

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081018\
 Data File : VW004535.D
 Acq On : 08 Aug 2018 19:00
 Operator : SY/AP
 Sample : VW0810SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBS01

Manual Integrations
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 8/9/2018 10:23:10 AM

Quant Time: Aug 09 05:30:20 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	705788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1096469	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1029351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	553434	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	372198	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
35) Dibromofluoromethane	7.88	113	351289	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
50) Toluene-d8	10.33	98	1387326	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
62) 4-Bromofluorobenzene	12.62	95	498688	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	106993	22.09	ug/l	96
3) Chloromethane	2.22	50	128373	19.02	ug/l	100
4) Vinyl Chloride	2.37	62	193415	20.52	ug/l	96
5) Bromomethane	2.78	94	109917	20.03	ug/l	100
6) Chloroethane	2.93	64	111870	19.86	ug/l	99
7) Trichlorofluoromethane	3.25	101	70584	20.27	ug/l	99
8) Diethyl Ether	3.67	74	84244	19.13	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	158051	20.55	ug/l	99
10) Methyl Iodide	4.27	142	226133	19.60	ug/l	99
11) Tert butyl alcohol	5.21	59	38672	84.54	ug/l #	87
12) 1,1-Dichloroethene	4.04	96	153751	19.86	ug/l	97
13) Acrolein	3.89	56	52904	94.39	ug/l	98
14) Allyl chloride	4.66	41	228652	19.66	ug/l	98
15) Acrylonitrile	5.37	53	179257	91.59	ug/l	99
16) Acetone	4.14	43	194082	99.47	ug/l	99
17) Carbon Disulfide	4.38	76	500561	20.12	ug/l	98
18) Methyl Acetate	4.68	43	86146	17.71	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	193537	18.33	ug/l	99
20) Methylene Chloride	4.91	84	224656	17.88	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	162728	19.51	ug/l	97
22) Diisopropyl ether	6.31	45	476695	19.95	ug/l	99
23) Vinyl Acetate	6.26	43	1341373	93.40	ug/l	99
24) 1,1-Dichloroethane	6.21	63	302456	19.77	ug/l	100
25) 2-Butanone	7.18	43	288476	91.91	ug/l	100
26) 2,2-Dichloropropane	7.17	77	161881	20.16	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	173258	19.31	ug/l	97
28) Bromochloromethane	7.51	49	132307	19.88	ug/l	99
29) Tetrahydrofuran	7.54	42	143951	88.72	ug/l	100
30) Chloroform	7.68	83	293527	19.54	ug/l	99
31) Cyclohexane	7.96	56	288448	19.71	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	222238	19.69	ug/l	98
36) 1,1-Dichloropropene	8.08	75	238066	20.17	ug/l	100
37) Ethyl Acetate	7.26	43	103662	18.75	ug/l	99
38) Carbon Tetrachloride	8.07	117	212087	19.96	ug/l	100

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Quant Time: Aug 09 05:30:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	277788	19.20	ug/l	98
40) Benzene	8.32	78	690647	19.92	ug/l	99
41) Methacrylonitrile	7.49	41	54505	17.65	ug/l	95
42) 1,2-Dichloroethane	8.40	62	186308	19.42	ug/l	100
43) Isopropyl Acetate	8.43	43	172417	17.89	ug/l	98
44) Trichloroethene	9.09	130	167132	19.62	ug/l	96
45) 1,2-Dichloropropane	9.37	63	172255	19.84	ug/l	100
46) Dibromomethane	9.46	93	85373	19.32	ug/l	99
47) Bromodichloromethane	9.65	83	202793	19.44	ug/l	95
48) Methyl methacrylate	9.44	41	81480	18.09	ug/l	99
49) 1,4-Dioxane	9.46	88	25088	372.06	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	610929	91.06	ug/l	98
52) Toluene	10.39	92	414041	20.25	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	194031	18.52	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	235788	19.31	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	121208	19.13	ug/l	100
56) Ethyl methacrylate	10.65	69	135529	17.87	ug/l	99
57) 1,3-Dichloropropane	10.93	76	211106	19.33	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	353439	93.55	ug/l	99
59) 2-Hexanone	10.98	43	414265	91.07	ug/l	97
60) Dibromochloromethane	11.13	129	130062	18.88	ug/l	99
61) 1,2-Dibromoethane	11.24	107	111935	18.81	ug/l	99
64) Tetrachloroethene	10.87	164	140872	19.62	ug/l	98
65) Chlorobenzene	11.66	112	447716	19.74	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	150030	19.43	ug/l	99
67) Ethyl Benzene	11.74	91	760713	19.78	ug/l	97
68) m/p-Xylenes	11.85	106	606136	40.78	ug/l	98
69) o-Xylene	12.17	106	272438	19.77	ug/l	100
70) Styrene	12.19	104	464615	19.95	ug/l	100
71) Bromoform	12.35	173	79497	18.72	ug/l #	98
73) Isopropylbenzene	12.47	105	752754	19.66	ug/l	100
74) N-amyl acetate	12.28	43	167194	18.01	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	152077	19.03	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	100514m	17.55	ug/l	
77) Bromobenzene	12.75	156	181618	19.61	ug/l	98
78) n-propylbenzene	12.81	91	955248	20.22	ug/l	100
79) 2-Chlorotoluene	12.90	91	547552	20.03	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	658413	20.16	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	43457	18.17	ug/l	95
82) 4-Chlorotoluene	12.99	91	587379	20.25	ug/l	99
83) tert-Butylbenzene	13.21	119	540221	19.72	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	681439	20.16	ug/l	100
85) sec-Butylbenzene	13.39	105	825797	19.98	ug/l	100
86) p-Isopropyltoluene	13.51	119	716255	20.00	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	377134	19.76	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	373086	19.64	ug/l	99
89) n-Butylbenzene	13.83	91	699895	19.89	ug/l	99
90) Hexachloroethane	14.10	117	126866	19.15	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	337769	19.51	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	23930	18.33	ug/l	94

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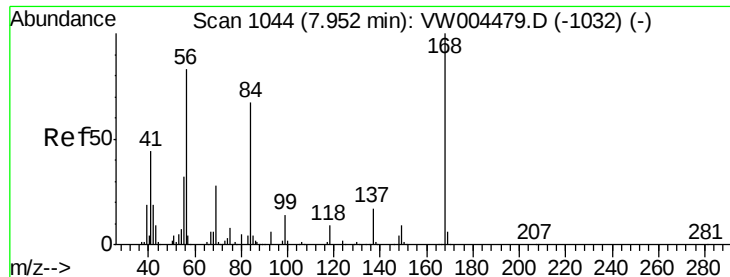
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	233065	19.44	ug/l	100
94) Hexachlorobutadiene	15.25	225	140622	20.15	ug/l	99
95) Naphthalene	15.38	128	406437	18.39	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	209758	19.47	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: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

ClientSampled :

VW0810SBS01

Tot Ion:168 Resp: 705788

Ion Ratio Lower Upper

168 100

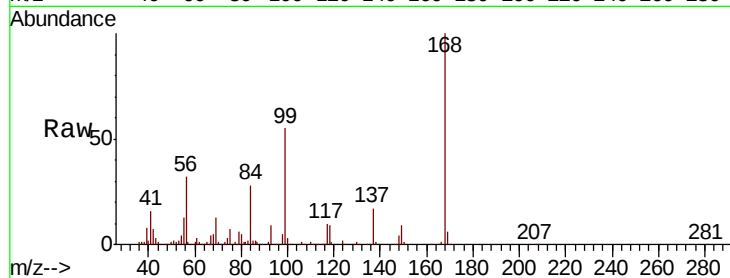
99 54.7 44.1 66.1

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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

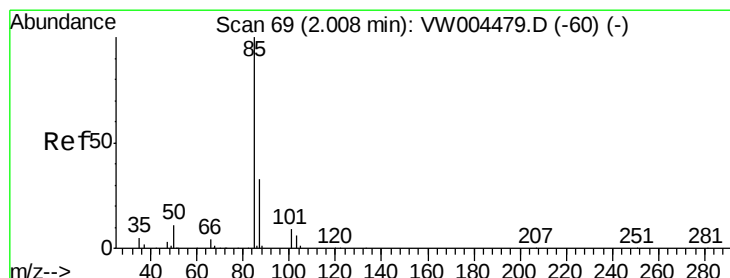
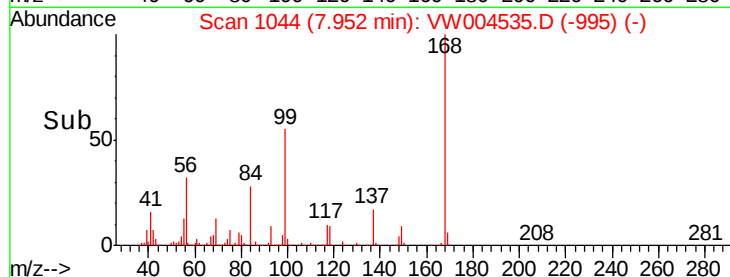
200000

100000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 22.09 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VW004535.D

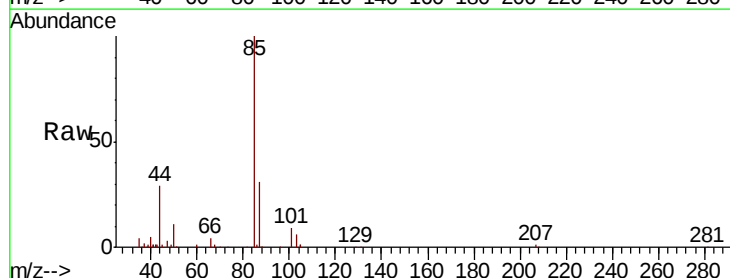
Acq: 08 Aug 2018 19:00

Tgt Ion: 85 Resp: 106993

Ion Ratio Lower Upper

85 100

87 30.9 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

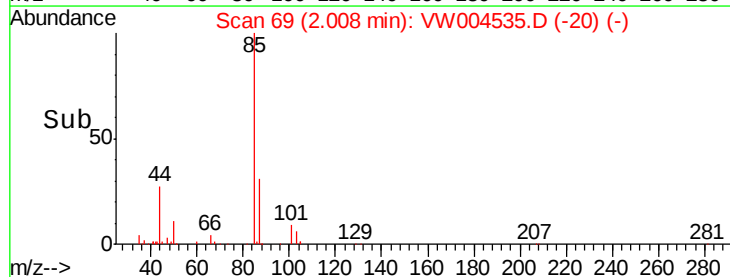
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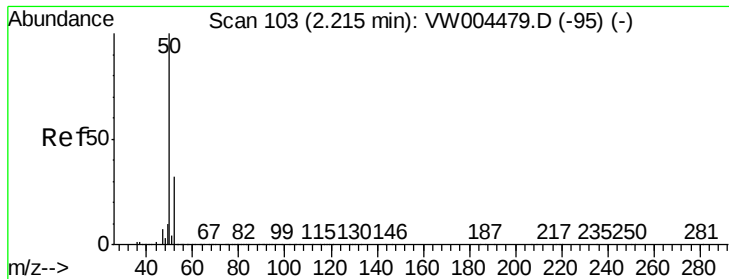
10000

0

2.00 2.20

Time-->





#3

Chloromethane

Concen: 19.02 ug/l

RT: 2.22 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBS01

Tot Ion: 50 Resp: 128373

Ion Ratio Lower Upper

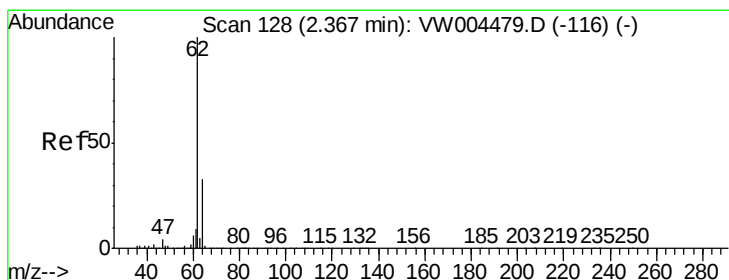
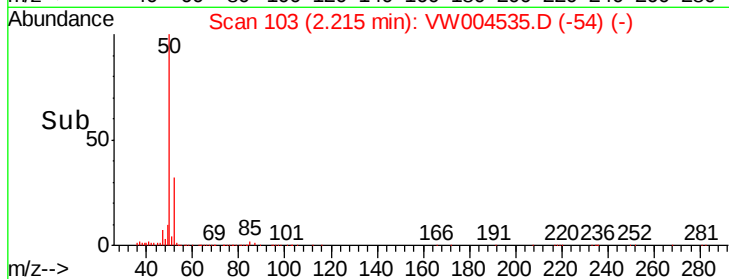
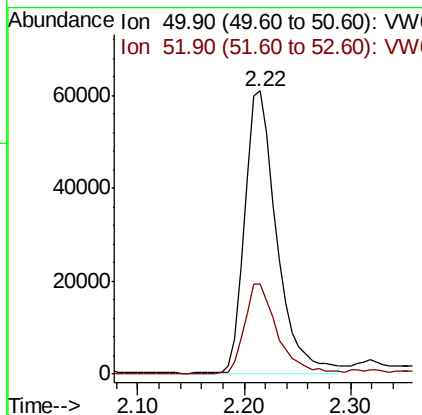
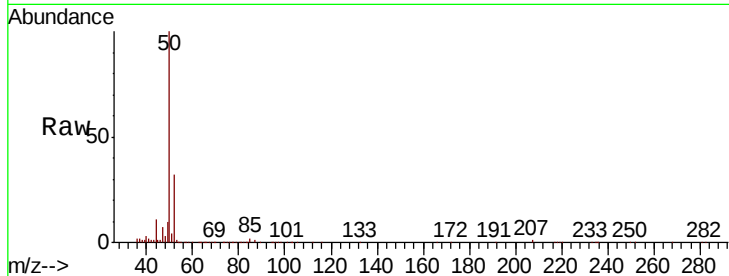
50 100

52 32.2 25.8 38.8

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#4

Vinyl Chloride

Concen: 20.52 ug/l

RT: 2.37 min Scan# 128

Delta R.T. 0.00 min

Lab File: VW004535.D

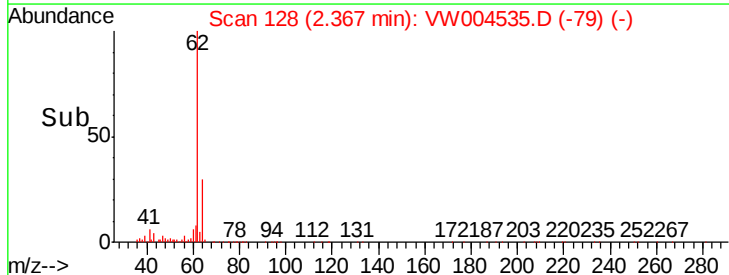
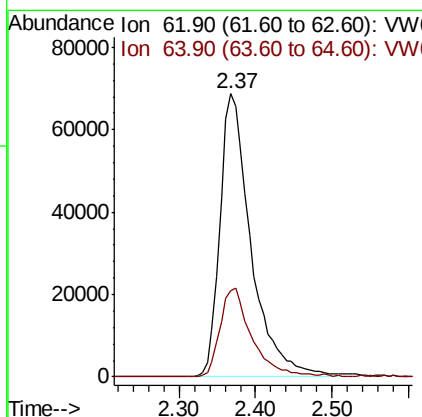
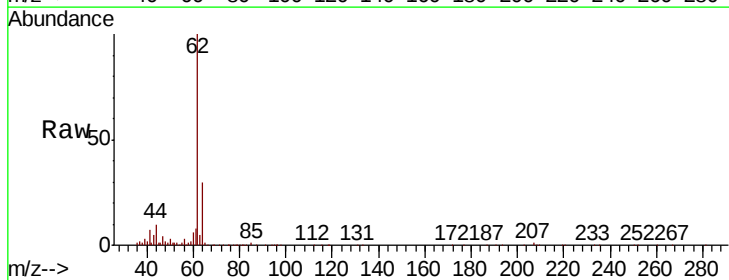
Acq: 08 Aug 2018 19:00

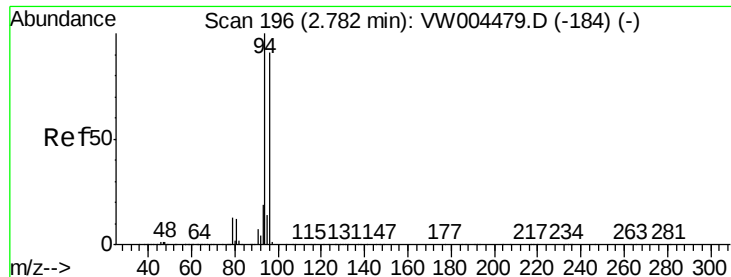
Tgt Ion: 62 Resp: 193415

Ion Ratio Lower Upper

62 100

64 30.3 26.2 39.2





#5

Bromomethane

Concen: 20.03 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.01 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBS01

Tot Ion: 94 Resp: 109917

Ion Ratio Lower Upper

94 100

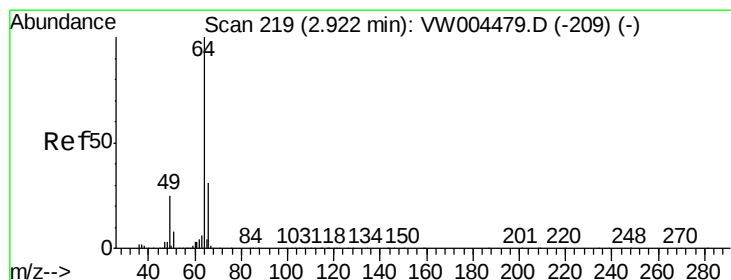
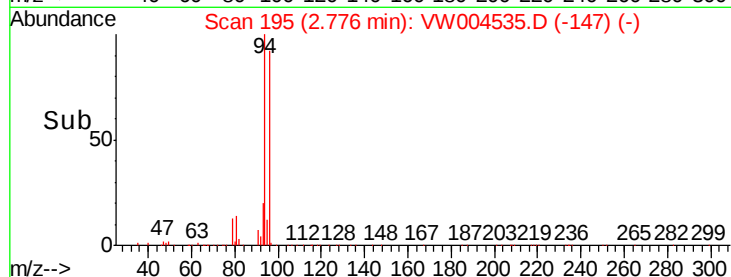
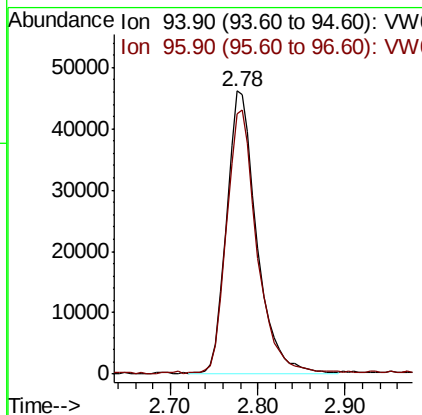
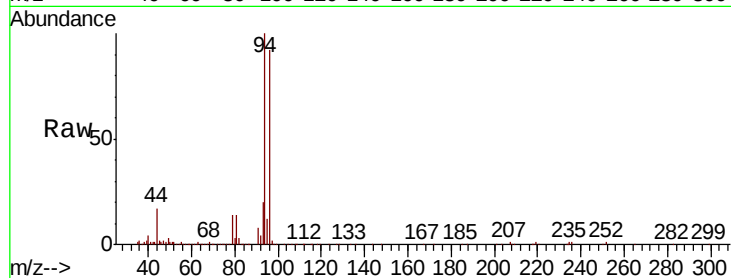
96 91.4 72.9 109.3

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#6

Chloroethane

Concen: 19.86 ug/l

RT: 2.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VW004535.D

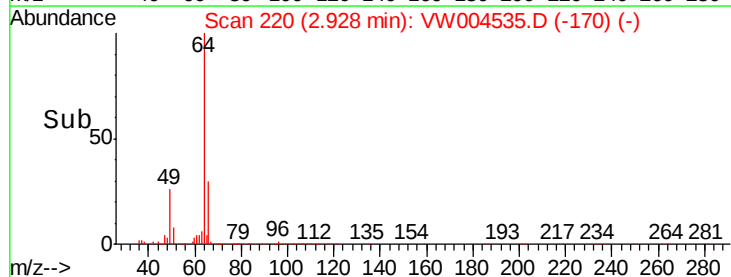
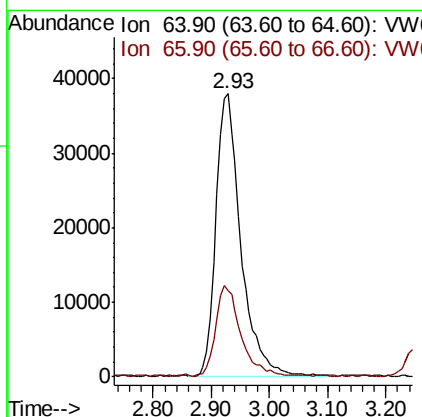
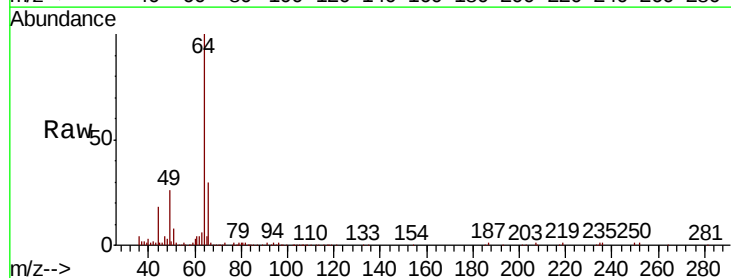
Acq: 08 Aug 2018 19:00

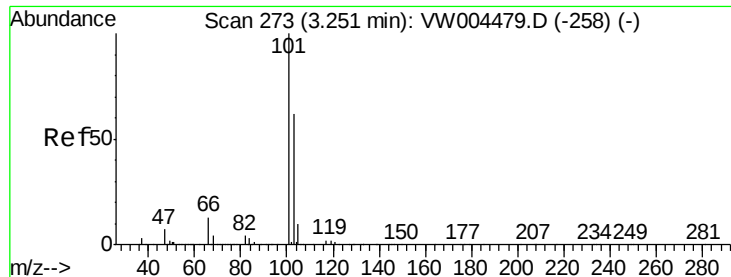
Tgt Ion: 64 Resp: 111870

Ion Ratio Lower Upper

64 100

66 30.2 24.6 36.8





#7

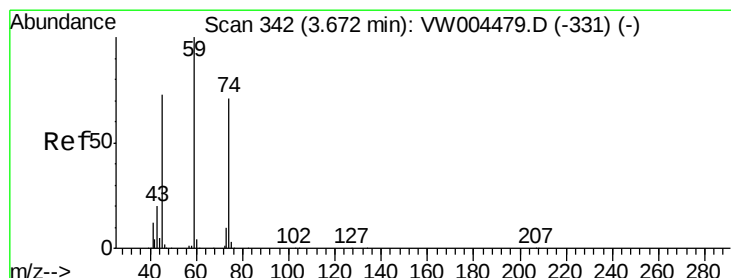
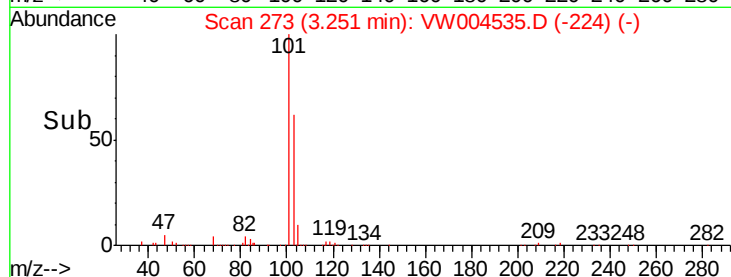
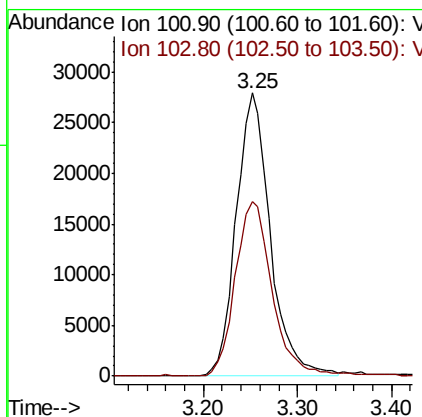
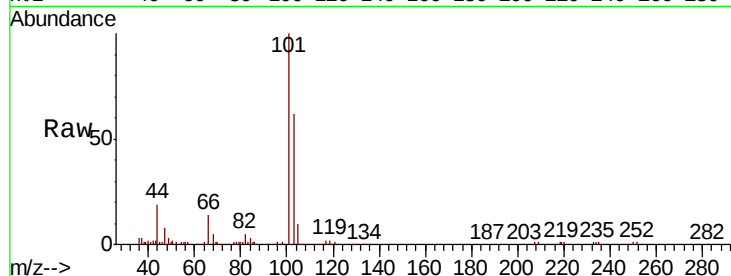
Trichlorofluoromethane
Concen: 20.27 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

Instrument :
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ClientSampleId :
VW0810SBS01

Tot Ion	Ion	Ratio	Lower	Upper
101	100			
103	61.7	49.8	74.8	

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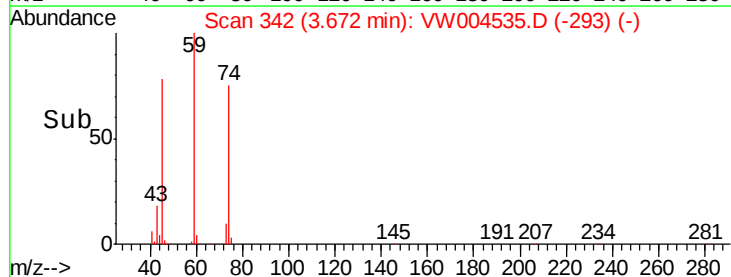
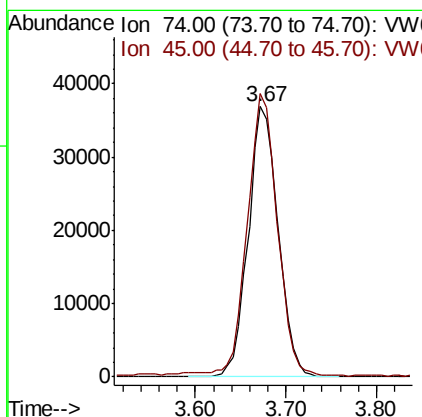
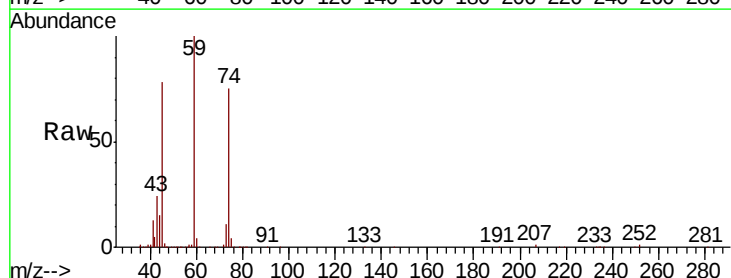
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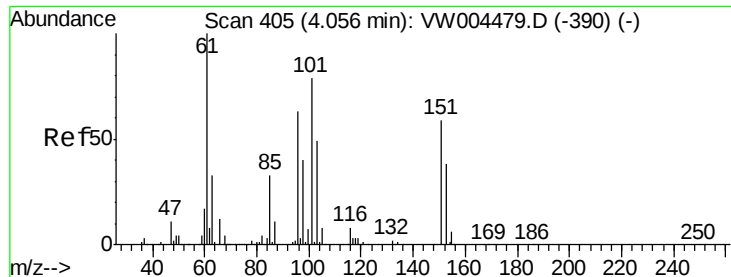


