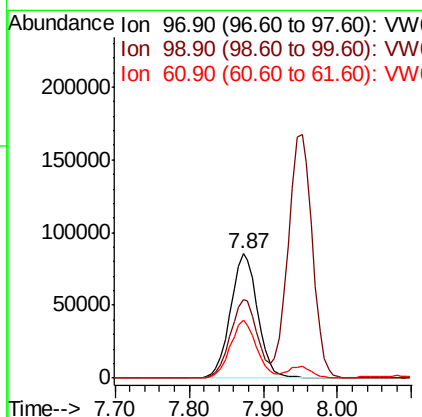
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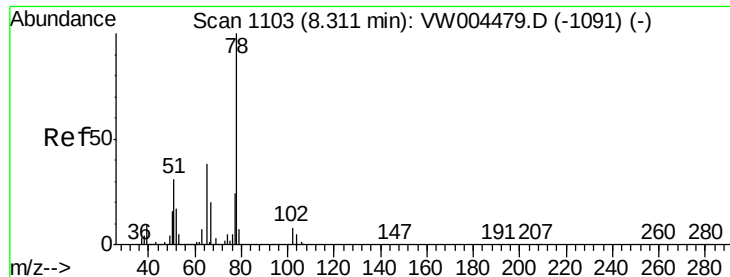
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#32
1,1,1-Trichloroethane
Concen: 20.34 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW004504.D
Acq: 07 Aug 2018 20:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.9	51.6	77.4
61	44.8	35.7	53.5





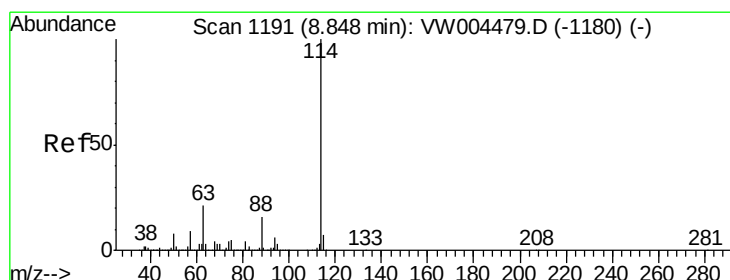
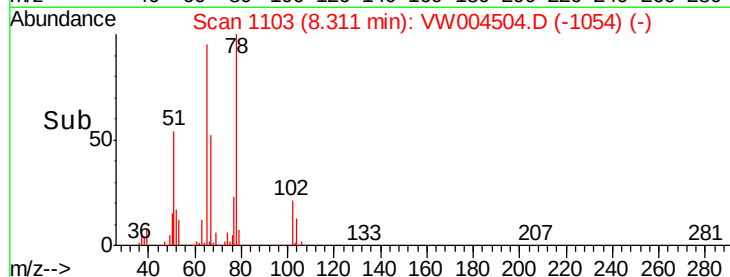
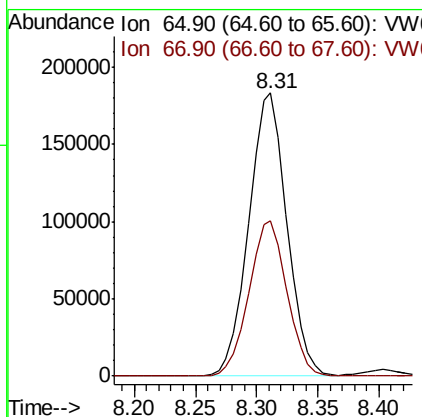
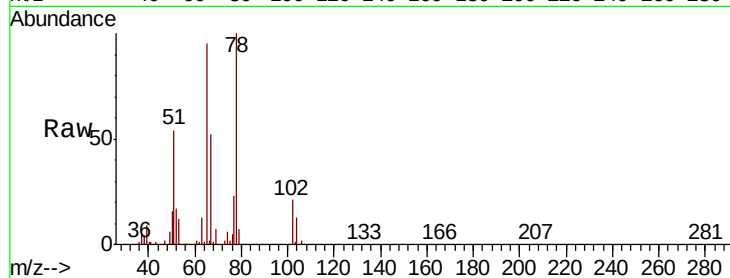
#33
 1,2-Dichloroethane-d4
 Concen: 53.53 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004504.D
 Acq: 07 Aug 2018 20:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	396590		
67	54.9	0.0	109.0	

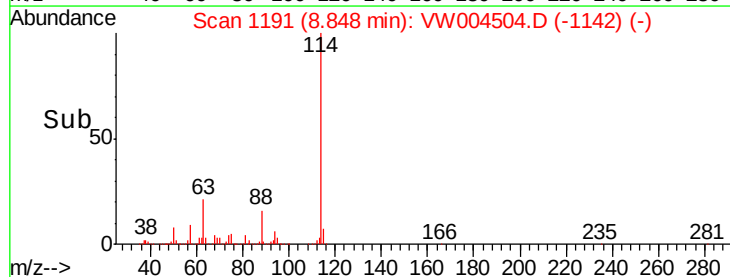
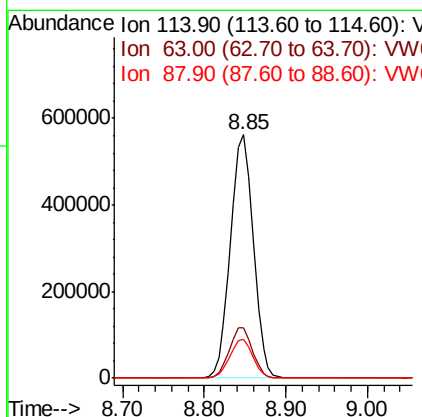
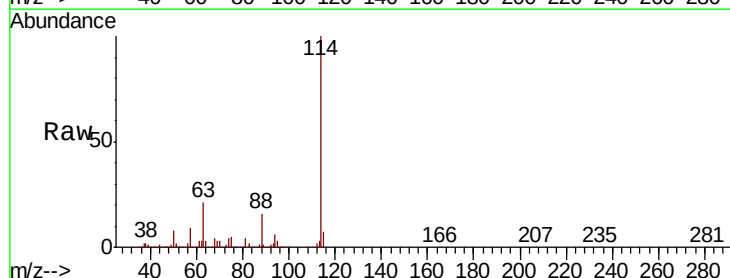
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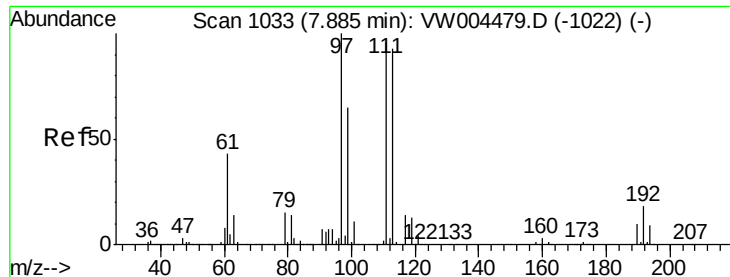
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004504.D
 Acq: 07 Aug 2018 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1086808		
63	20.7	0.0	42.4	
88	15.8	0.0	31.2	





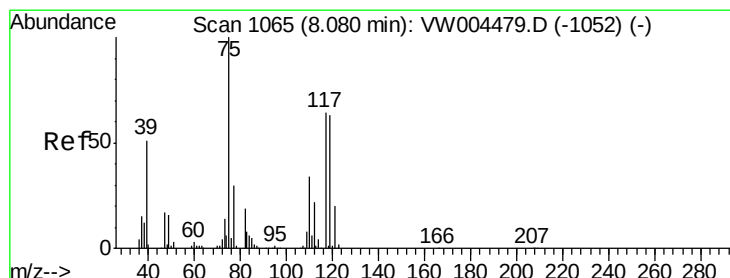
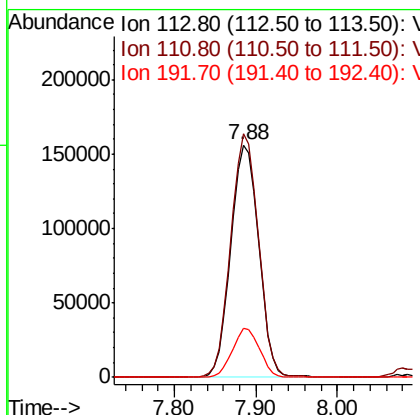
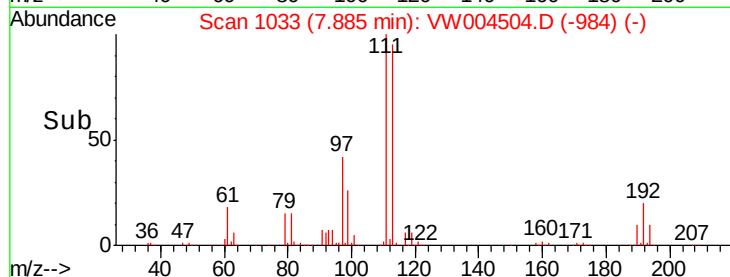
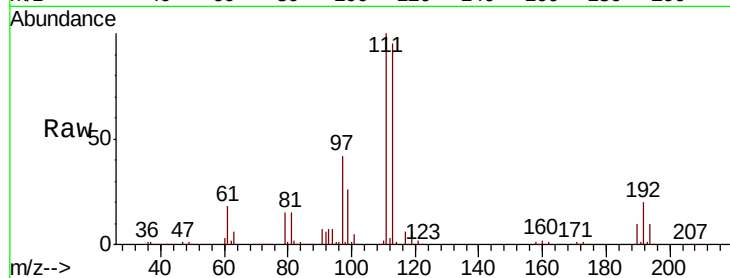
#35
 Dibromofluoromethane
 Concen: 50.98 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004504.D
 Acq: 07 Aug 2018 20:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.7	82.9	124.3	
192	20.5	15.8	23.6	

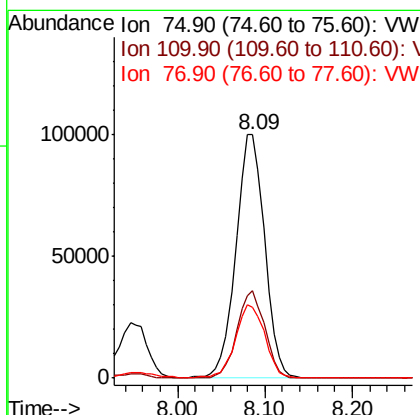
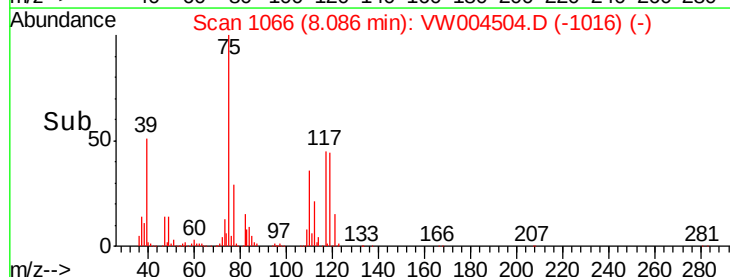
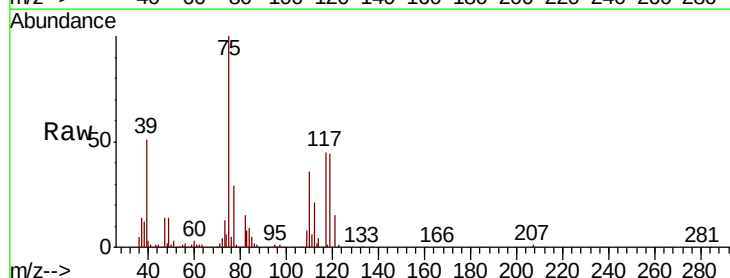
Manual Integrations
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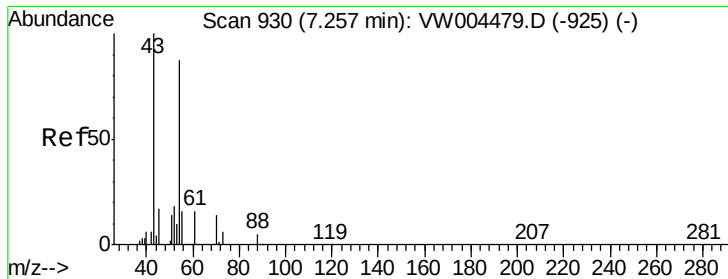
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#36
 1,1-Dichloropropene
 Concen: 19.49 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VW004504.D
 Acq: 07 Aug 2018 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	34.7	17.4	52.2	
77	30.9	24.7	37.1	





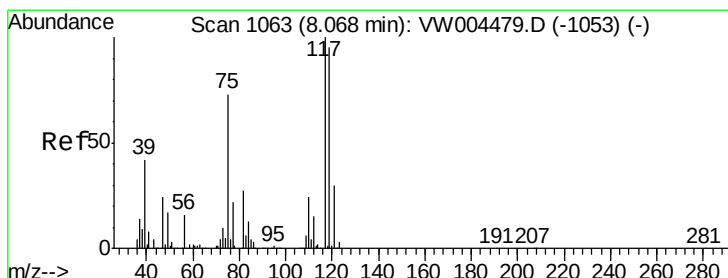
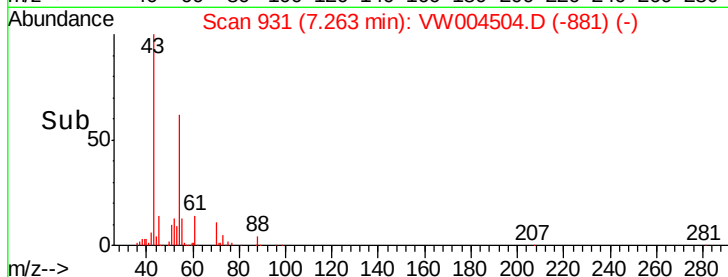
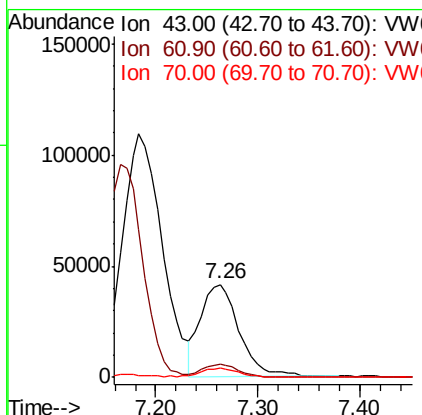
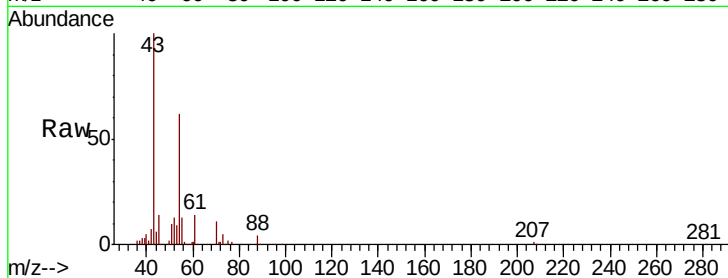
#37
Ethyl Acetate
Concen: 19.93 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.01 min
Lab File: VW004504.D
Acq: 07 Aug 2018 20:45

Instrument :
MSVOA_W
ClientSampled :
VW0808SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.9	17.9
70	9.8	8.2	12.4

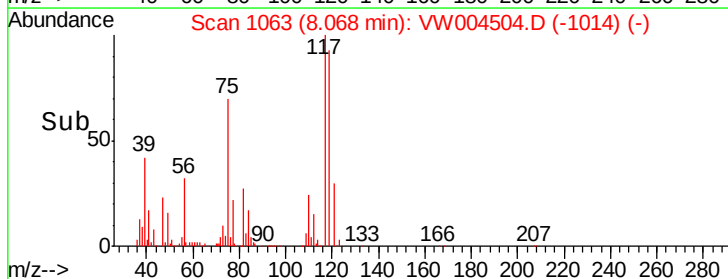
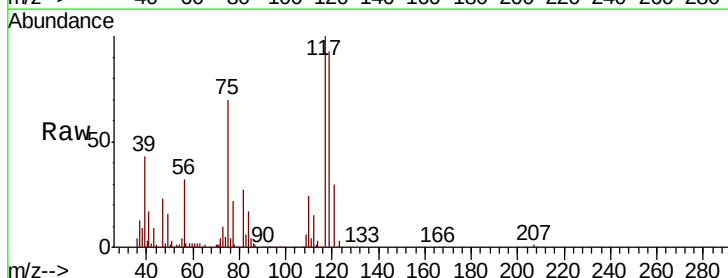
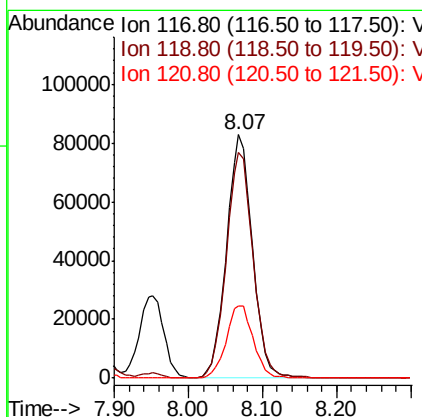
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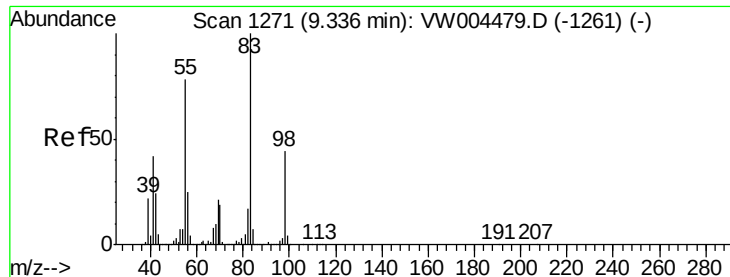
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#38
Carbon Tetrachloride
Concen: 19.15 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW004504.D
Acq: 07 Aug 2018 20:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.9	76.1	114.1
121	29.7	24.2	36.4





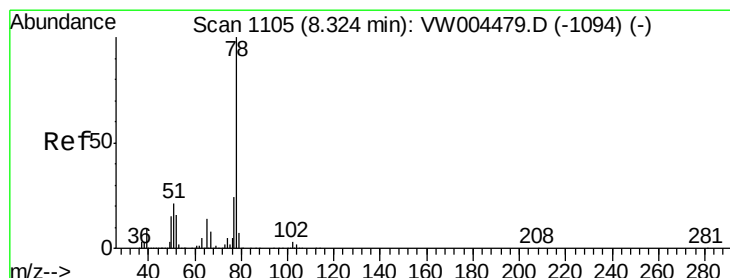
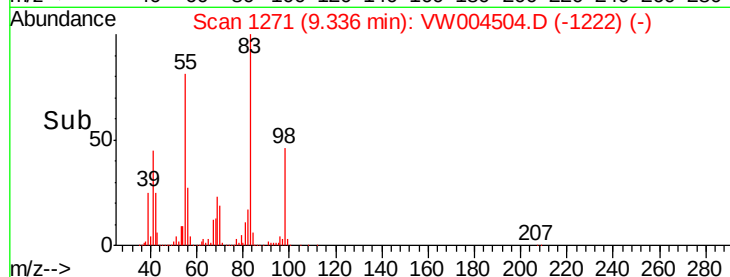
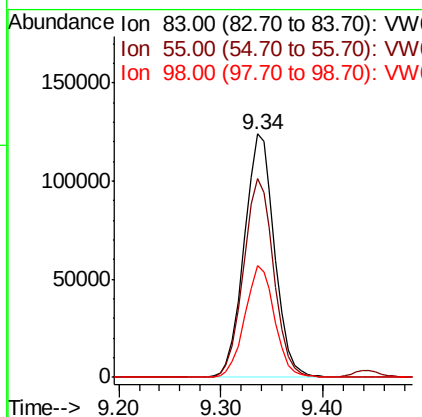
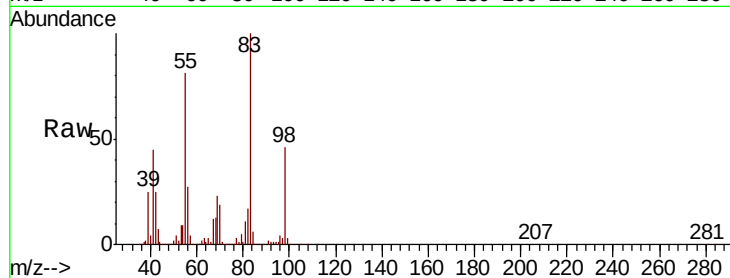
#39
Methylvlcyclohexane
Concen: 17.88 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004504.D
Acq: 07 Aug 2018 20:45

Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.4	62.5	93.7
98	45.7	35.4	53.2