#8

Diethyl Ether
Concen: 19.13 ug/l
RT: 3.67 min Scan# 342
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

Tgt Ion	Ion	Ratio	Lower	Upper
74	100			
45	104.5	51.2	153.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.55 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

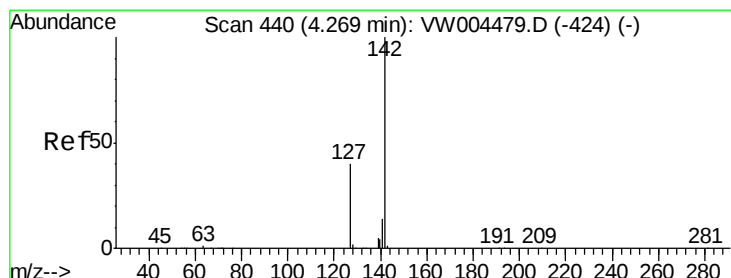
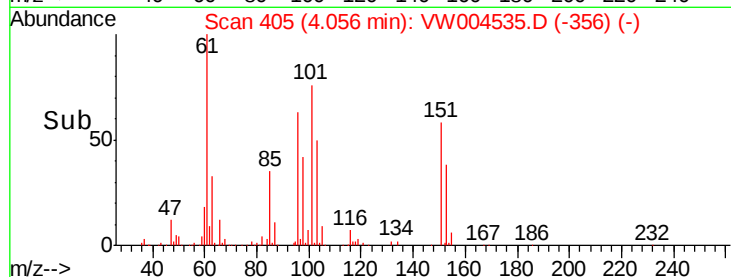
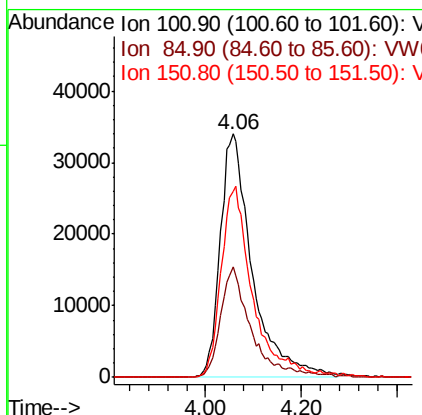
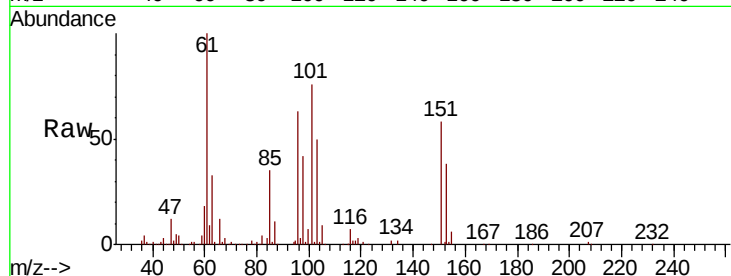
ClientSampled :

VW0810SBS01

Tot Ion:	101	Resp:	158051
Ion Ratio	Lower	Upper	
101	100		
85	43.2	34.6	51.8
151	75.9	61.3	91.9

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#10

Methyl Iodide

Concen: 19.60 ug/l

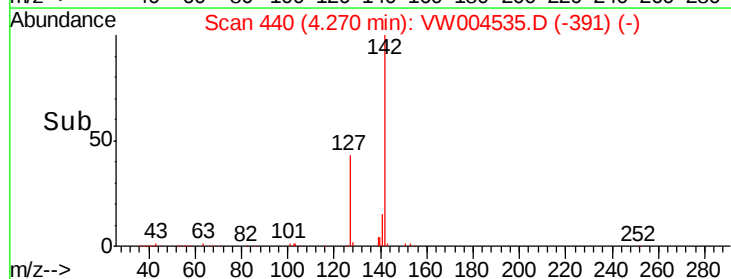
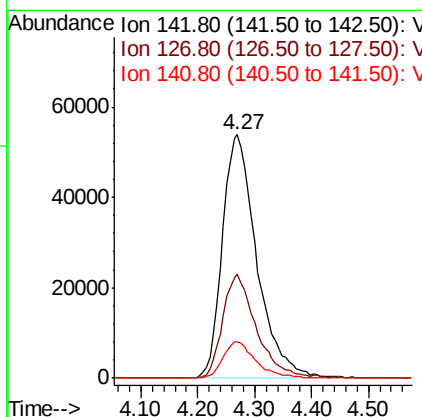
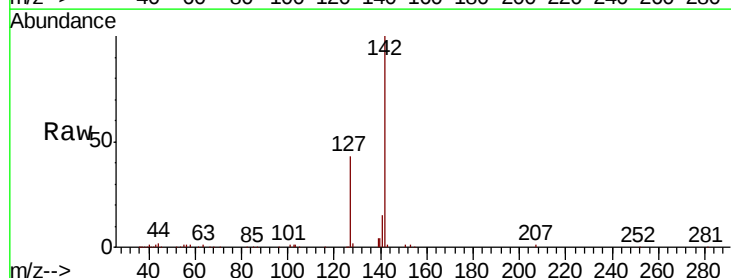
RT: 4.27 min Scan# 440

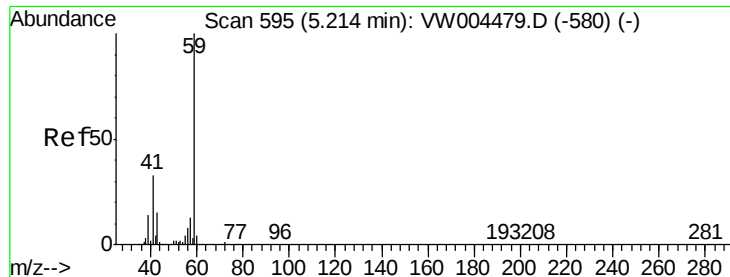
Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Tgt Ion:	142	Resp:	226133
Ion Ratio	Lower	Upper	
142	100		
127	41.9	32.7	49.1
141	14.3	11.5	17.3





#11

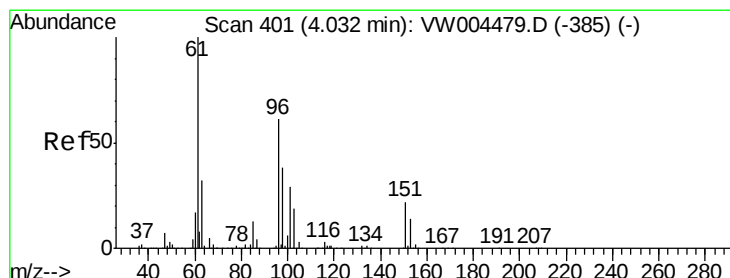
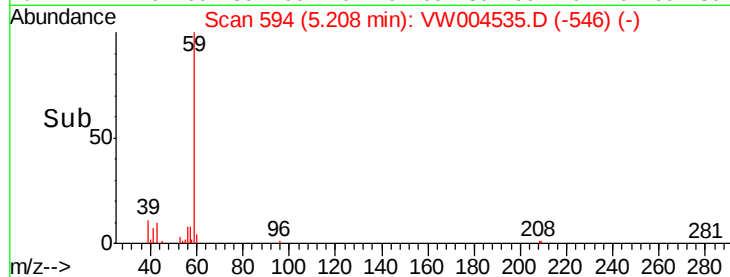
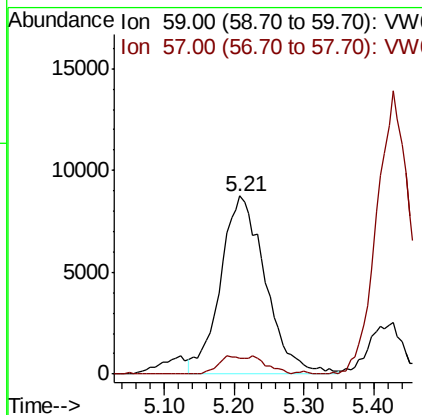
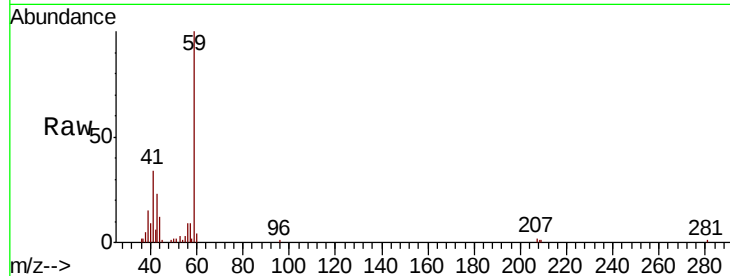
Tert butyl alcohol
 Concen: 84.54 ug/l
 RT: 5.21 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.5	9.1	13.7#

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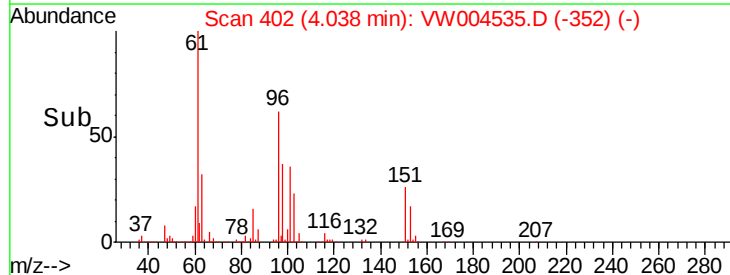
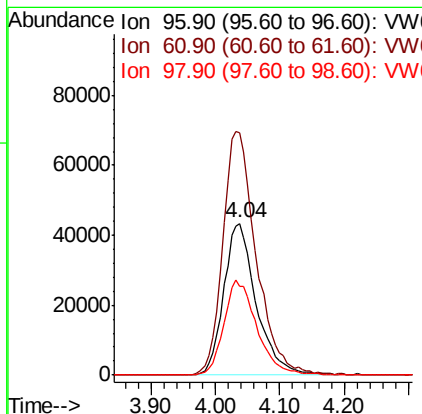
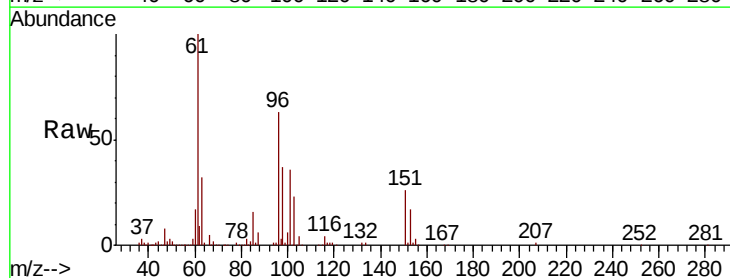
apatel
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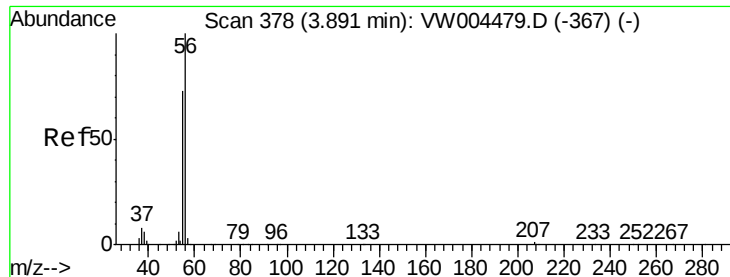


#12

1,1-Dichloroethene
 Concen: 19.86 ug/l
 RT: 4.04 min Scan# 402
 Delta R.T. 0.01 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.7	130.6	195.8
98	58.7	49.6	74.4





#13

Acrolein

Concen: 94.39 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBS01

Tot Ion: 56 Resp: 52904

Ion Ratio Lower Upper

56 100

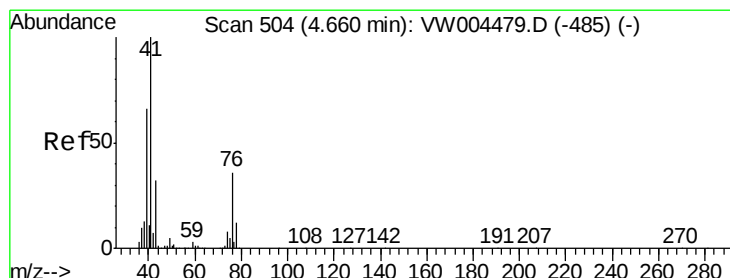
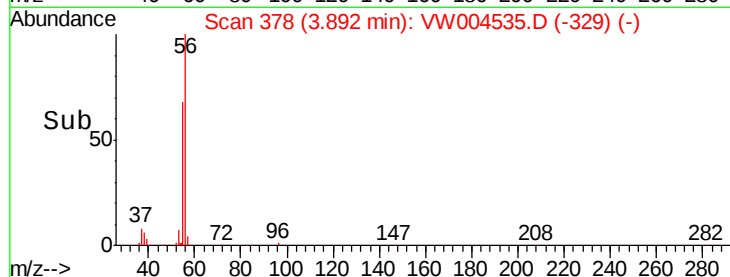
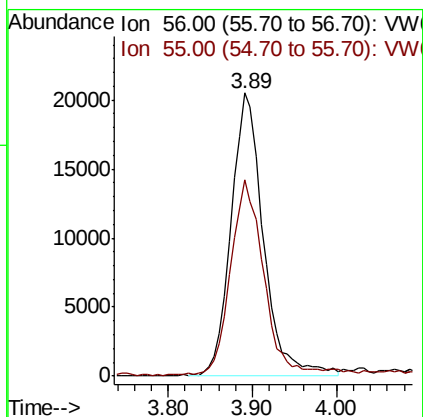
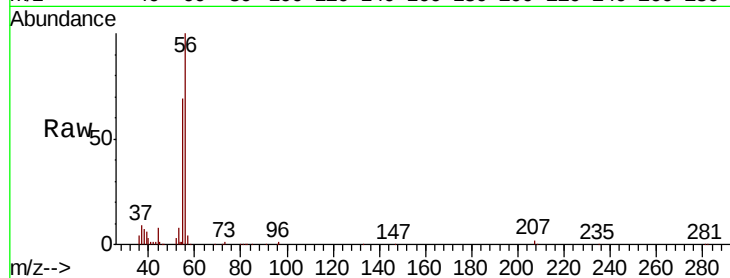
55 72.5 56.7 85.1

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#14

Allyl chloride

Concen: 19.66 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

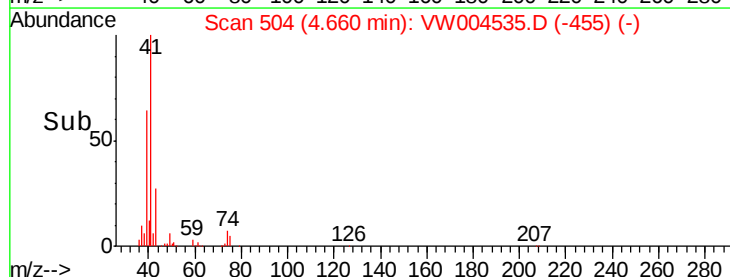
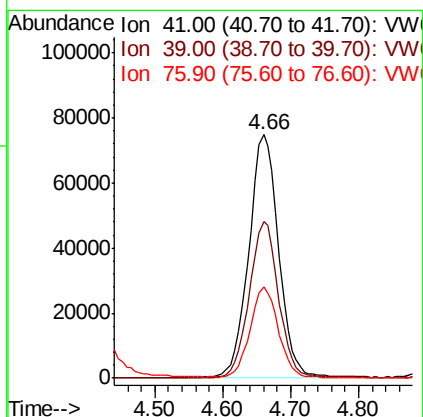
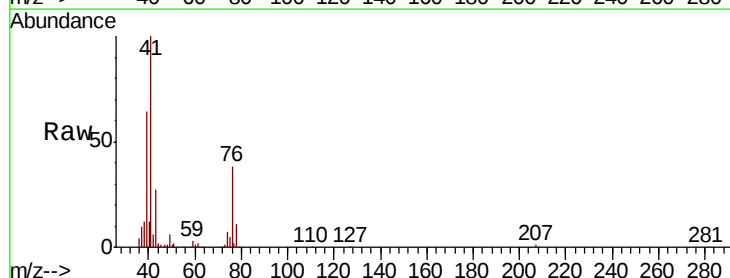
Tgt Ion: 41 Resp: 228652

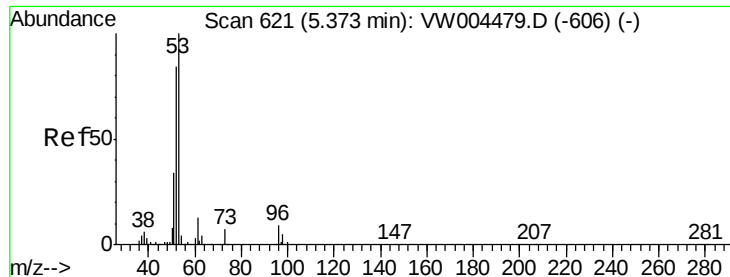
Ion Ratio Lower Upper

41 100

39 63.4 51.9 77.9

76 35.8 29.0 43.6





#15

Acrylonitrile

Concen: 91.59 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

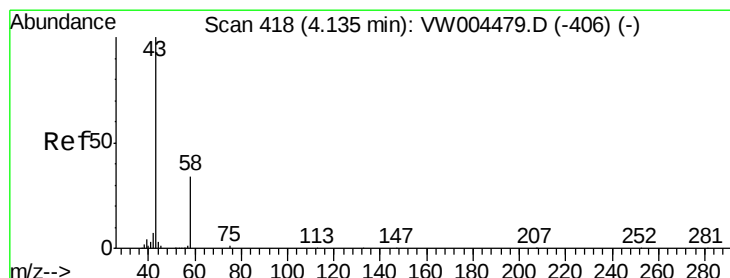
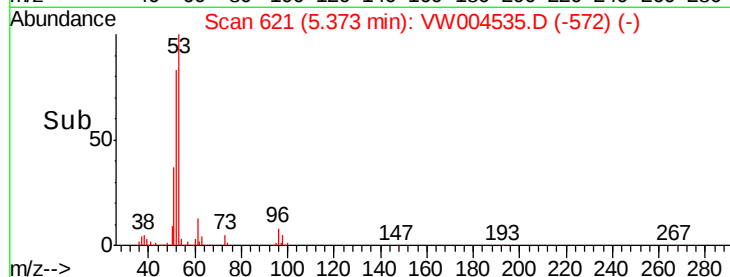
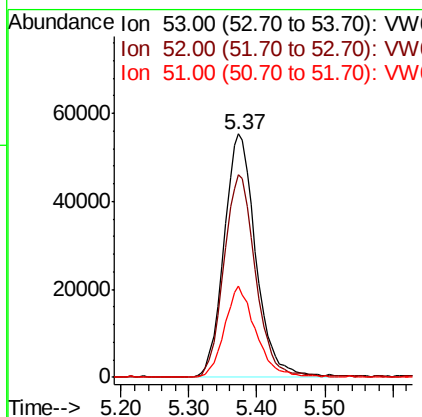
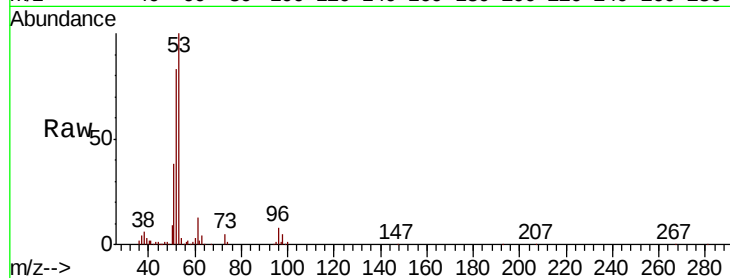
ClientSampled :

VW0810SBS01

Tot Ion	53	Resp	179257
Ion Ratio	Lower	Upper	
53	100		
52	83.1	66.5	99.7
51	37.1	28.4	42.6

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#16

Acetone

Concen: 99.47 ug/l

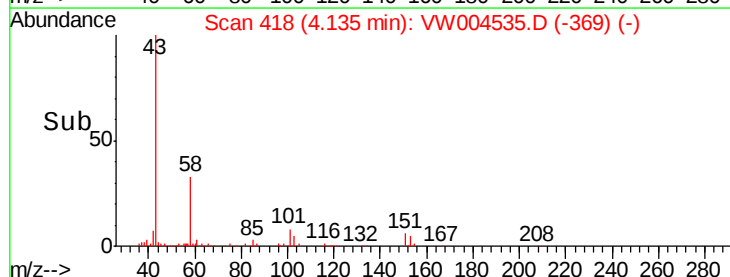
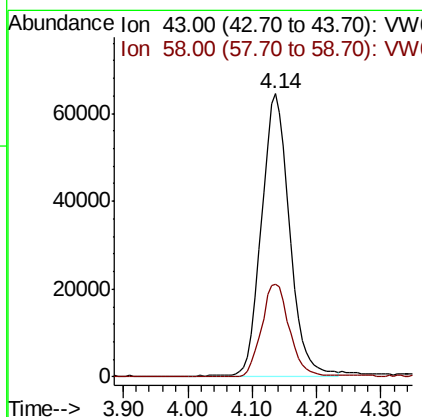
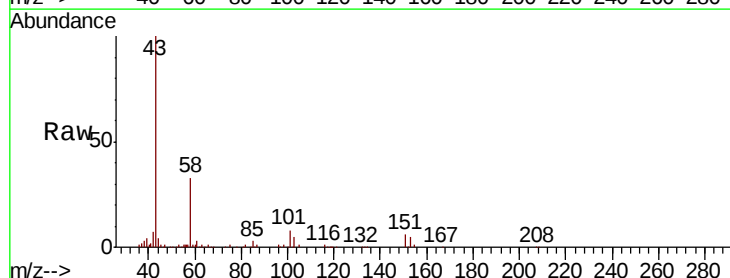
RT: 4.14 min Scan# 418

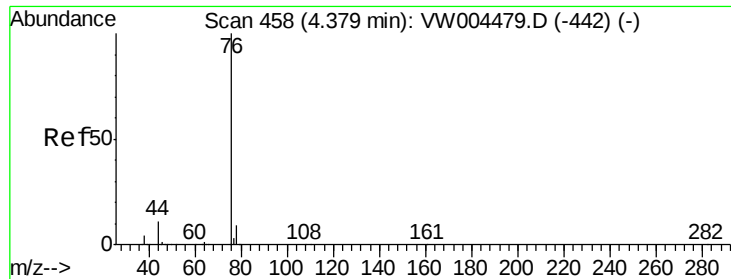
Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Tgt Ion	43	Resp	194082
Ion Ratio	Lower	Upper	
43	100		
58	33.0	26.8	40.2





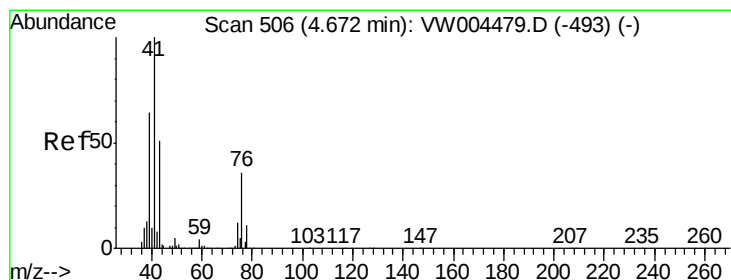
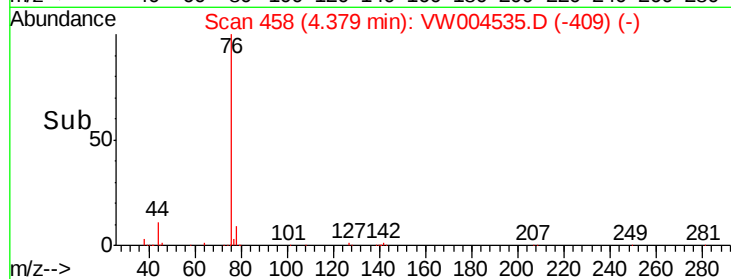
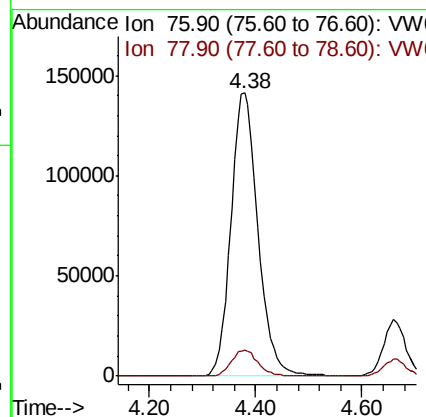
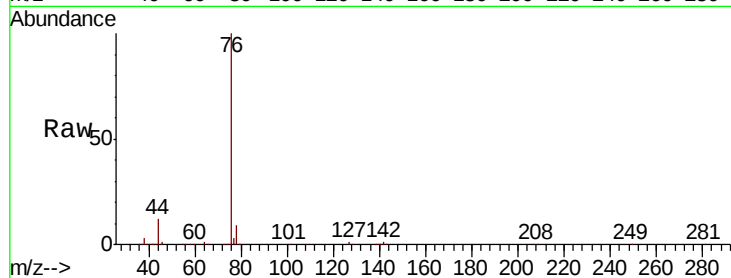
#17
Carbon Disulfide
Concen: 20.12 ug/l
RT: 4.38 min Scan# 458
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

Instrument :
MSVOA_W
ClientSampleId :
VW0810SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.0	10.4

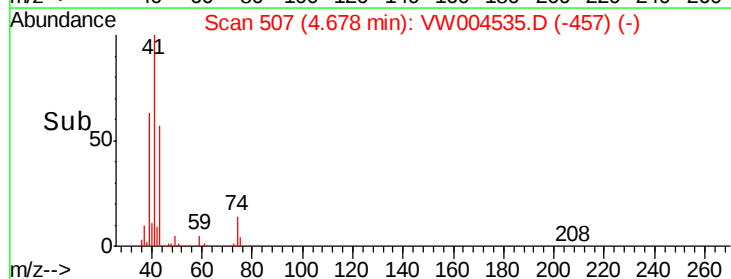
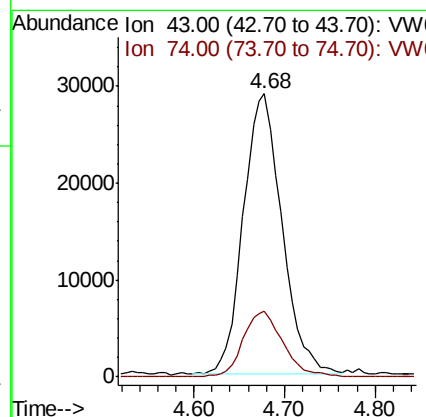
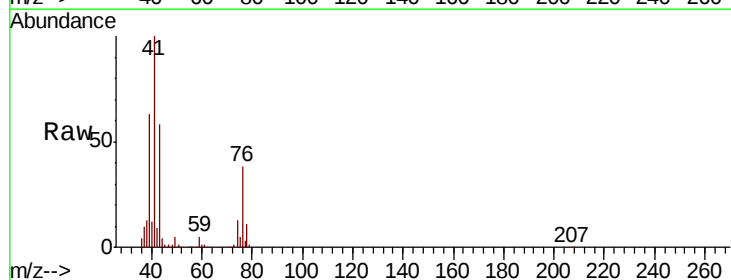
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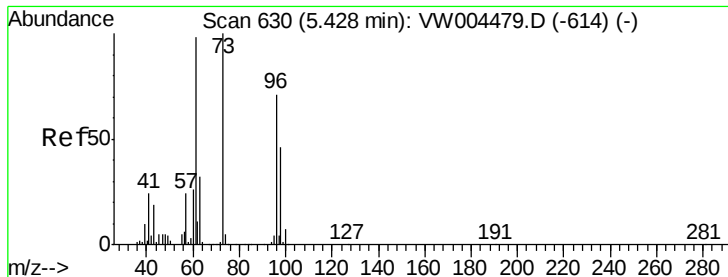
apatel
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#18
Methyl Acetate
Concen: 17.71 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.01 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	19.1	28.7