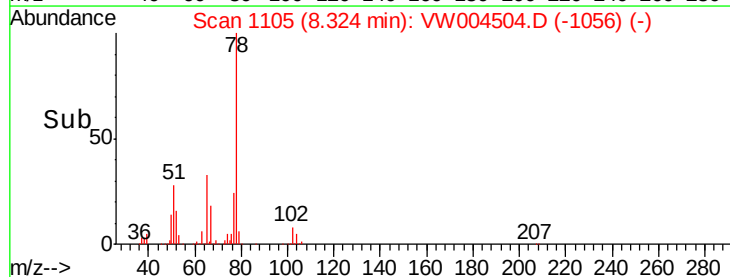
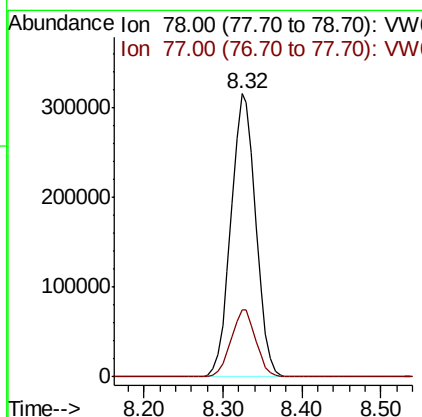
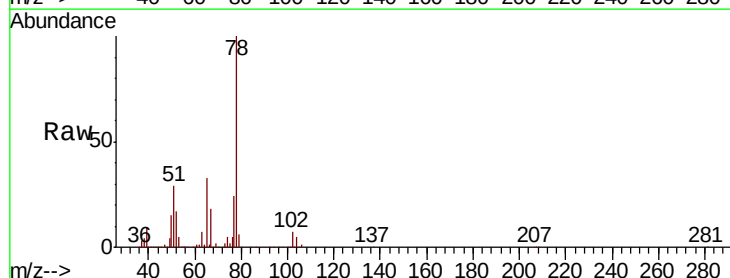
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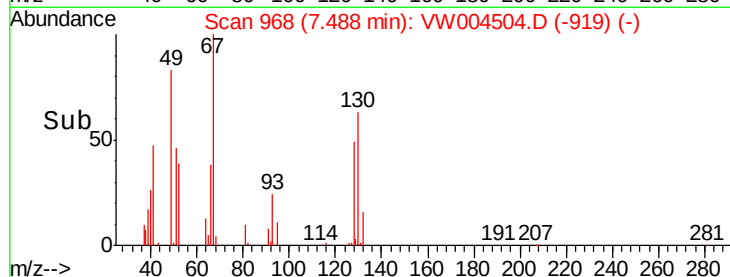
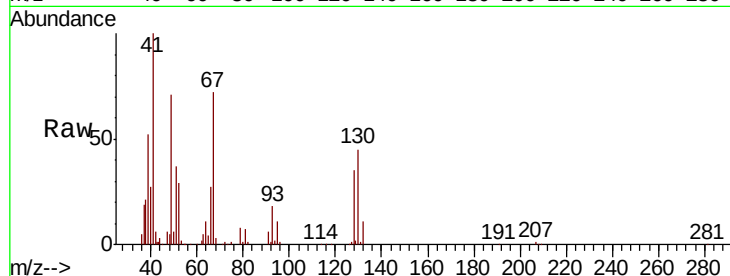
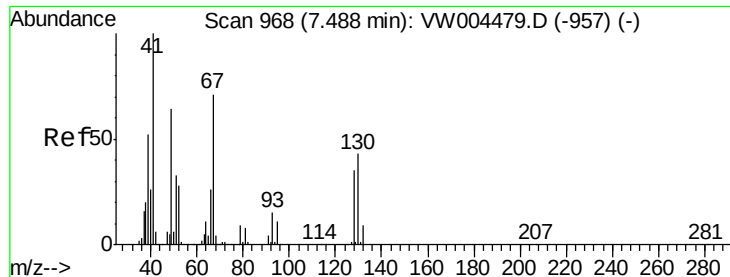
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#40
Benzene
Concen: 20.04 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW004504.D
Acq: 07 Aug 2018 20:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.6





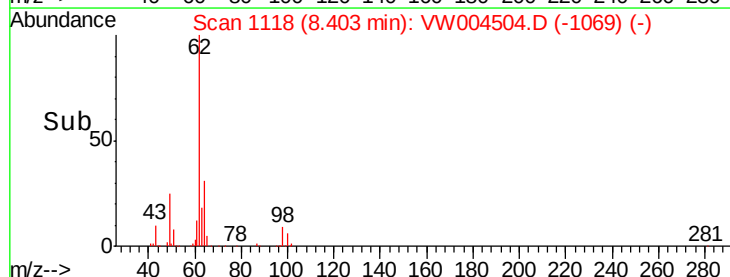
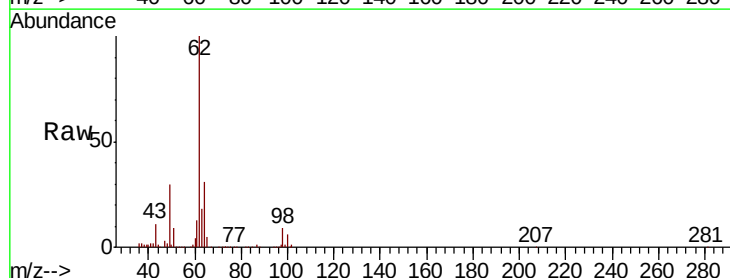
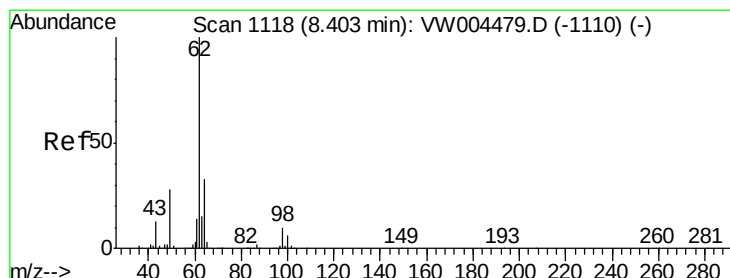
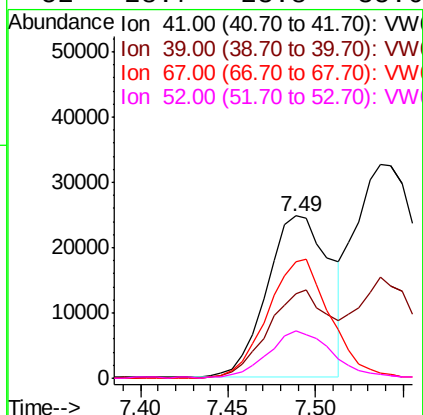
#41
Methacrylonitrile
Concen: 20.49 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004504.D
Acq: 07 Aug 2018 20:45

Tot Ion	41	Resp	62726
Ion	Ratio	Lower	Upper
41	100		
39	52.0	46.2	69.2
67	73.3	60.8	91.2
52	28.7	23.8	35.6

Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

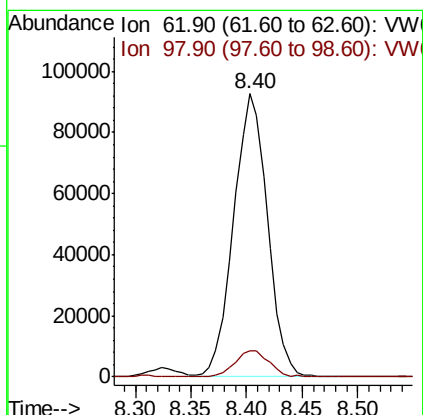
Manual Integrations
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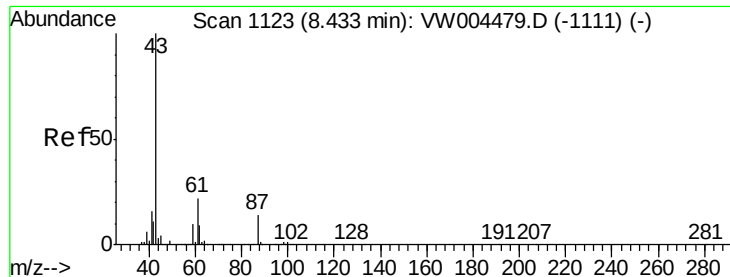
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#42
1,2-Dichloroethane
Concen: 20.55 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW004504.D
Acq: 07 Aug 2018 20:45

Tgt Ion	62	Resp	195383
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.6





#43

Isopropyl Acetate

Concen: 19.72 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW004504.D

Acq: 07 Aug 2018 20:45

Instrument :

MSVOA_W

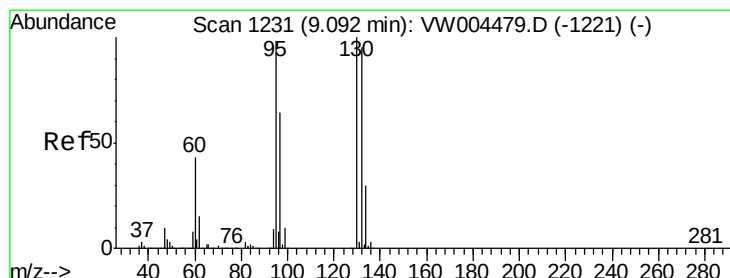
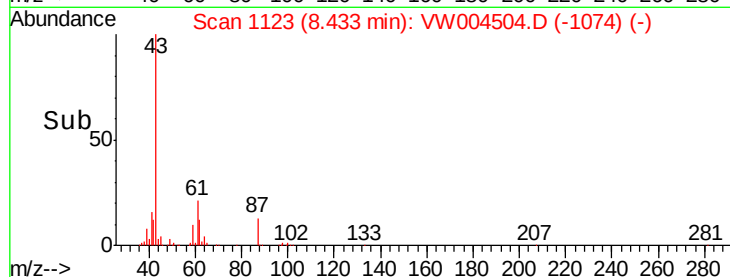
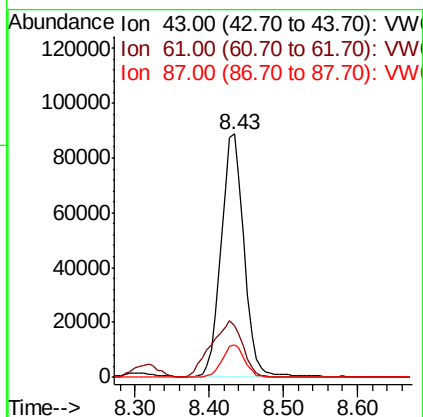
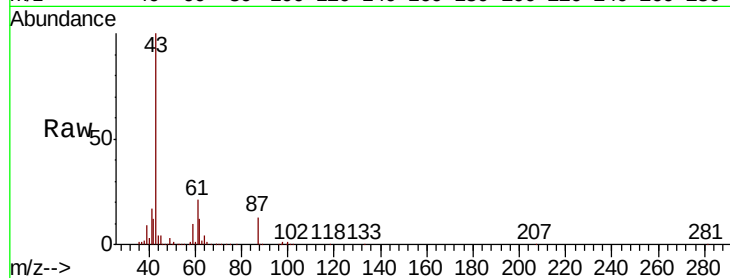
ClientSampleId :

VW0808SBS01

Tot Ion:	43	Resp:	188417
Ion	Ratio	Lower	Upper
43	100		
61	31.7	25.2	37.8
87	13.2	10.6	16.0

Manual Integrations
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#44

Trichloroethene

Concen: 19.29 ug/l

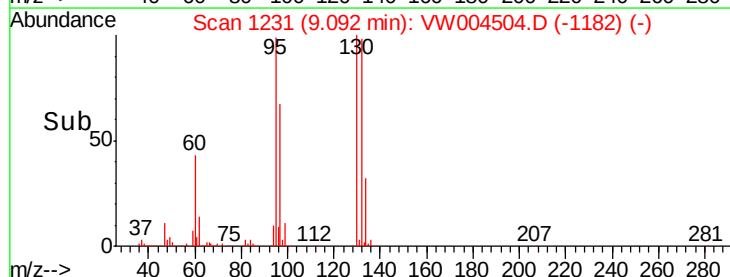
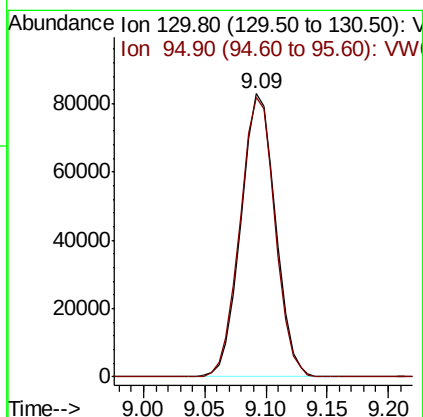
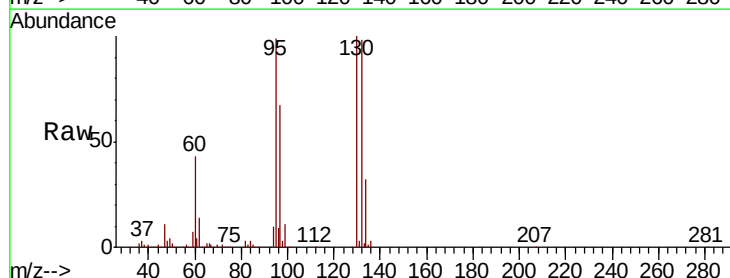
RT: 9.09 min Scan# 1231

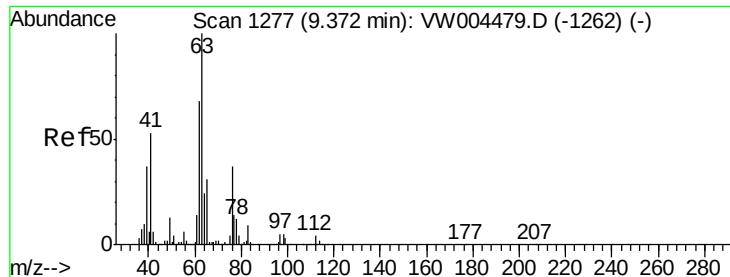
Delta R.T. 0.00 min

Lab File: VW004504.D

Acq: 07 Aug 2018 20:45

Tgt Ion:	130	Resp:	162924
Ion	Ratio	Lower	Upper
130	100		
95	98.6	0.0	196.2





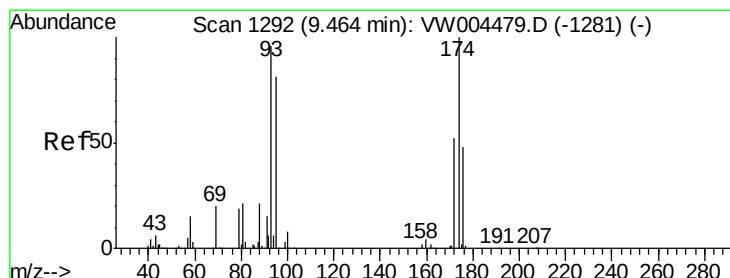
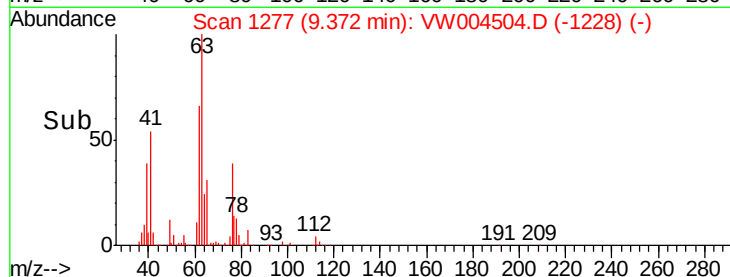
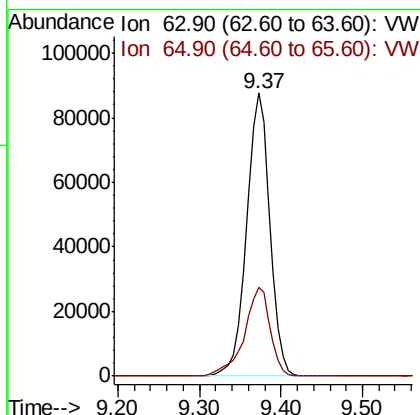
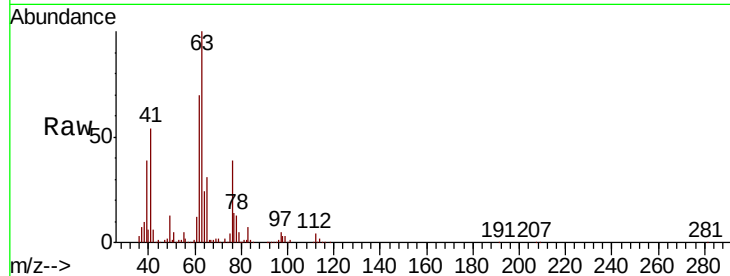
#45
 1,2-Dichloropropane
 Concen: 20.24 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004504.D
 Acq: 07 Aug 2018 20:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.2	24.5	36.7

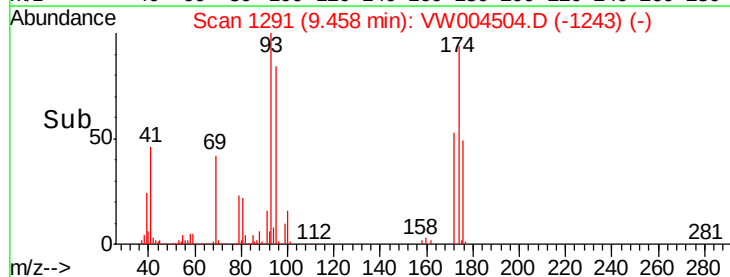
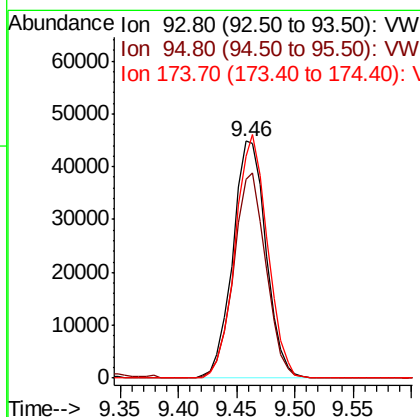
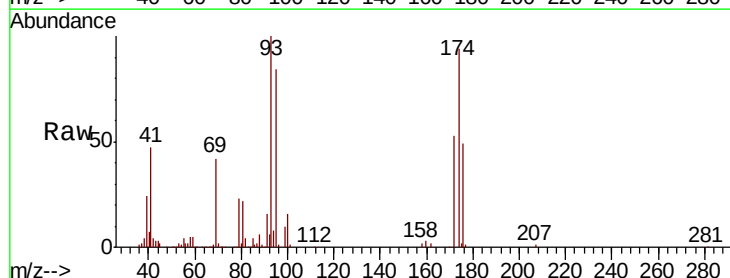
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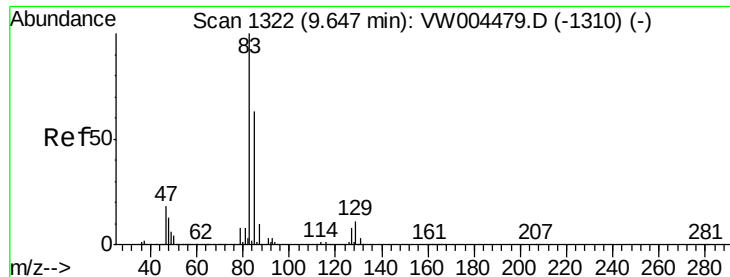
apatel
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#46
 Dibromomethane
 Concen: 20.41 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: VW004504.D
 Acq: 07 Aug 2018 20:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.3	67.0	100.4
174	99.4	80.2	120.4





#47

Bromodichloromethane

Concen: 19.94 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW004504.D

Acq: 07 Aug 2018 20:45

Instrument :

MSVOA_W

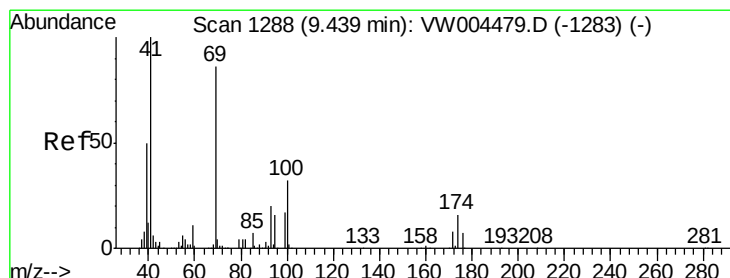
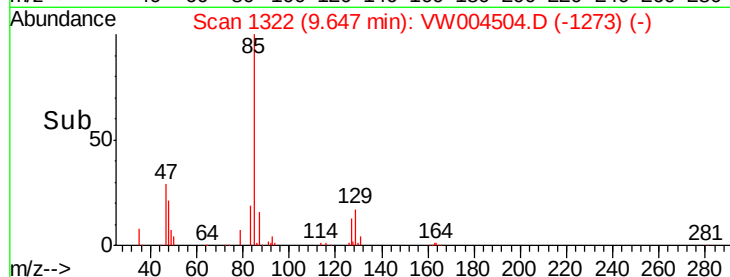
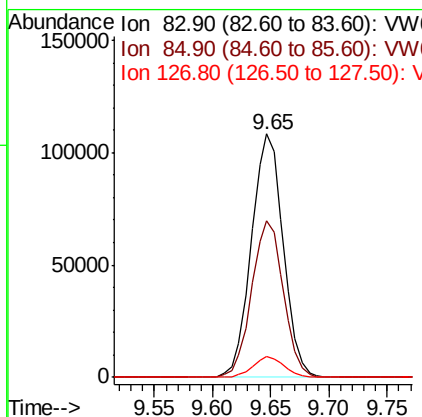
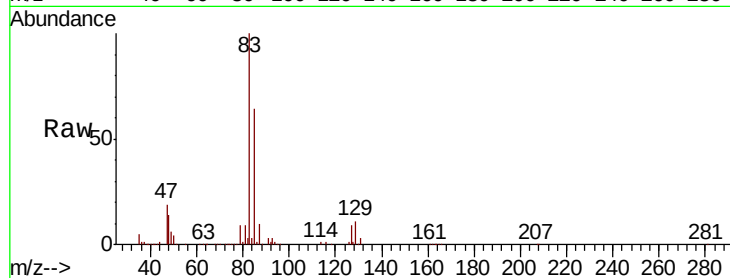
ClientSampleId :

VW0808SBS01

Tot Ion:	83	Resp:	206240
Ion Ratio	Lower	Upper	
83	100		
85	64.4	50.7	76.1
127	8.6	6.5	9.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.02 ug/l

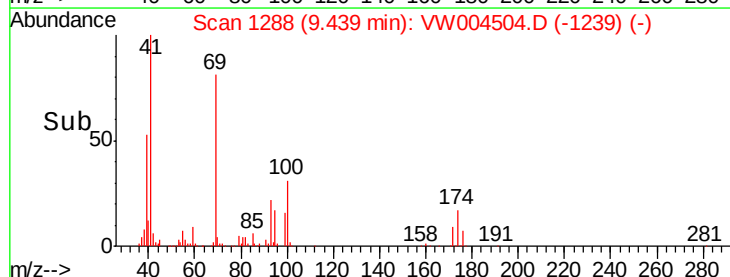
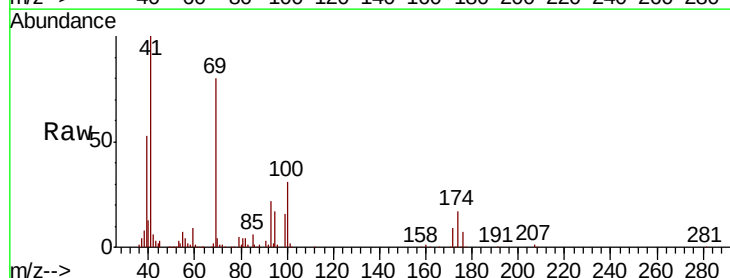
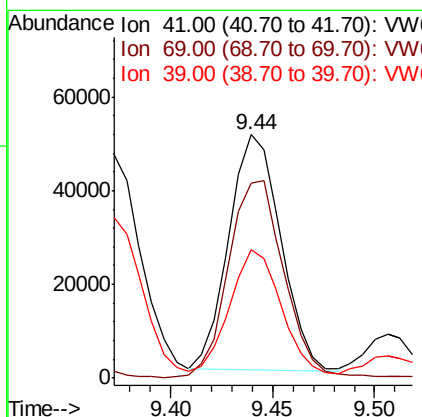
RT: 9.44 min Scan# 1288

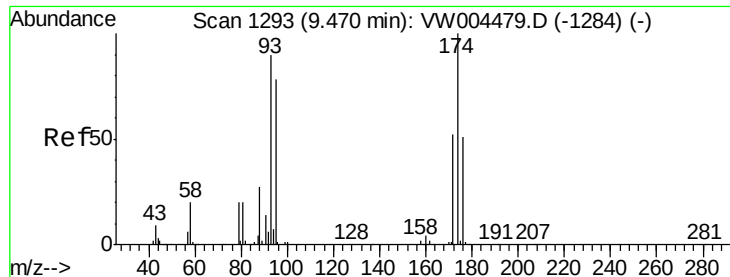
Delta R.T. 0.00 min

Lab File: VW004504.D

Acq: 07 Aug 2018 20:45

Tgt Ion:	41	Resp:	89384
Ion Ratio	Lower	Upper	
41	100		
69	90.1	73.2	109.8
39	51.2	40.6	60.8





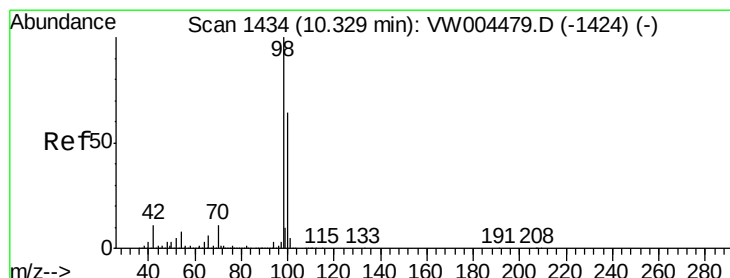
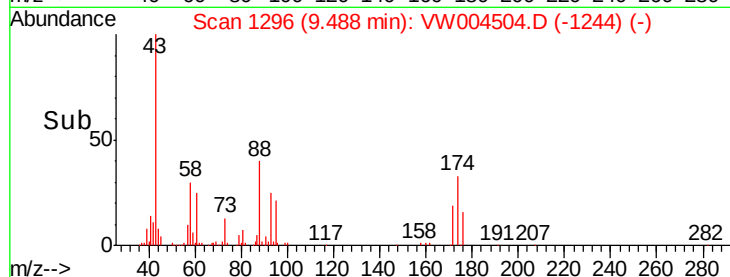
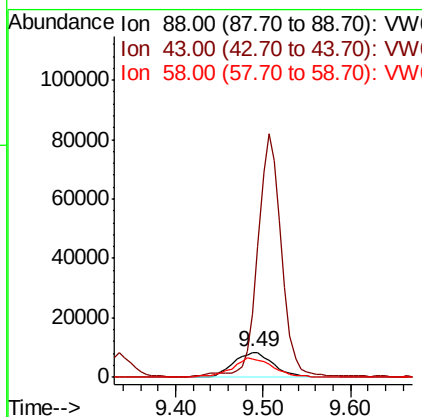
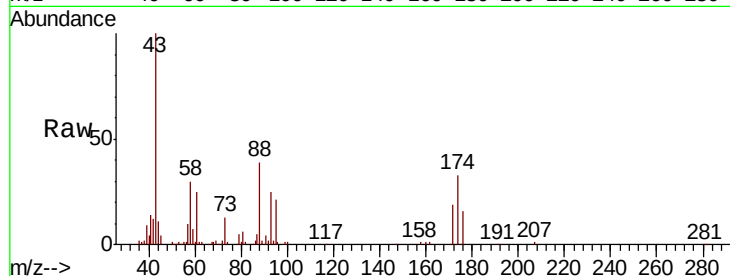
#49
1,4-Dioxane
Concen: 399.51 ug/l
RT: 9.49 min Scan# 1296
Delta R.T. 0.02 min
Lab File: VW004504.D
Acq: 07 Aug 2018 20:45

Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	80.1	63.5	95.3

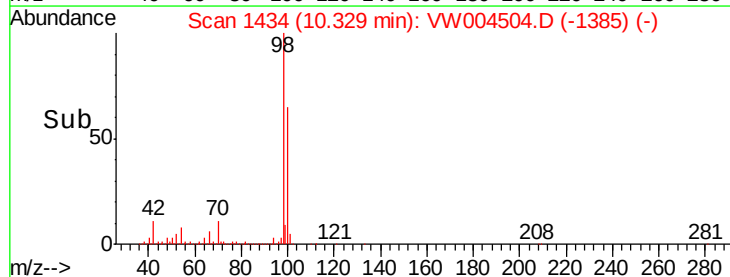
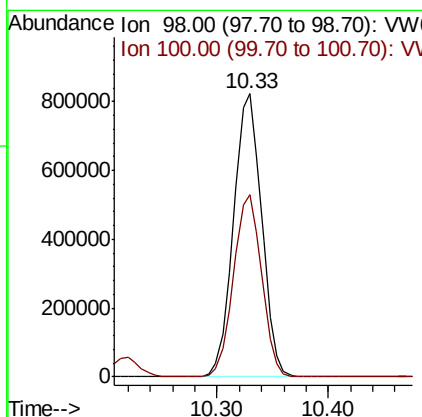
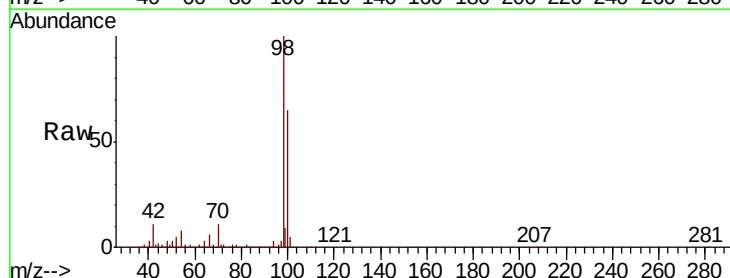
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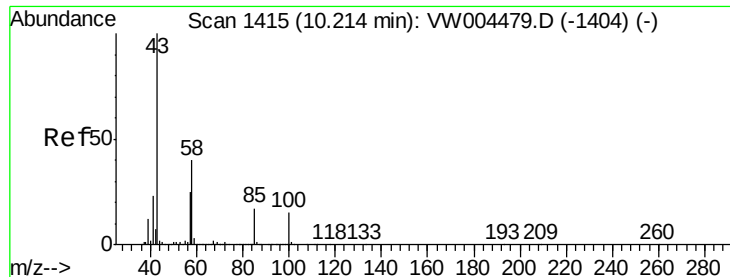
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#50
Toluene-d8
Concen: 52.12 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004504.D
Acq: 07 Aug 2018 20:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.4	77.2





#51

4-Methyl-2-Pentanone

Concen: 100.00 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW004504.D

Acq: 07 Aug 2018 20:45

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBS01

Tot Ion: 43 Resp: 664972

Ion Ratio Lower Upper

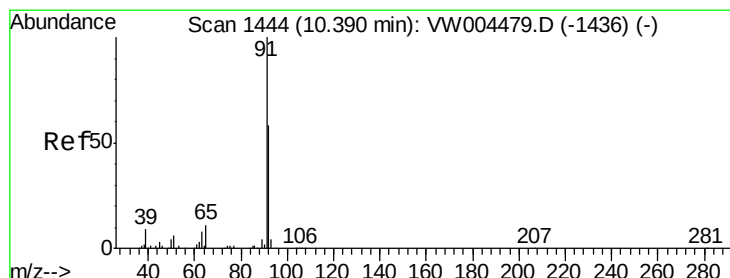
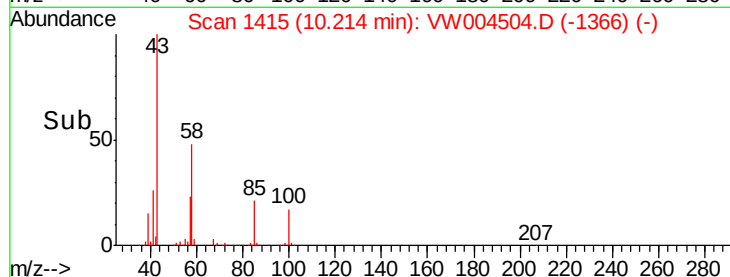
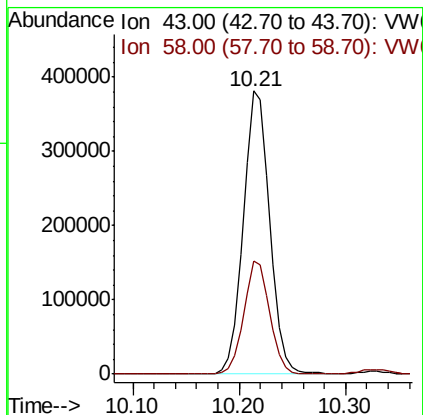
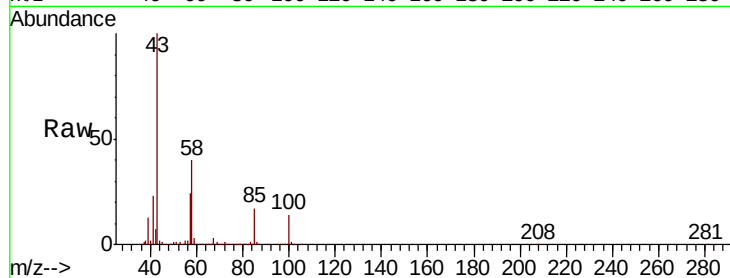
43 100

58 39.3 31.9 47.9

Manual Integrations
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#52

Toluene

Concen: 20.39 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004504.D

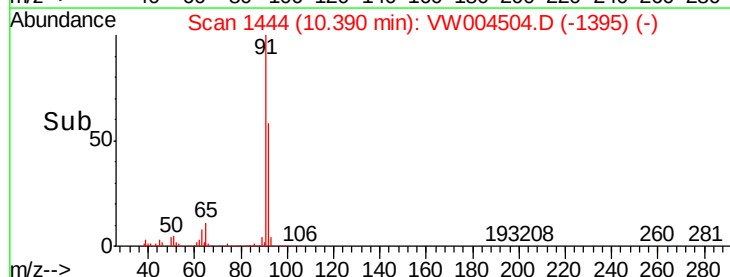
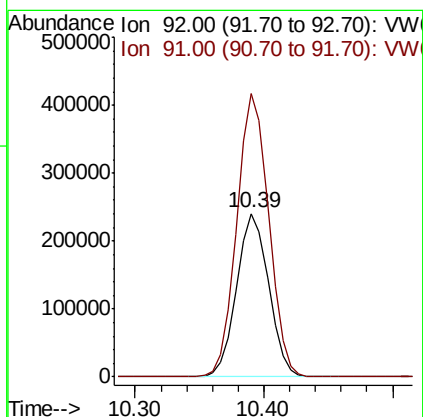
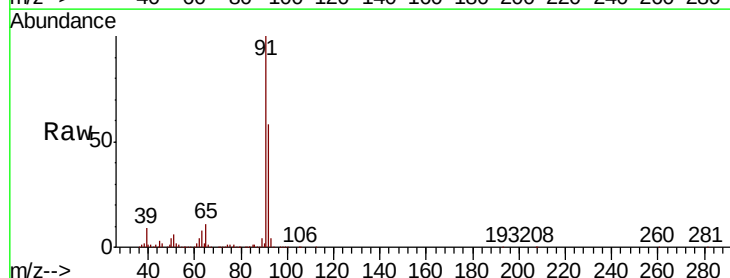
Acq: 07 Aug 2018 20:45

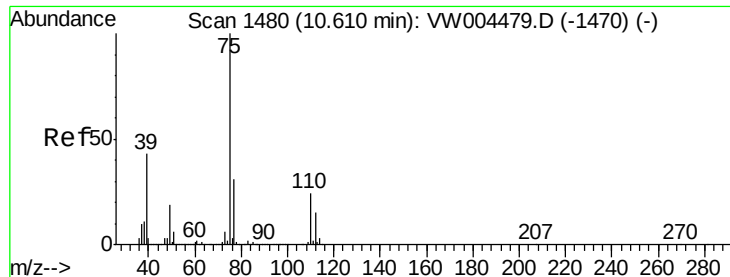
Tgt Ion: 92 Resp: 413231

Ion Ratio Lower Upper

92 100

91 173.2 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 19.67 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW004504.D

Acq: 07 Aug 2018 20:45

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBS01

Tot Ion: 75 Resp: 204261

Ion Ratio Lower Upper

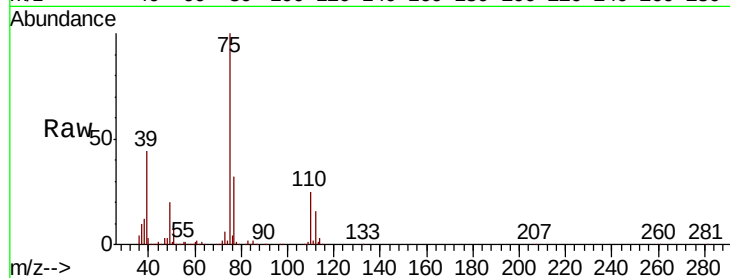
75 100

77 32.0 25.1 37.7

Manual Integrations
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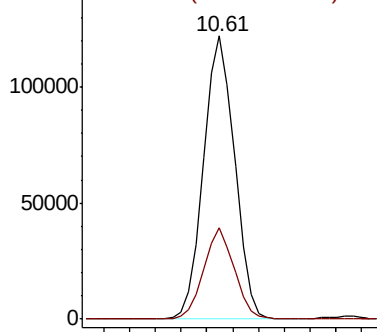
apatel

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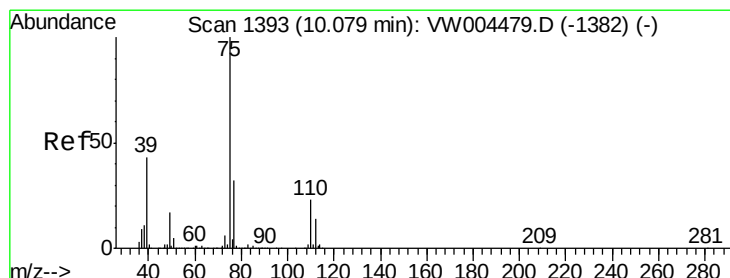
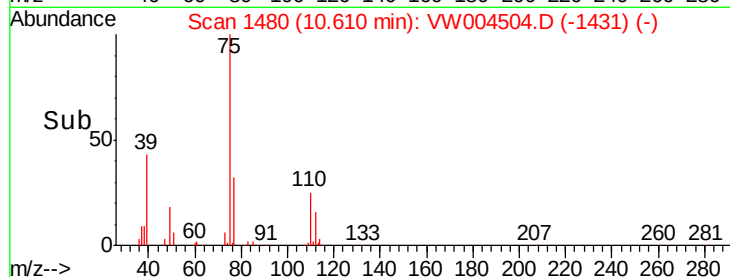


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.96 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW004504.D

Acq: 07 Aug 2018 20:45

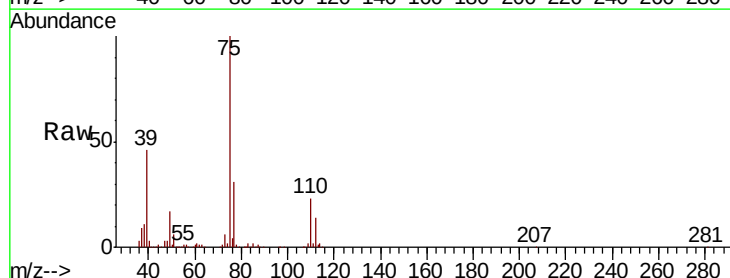
Tgt Ion: 75 Resp: 241582

Ion Ratio Lower Upper

75 100

77 30.8 25.3 37.9

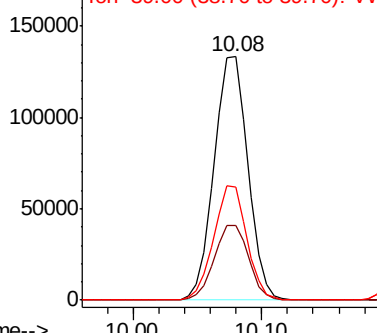
39 46.2 34.5 51.7



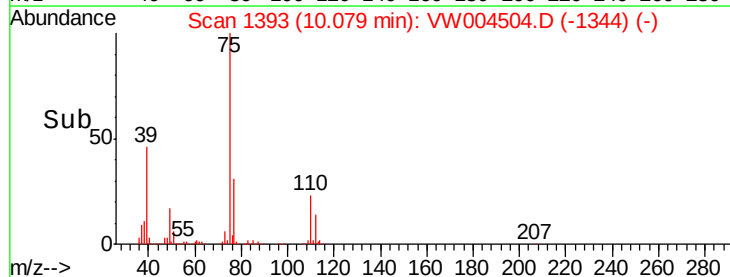
Abundance Ion 74.90 (74.60 to 75.60): VW

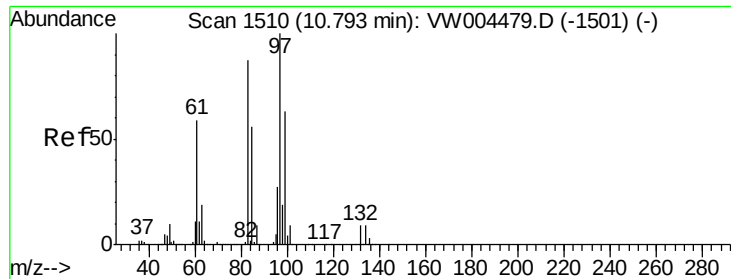
Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW



Time-->





#55

1,1,2-Trichloroethane

Concen: 20.42 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW004504.D

Acq: 07 Aug 2018 20:45

Instrument :

MSVOA_W

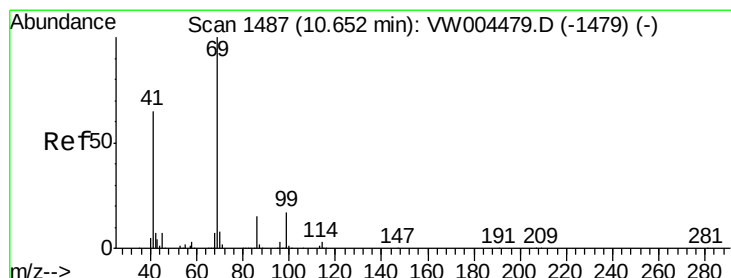
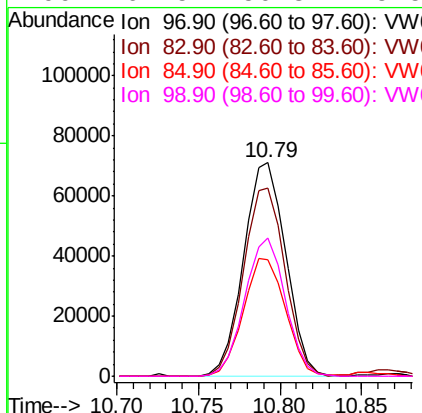
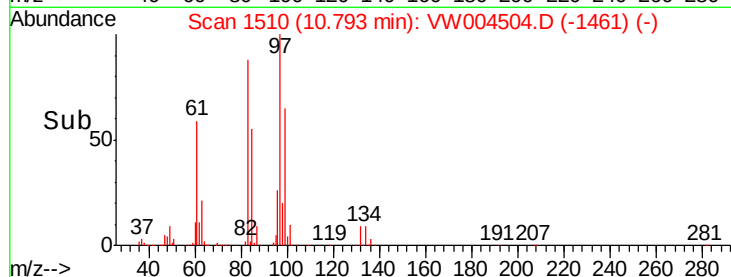
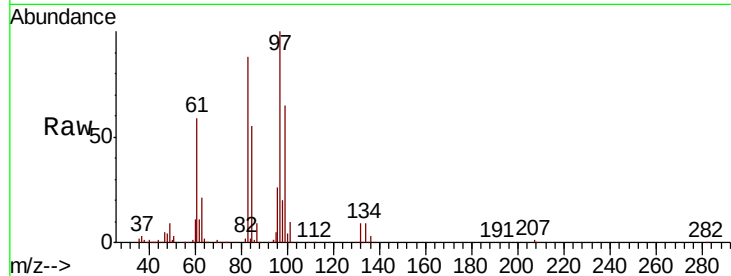
ClientSampleId :

VW0808SBS01

Tot Ion:	97	Resp:	128246
Ion	Ratio	Lower	Upper
97	100		
83	88.0	69.8	104.8
85	54.6	45.1	67.7
99	64.5	50.3	75.5