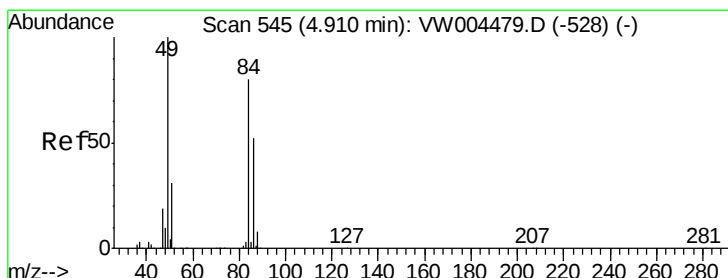
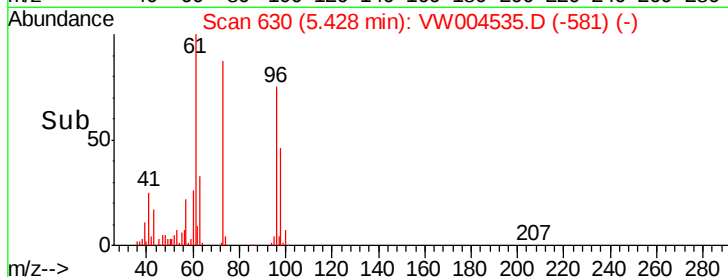
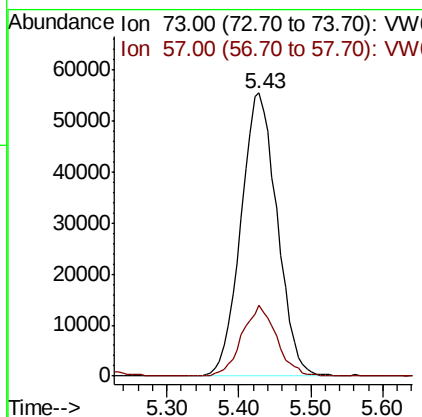
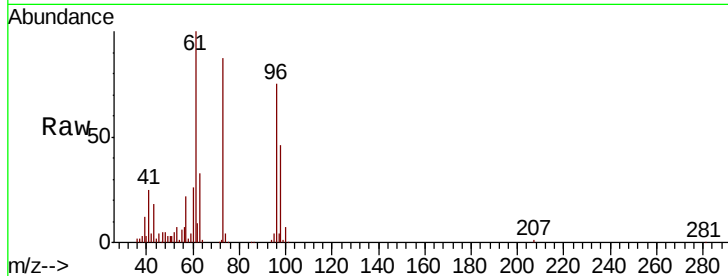
#19
Methvl tert-butvl Ether
Concen: 18.33 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

Instrument :
MSVOA_W
ClientSampleId :
VW0810SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	25.1	19.6	29.4

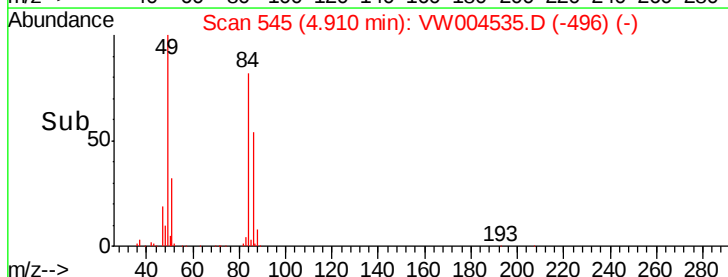
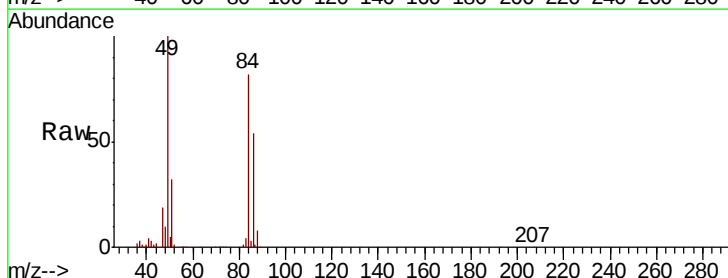
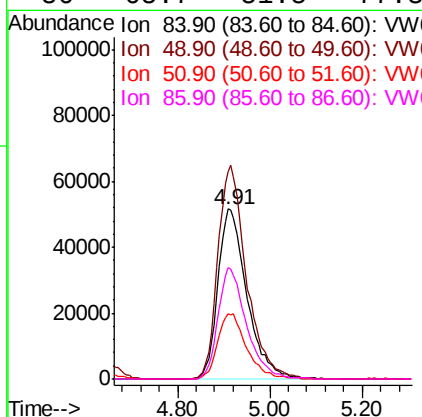
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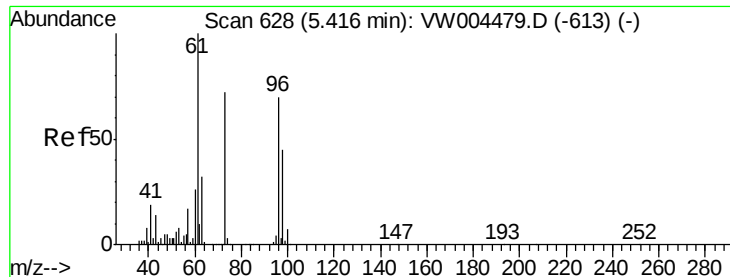
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#20
Methylene Chloride
Concen: 17.88 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.3	99.6	149.4
51	38.8	31.0	46.4
86	65.7	51.5	77.3





#21

trans-1,2-Dichloroethene

Concen: 19.51 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

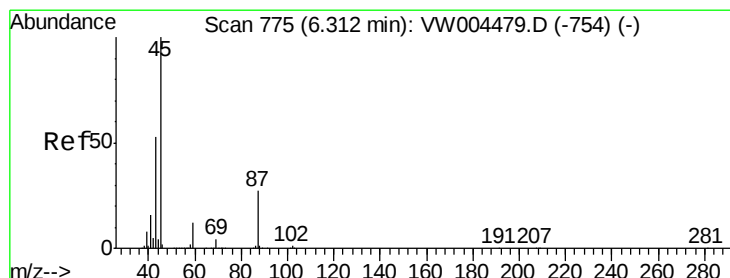
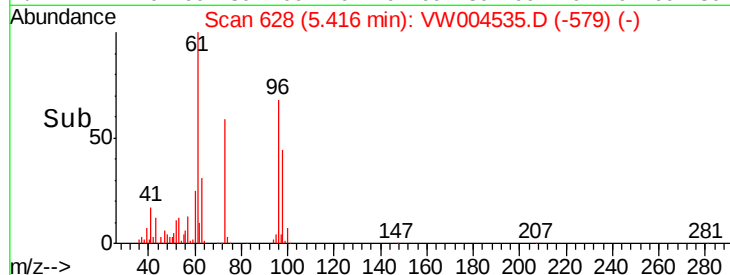
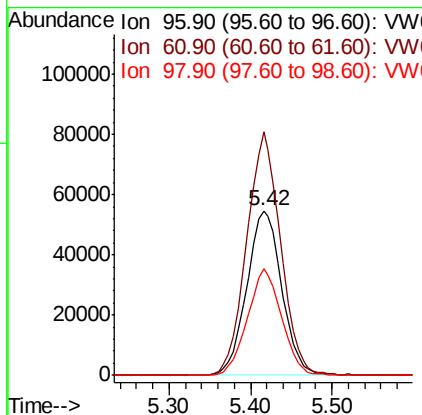
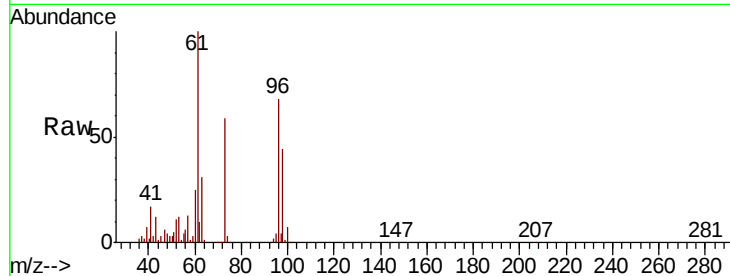
ClientSampled :

VW0810SBS01

Tot Ion:	96	Resp:	162728
Ion	Ratio	Lower	Upper
96	100		
61	147.9	114.1	171.1
98	64.5	51.4	77.2

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#22

Diisopropyl ether

Concen: 19.95 ug/l

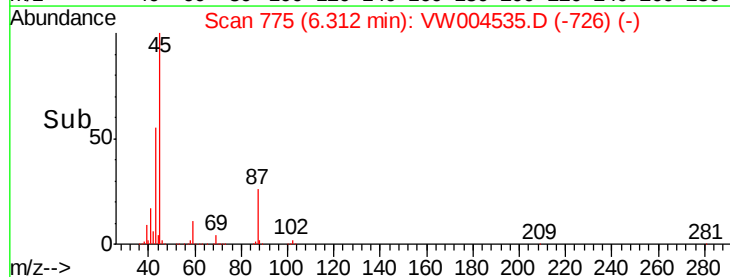
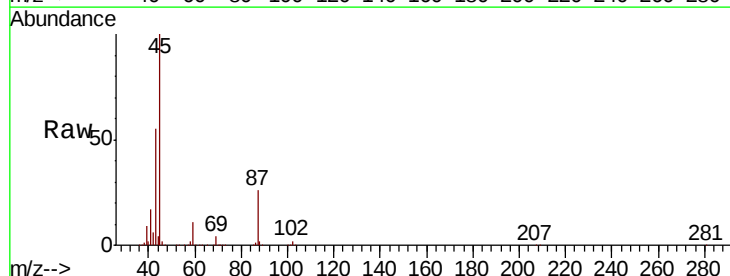
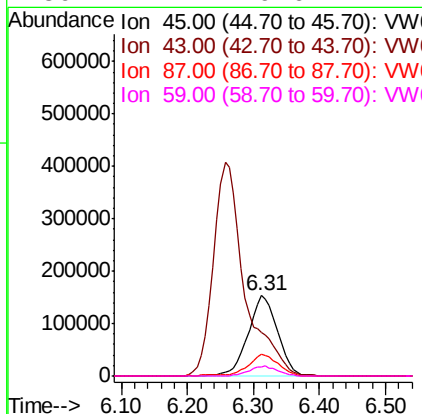
RT: 6.31 min Scan# 775

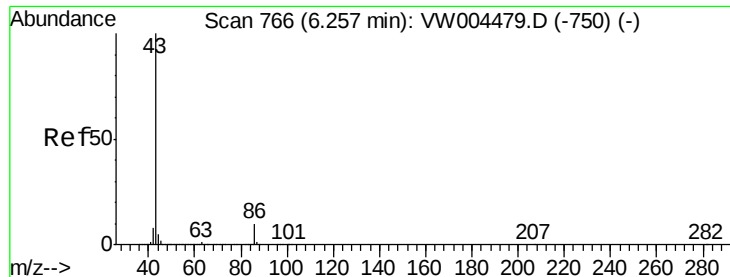
Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Tgt Ion:	45	Resp:	476695
Ion	Ratio	Lower	Upper
45	100		
43	53.9	42.4	63.6
87	26.3	21.6	32.4
59	11.4	9.6	14.4





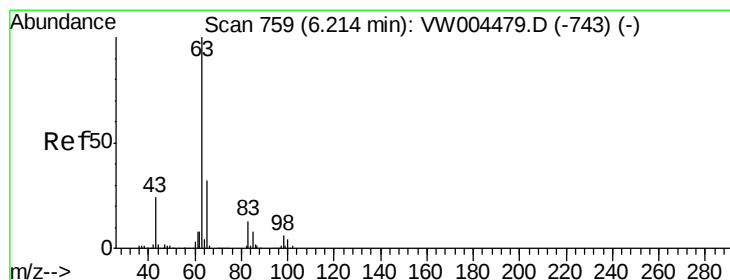
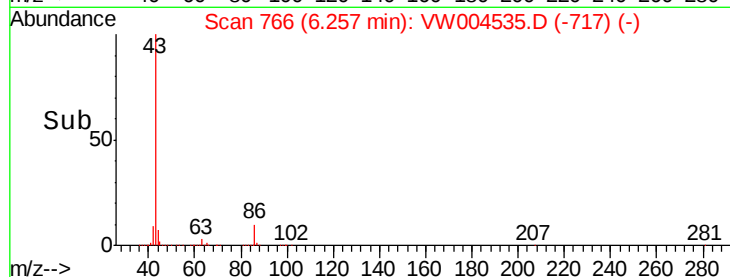
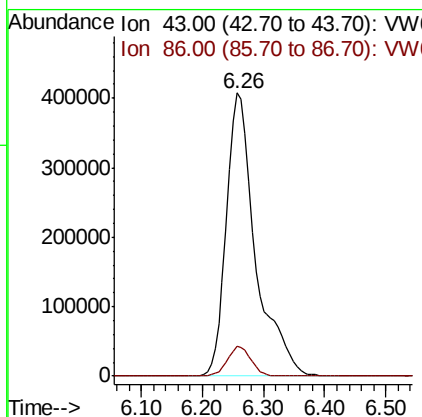
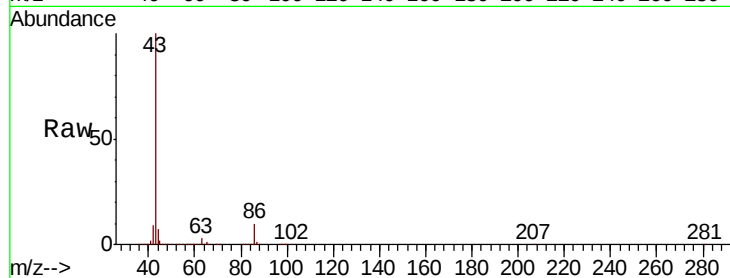
#23
 Vinyl Acetate
 Concen: 93.40 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBS01

Tot Ion	43	Resp	1341373
Ion	Ratio	Lower	Upper
43	100		
86	10.4	7.9	11.9

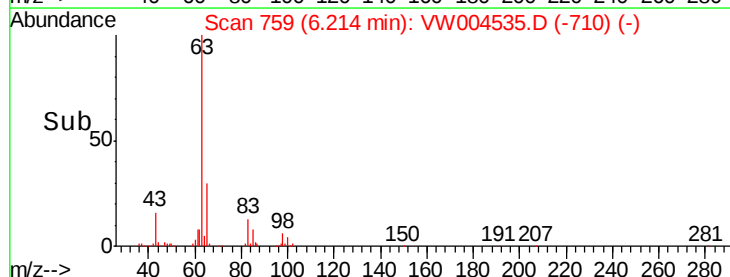
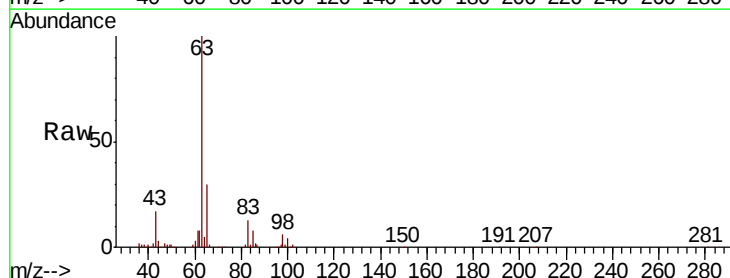
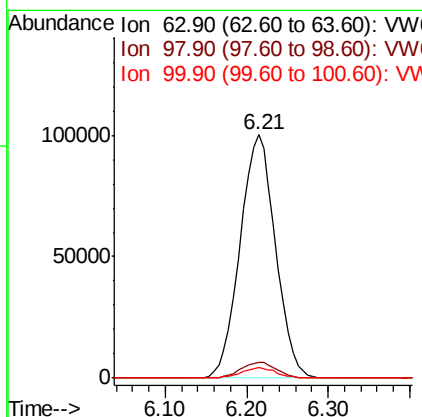
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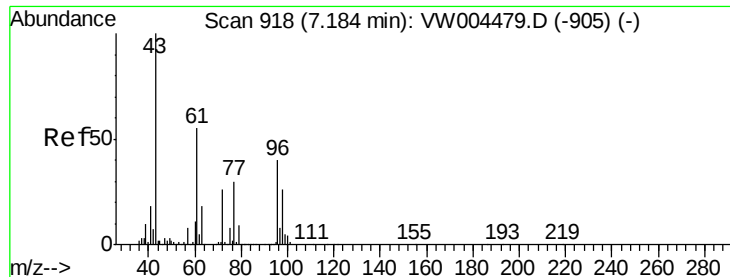
apatel
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#24
 1,1-Dichloroethane
 Concen: 19.77 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

Tgt Ion	63	Resp	302456
Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.1	9.3
100	4.3	2.1	6.5





#25

2-Butanone

Concen: 91.91 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

ClientSampled :

VW0810SBS01

Tot Ion: 43 Resp: 288476

Ion Ratio Lower Upper

43 100

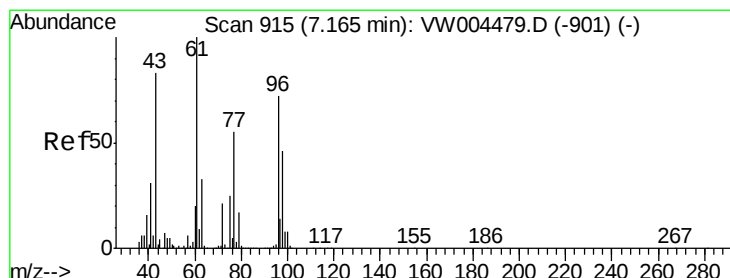
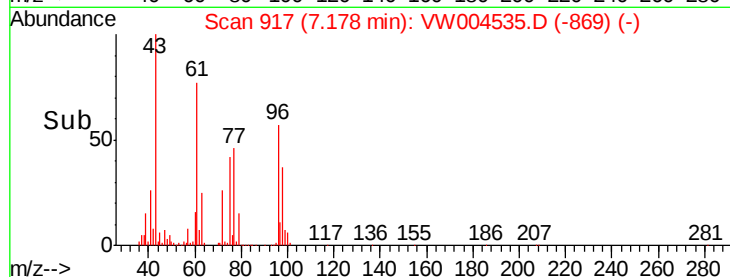
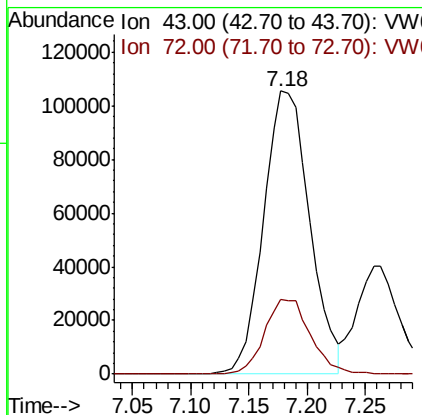
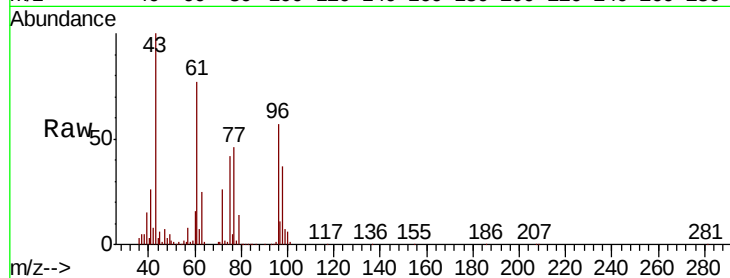
72 26.5 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.16 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW004535.D

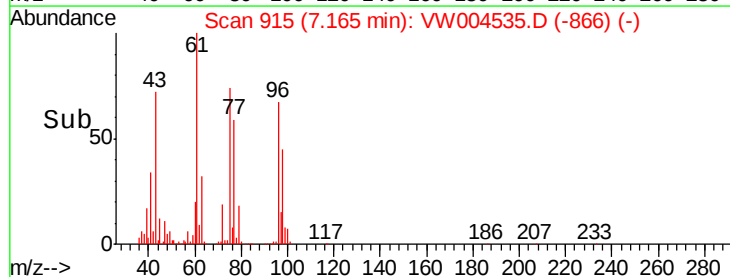
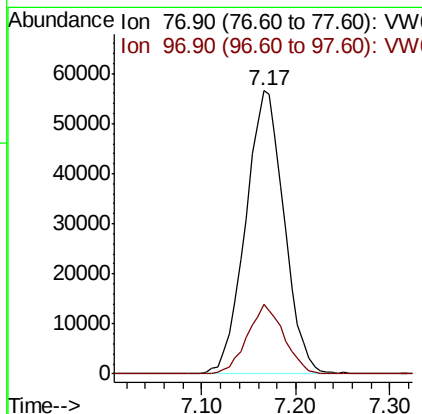
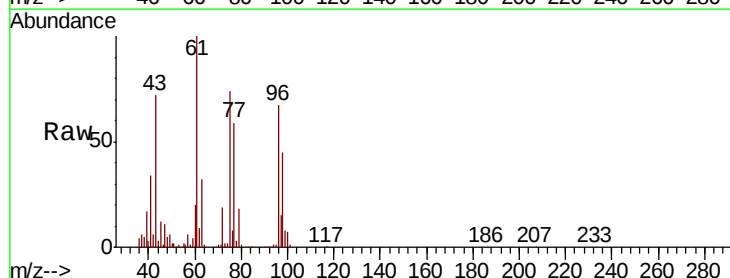
Acq: 08 Aug 2018 19:00

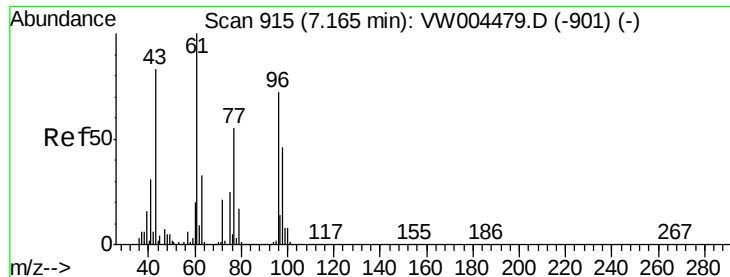
Tgt Ion: 77 Resp: 161881

Ion Ratio Lower Upper

77 100

97 23.5 12.5 37.5





#27

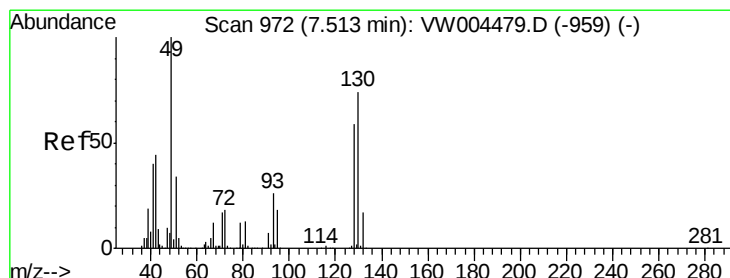
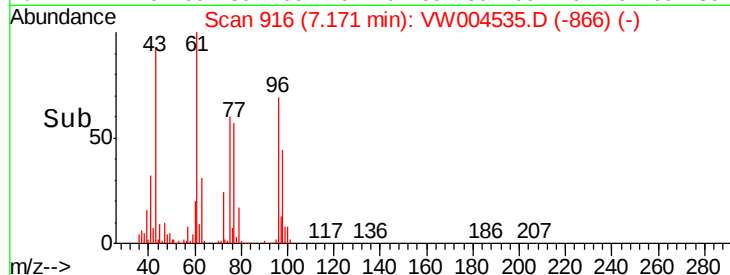
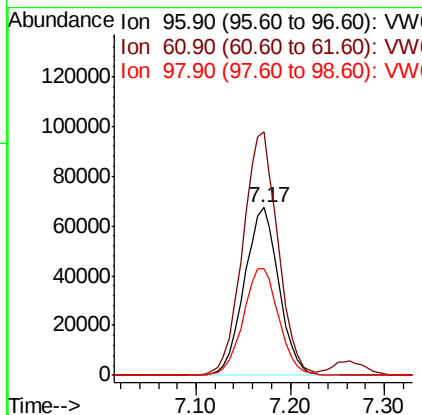
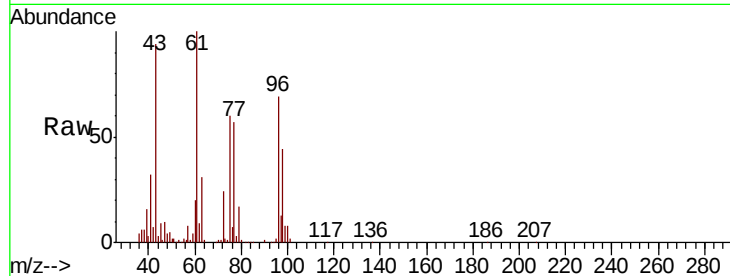
cis-1,2-Dichloroethene
 Concen: 19.31 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.01 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	173258		
61	147.2	0.0	285.0	
98	65.4	0.0	128.6	

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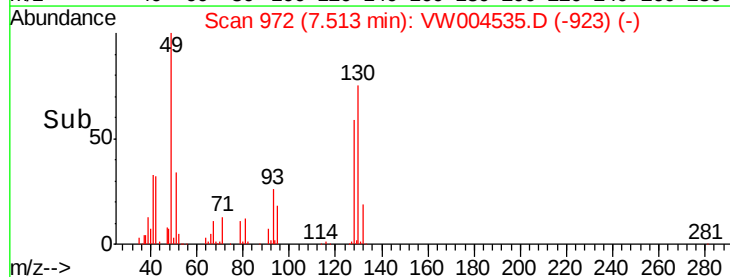
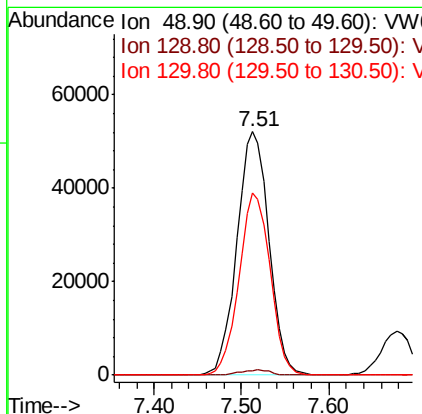
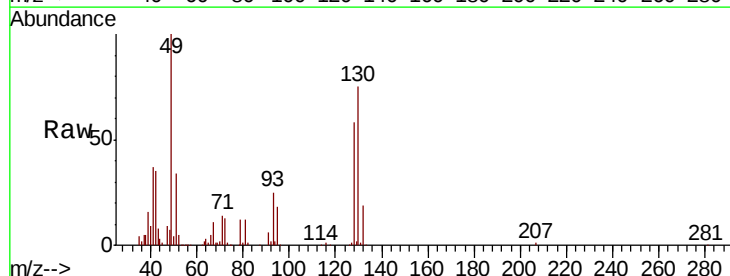
apatel
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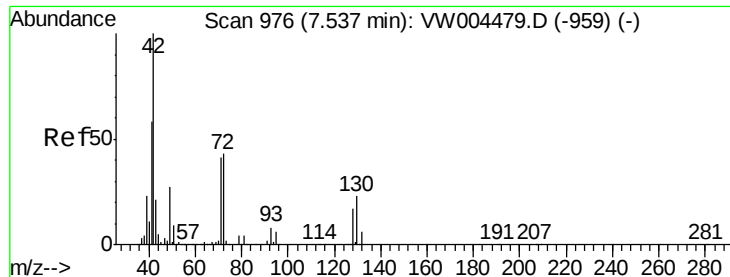


#28

Bromochloromethane
 Concen: 19.88 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	132307		
129	2.0	0.0	4.0	
130	73.0	58.8	88.2	





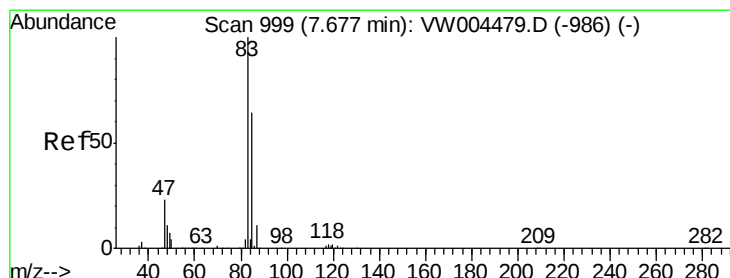
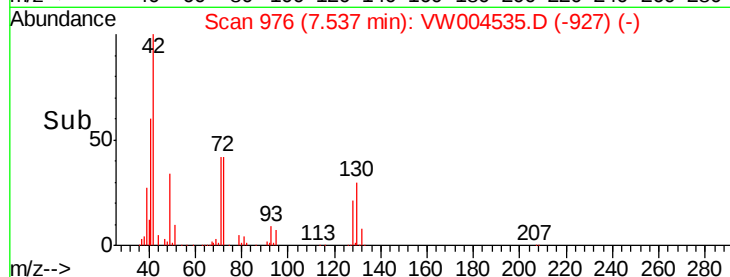
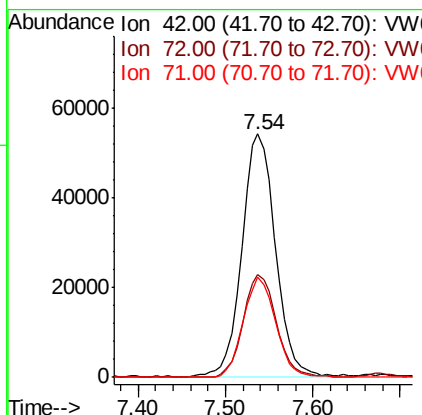
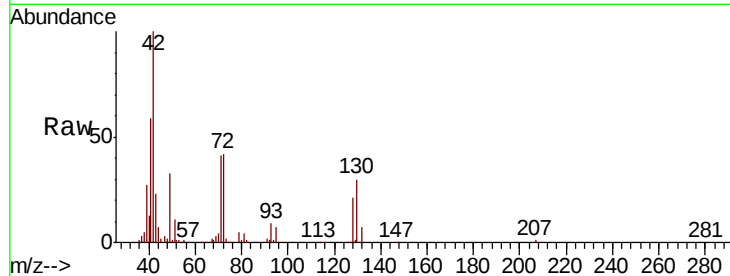
#29
Tetrahydrofuran
Concen: 88.72 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

Instrument :
MSVOA_W
ClientSampleId :
VW0810SBS01

Tot Ion:	42	Resp:	143951
Ion Ratio	Lower	Upper	
42	100		
72	42.3	34.1	51.1
71	40.4	32.5	48.7

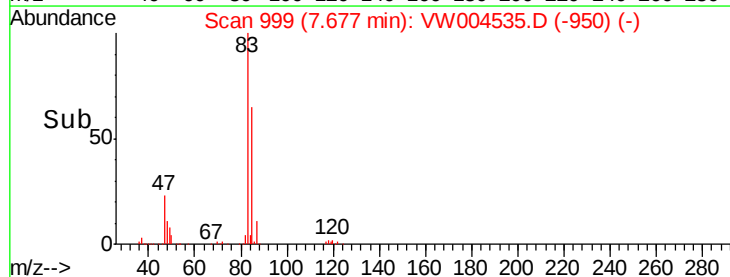
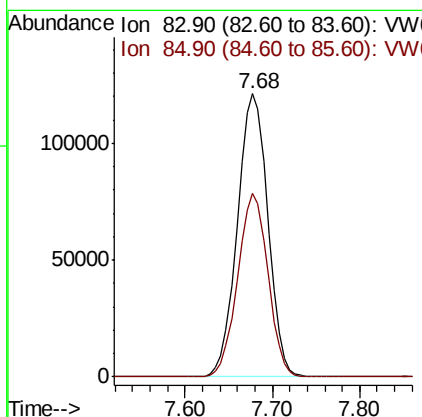
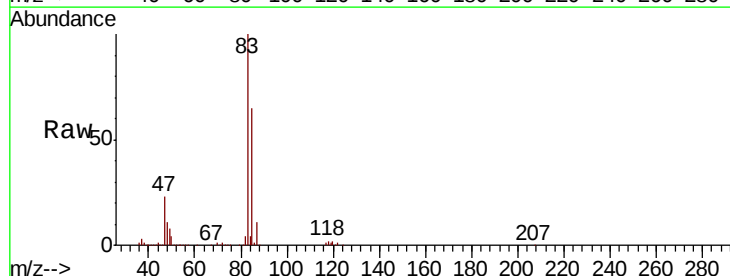
Manual Integrations
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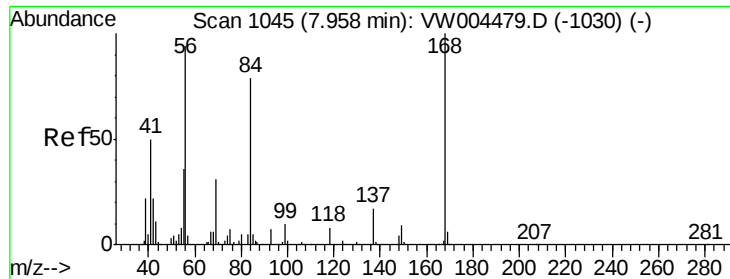
apatel
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#30
Chloroform
Concen: 19.54 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

Tgt Ion:	83	Resp:	293527
Ion Ratio	Lower	Upper	
83	100		
85	64.9	51.3	76.9





#31

Cyclohexane

Concen: 19.71 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

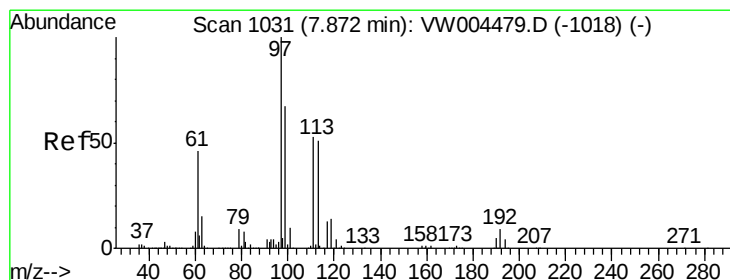
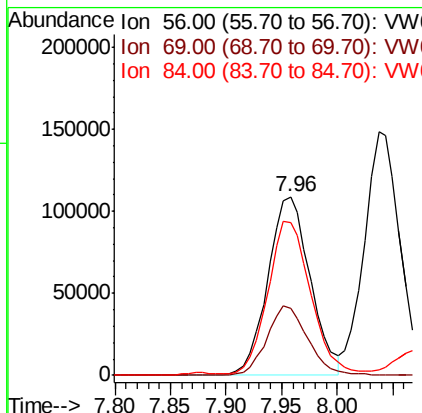
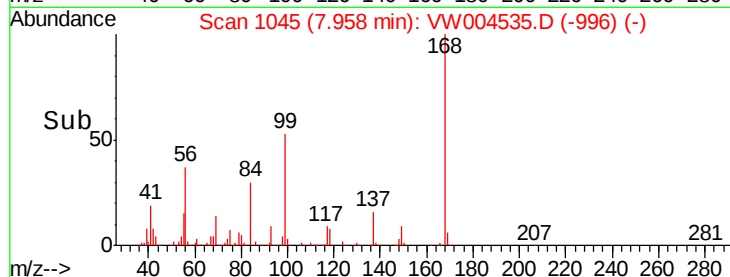
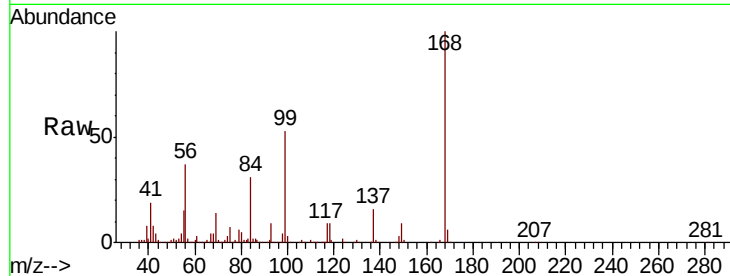
ClientSampleId :

VW0810SBS01

Tot Ion:	56	Resp:	288448
Ion Ratio	Lower	Upper	
56	100		
69	37.2	26.4	39.6
84	84.3	66.9	100.3

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#32

1,1,1-Trichloroethane

Concen: 19.69 ug/l

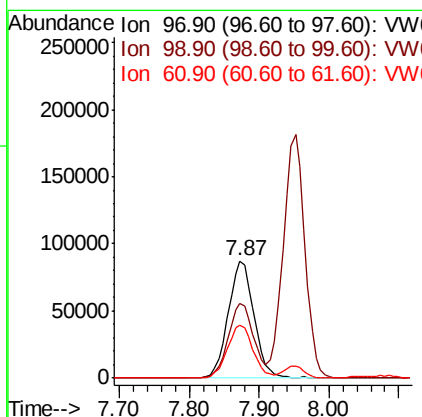
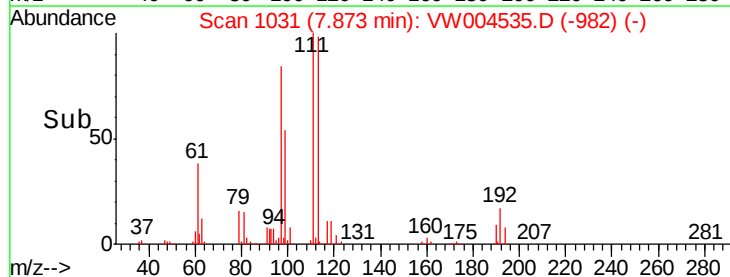
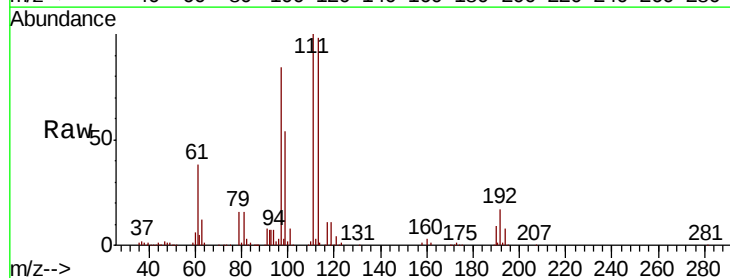
RT: 7.87 min Scan# 1031

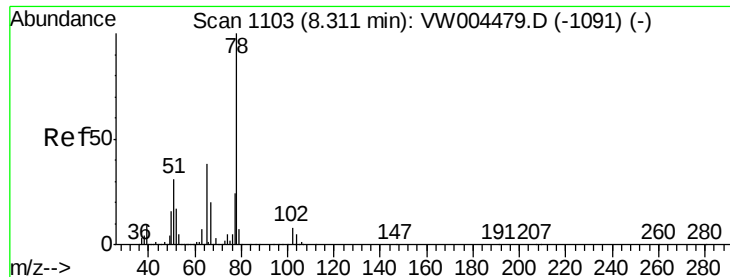
Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Tgt Ion:	97	Resp:	222238
Ion Ratio	Lower	Upper	
97	100		
99	63.1	51.6	77.4
61	45.3	35.7	53.5





#33

1,2-Dichloroethane-d4

Concen: 47.64 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBS01

Tot Ion: 65 Resp: 372198

Ion Ratio Lower Upper

65 100

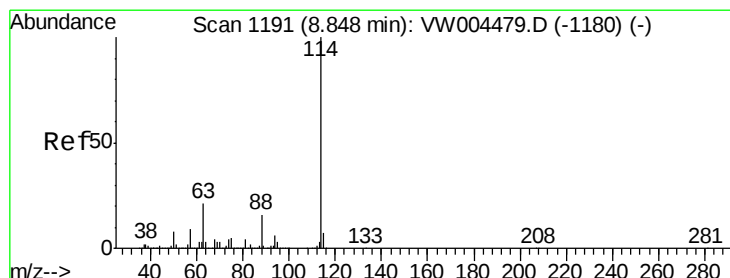
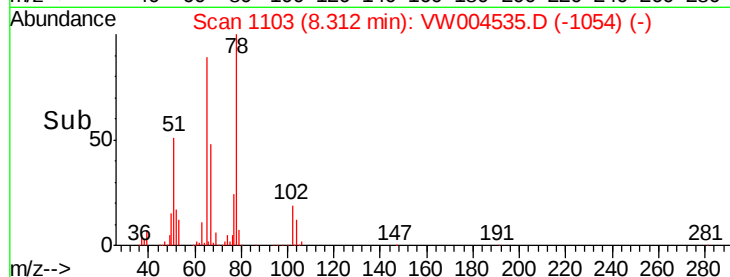
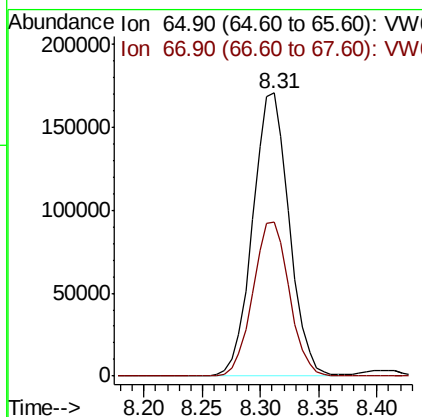
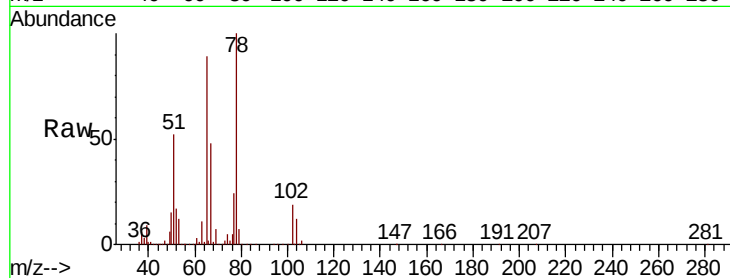
67 54.4 0.0 109.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

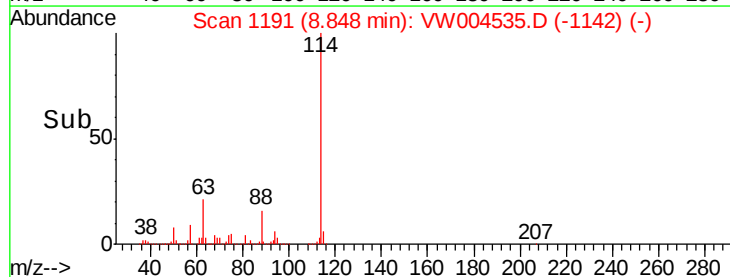
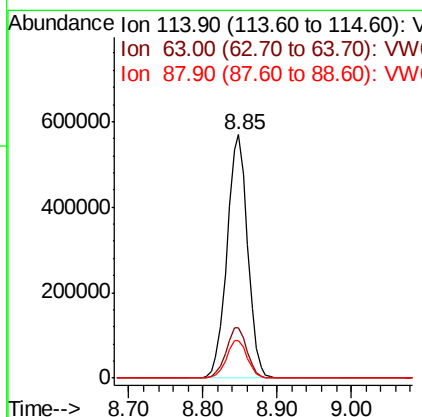
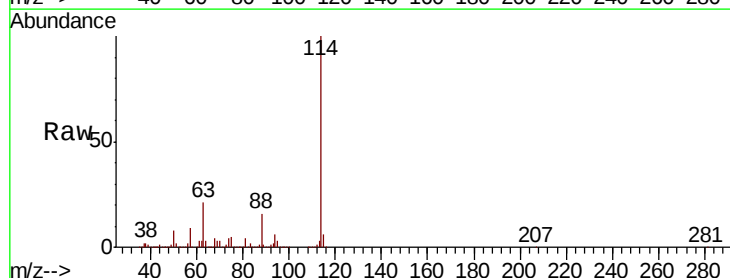
Tgt Ion: 114 Resp: 1096469

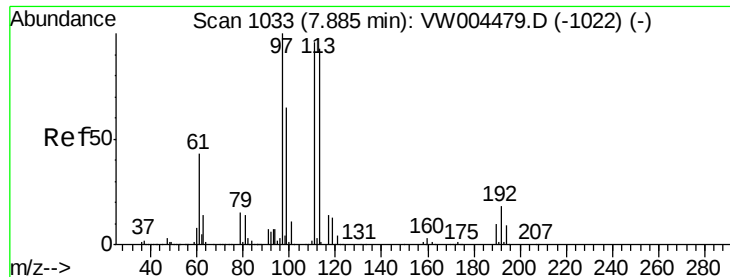
Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.4

88 15.7 0.0 31.2





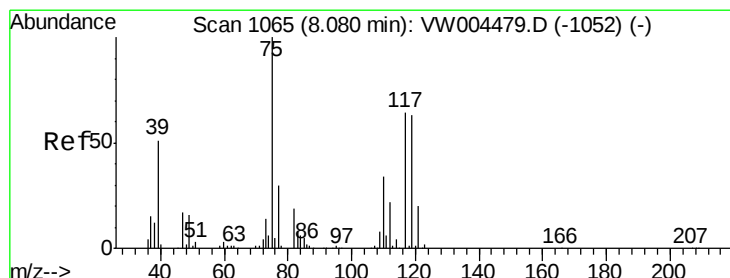
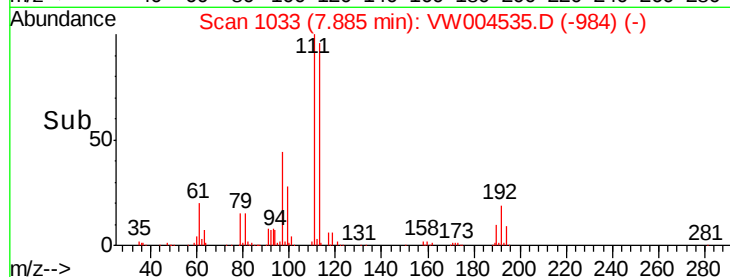
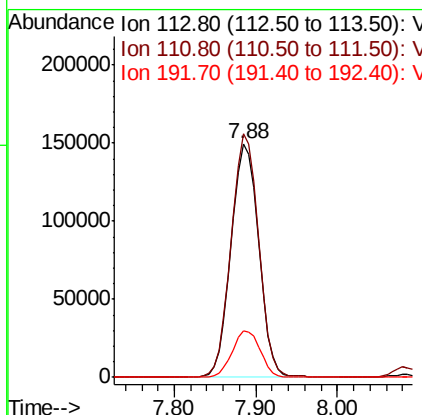
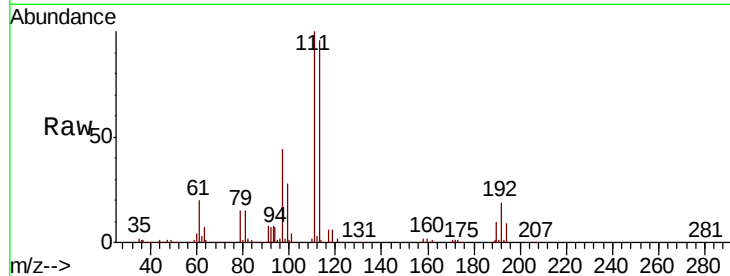
#35
 Dibromofluoromethane
 Concen: 48.05 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.9	82.9	124.3	
192	20.1	15.8	23.6	

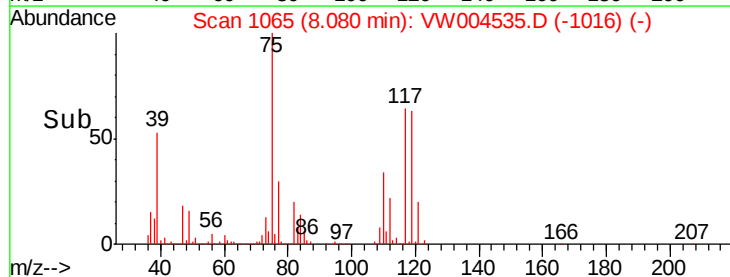
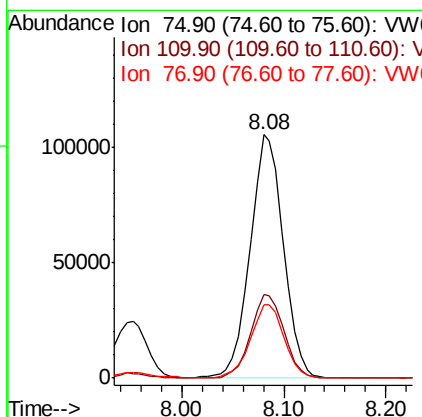
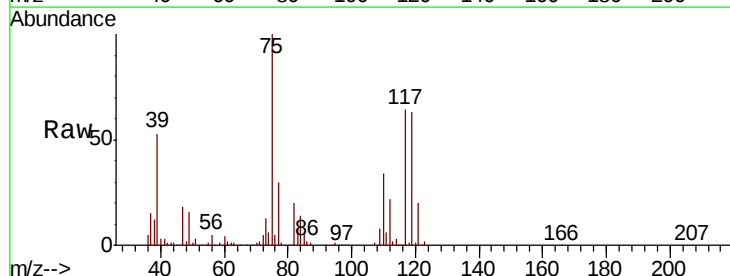
Manual Integrations
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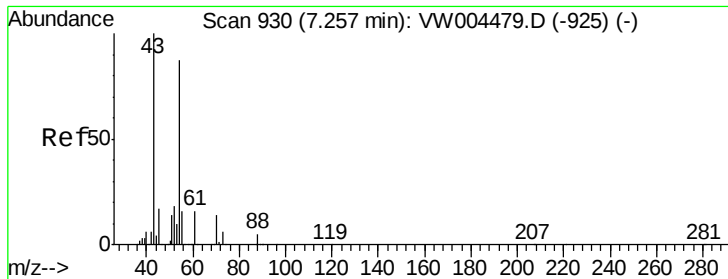
apatel
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#36
 1,1-Dichloropropene
 Concen: 20.17 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	34.4	17.4	52.2	
77	31.0	24.7	37.1	





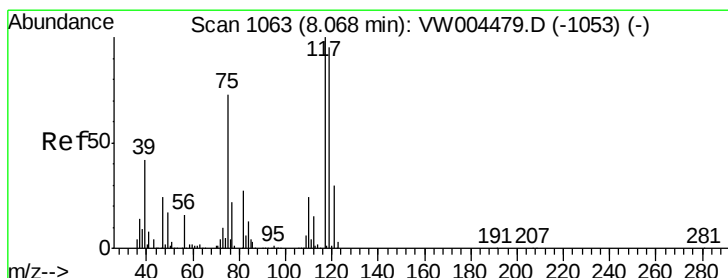
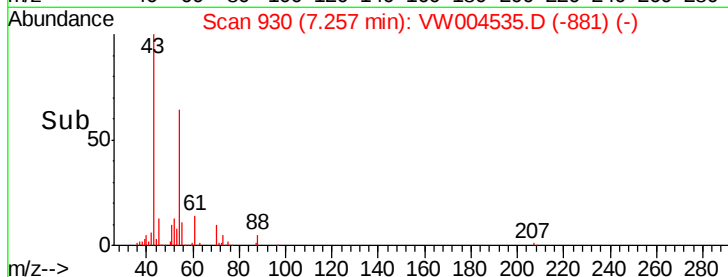
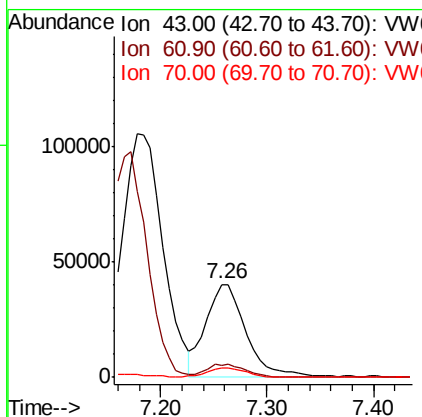
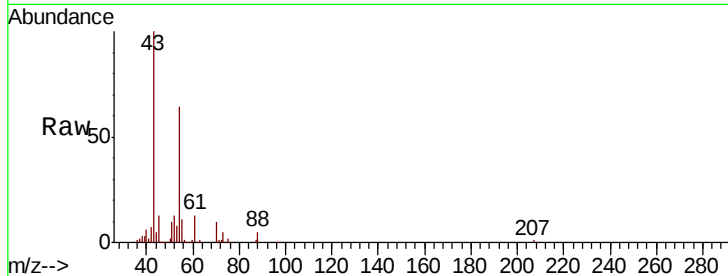
#37
Ethyl Acetate
Concen: 18.75 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

Instrument :
MSVOA_W
ClientSampled :
VW0810SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.9	17.9
70	10.3	8.2	12.4

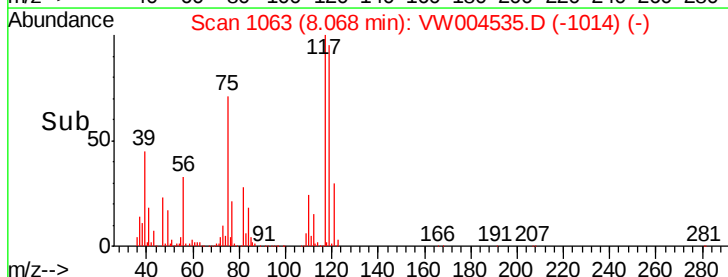
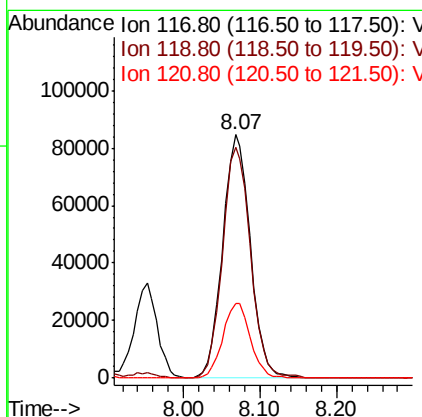
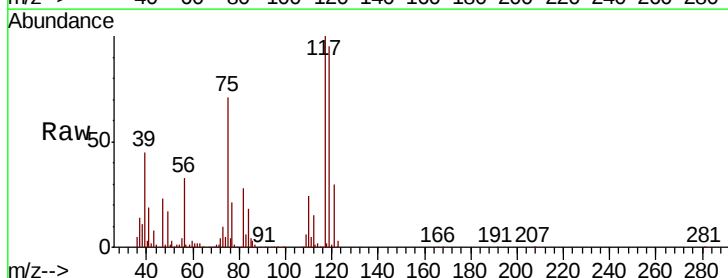
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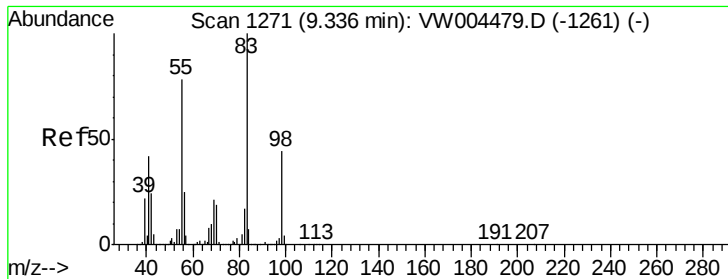
apatel
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#38
Carbon Tetrachloride
Concen: 19.96 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.1	114.1
121	30.4	24.2	36.4