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#56

Ethyl methacrylate

Concen: 19.26 ug/l

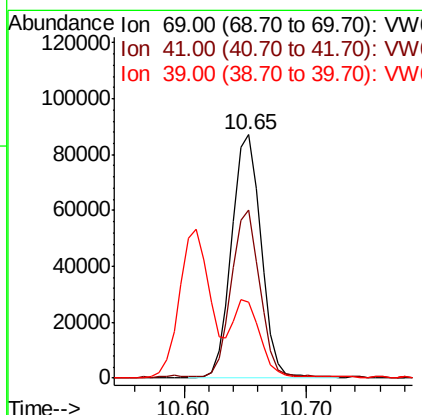
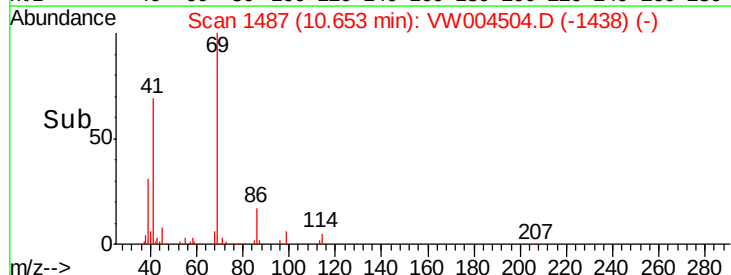
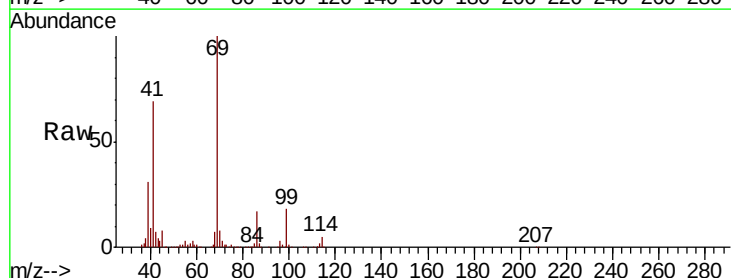
RT: 10.65 min Scan# 1487

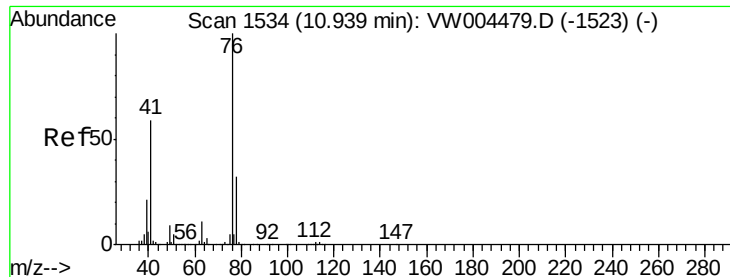
Delta R.T. 0.00 min

Lab File: VW004504.D

Acq: 07 Aug 2018 20:45

Tgt Ion:	69	Resp:	144822
Ion	Ratio	Lower	Upper
69	100		
41	66.9	52.4	78.6
39	28.6	22.7	34.1





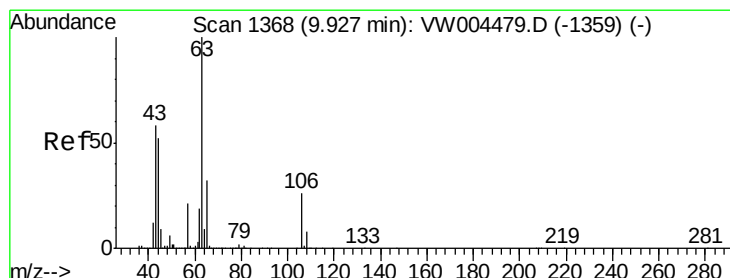
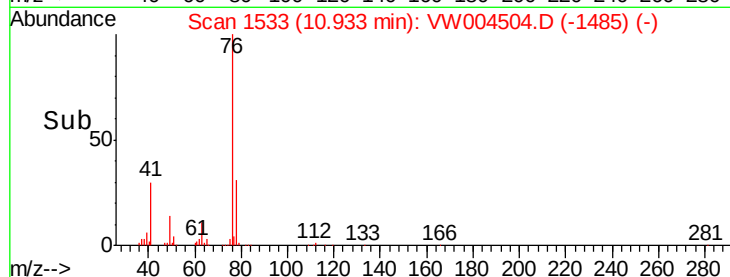
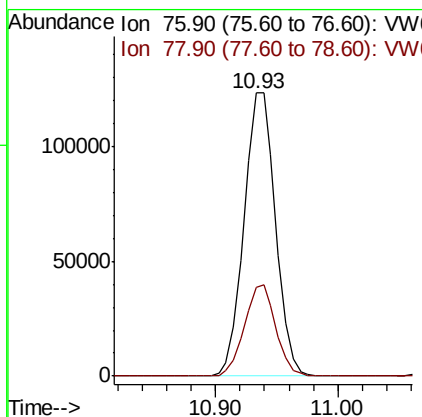
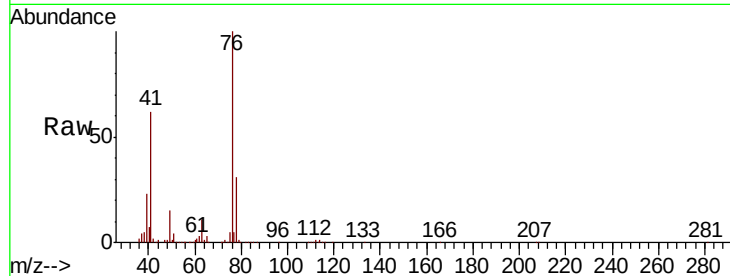
#57
 1,3-Dichloropropane
 Concen: 20.39 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: VW004504.D
 Acq: 07 Aug 2018 20:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.7	38.5

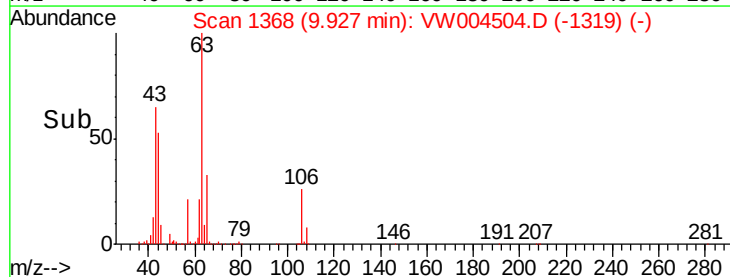
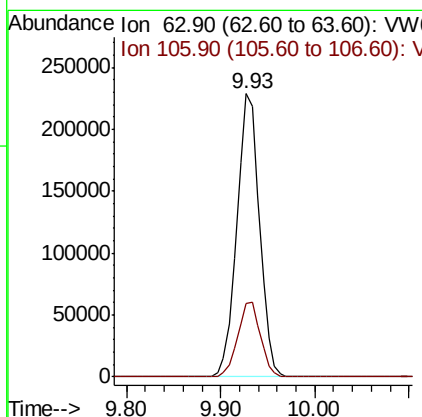
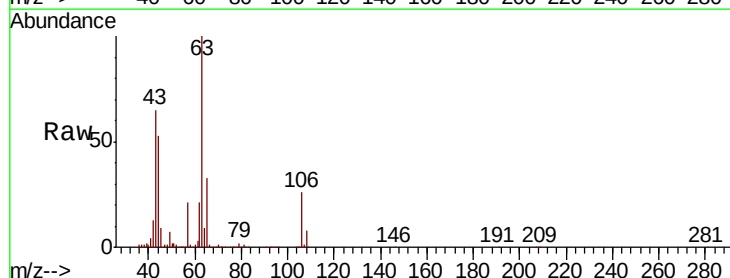
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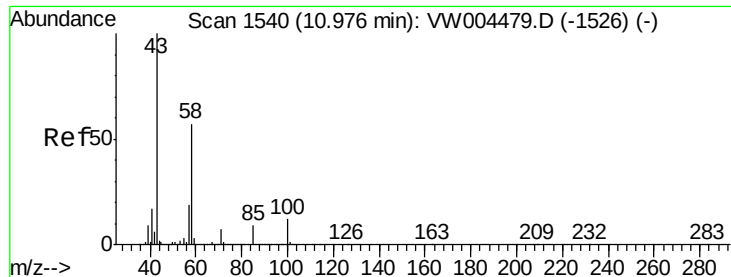
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#58
 2-Chloroethyl Vinyl ether
 Concen: 101.21 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW004504.D
 Acq: 07 Aug 2018 20:45

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.5	21.3	31.9





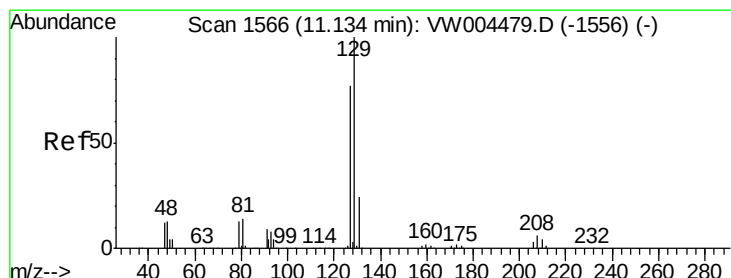
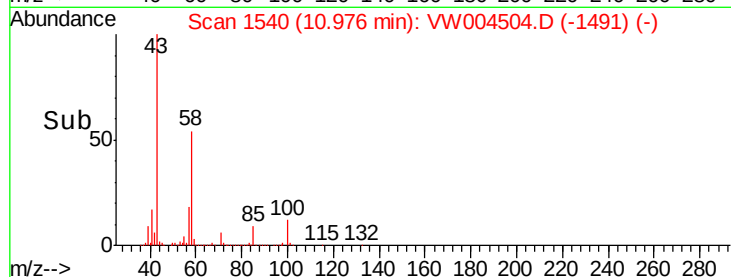
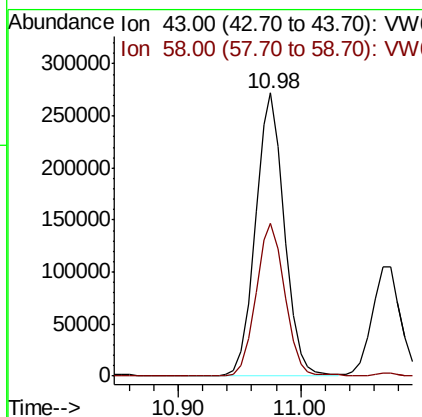
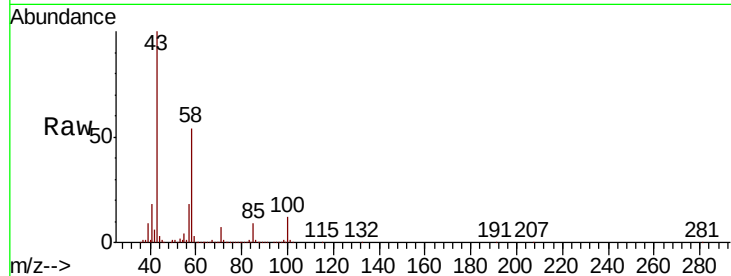
#59
2-Hexanone
Concen: 98.80 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004504.D
Acq: 07 Aug 2018 20:45

Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

Tot Ion: 43 Resp: 445427
Ion Ratio Lower Upper
43 100
58 54.3 27.9 83.6

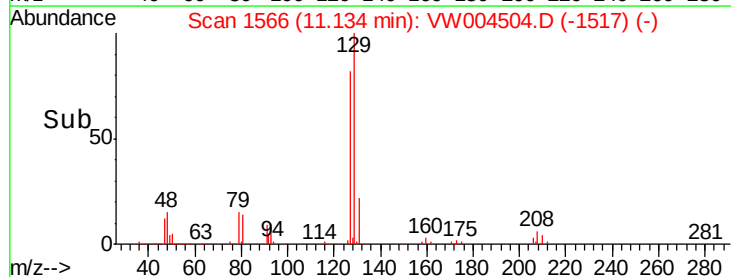
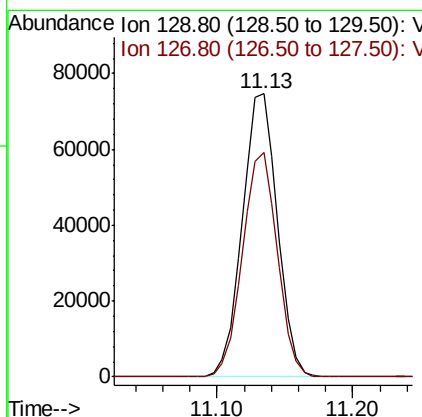
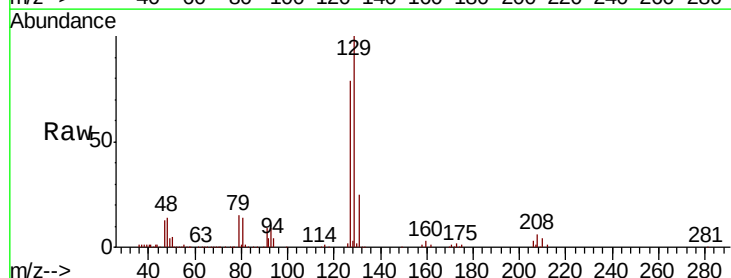
Manual Integrations
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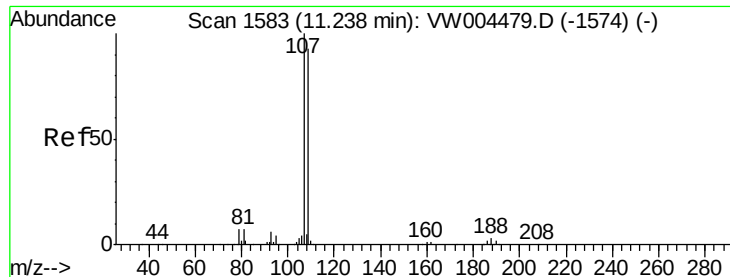
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#60
Dibromochloromethane
Concen: 19.80 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW004504.D
Acq: 07 Aug 2018 20:45

Tgt Ion: 129 Resp: 135193
Ion Ratio Lower Upper
129 100
127 78.3 38.6 115.8





#61

1,2-Dibromoethane

Concen: 20.45 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW004504.D

Acq: 07 Aug 2018 20:45

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBS01

Tot Ion: 107 Resp: 120638

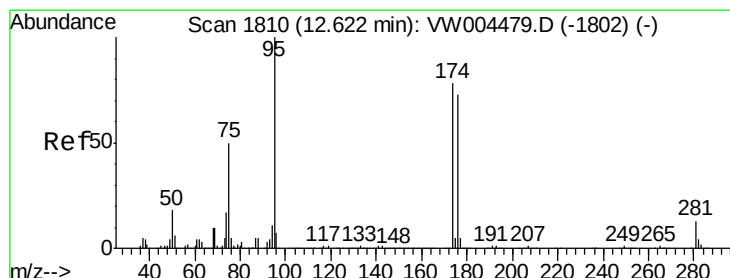
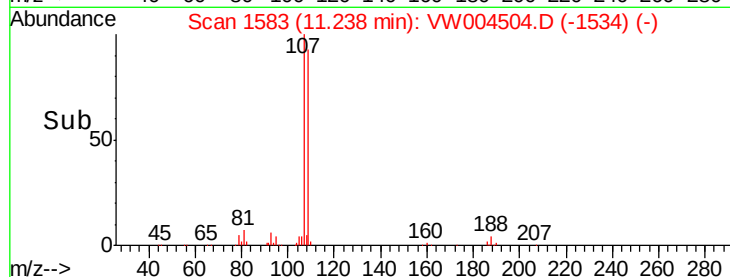
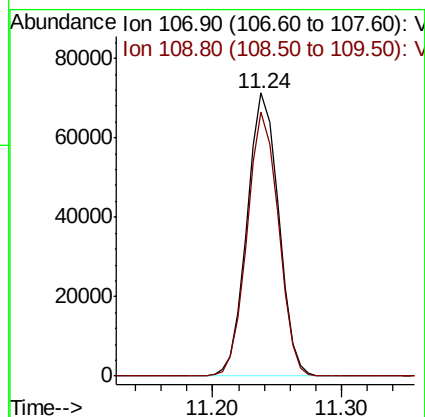
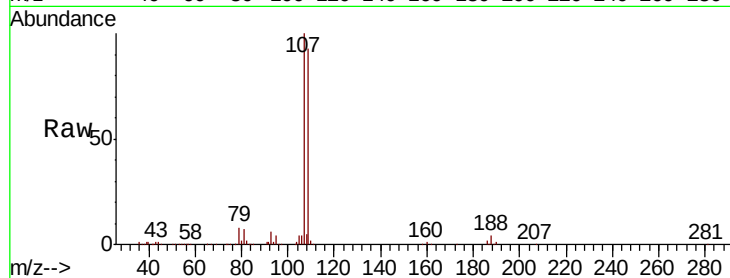
Ion Ratio Lower Upper

107 100

109 92.8 75.7 113.5

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#62

4-Bromofluorobenzene

Concen: 53.12 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004504.D

Acq: 07 Aug 2018 20:45

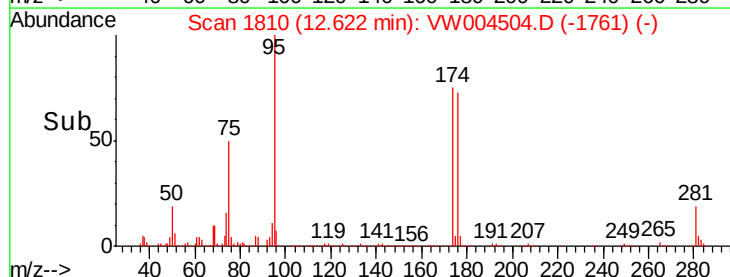
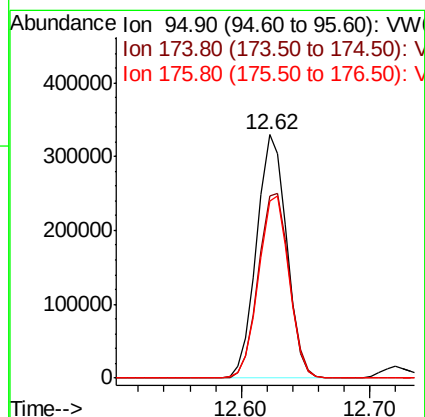
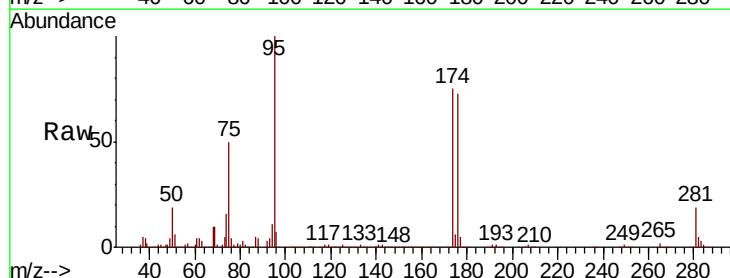
Tgt Ion: 95 Resp: 528644

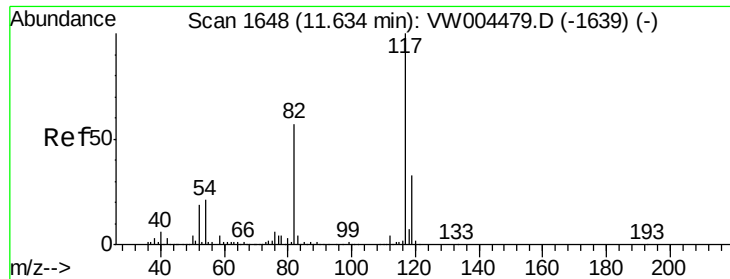
Ion Ratio Lower Upper

95 100

174 78.5 0.0 160.4

176 75.7 0.0 153.2





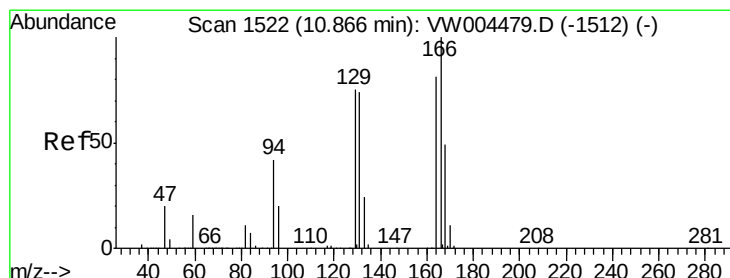
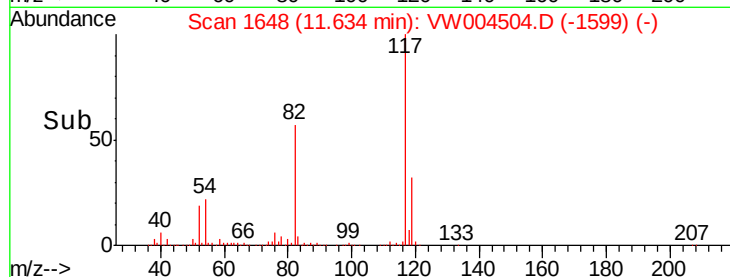
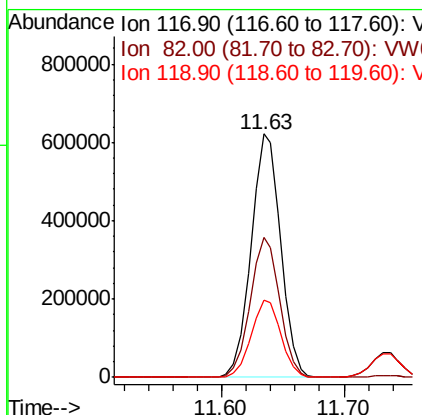
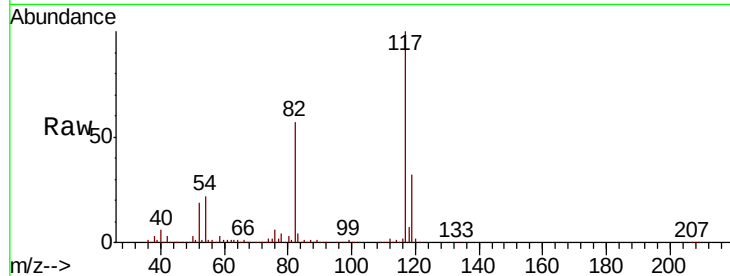
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004504.D
Acq: 07 Aug 2018 20:45

Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.3	45.3	67.9
119	31.8	26.2	39.4

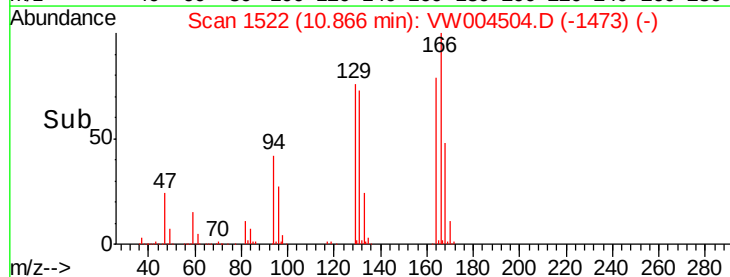
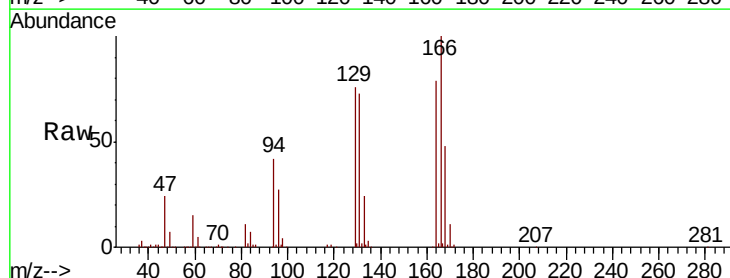
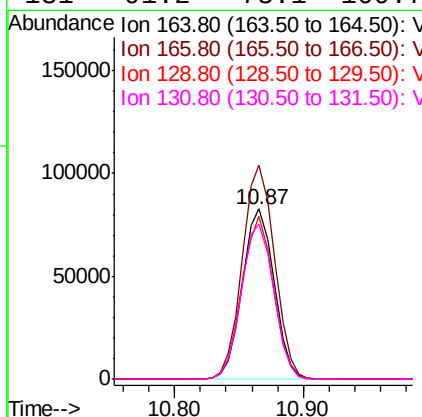
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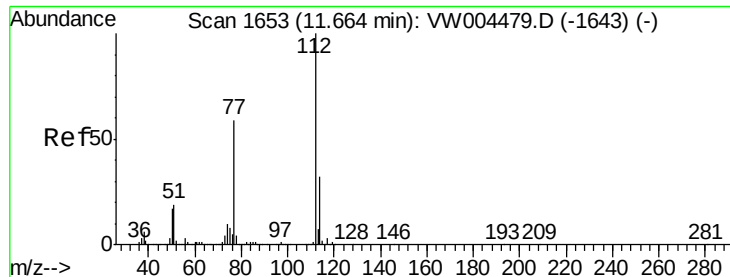
apatel
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#64
Tetrachloroethene
Concen: 19.32 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004504.D
Acq: 07 Aug 2018 20:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.8	98.4	147.6
129	96.0	73.6	110.4
131	91.2	73.1	109.7





#65

Chlorobenzene

Concen: 19.67 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. -0.01 min

Lab File: VW004504.D

Acq: 07 Aug 2018 20:45

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBS01

Tot Ion:112 Resp: 453139

Ion Ratio Lower Upper

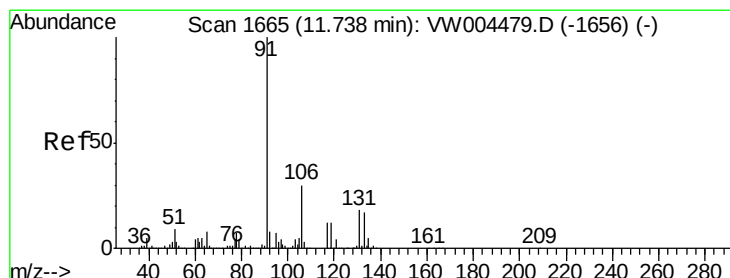
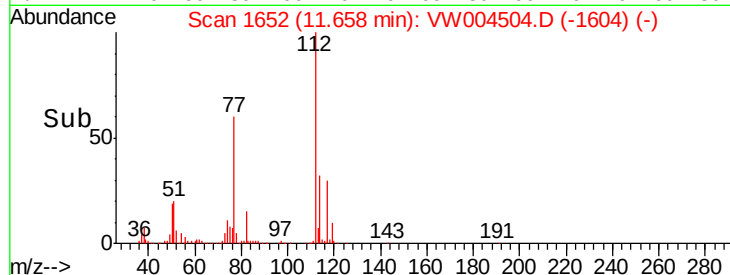
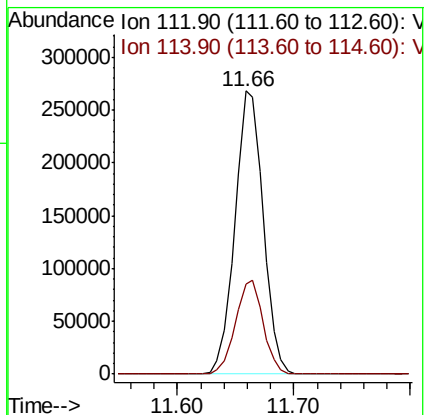
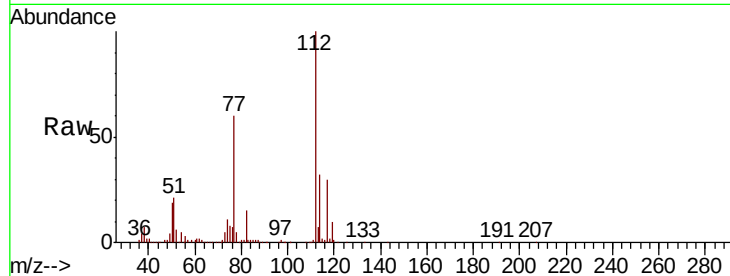
112 100

114 31.9 26.0 39.0

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 19.52 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. -0.01 min

Lab File: VW004504.D

Acq: 07 Aug 2018 20:45

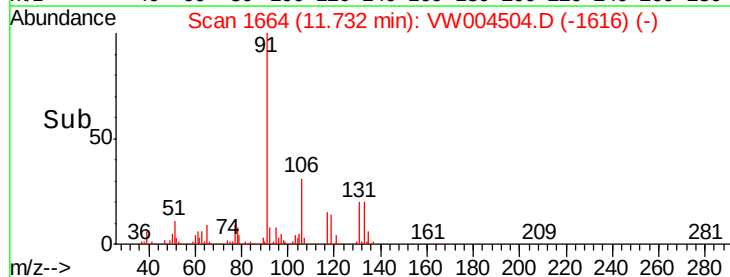
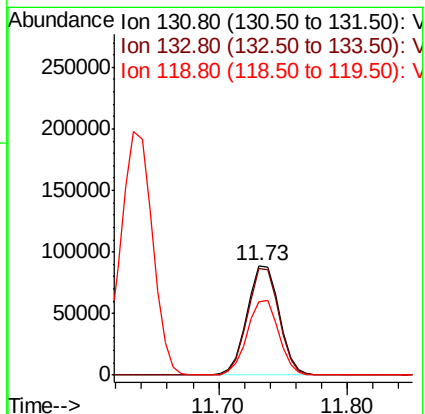
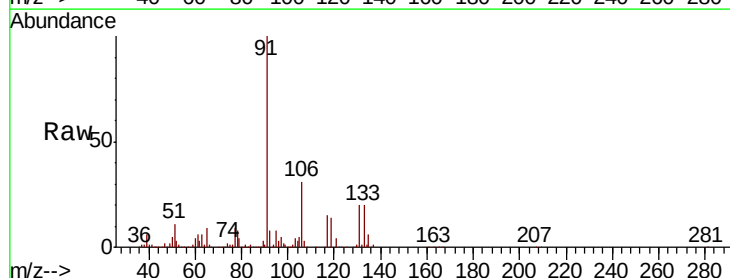
Tgt Ion:131 Resp: 153081

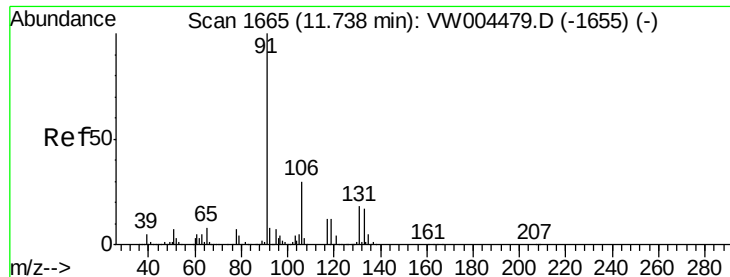
Ion Ratio Lower Upper

131 100

133 95.7 48.1 144.4

119 67.6 33.9 101.7





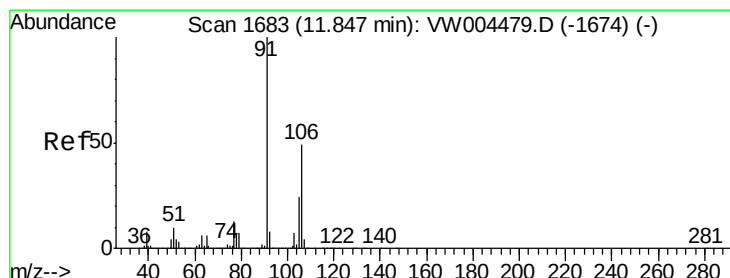
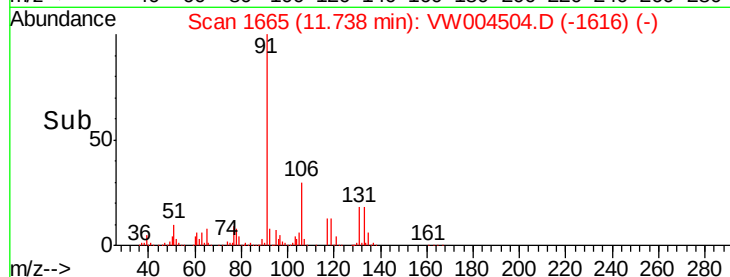
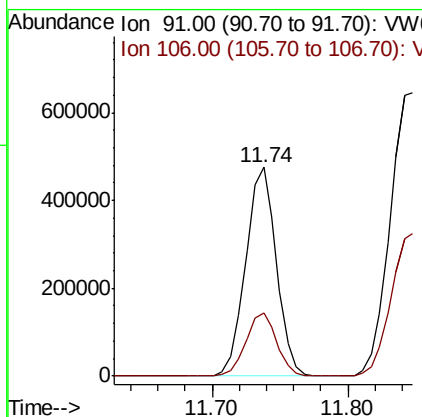
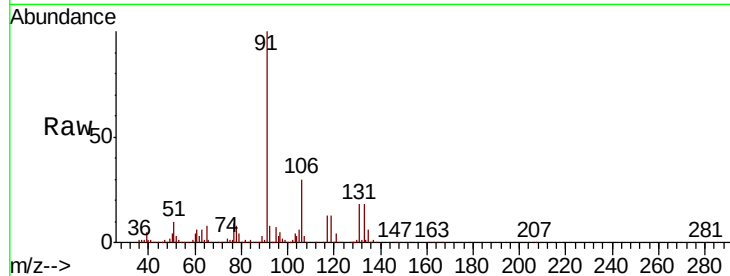
#67
Ethyl Benzene
Concen: 19.19 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004504.D
Acq: 07 Aug 2018 20:45

Instrument :
MSVOA_W
ClientSampled :
VW0808SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.2	36.2

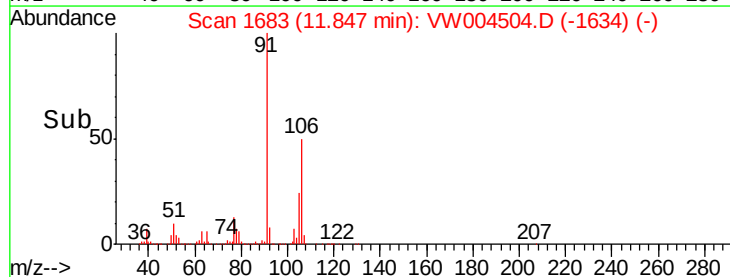
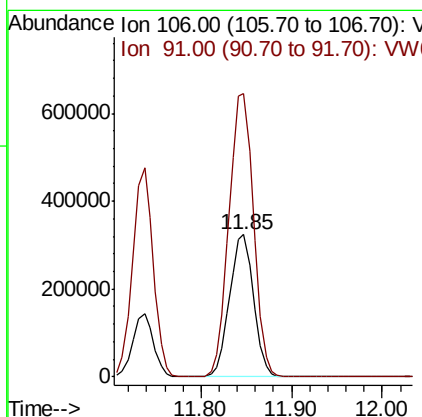
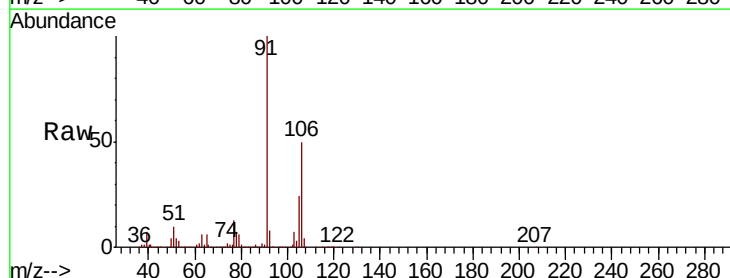
Manual Integrations
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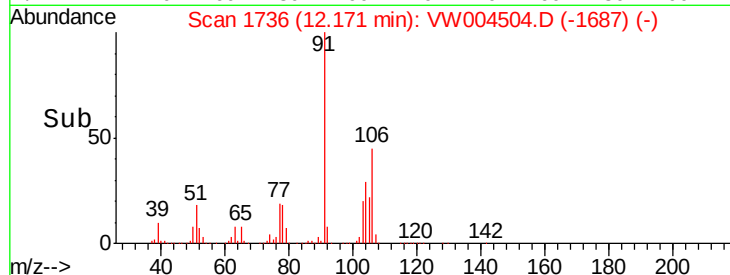
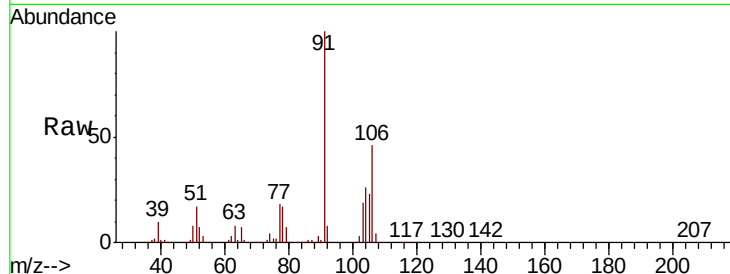
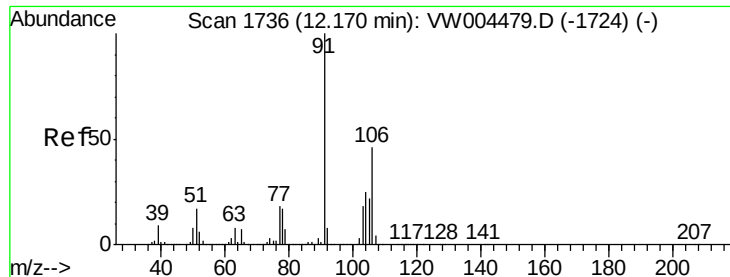
apatel
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#68
m/p-Xylenes
Concen: 39.45 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW004504.D
Acq: 07 Aug 2018 20:45

Tgt Ion	Ratio	Lower	Upper
106	100		
91	204.0	162.8	244.2





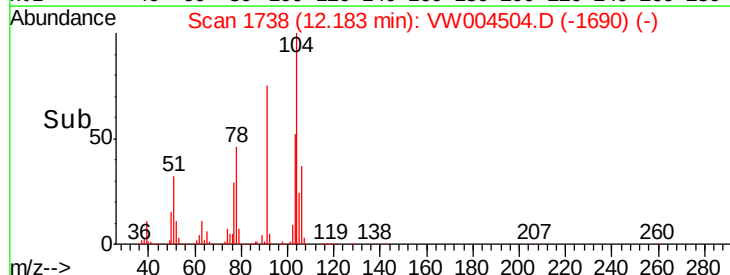
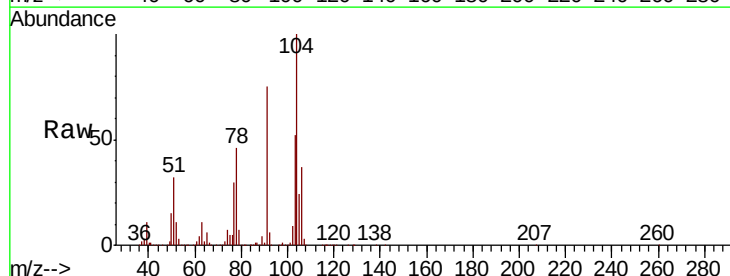
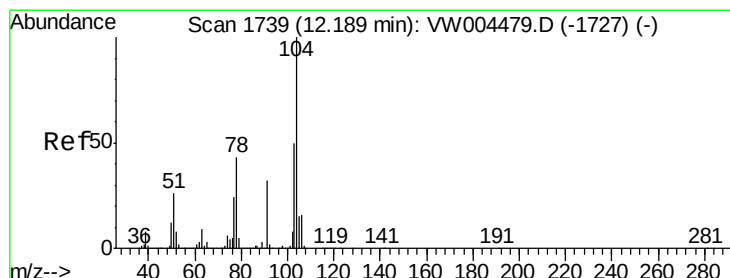
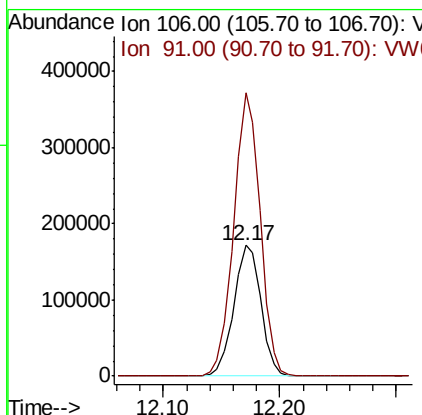
#69
o-Xylene
Concen: 19.84 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004504.D
Acq: 07 Aug 2018 20:45

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.7	106.7	320.2

Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

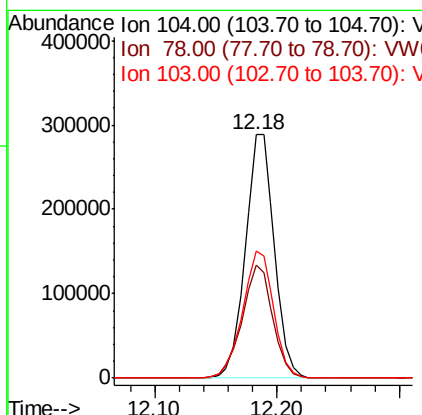
Manual Integrations
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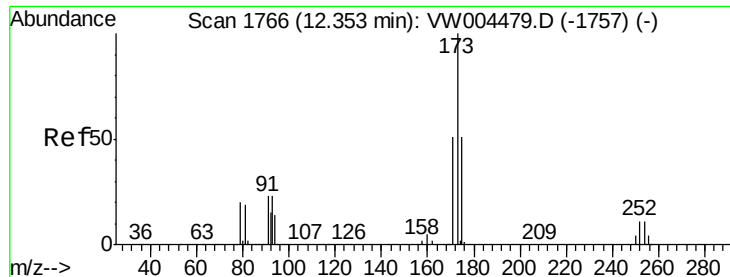
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#70
Styrene
Concen: 20.06 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VW004504.D
Acq: 07 Aug 2018 20:45

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.9	39.0	58.4
103	55.9	44.2	66.2





#71

Bromoform

Concen: 19.45 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW004504.D

Acq: 07 Aug 2018 20:45

Instrument :

MSVOA_W

ClientSampled :

VW0808SBS01

Tot Ion:173 Resp: 83871

Ion Ratio Lower Upper

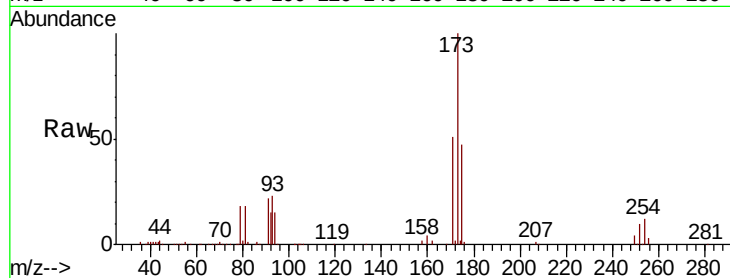
173 100

175 47.9 24.5 73.5

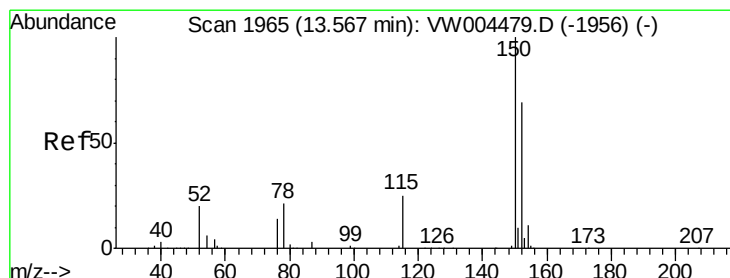
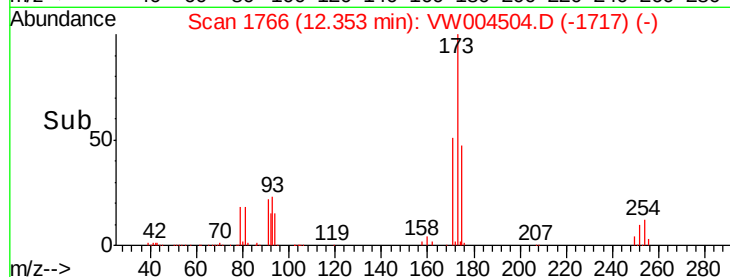
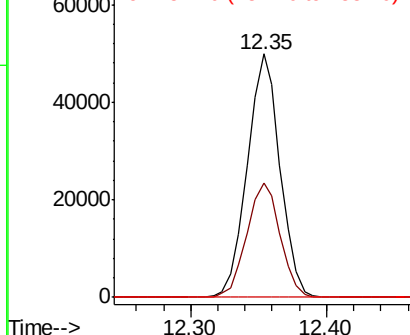
254 0.1 0.2 0.2#

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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: VW004504.D