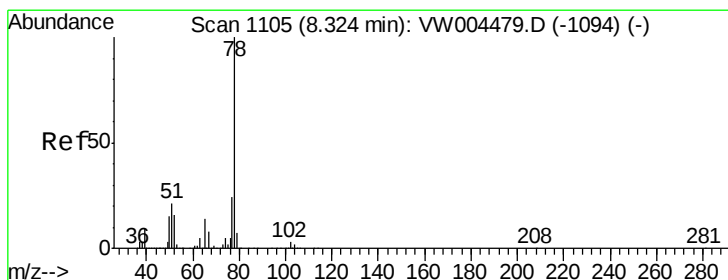
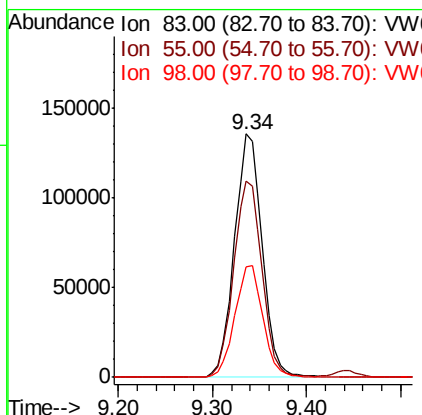
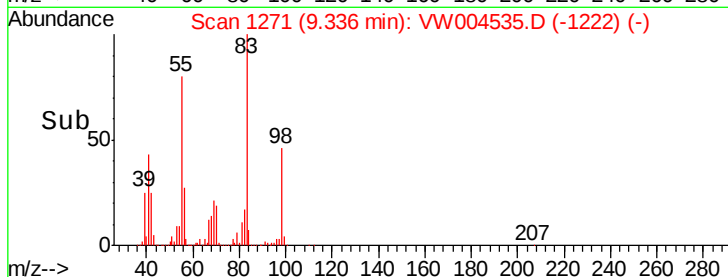
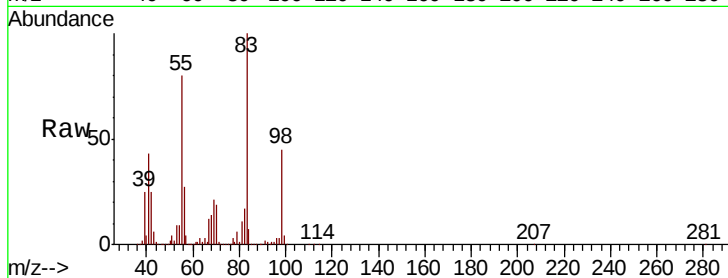
#39
Methvlcvclohexane
Concen: 19.20 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

Instrument :
MSVOA_W
ClientSampleId :
VW0810SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	277788		
55	80.5		62.5	93.7
98	45.5		35.4	53.2

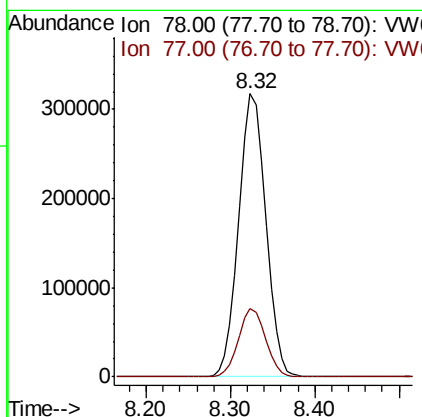
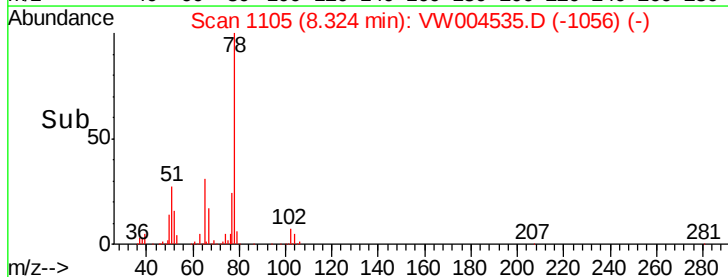
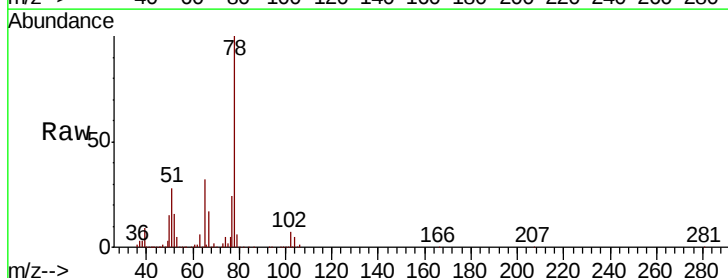
Manual Integrations
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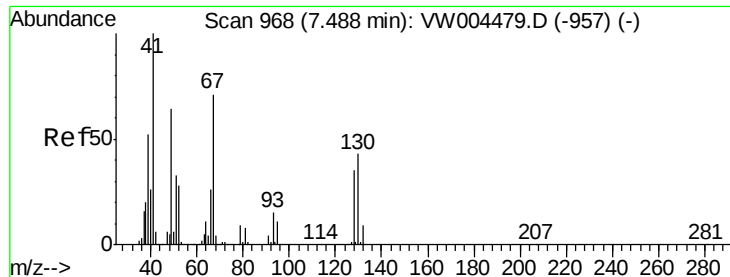
apatel
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#40
Benzene
Concen: 19.92 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	690647		
77	24.2		19.0	28.6





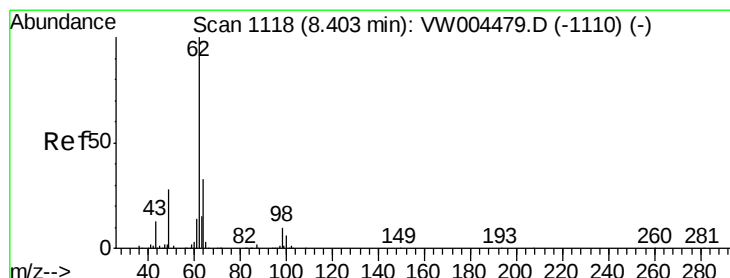
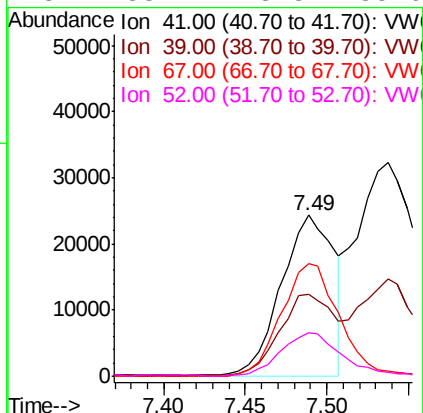
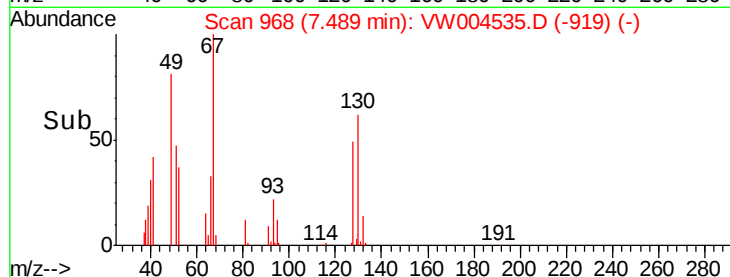
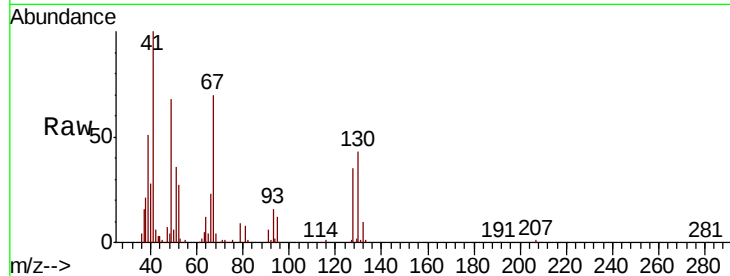
#41
Methacrylonitrile
Concen: 17.65 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

Instrument :
MSVOA_W
ClientSampleId :
VW0810SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	51.9	46.2	69.2		
67	78.0	60.8	91.2		
52	33.1	23.8	35.6		

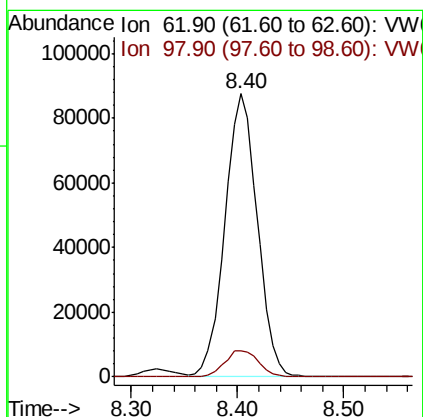
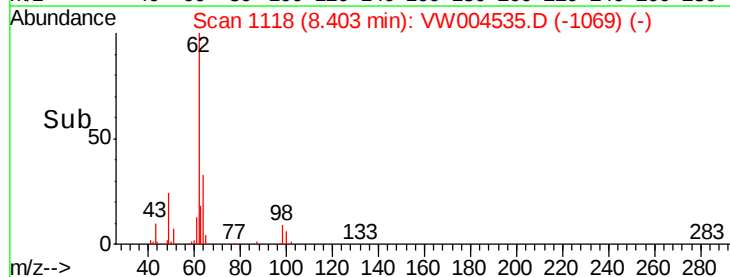
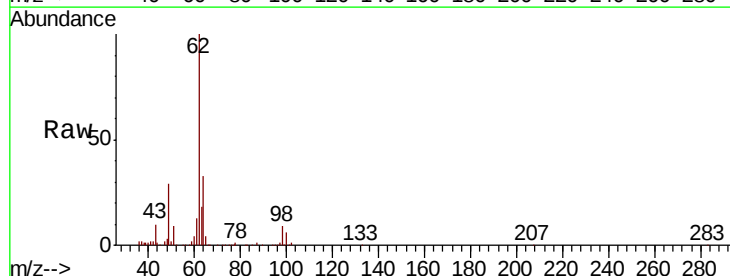
Manual Integrations
APPROVED

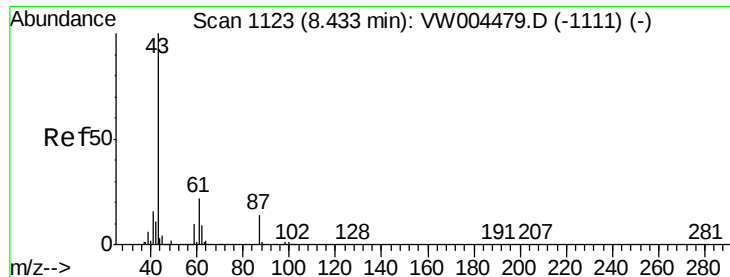
apatel
8/9/2018 10:23:10 AM



#42
1,2-Dichloroethane
Concen: 19.42 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.8	0.0	19.6		





#43

Isopropyl Acetate

Concen: 17.89 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

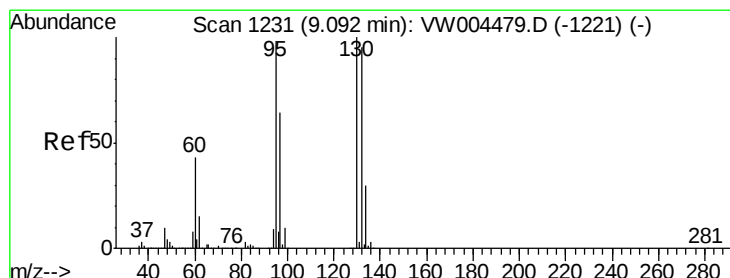
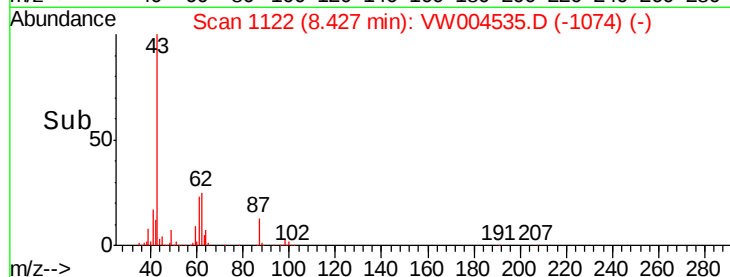
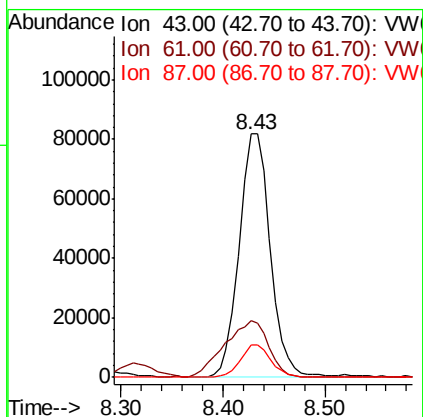
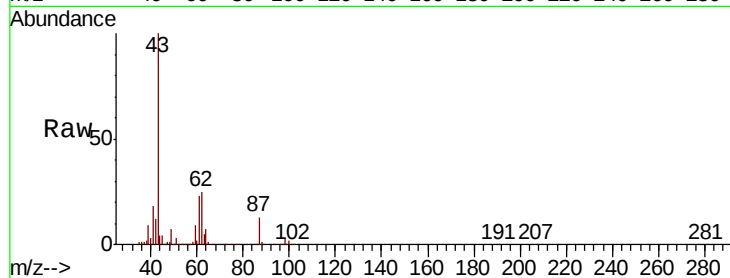
ClientSampleId :

VW0810SBS01

Tot Ion:	43	Resp:	172417
Ion	Ratio	Lower	Upper
43	100		
61	33.0	25.2	37.8
87	13.2	10.6	16.0

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#44

Trichloroethene

Concen: 19.62 ug/l

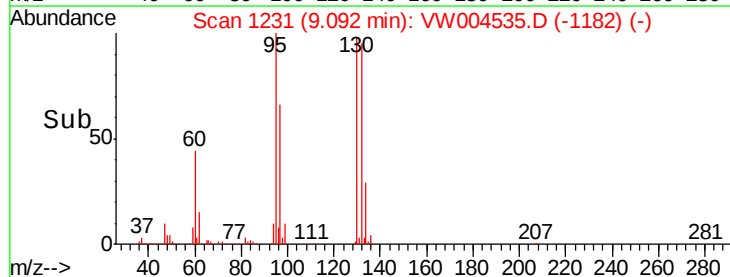
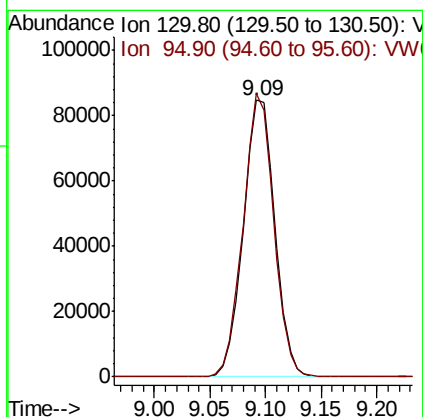
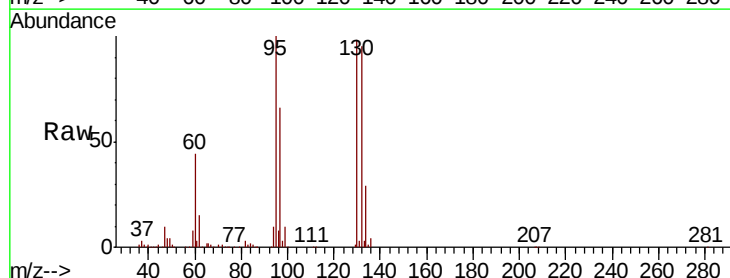
RT: 9.09 min Scan# 1231

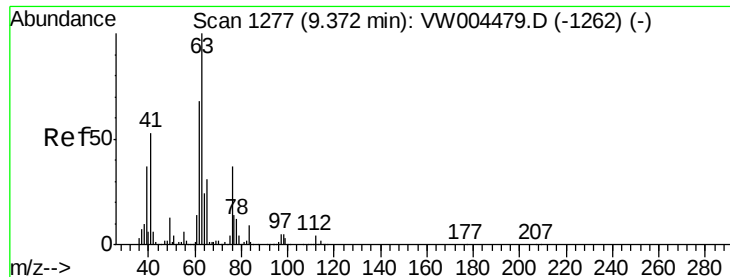
Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Tgt Ion:	130	Resp:	167132
Ion	Ratio	Lower	Upper
130	100		
95	102.3	0.0	196.2





#45

1,2-Dichloropropane

Concen: 19.84 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

ClientSampled :

VW0810SBS01

Tot Ion: 63 Resp: 172255

Ion Ratio Lower Upper

63 100

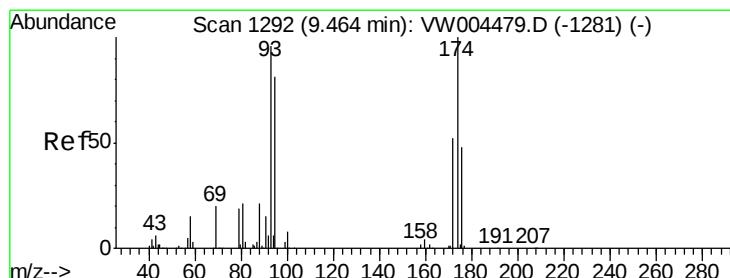
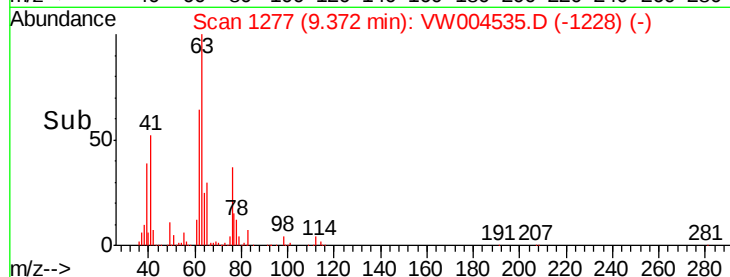
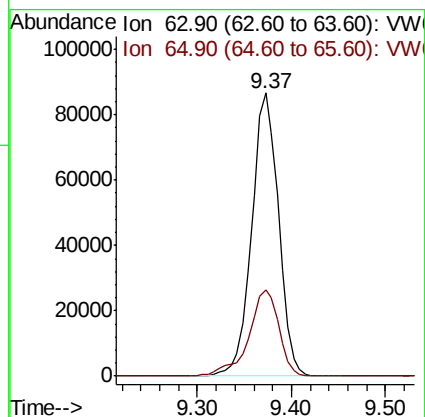
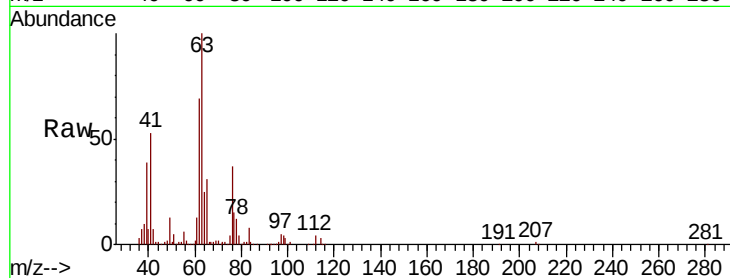
65 30.6 24.5 36.7

Manual Integrations

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#46

Dibromomethane

Concen: 19.32 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

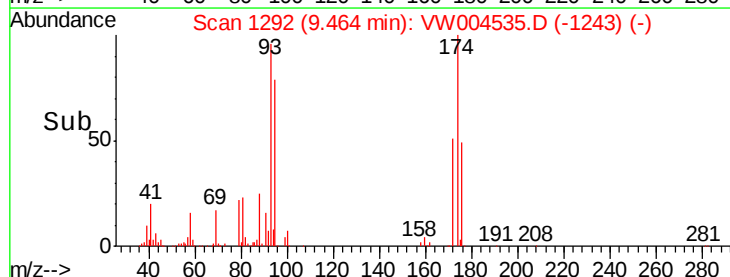
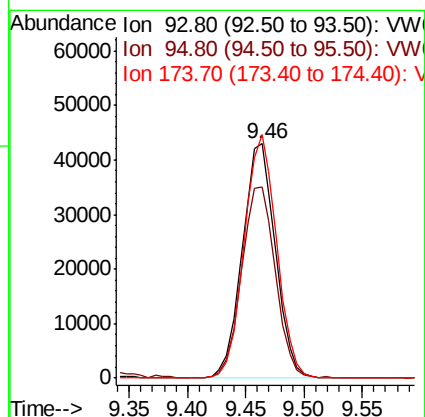
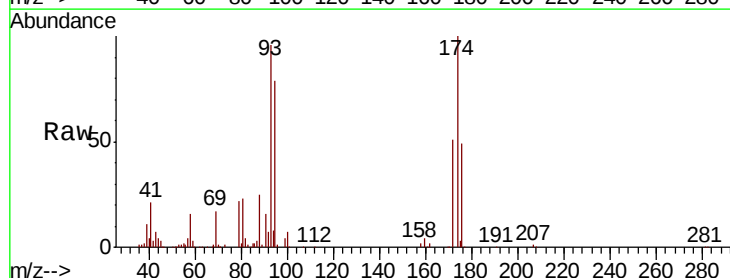
Tgt Ion: 93 Resp: 85373

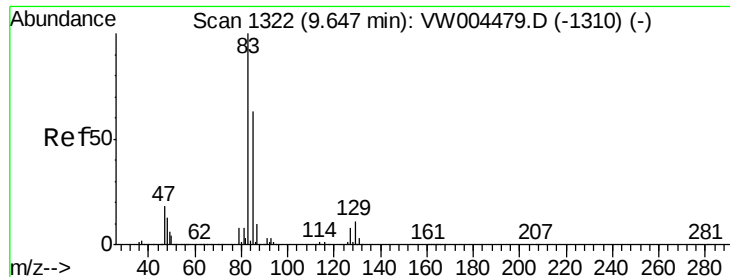
Ion Ratio Lower Upper

93 100

95 83.4 67.0 100.4

174 101.7 80.2 120.4





#47

Bromodichloromethane

Concen: 19.44 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

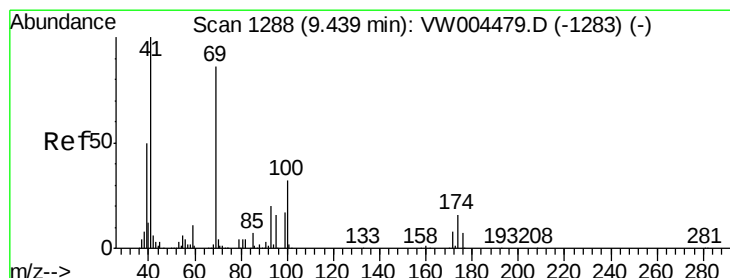
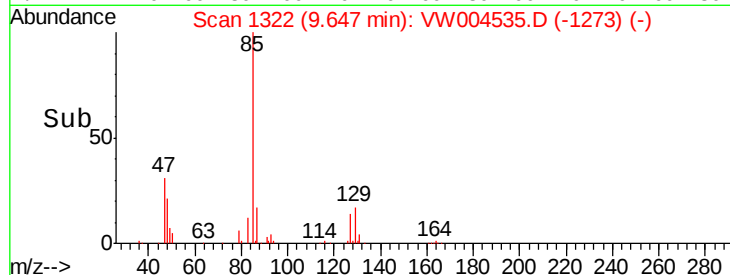
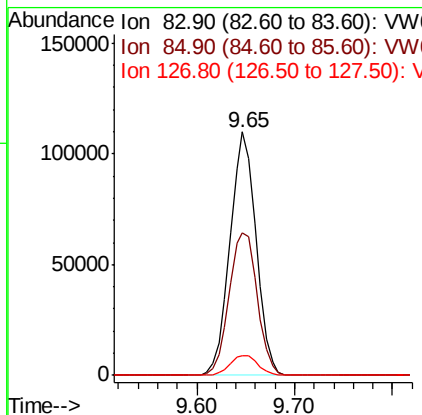
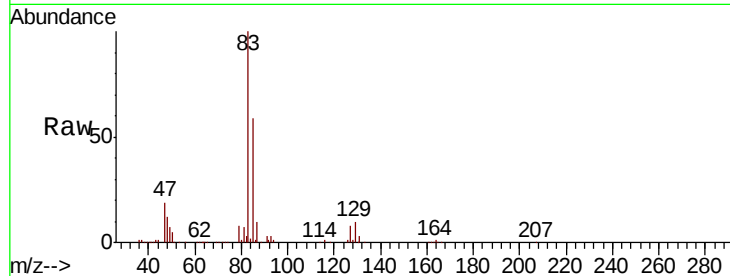
ClientSampleId :

VW0810SBS01

Tot Ion:	83	Resp:	202793
Ion Ratio	Lower	Upper	
83	100		
85	58.6	50.7	76.1
127	8.0	6.5	9.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.09 ug/l

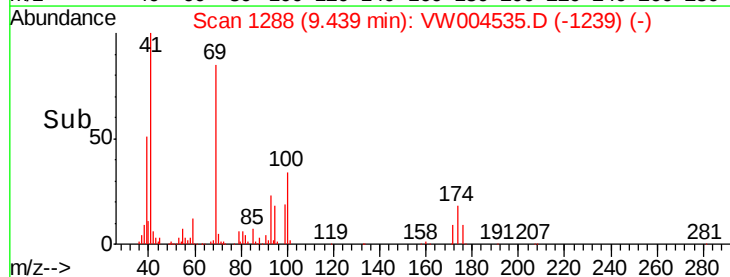
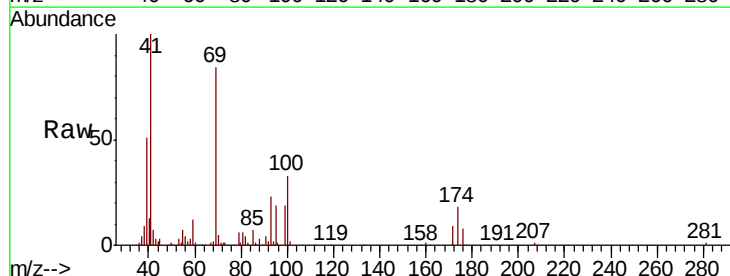
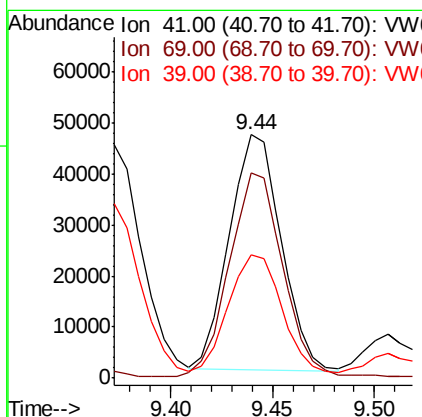
RT: 9.44 min Scan# 1288