Acq: 07 Aug 2018 20:45

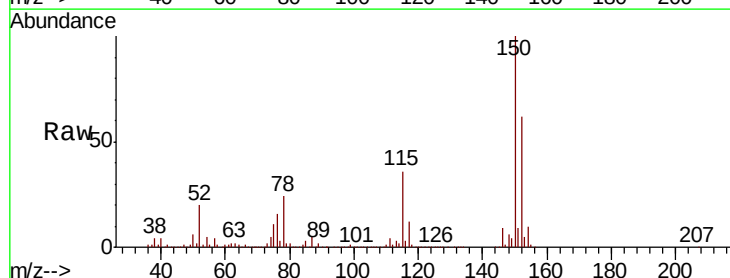
Tgt Ion:152 Resp: 561968

Ion Ratio Lower Upper

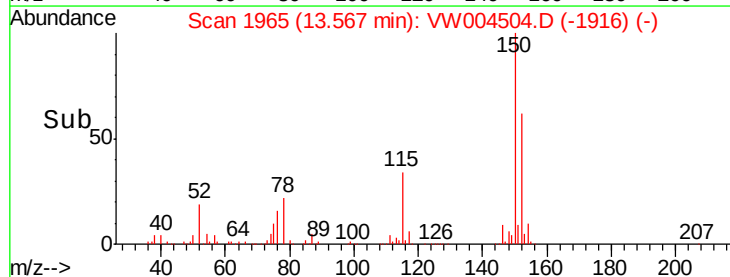
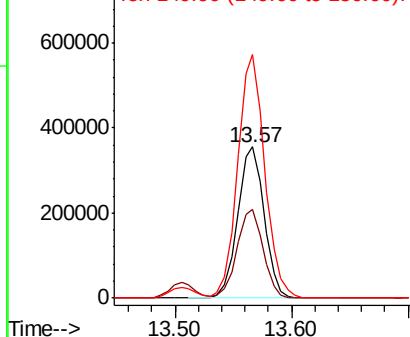
152 100

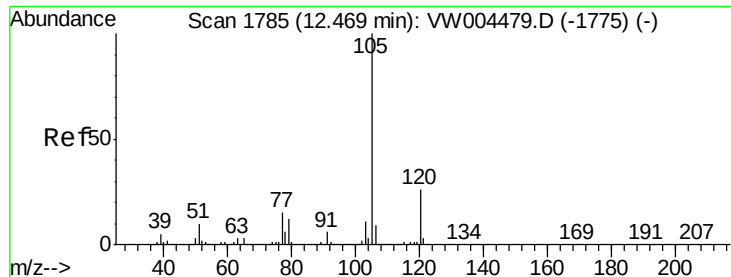
115 58.2 29.1 87.3

150 164.6 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: 18.84 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004504.D

Acq: 07 Aug 2018 20:45

Instrument :

MSVOA_W

ClientSampled :

VW0808SBS01

Tot Ion:105 Resp: 732204

Ion Ratio Lower Upper

105 100

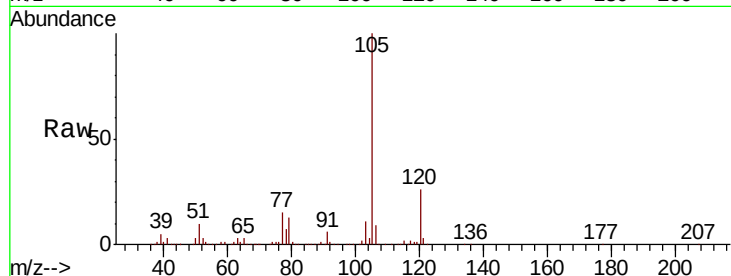
120 26.5 13.2 39.6

Manual Integrations

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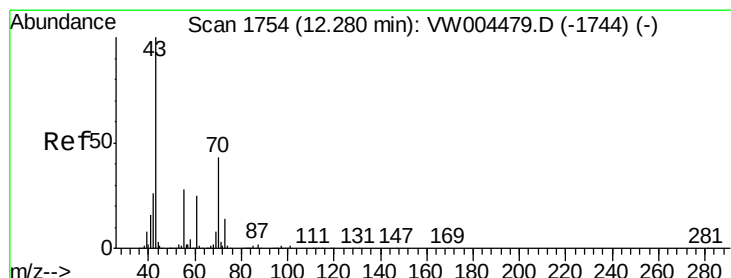
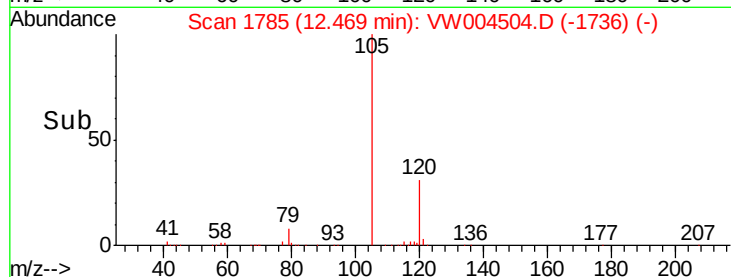
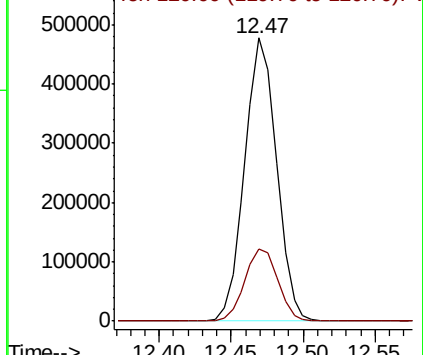
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.09 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004504.D

Acq: 07 Aug 2018 20:45

Tgt Ion: 43 Resp: 179932

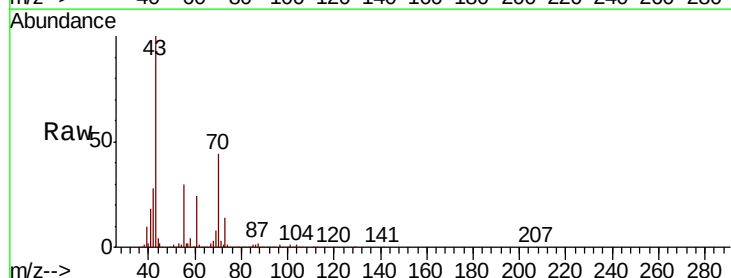
Ion Ratio Lower Upper

43 100

70 43.7 35.3 52.9

55 29.8 22.9 34.3

61 23.6 19.7 29.5

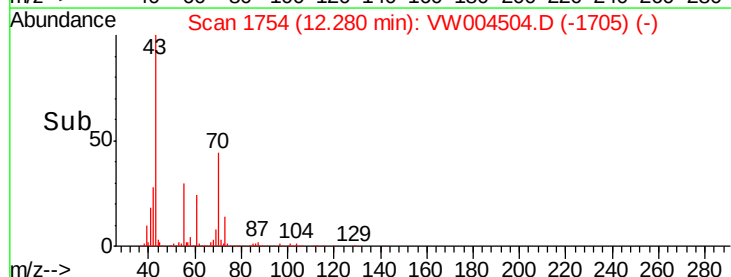
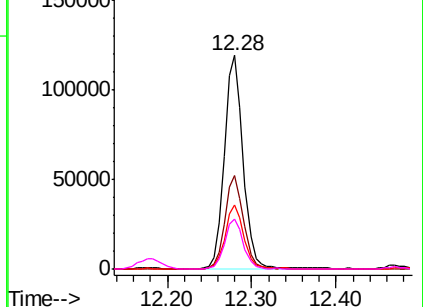


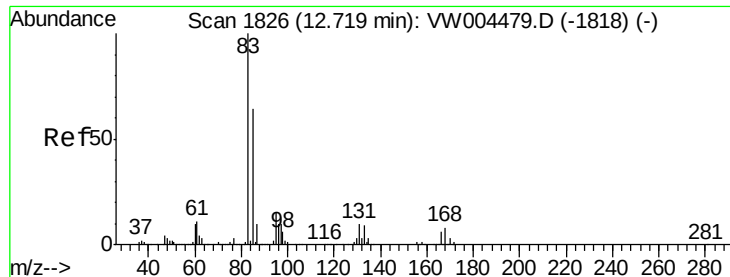
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 19.82 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004504.D

Acq: 07 Aug 2018 20:45

Instrument :

MSVOA_W

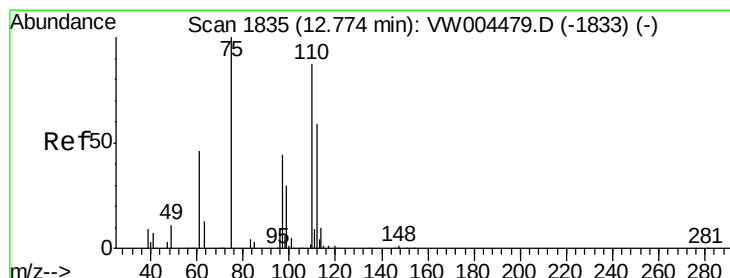
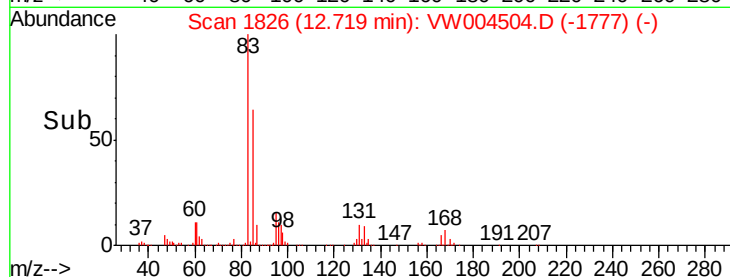
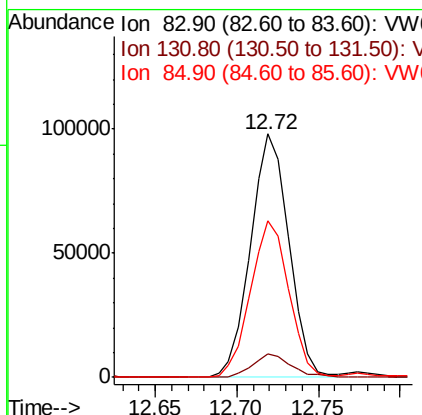
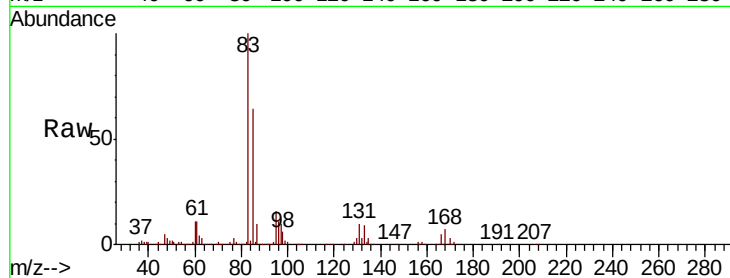
ClientSampled :

VW0808SBS01

Tot Ion:	83	Resp:	160824
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.0	15.0
85	64.2	31.8	95.4

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#76

1,2,3-Trichloropropane

Concen: 22.52 ug/l m

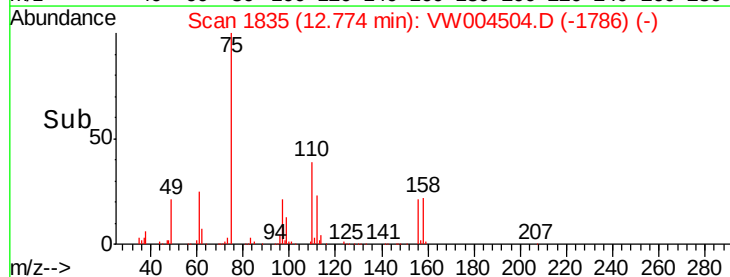
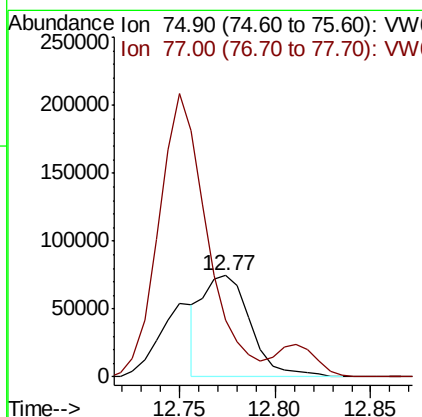
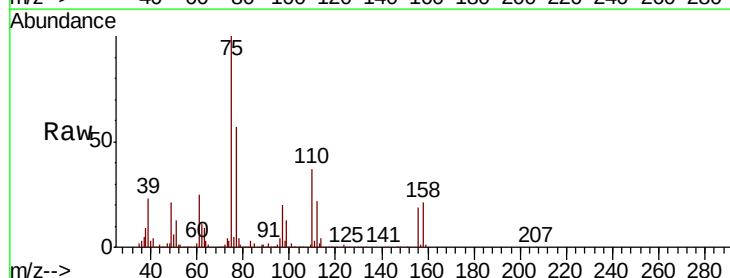
RT: 12.77 min Scan# 1835

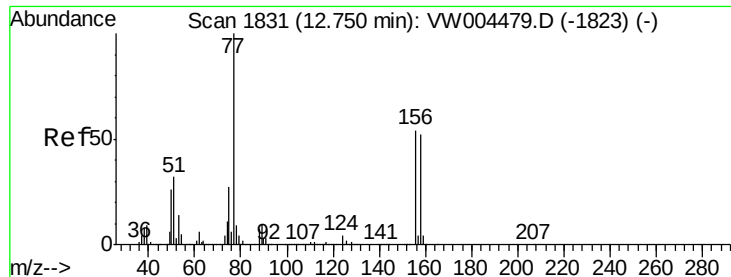
Delta R.T. 0.00 min

Lab File: VW004504.D

Acq: 07 Aug 2018 20:45

Tgt Ion:	75	Resp:	130982
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.01 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW004504.D

Acq: 07 Aug 2018 20:45

Instrument :

MSVOA_W

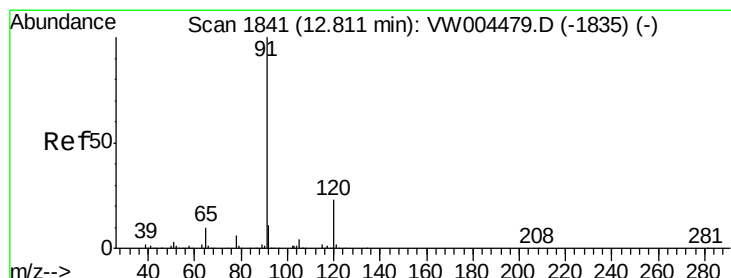
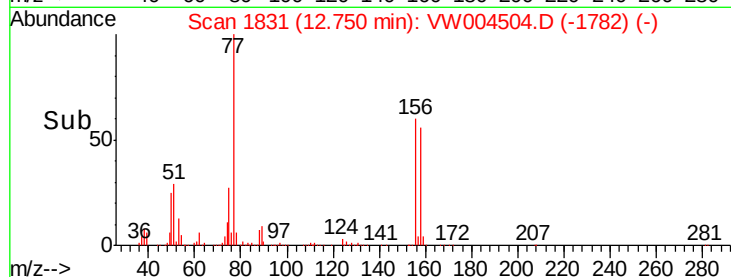
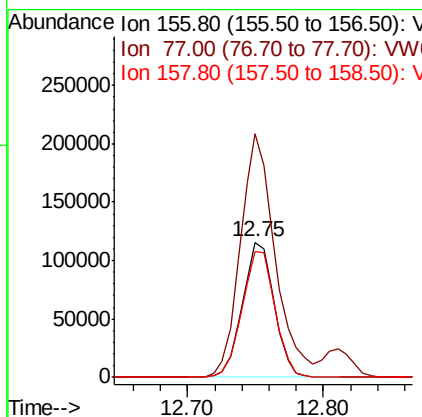
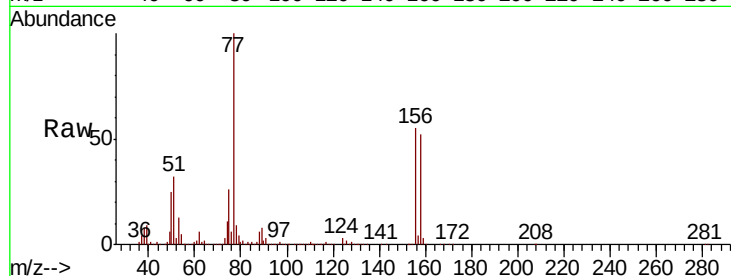
ClientSampled :

VW0808SBS01

Tot Ion:	156	Resp:	188201
Ion Ratio	Lower	Upper	
156	100		
77	197.1	98.7	296.1
158	96.7	48.7	146.1

Manual Integrations
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#78

n-propylbenzene

Concen: 19.38 ug/l

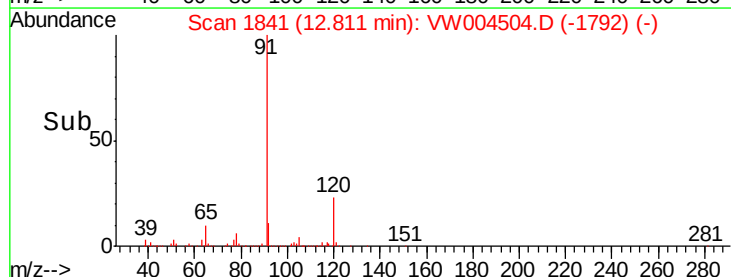
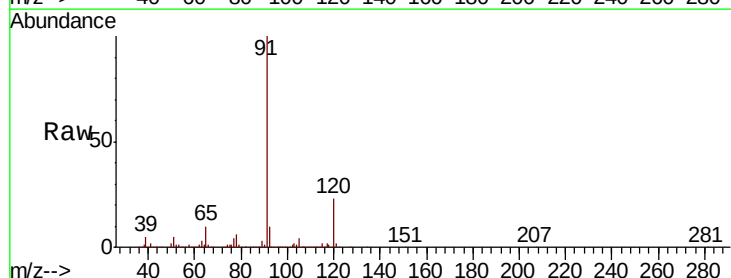
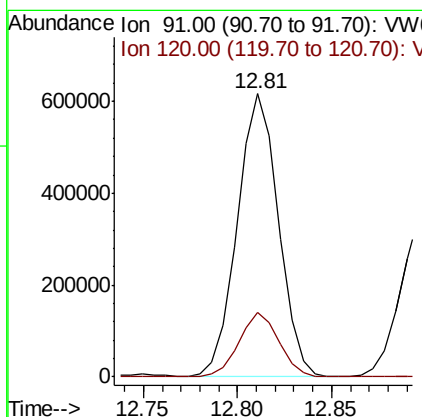
RT: 12.81 min Scan# 1841

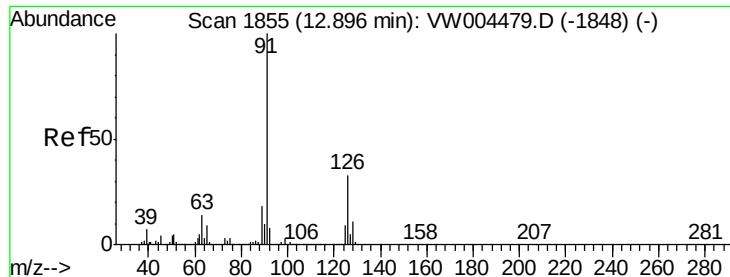
Delta R.T. 0.00 min

Lab File: VW004504.D

Acq: 07 Aug 2018 20:45

Tgt Ion:	91	Resp:	929563
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.3	33.9





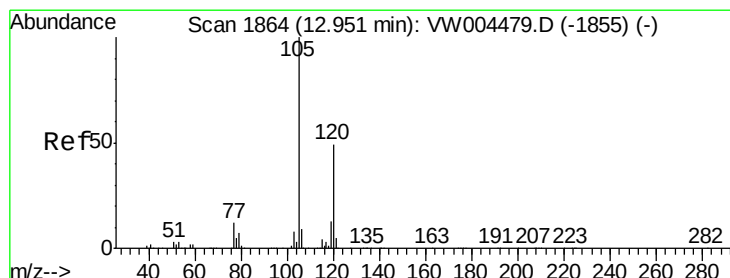
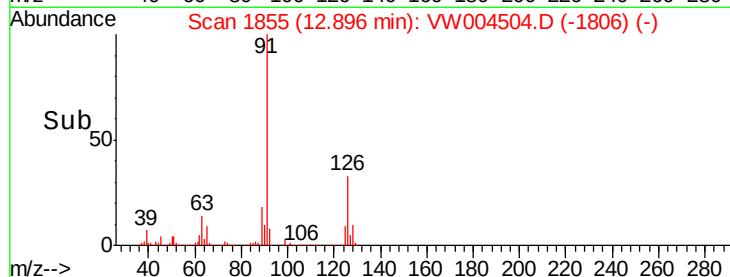
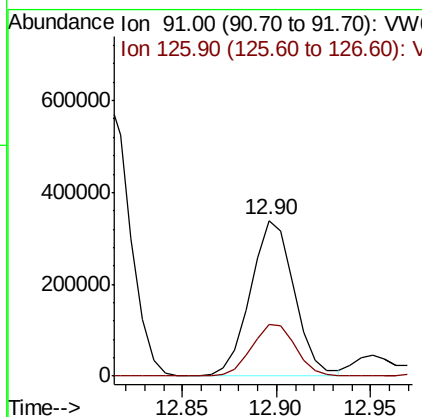
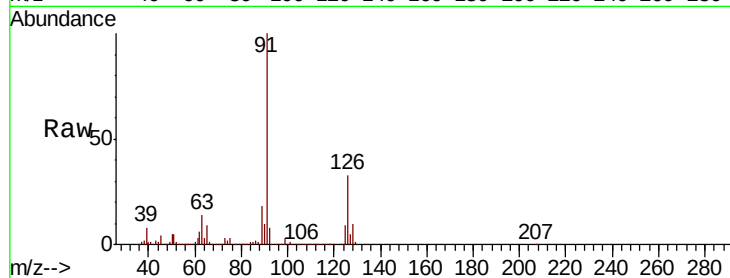
#79
2-Chlorotoluene
Concen: 19.65 ug/l
RT: 12.90 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW004504.D
Acq: 07 Aug 2018 20:45

Instrument :
MSVOA_W
ClientSampled :
VW0808SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.6	49.8

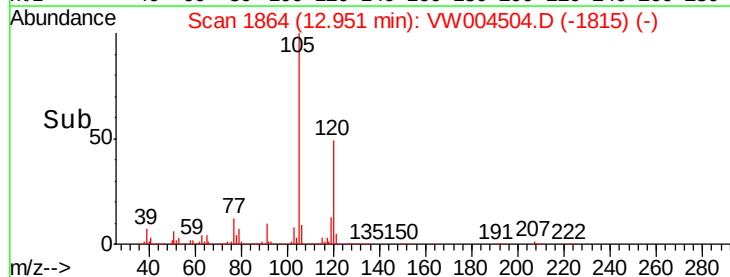
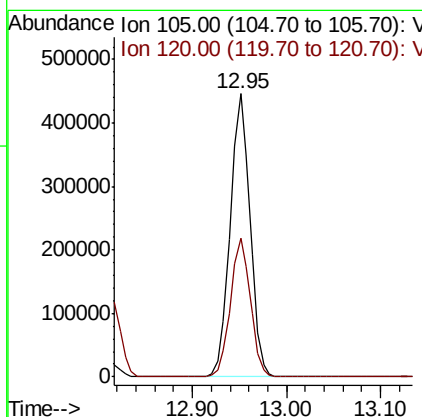
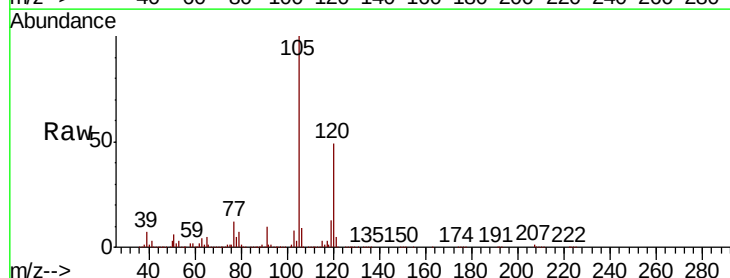
Manual Integrations
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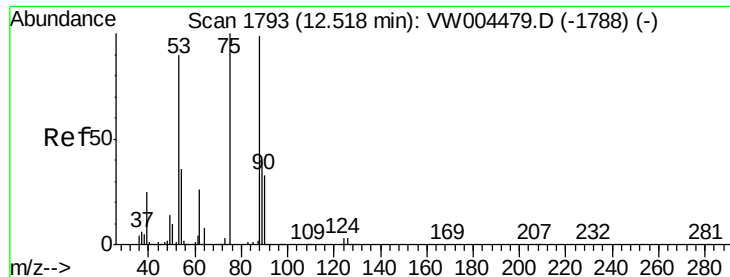
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#80
1,3,5-Trimethylbenzene
Concen: 19.68 ug/l
RT: 12.95 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VW004504.D
Acq: 07 Aug 2018 20:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.0	24.6	73.8





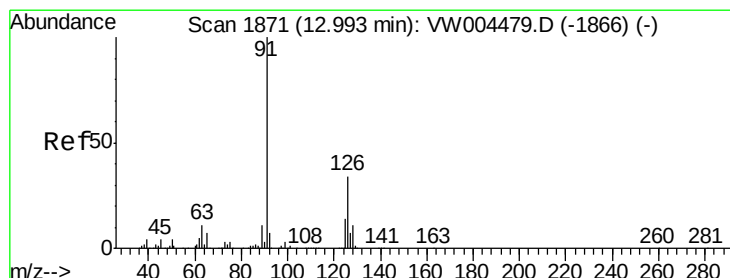
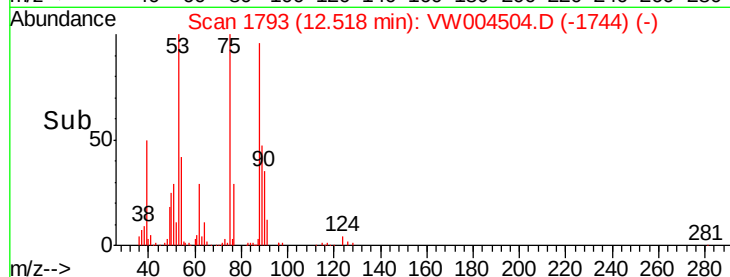
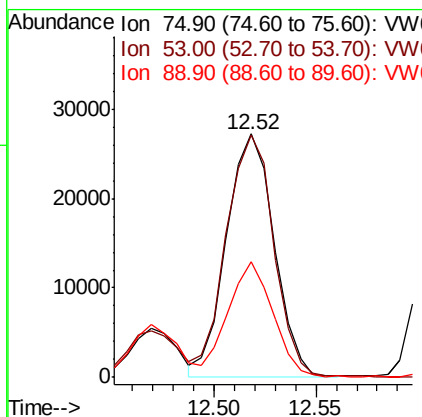
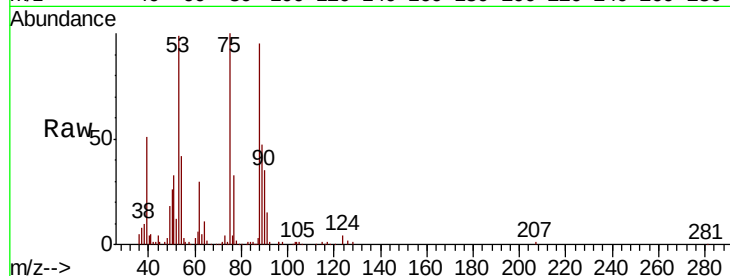
#81
trans-1,4-Dichloro-2-butene
Concen: 18.20 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW004504.D
Acq: 07 Aug 2018 20:45

Instrument :
MSVOA_W
ClientSampled :
VW0808SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.1	74.4	111.6
89	44.7	35.9	53.9

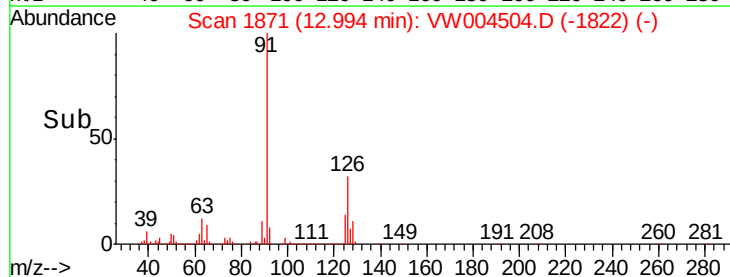
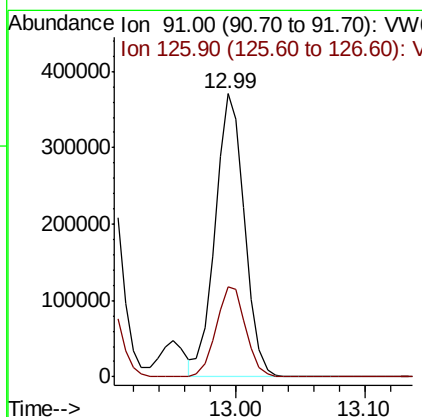
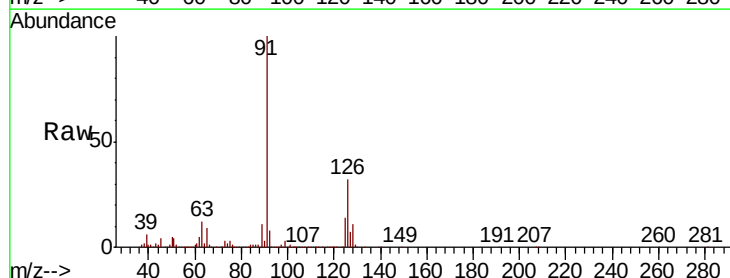
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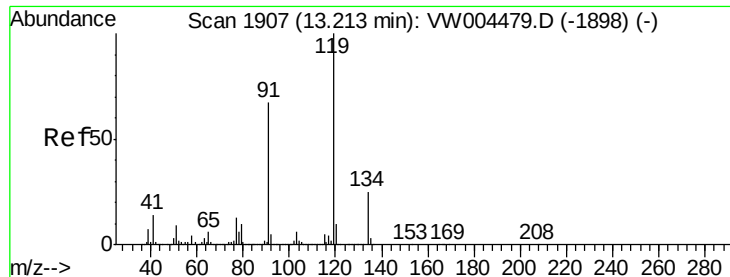
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#82
4-Chlorotoluene
Concen: 20.03 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VW004504.D
Acq: 07 Aug 2018 20:45

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.3	16.5	49.5





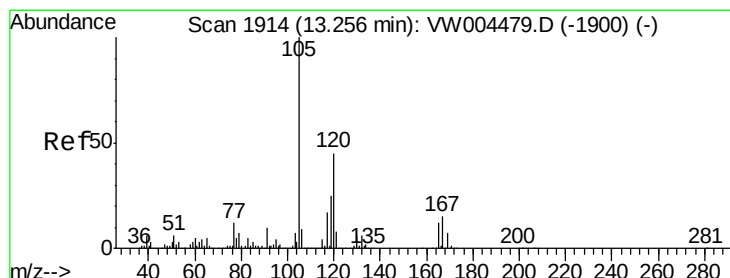
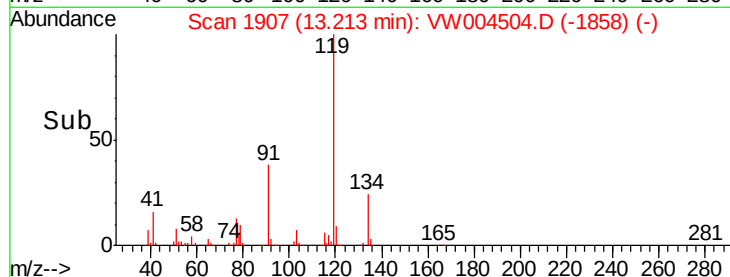
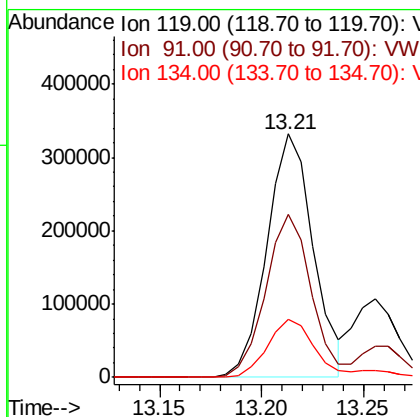
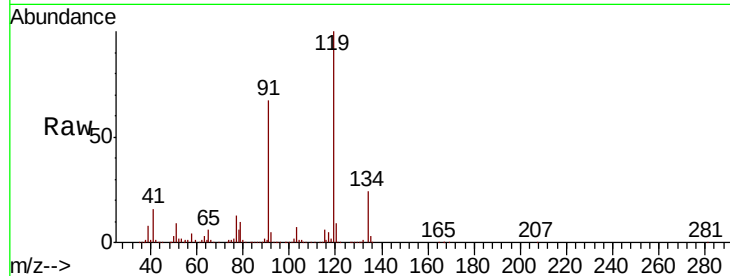
#83
 tert-Butylbenzene
 Concen: 18.95 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW004504.D
 Acq: 07 Aug 2018 20:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.1	33.3	99.8
134	23.9	12.2	36.6

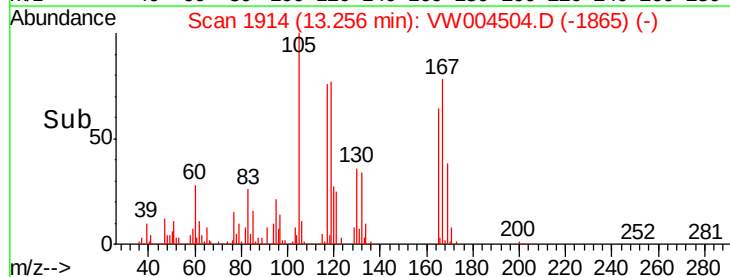
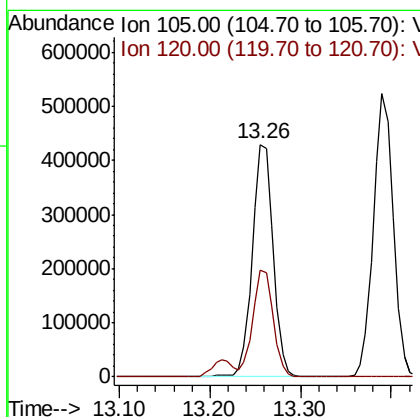
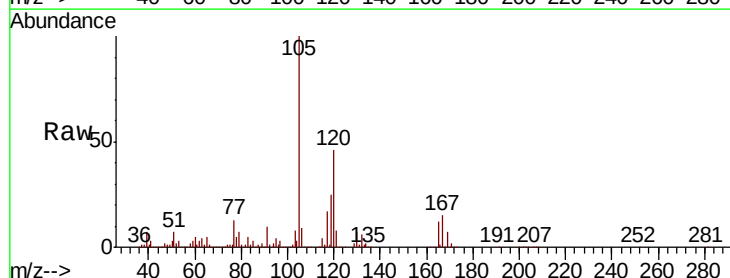
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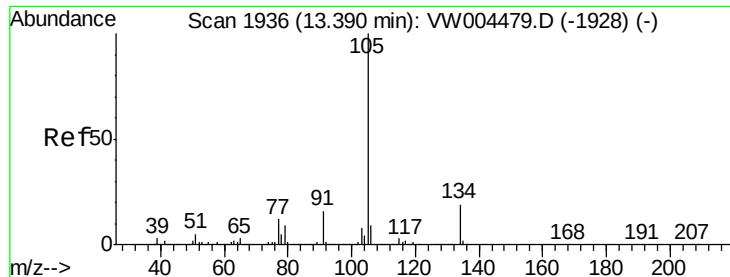
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.92 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW004504.D
 Acq: 07 Aug 2018 20:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.6	67.8





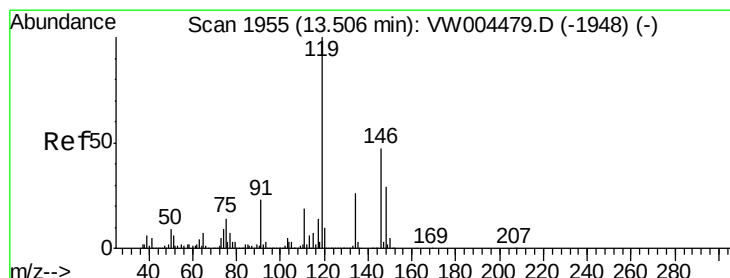
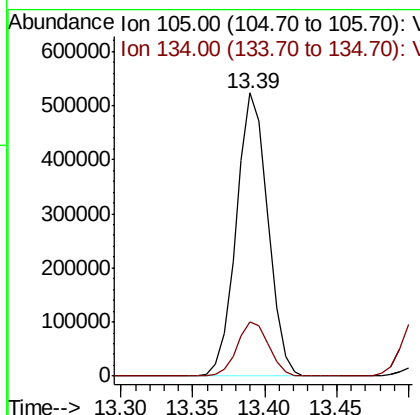
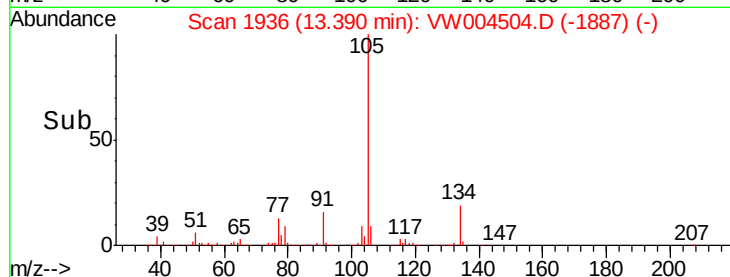
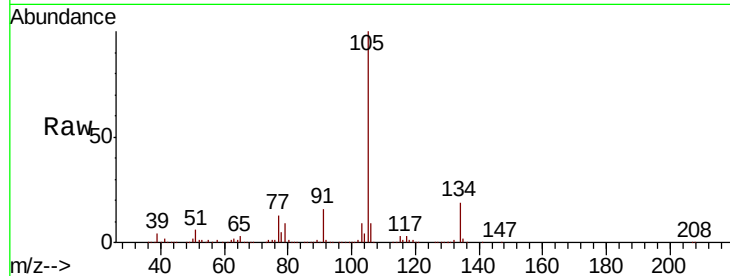
#85
 sec-Butylbenzene
 Concen: 18.97 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004504.D
 Acq: 07 Aug 2018 20:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	796052		
134	19.2		9.8	29.5

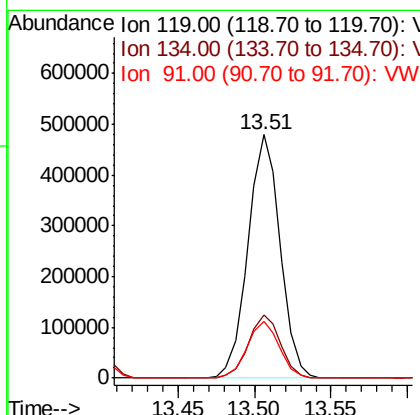
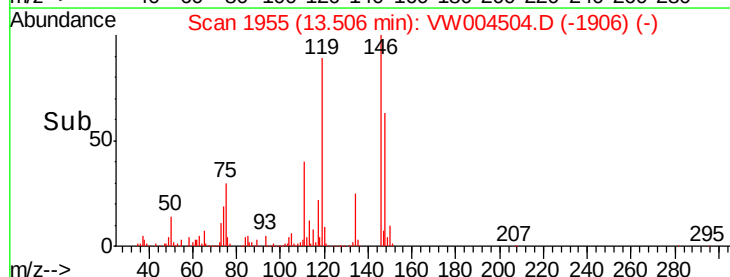
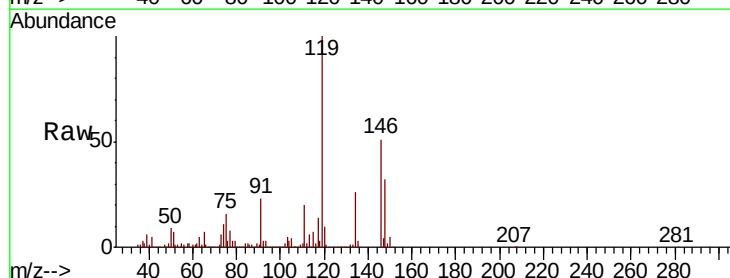
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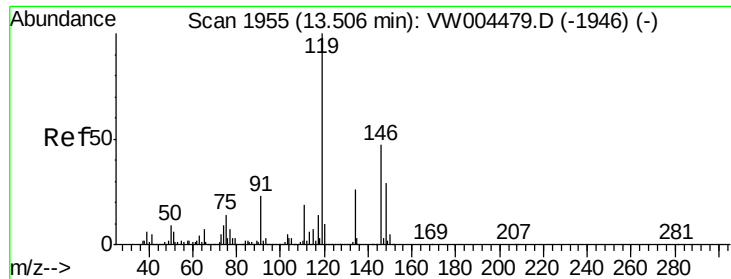
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#86
 p-Isopropyltoluene
 Concen: 19.19 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004504.D
 Acq: 07 Aug 2018 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	697880		
134	25.9		13.1	39.1
91	23.3		11.4	34.1





#87

1,3-Dichlorobenzene

Concen: 19.58 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW004504.D

Acq: 07 Aug 2018 20:45

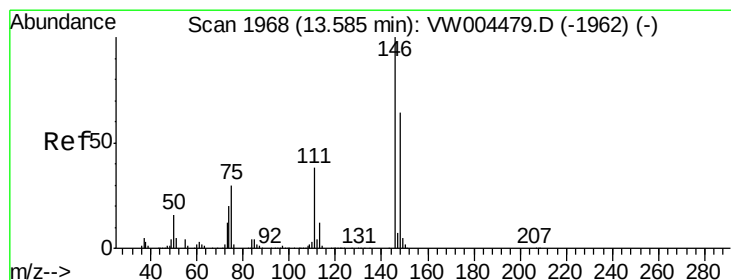
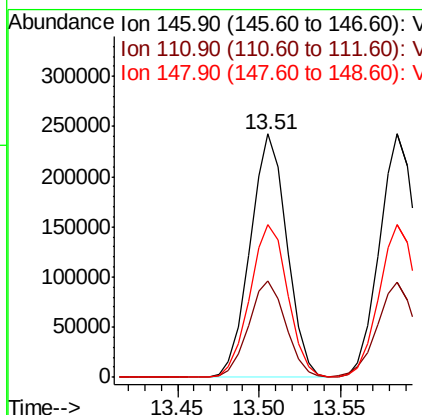
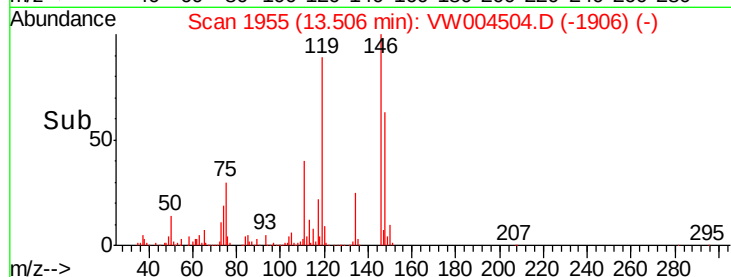
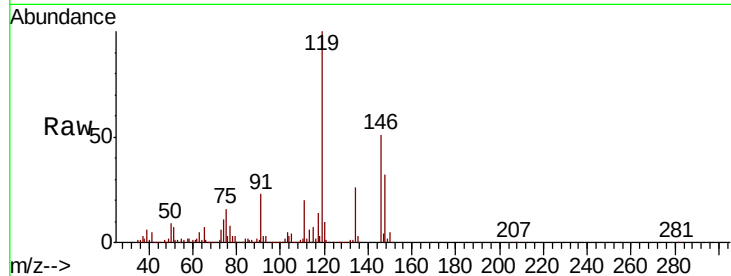
Instrument :
MSVOA_W

ClientSampleId :
VW0808SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	59.9
148	64.7	31.7	95.1