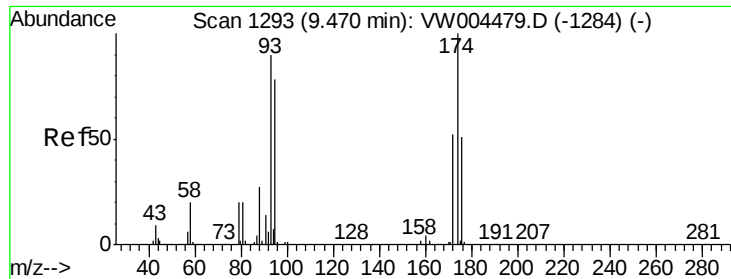
Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Tgt Ion:	41	Resp:	81480
Ion Ratio	Lower	Upper	
41	100		
69	91.1	73.2	109.8
39	51.6	40.6	60.8





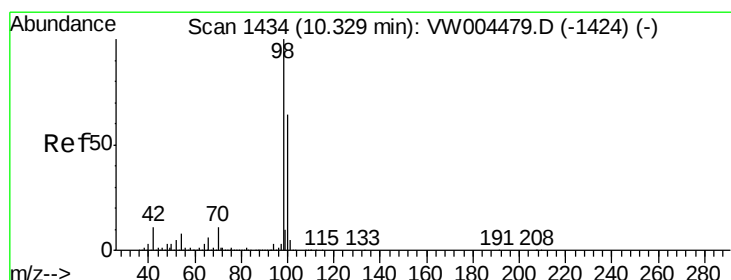
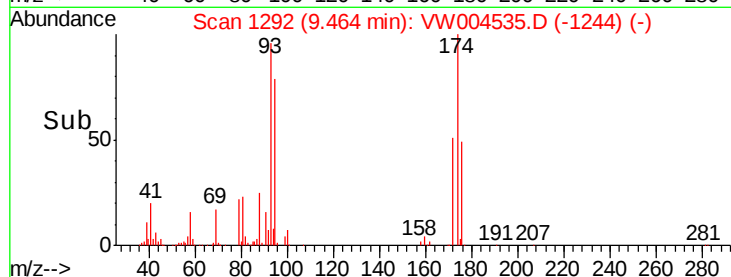
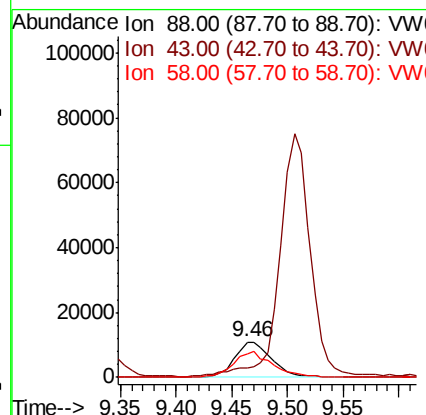
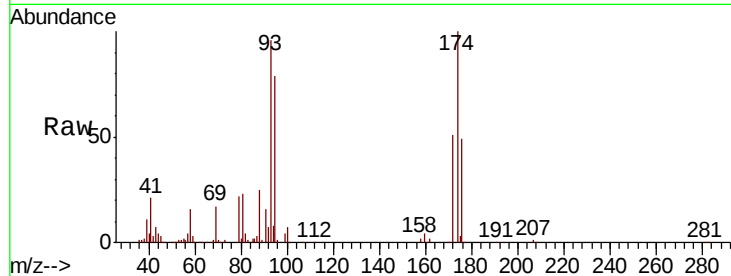
#49
1,4-Dioxane
Concen: 372.06 ug/l
RT: 9.46 min Scan# 1292
Delta R.T. -0.01 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

Instrument :
MSVOA_W
ClientSampleId :
VW0810SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	77.9	63.5	95.3

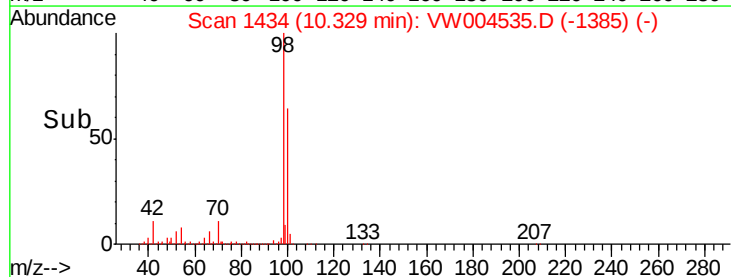
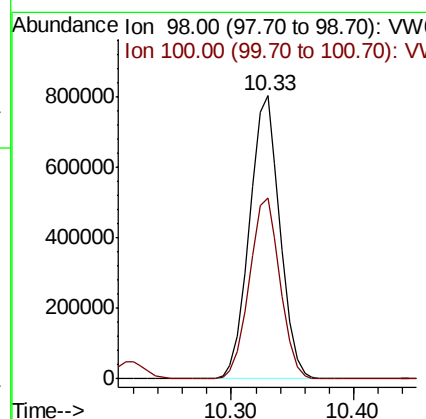
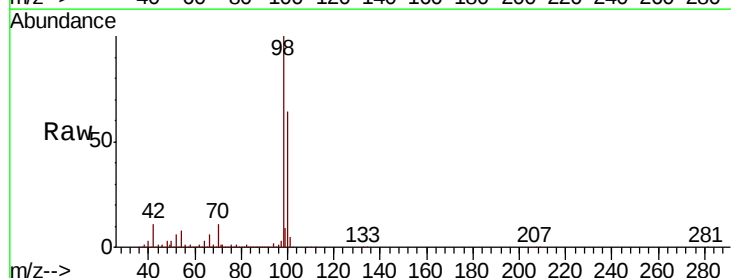
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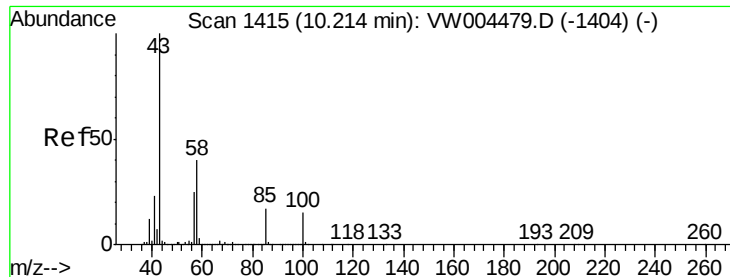
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#50
Toluene-d8
Concen: 49.78 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.4	77.2





#51

4-Methyl-2-Pentanone

Concen: 91.06 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

ClientSampled :

VW0810SBS01

Tot Ion: 43 Resp: 610929

Ion Ratio Lower Upper

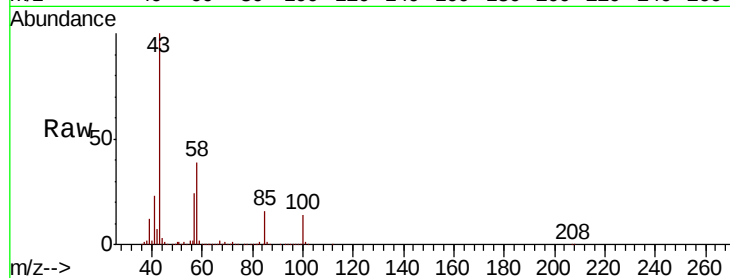
43 100

58 38.9 31.9 47.9

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

400000

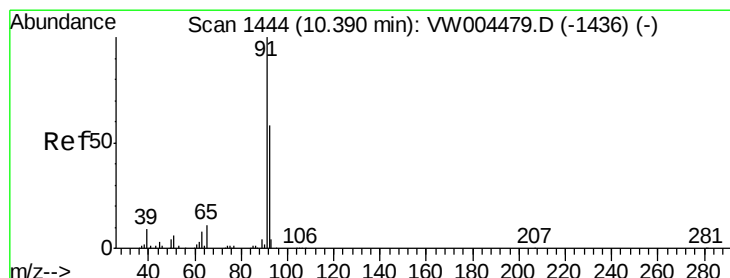
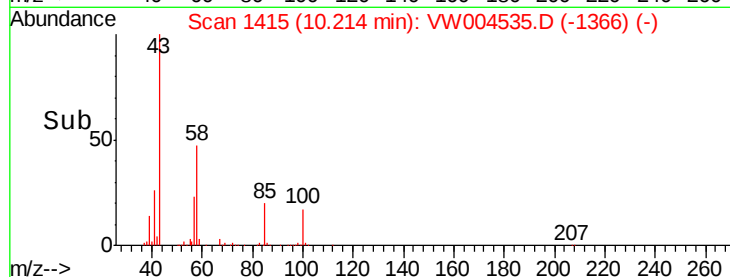
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 20.25 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004535.D

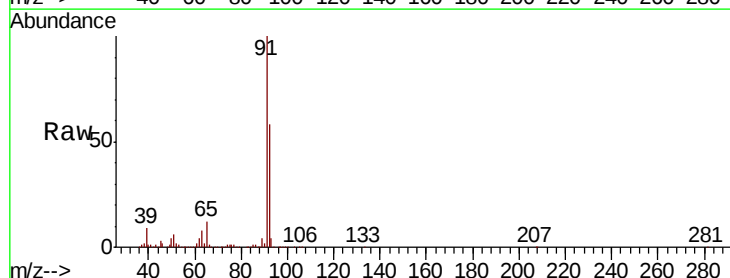
Acq: 08 Aug 2018 19:00

Tgt Ion: 92 Resp: 414041

Ion Ratio Lower Upper

92 100

91 174.0 137.9 206.9



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10.39

400000

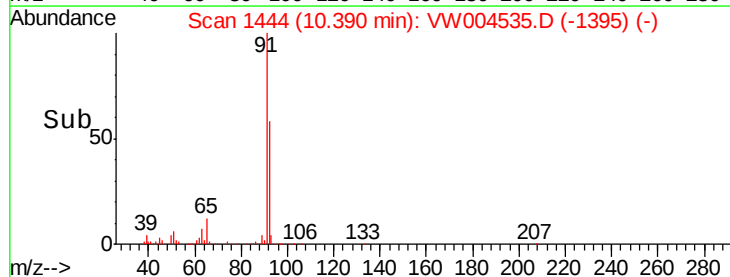
300000

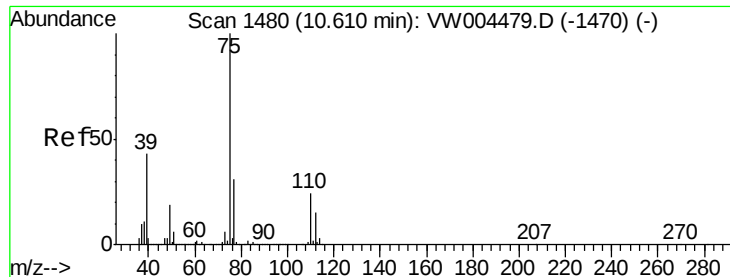
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.52 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

ClientSampled :

VW0810SBS01

Tot Ion: 75 Resp: 194031

Ion Ratio Lower Upper

75 100

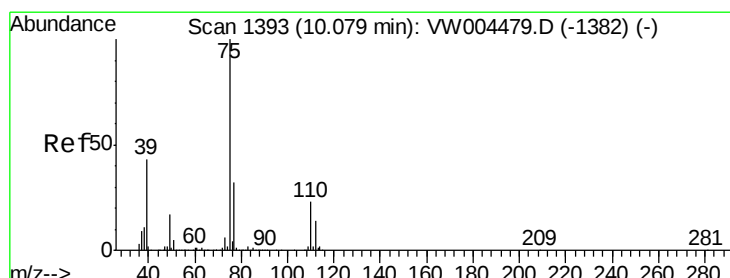
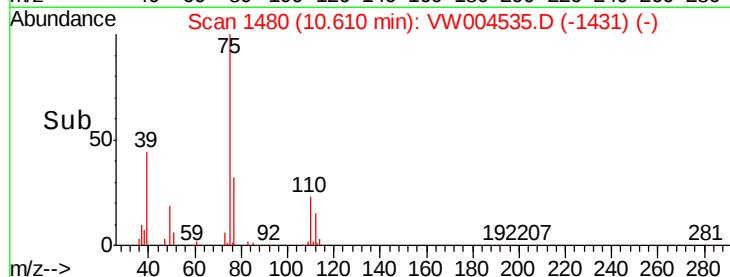
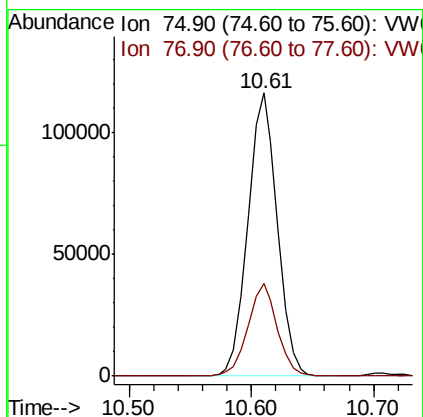
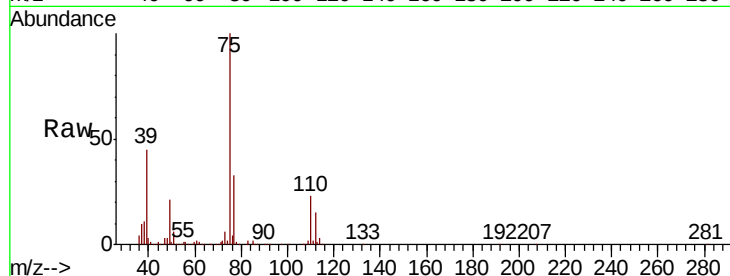
77 32.4 25.1 37.7

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 19.31 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

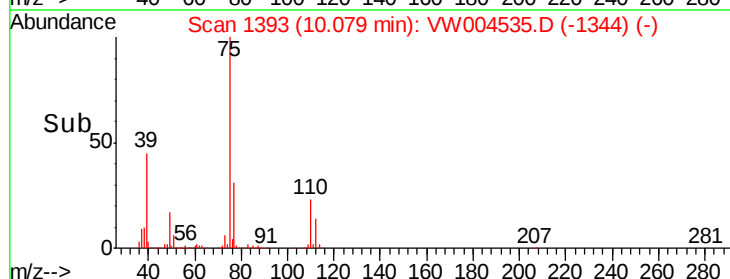
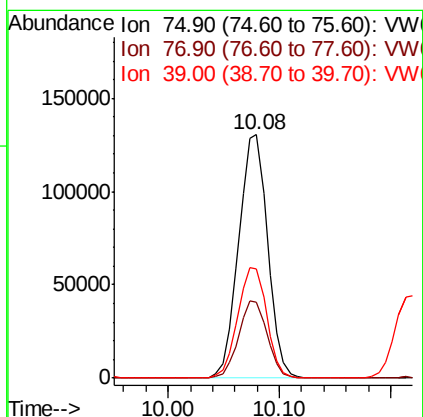
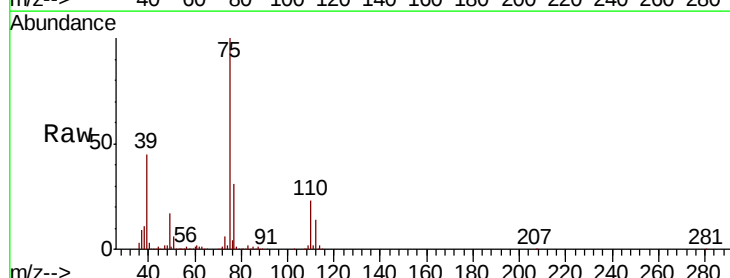
Tgt Ion: 75 Resp: 235788

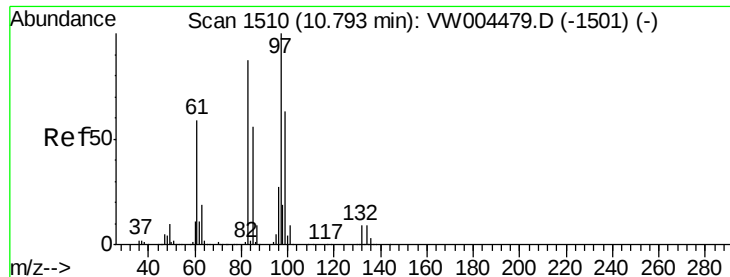
Ion Ratio Lower Upper

75 100

77 31.3 25.3 37.9

39 44.6 34.5 51.7





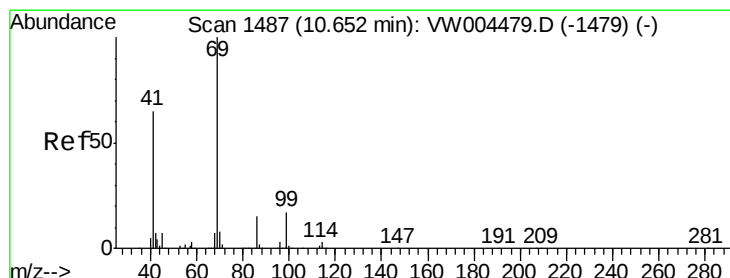
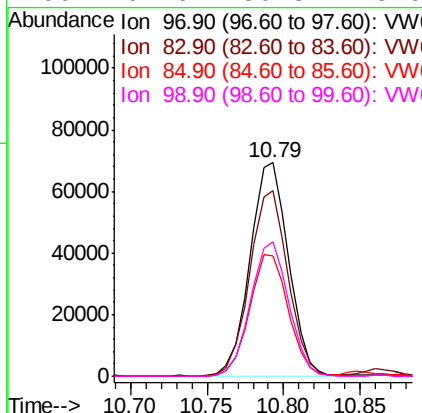
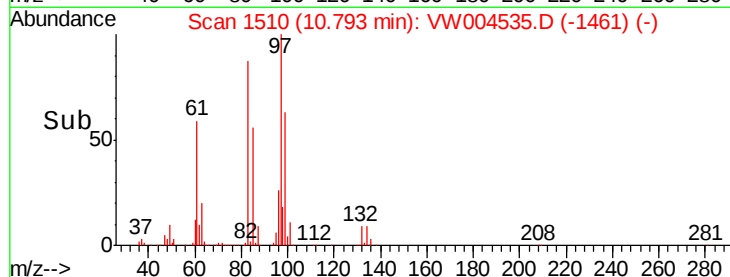
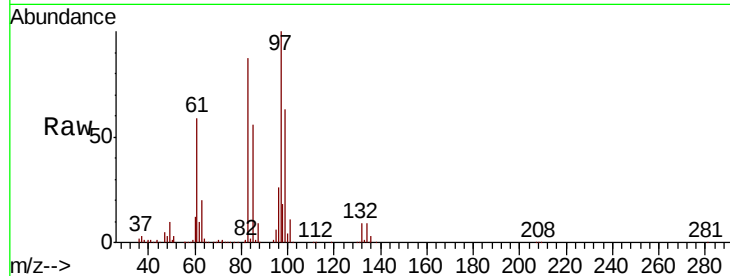
#55
 1,1,2-Trichloroethane
 Concen: 19.13 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBS01

Tot Ion:	97	Resp:	121208
Ion	Ratio	Lower	Upper
97	100		
83	86.9	69.8	104.8
85	56.3	45.1	67.7
99	62.6	50.3	75.5

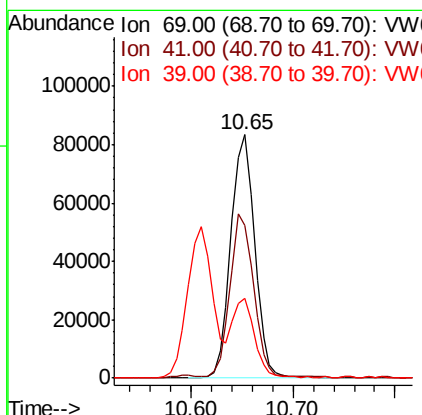
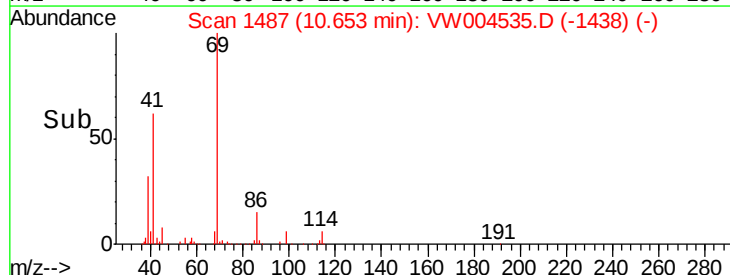
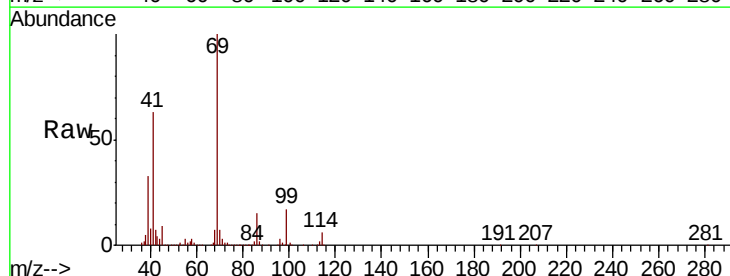
Manual Integrations
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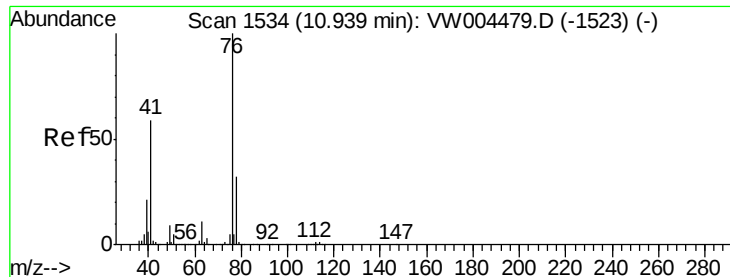
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 8/9/2018 10:23:10 AM



#56
 Ethyl methacrylate
 Concen: 17.87 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

Tgt Ion:	69	Resp:	135529
Ion	Ratio	Lower	Upper
69	100		
41	66.1	52.4	78.6
39	29.4	22.7	34.1





#57

1,3-Dichloropropane

Concen: 19.33 ug/l

RT: 10.93 min Scan# 1533

Delta R.T. -0.01 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

ClientSampled :

VW0810SBS01

Tot Ion: 76 Resp: 211106

Ion Ratio Lower Upper

76 100

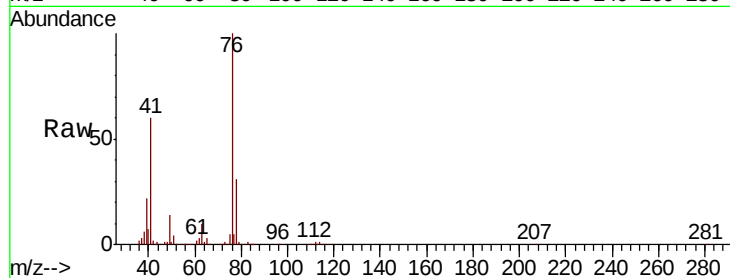
78 32.7 25.7 38.5

Manual Integrations

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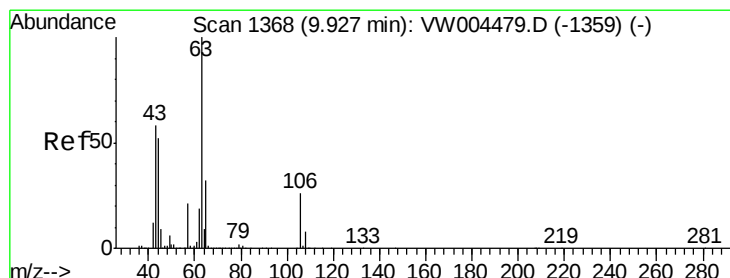
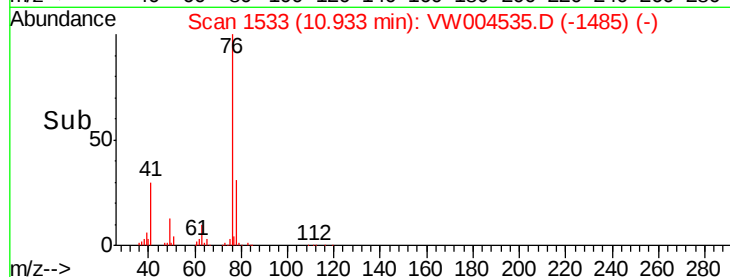
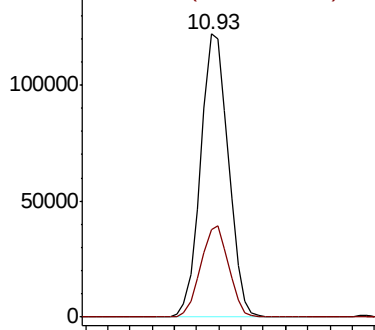
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 93.55 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW004535.D

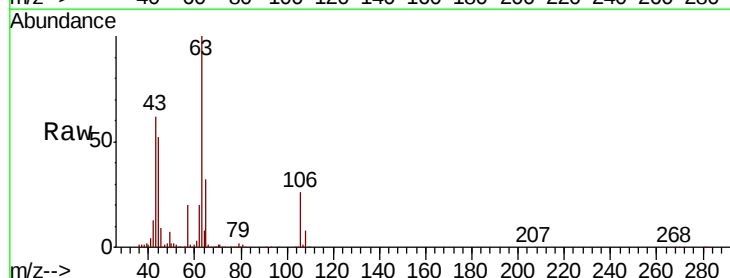
Acq: 08 Aug 2018 19:00

Tgt Ion: 63 Resp: 353439

Ion Ratio Lower Upper

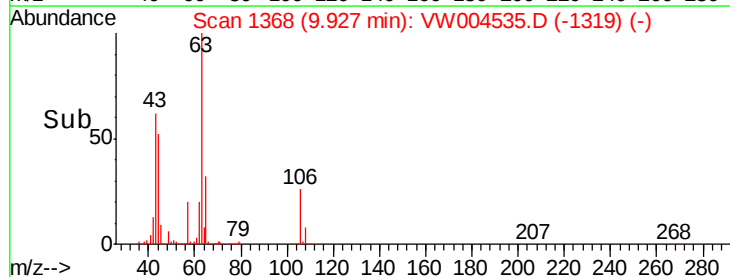
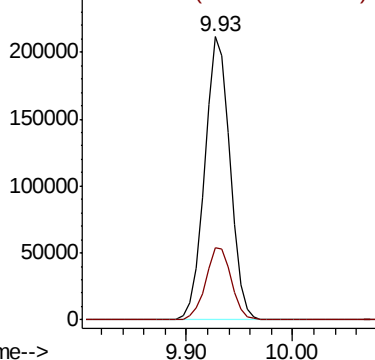
63 100

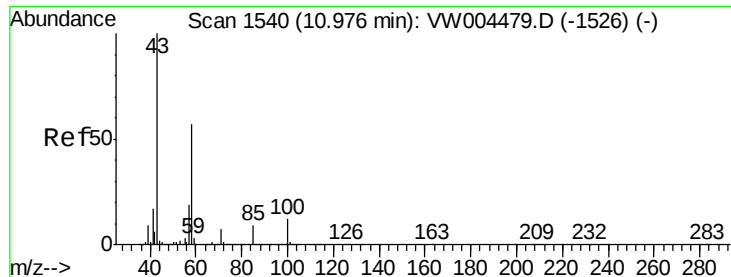
106 25.9 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V





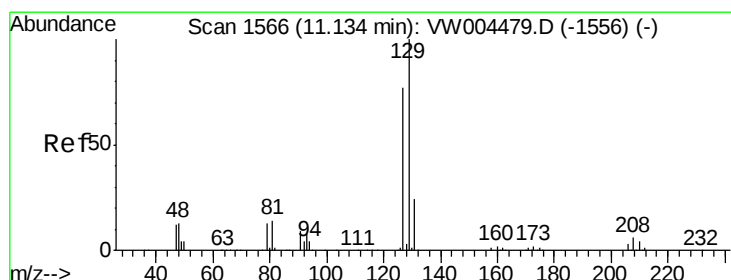
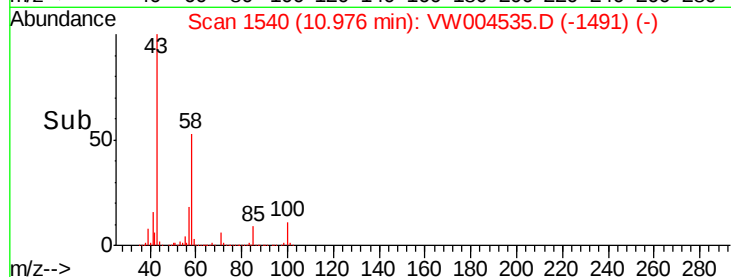
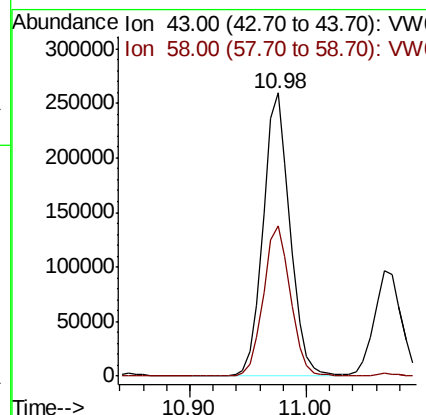
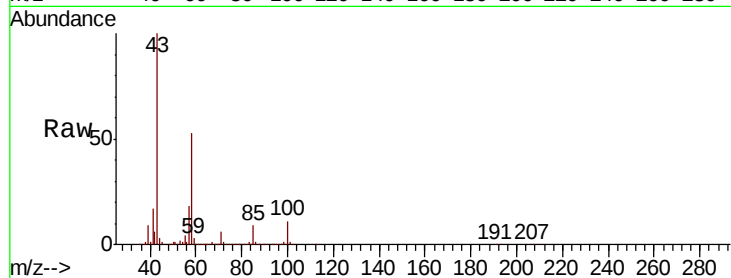
#59
2-Hexanone
Concen: 91.07 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

Instrument :
MSVOA_W
ClientSampleId :
VW0810SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.7	27.9	83.6

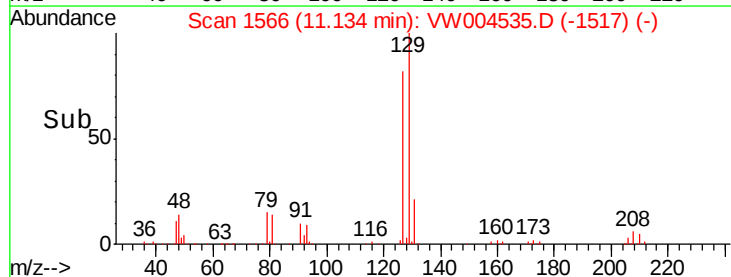
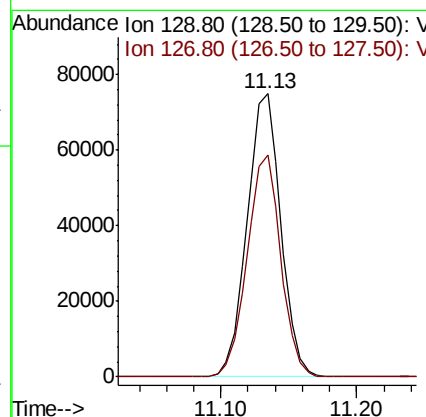
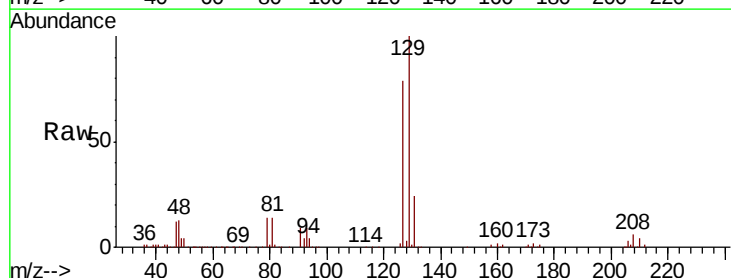
Manual Integrations
APPROVED

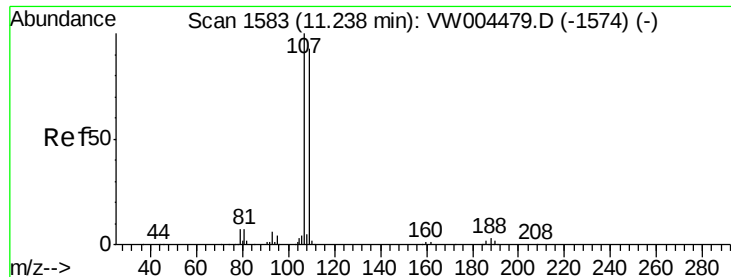
apatel
8/9/2018 10:23:10 AM



#60
Dibromochloromethane
Concen: 18.88 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.0	38.6	115.8





#61

1,2-Dibromoethane

Concen: 18.81 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBS01

Tot Ion: 107 Resp: 111935

Ion Ratio Lower Upper

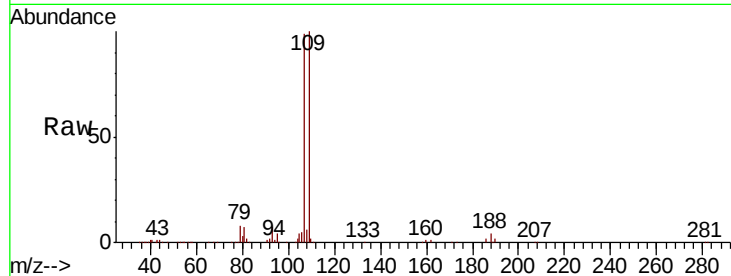
107 100

109 95.2 75.7 113.5

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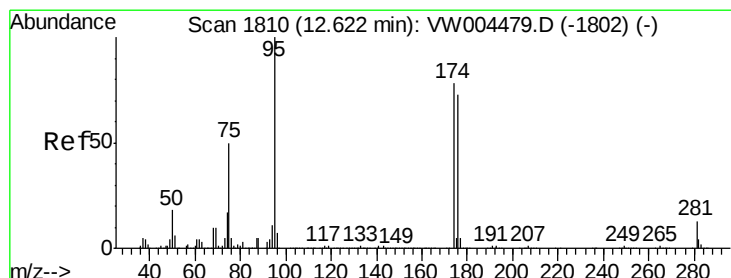
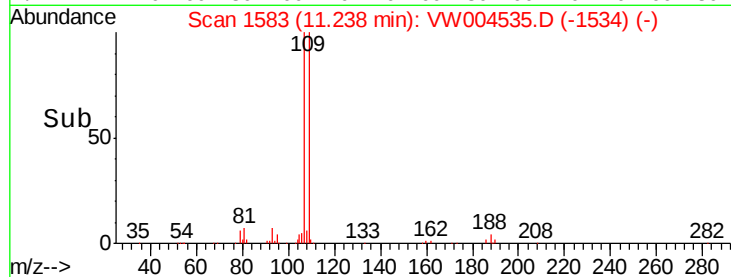
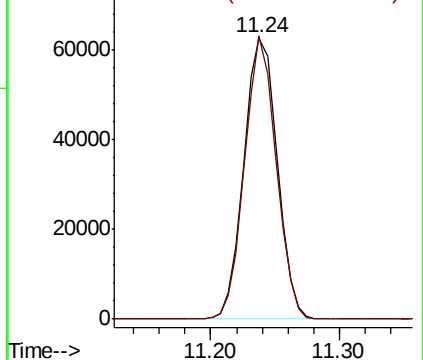
apatel

8/9/2018 10:23:10 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.67 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

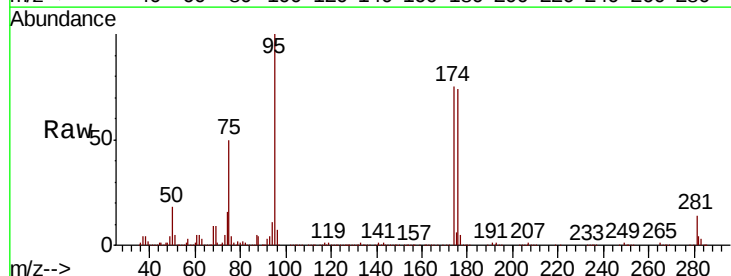
Tgt Ion: 95 Resp: 498688

Ion Ratio Lower Upper

95 100

174 78.6 0.0 160.4

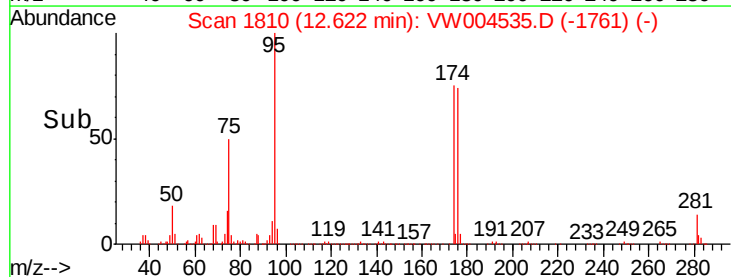
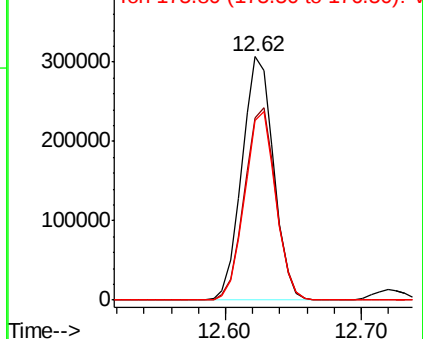
176 76.3 0.0 153.2

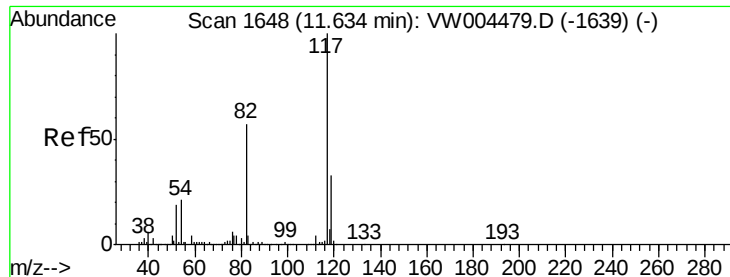


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





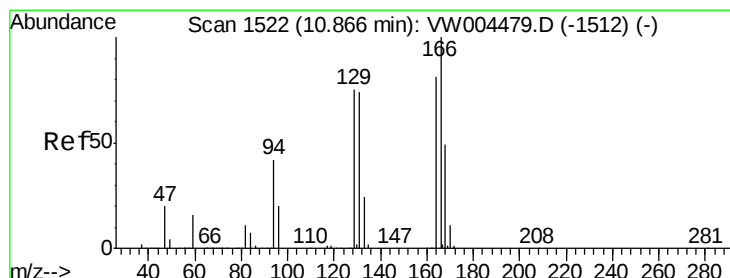
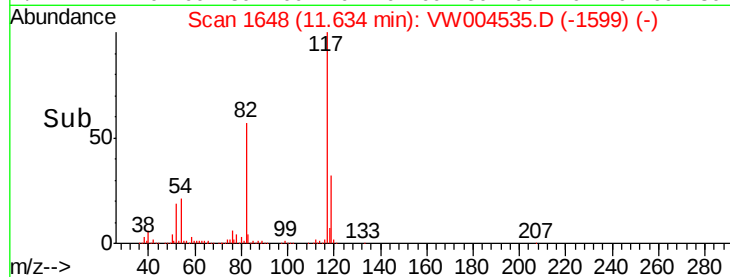
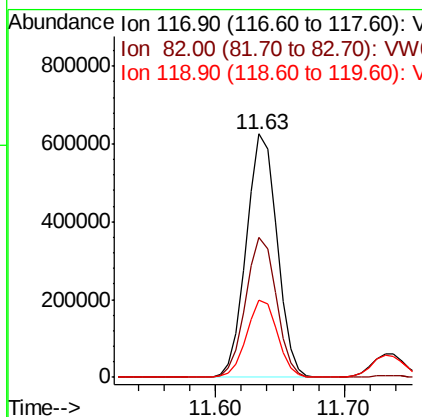
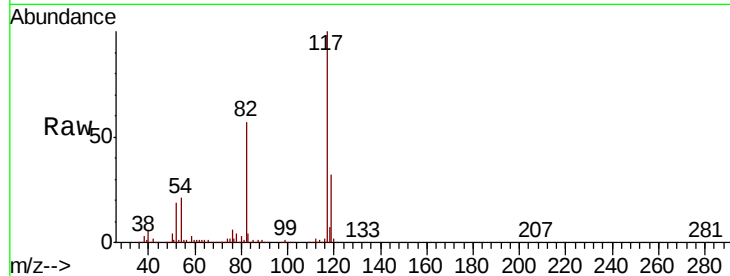
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

Instrument :
MSVOA_W
ClientSampled :
VW0810SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.4	45.3	67.9
119	32.0	26.2	39.4

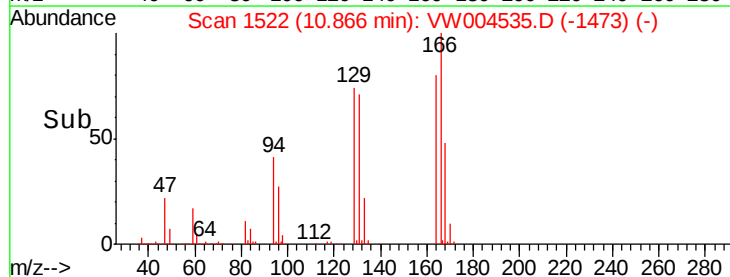
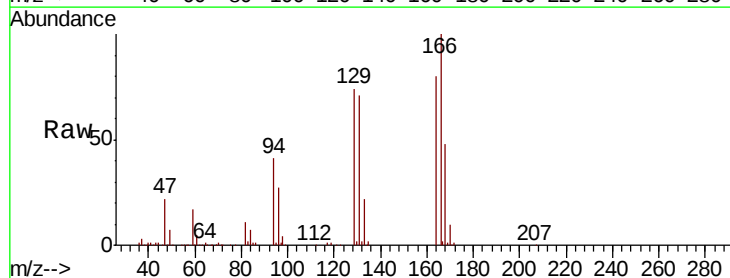
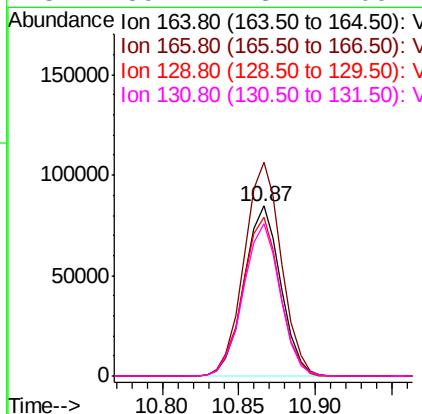
Manual Integrations
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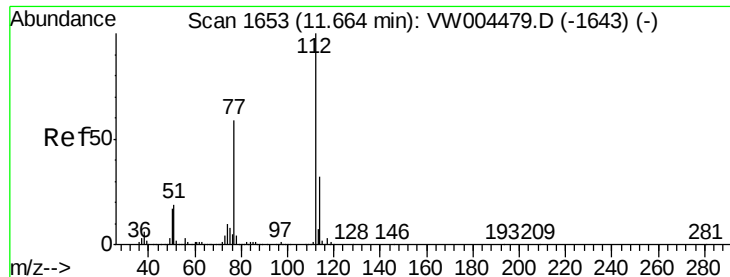
apatel
8/9/2018 10:23:10 AM



#64
Tetrachloroethene
Concen: 19.62 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.8	98.4	147.6
129	93.4	73.6	110.4
131	89.4	73.1	109.7





#65

Chlorobenzene

Concen: 19.74 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

ClientSampled :

VW0810SBS01

Tot Ion:112 Resp: 447716

Ion Ratio Lower Upper

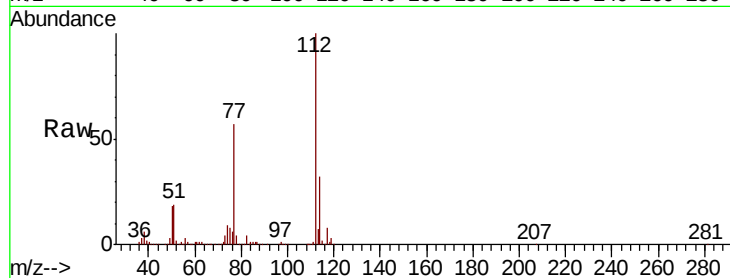
112 100

114 32.2 26.0 39.0

Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.66

250000

200000

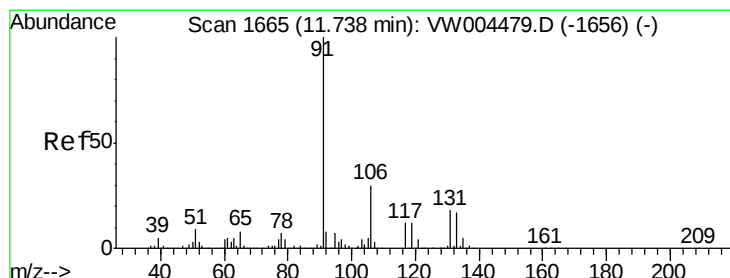
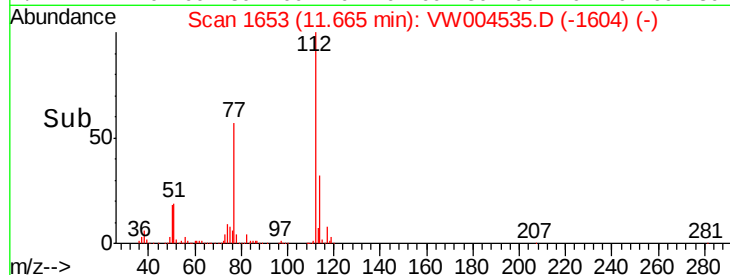
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.43 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. -0.01 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

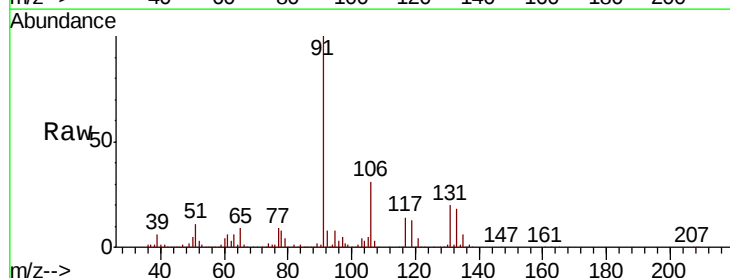
Tgt Ion:131 Resp: 150030

Ion Ratio Lower Upper

131 100

133 95.2 48.1 144.4

119 67.4 33.9 101.7



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

250000

200000

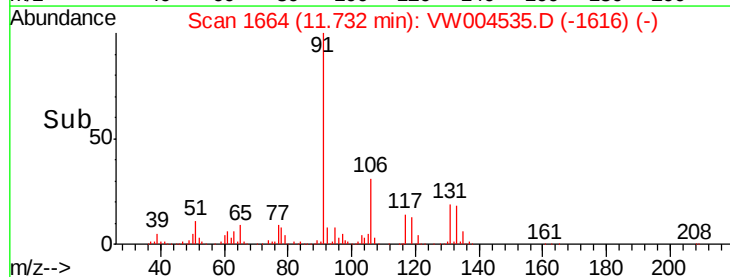
150000

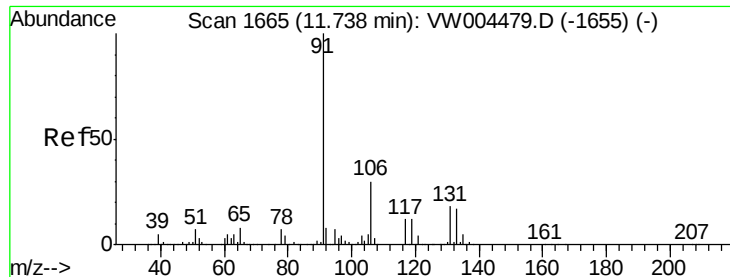
100000

50000

0

Time-->





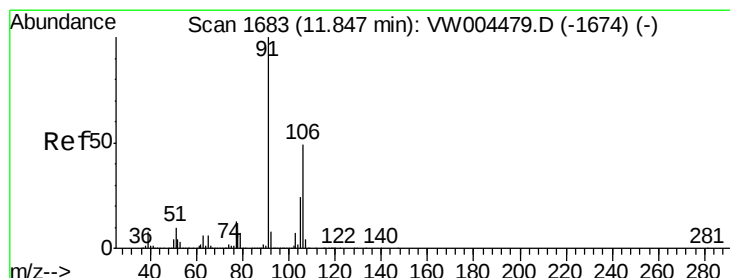
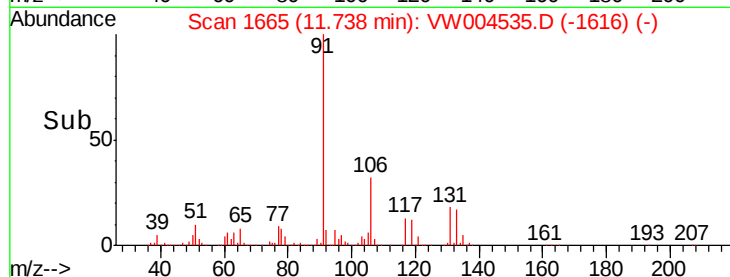
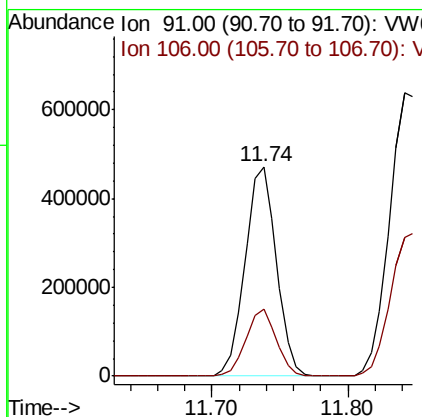
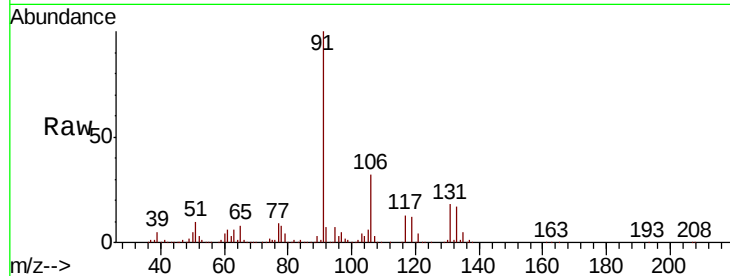
#67
Ethyl Benzene
Concen: 19.78 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

Instrument :
MSVOA_W
ClientSampled :
VW0810SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.1	24.2	36.2

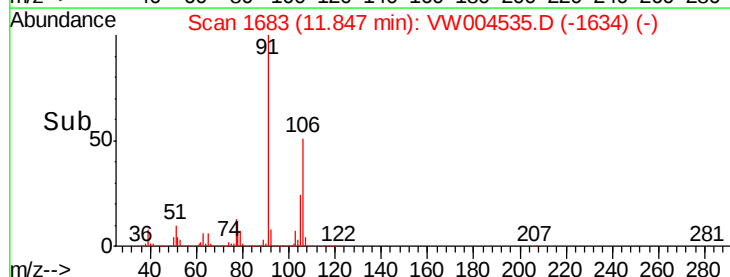
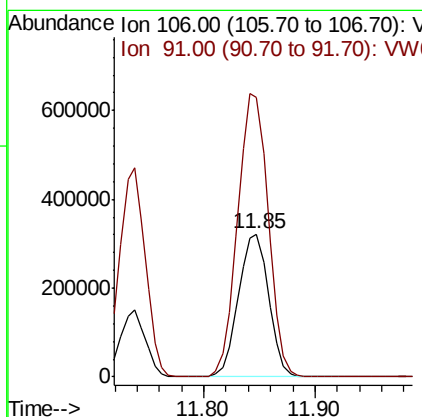
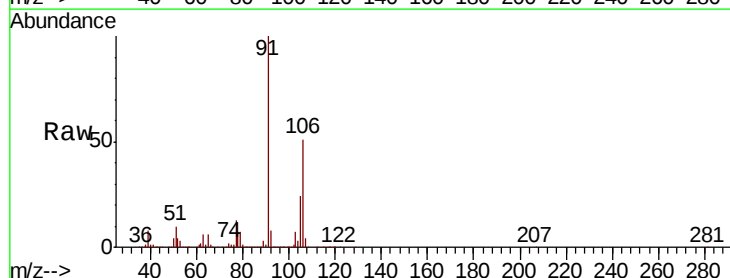
Manual Integrations
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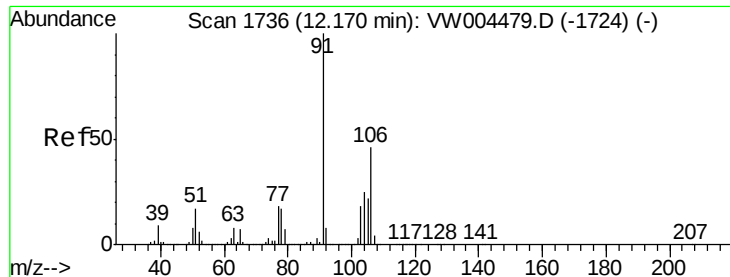
apatel
8/9/2018 10:23:10 AM



#68
m/p-Xylenes
Concen: 40.78 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

Tgt Ion	Ratio	Lower	Upper
106	100		
91	200.4	162.8	244.2





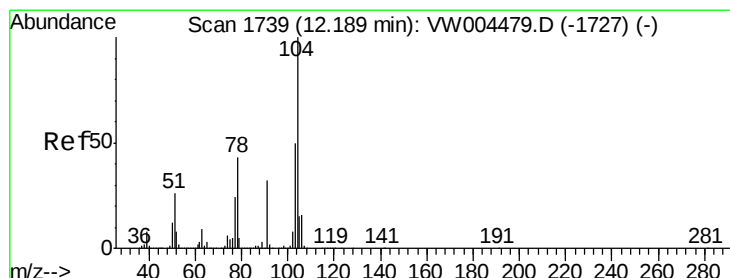
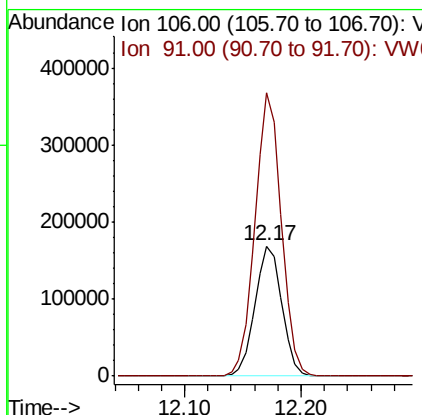
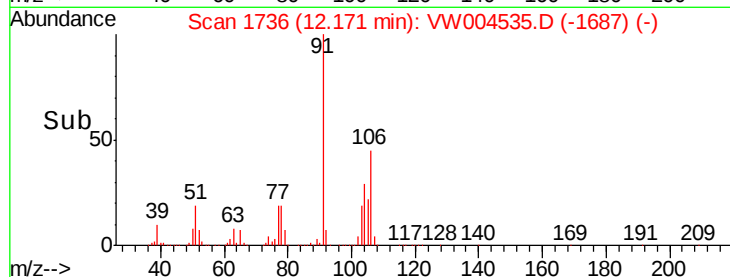
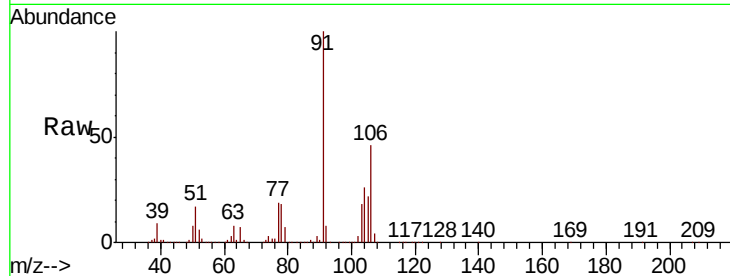
#69
o-Xylene
Concen: 19.77 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