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#88

1,4-Dichlorobenzene

Concen: 19.84 ug/l

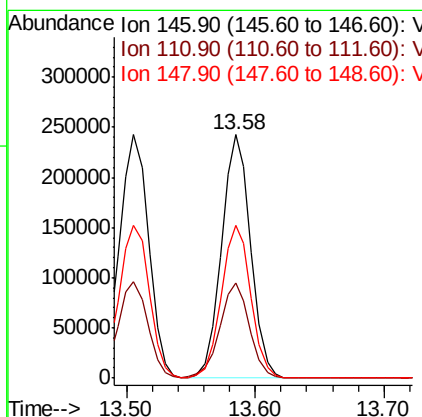
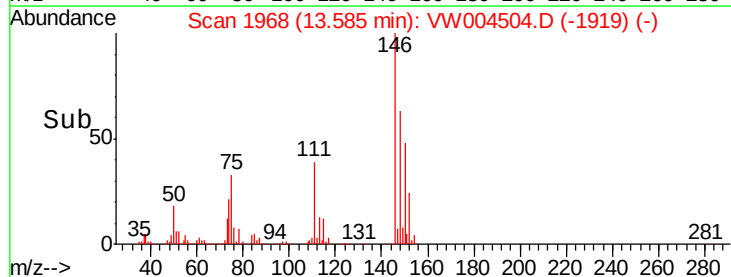
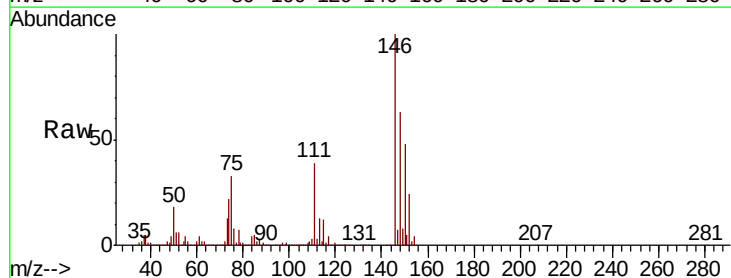
RT: 13.58 min Scan# 1968

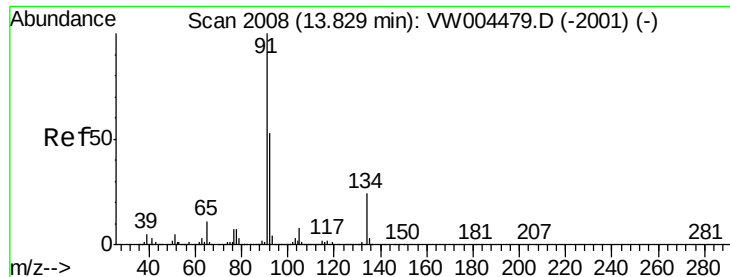
Delta R.T. 0.00 min

Lab File: VW004504.D

Acq: 07 Aug 2018 20:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.6	58.8
148	63.8	31.9	95.5





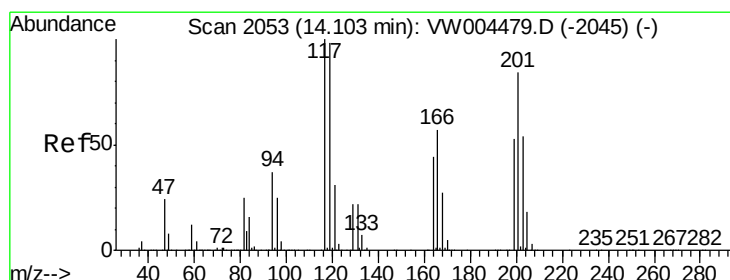
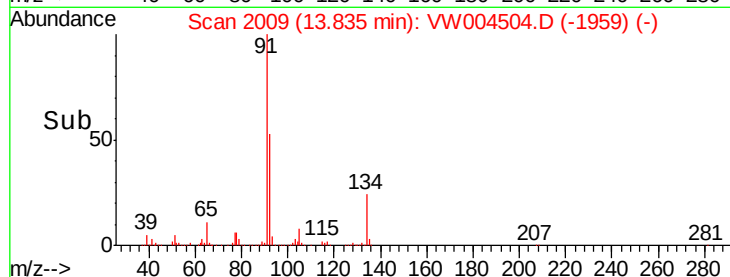
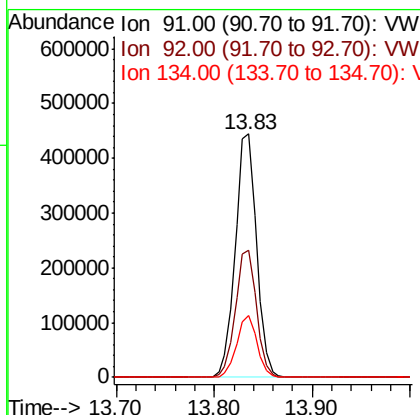
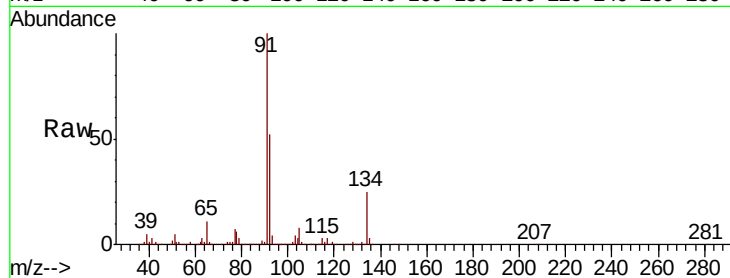
#89
n-Butylbenzene
Concen: 18.72 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.01 min
Lab File: VW004504.D
Acq: 07 Aug 2018 20:45

Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.4	79.0
134	24.5	12.4	37.2

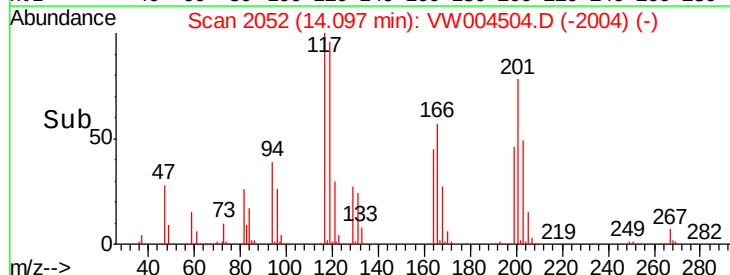
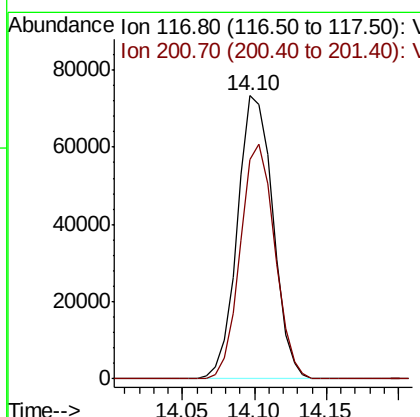
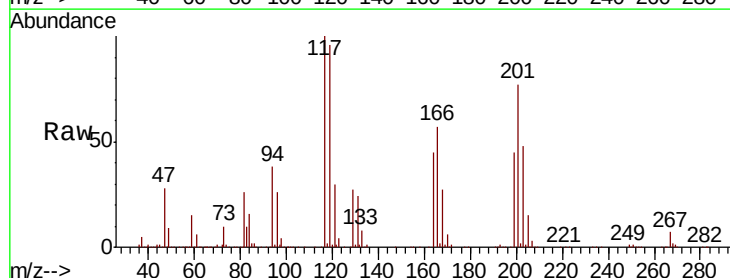
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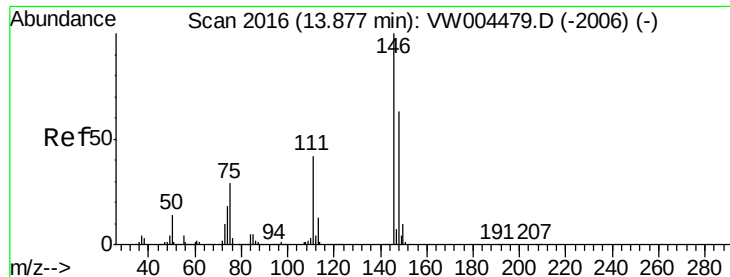
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#90
Hexachloroethane
Concen: 18.68 ug/l
RT: 14.10 min Scan# 2052
Delta R.T. -0.01 min
Lab File: VW004504.D
Acq: 07 Aug 2018 20:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.6	40.1	120.3





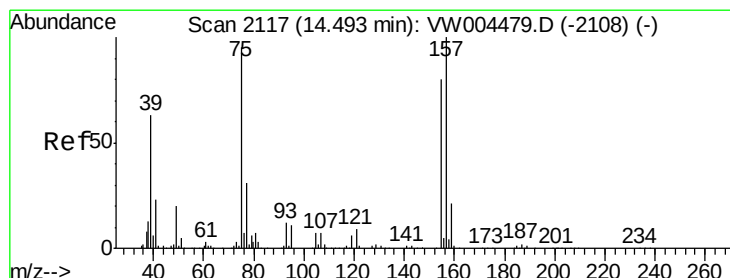
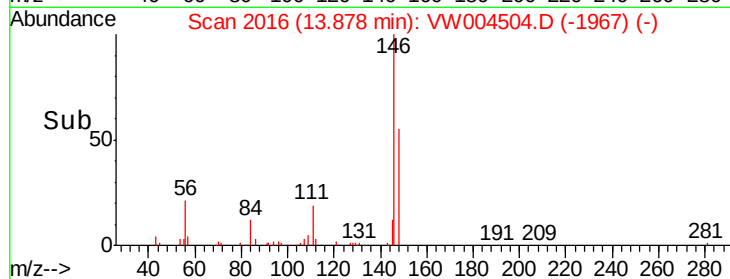
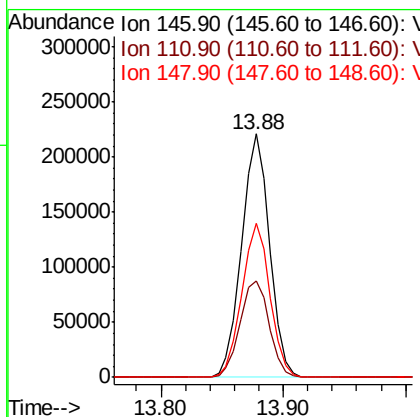
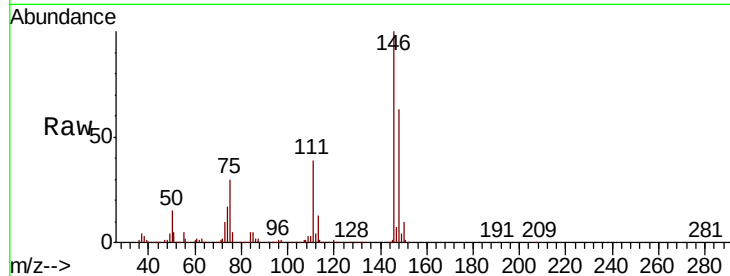
#91
 1,2-Dichlorobenzene
 Concen: 19.87 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW004504.D
 Acq: 07 Aug 2018 20:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

Tot Ion:	146	Resp:	349384
Ion Ratio	Lower	Upper	
146	100		
111	41.3	20.8	62.2
148	63.4	31.8	95.4

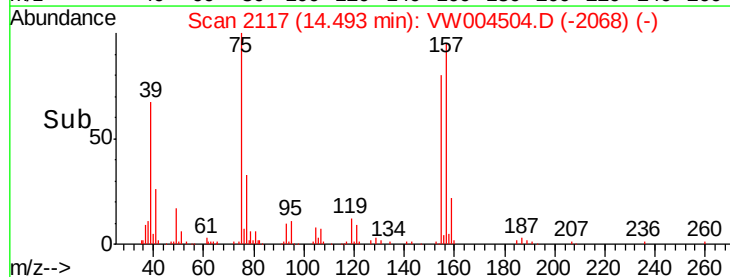
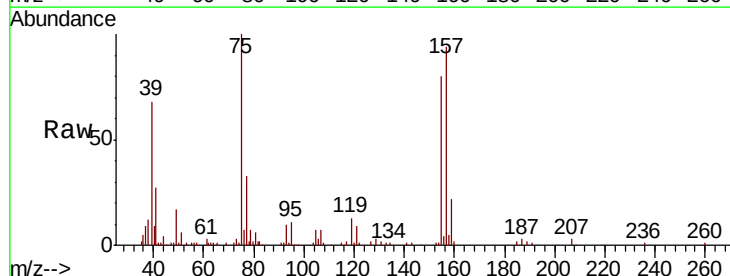
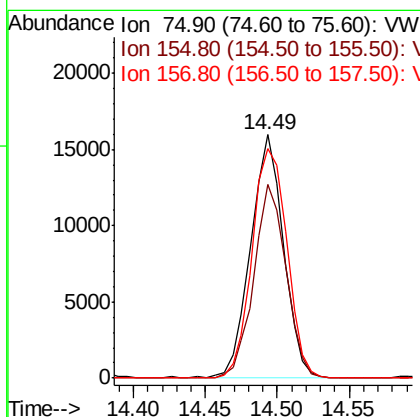
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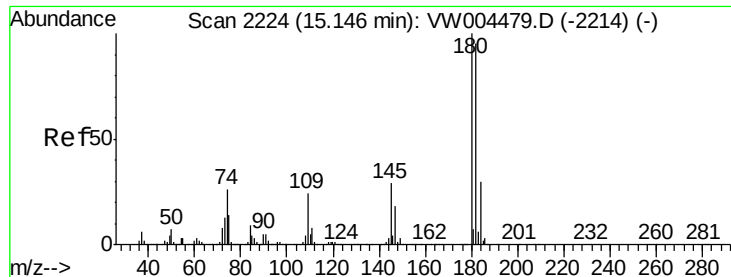
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.98 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW004504.D
 Acq: 07 Aug 2018 20:45

Tgt Ion:	75	Resp:	25164
Ion Ratio	Lower	Upper	
75	100		
155	78.1	41.3	123.7
157	100.1	52.6	157.8





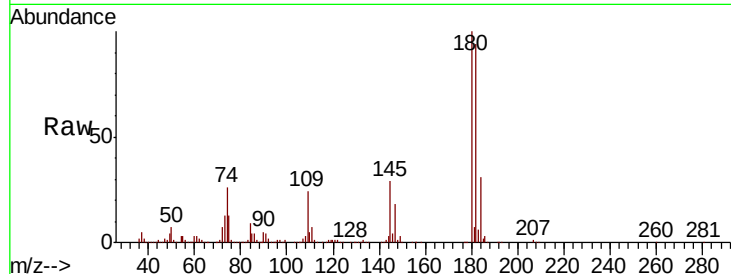
#93
 1,2,4-Trichlorobenzene
 Concen: 19.60 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW004504.D
 Acq: 07 Aug 2018 20:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

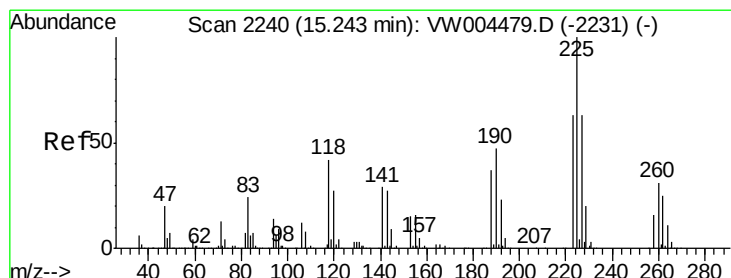
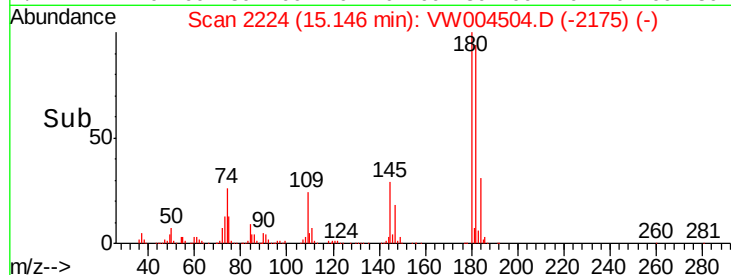
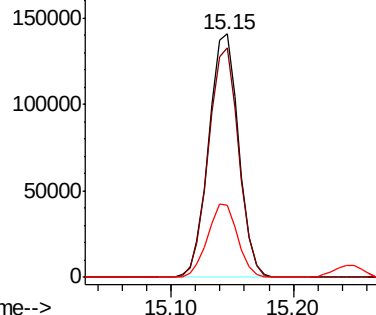
Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.7	47.9	143.6	
145	30.1	14.9	44.9	

Manual Integrations
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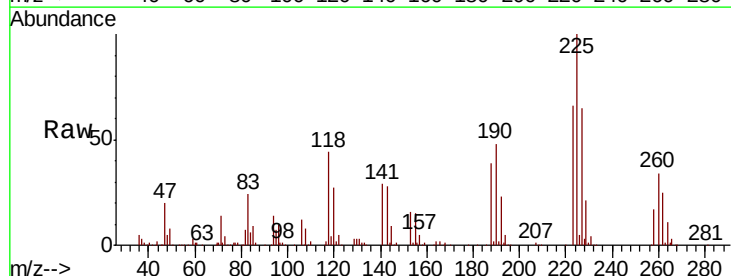


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

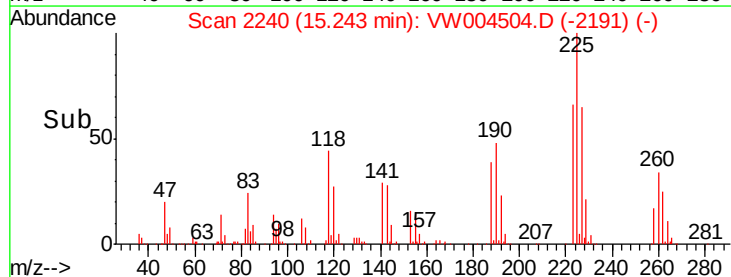
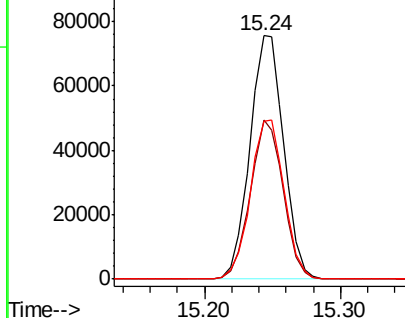


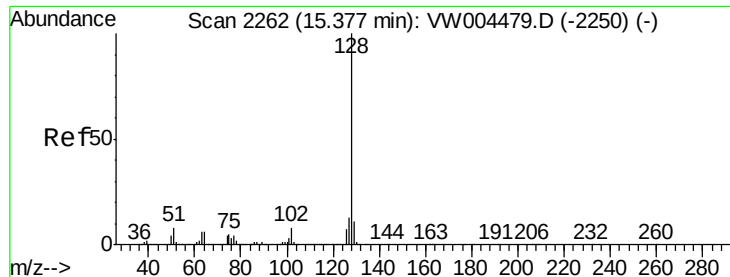
#94
 Hexachlorobutadiene
 Concen: 18.58 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: VW004504.D
 Acq: 07 Aug 2018 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.5	31.3	93.8	
227	65.2	31.8	95.4	



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





#95

Naphthalene

Concen: 19.09 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004504.D

Acq: 07 Aug 2018 20:45

Instrument :

MSVOA_W

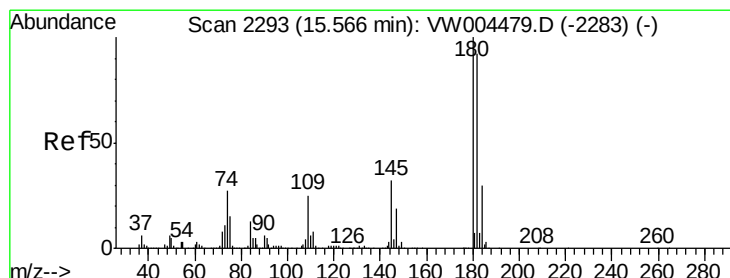
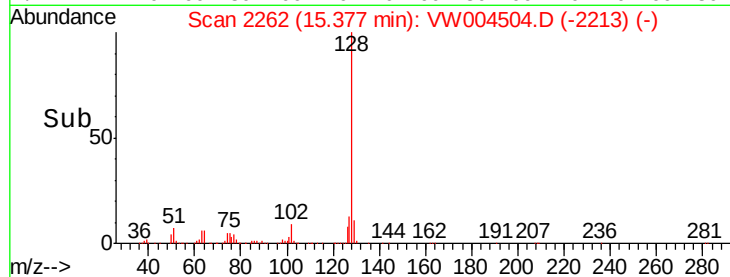
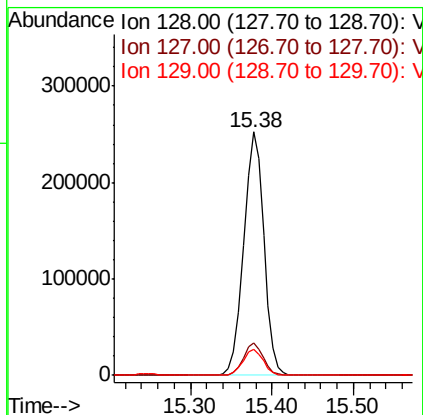
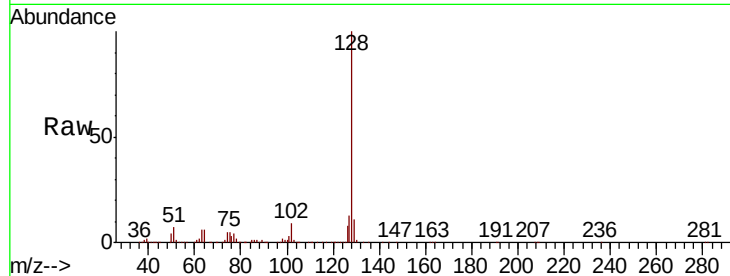
ClientSampleId :

VW0808SBS01

Tot Ion:	128	Resp:	431588
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.3	15.5
129	10.9	8.6	13.0

Manual Integrations
APPROVED

apatel
8/8/2018 2:24:36 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.00 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VW004504.D

Acq: 07 Aug 2018 20:45

Tgt Ion:	180	Resp:	218706
Ion Ratio	Lower	Upper	
180	100		
182	95.0	47.0	141.2
145	31.9	15.9	47.6