Instrument :
MSVOA_W
ClientSampled :
VW0810SBS01

Tot Ion:106 Resp: 272438
Ion Ratio Lower Upper
106 100
91 213.3 106.7 320.2

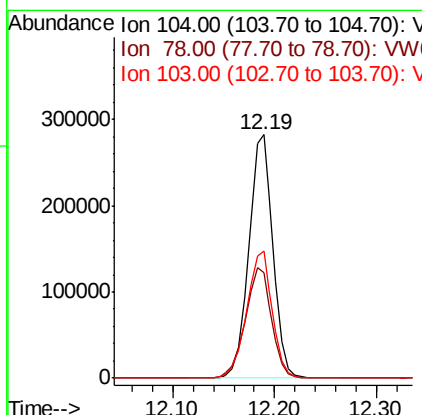
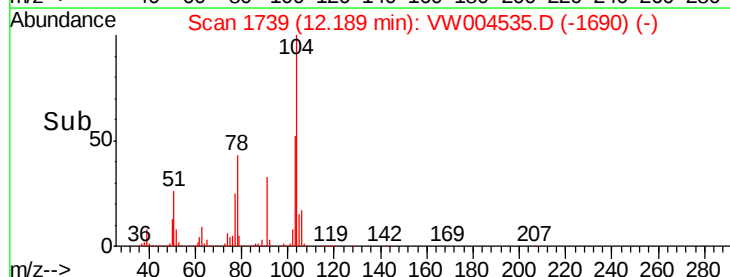
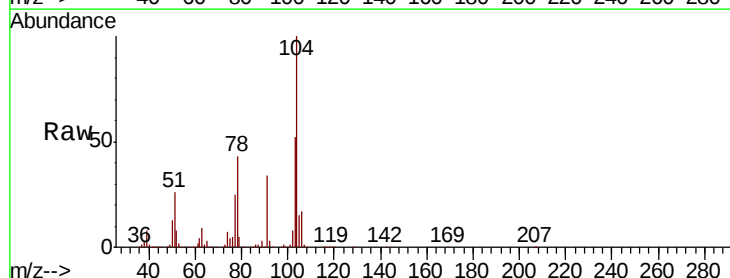
Manual Integrations
APPROVED

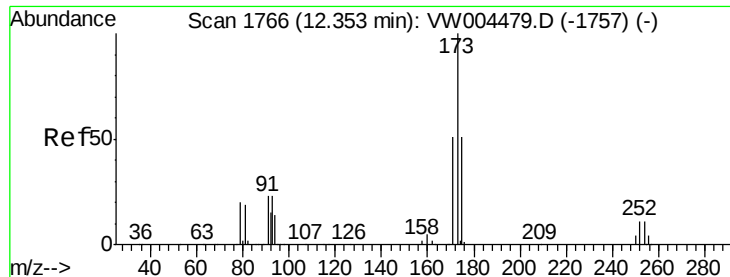
apatel
8/9/2018 10:23:10 AM



#70
Styrene
Concen: 19.95 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

Tgt Ion:104 Resp: 464615
Ion Ratio Lower Upper
104 100
78 49.2 39.0 58.4
103 55.3 44.2 66.2





#71

Bromoform

Concen: 18.72 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

ClientSampled :

VW0810SBS01

Tot Ion:173 Resp: 79497

Ion Ratio Lower Upper

173 100

175 47.4 24.5 73.5

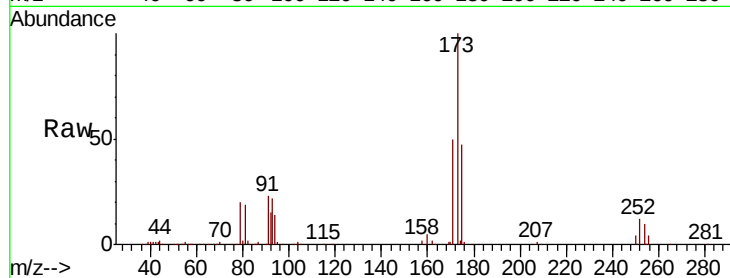
254 0.1 0.2 0.2#

Manual Integrations

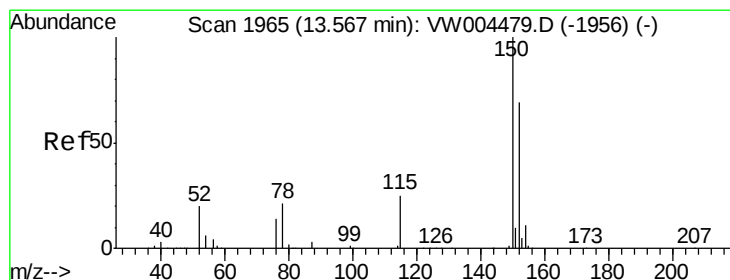
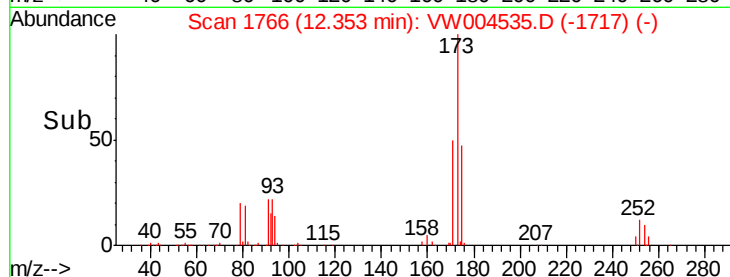
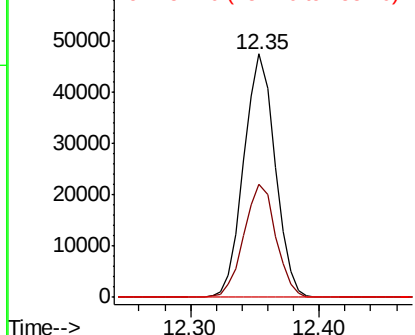
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

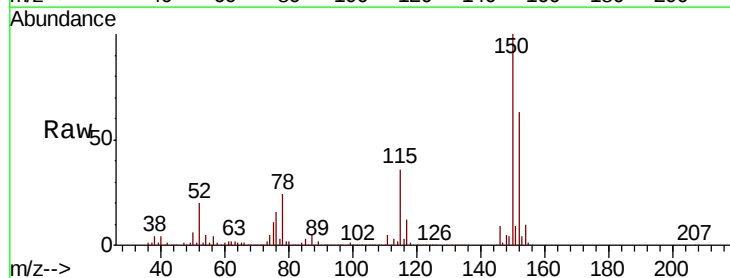
Tgt Ion:152 Resp: 553434

Ion Ratio Lower Upper

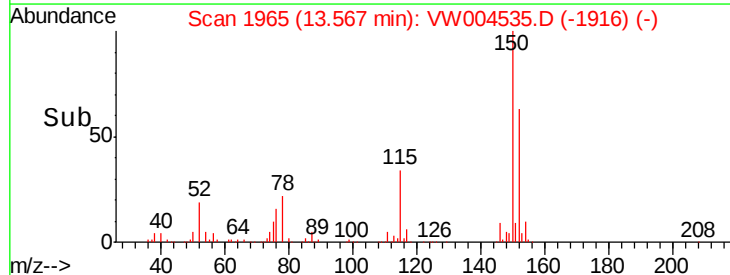
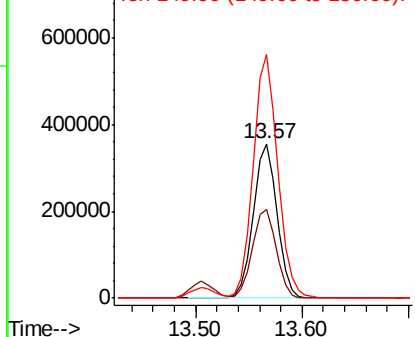
152 100

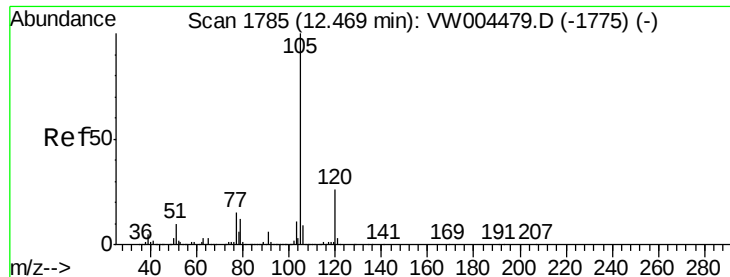
115 58.5 29.1 87.3

150 164.0 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: 19.66 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

ClientSampled :

VW0810SBS01

Tot Ion: 105 Resp: 752754

Ion Ratio Lower Upper

105 100

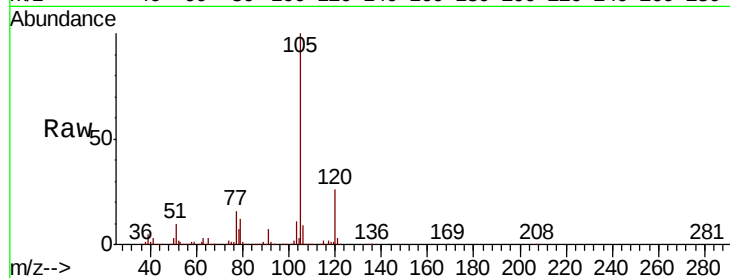
120 26.2 13.2 39.6

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

500000

400000

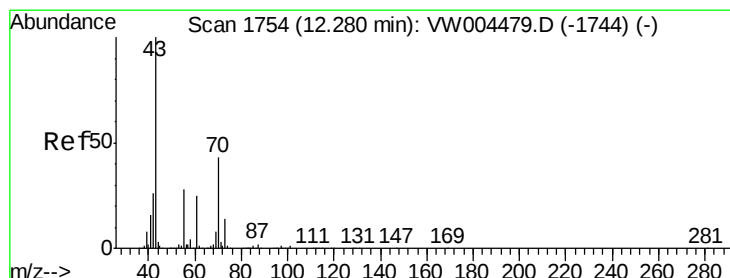
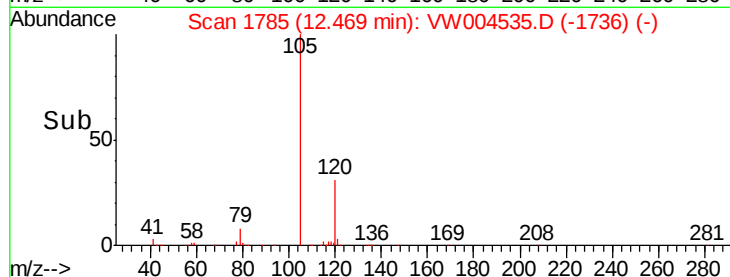
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 18.01 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Tgt Ion: 43 Resp: 167194

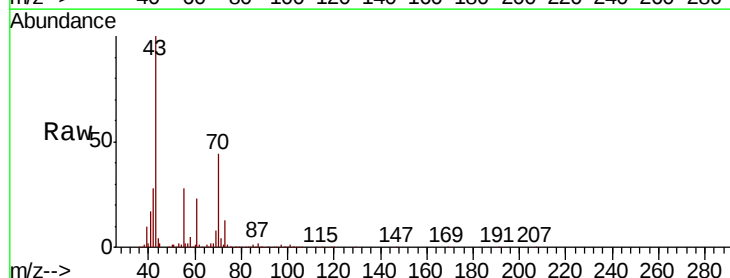
Ion Ratio Lower Upper

43 100

70 43.5 35.3 52.9

55 30.8 22.9 34.3

61 23.0 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

12.28

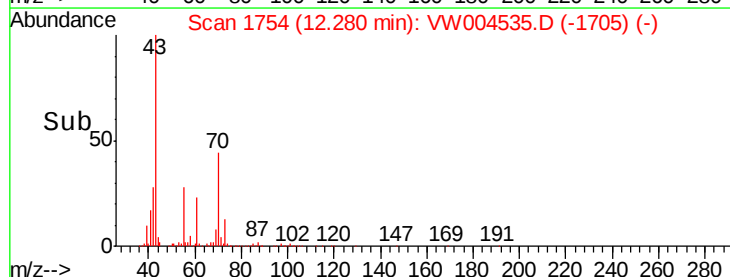
150000

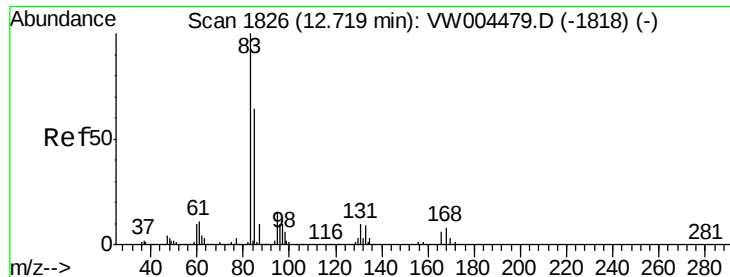
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.03 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

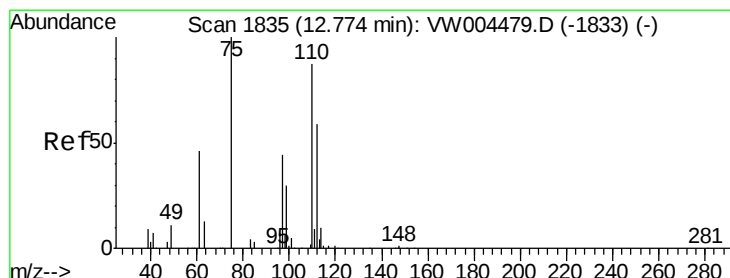
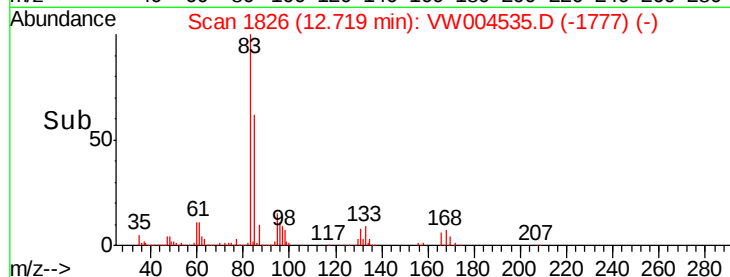
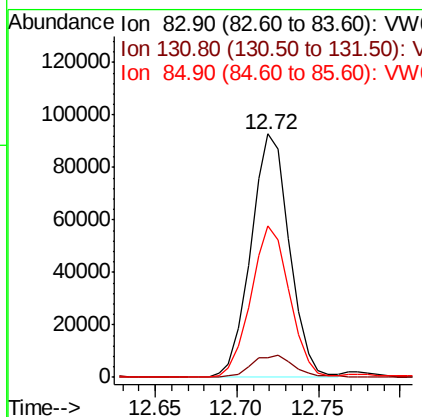
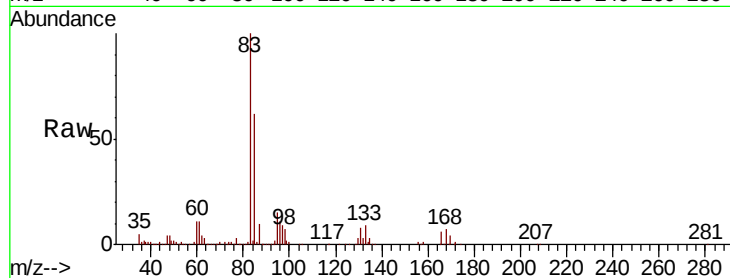
ClientSampled :

VW0810SBS01

Tot Ion:	83	Resp:	152077
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.0	15.0
85	62.2	31.8	95.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.55 ug/l m

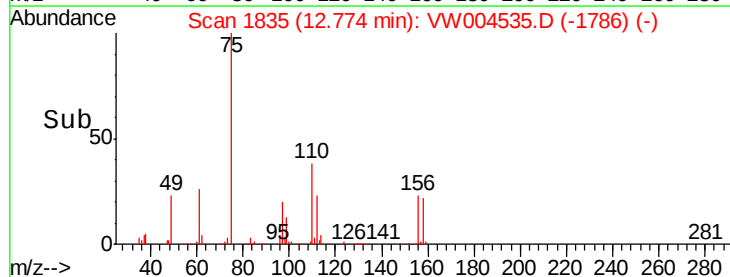
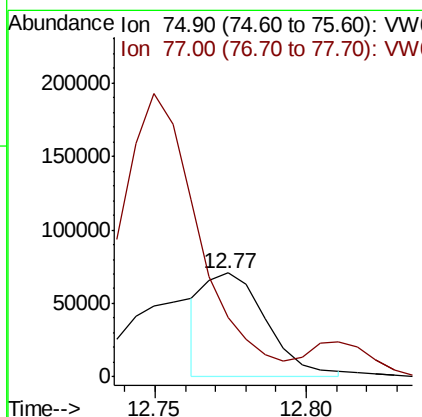
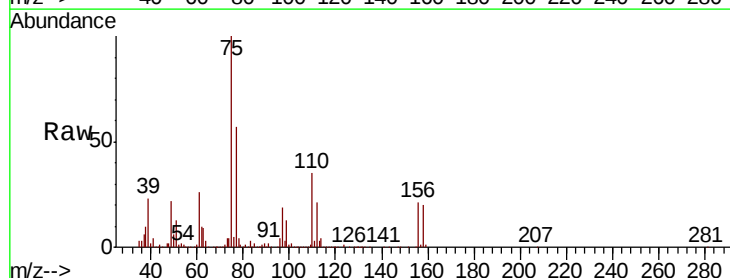
RT: 12.77 min Scan# 1835

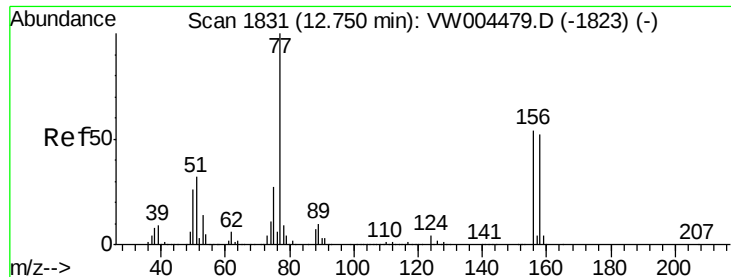
Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Tgt Ion:	75	Resp:	100514
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.61 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

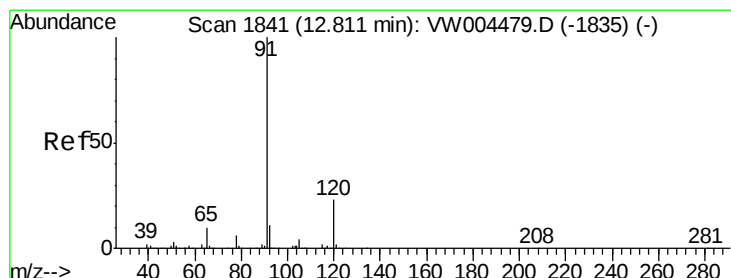
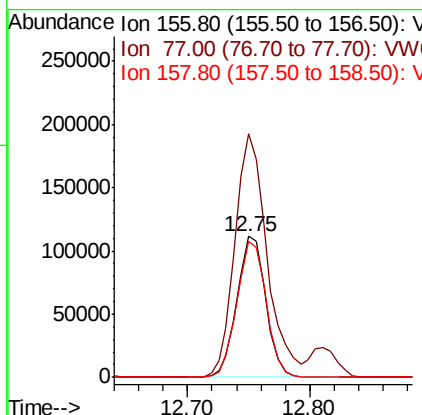
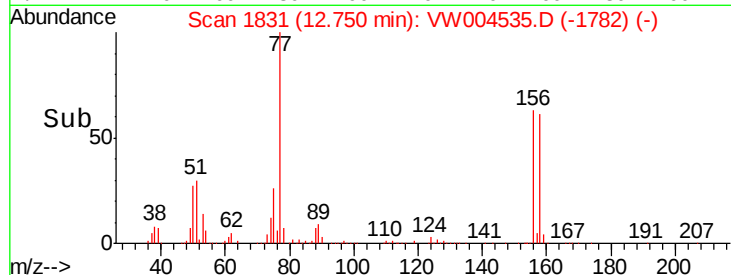
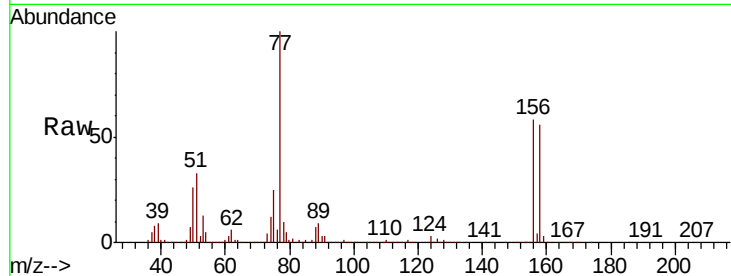
ClientSampled :

VW0810SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	192.1	98.7	296.1
158	97.6	48.7	146.1

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#78

n-propylbenzene

Concen: 20.22 ug/l

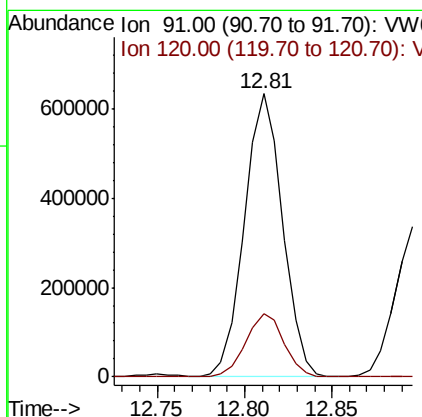
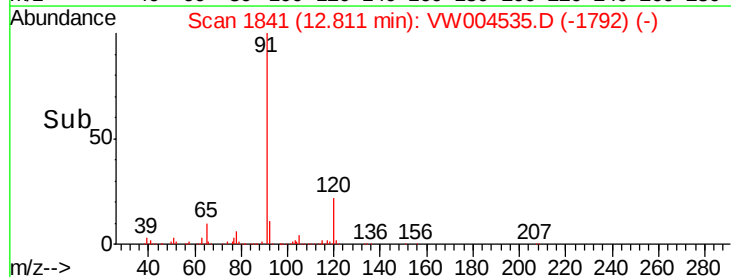
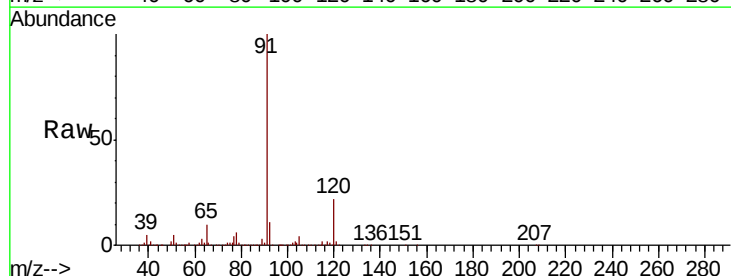
RT: 12.81 min Scan# 1841

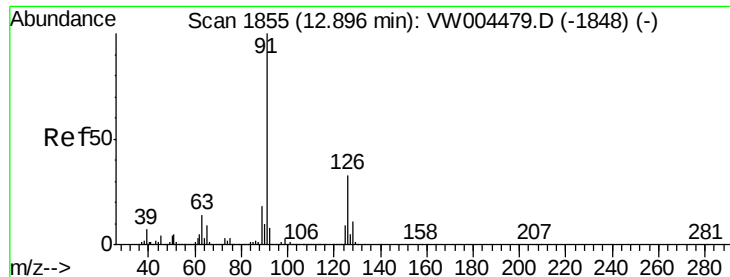
Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.3	33.9





#79

2-Chlorotoluene

Concen: 20.03 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

ClientSampled :

VW0810SBS01

Tot Ion: 91 Resp: 547552

Ion Ratio Lower Upper

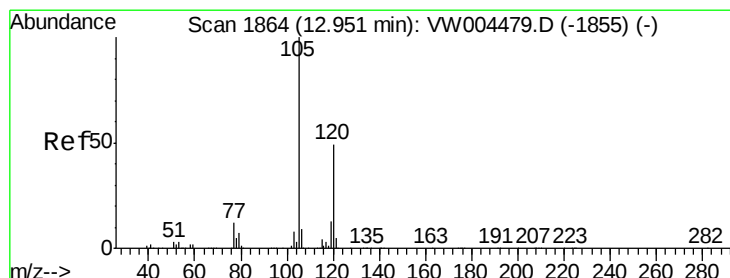
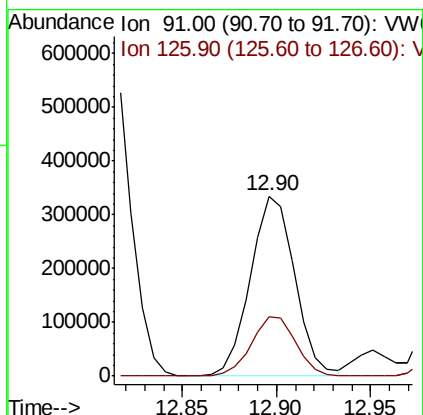
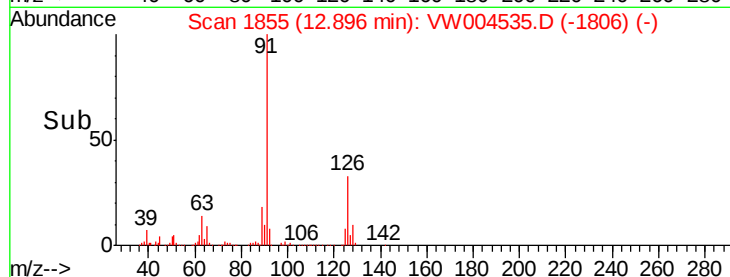
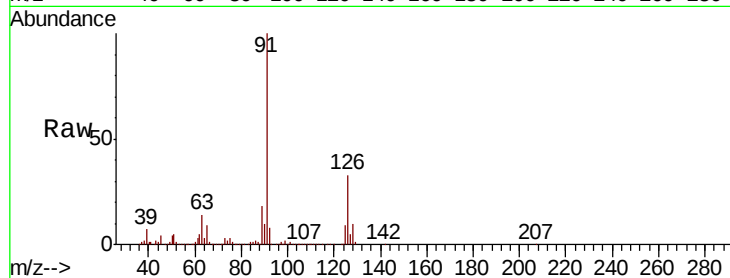
91 100

126 33.1 16.6 49.8

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#80

1,3,5-Trimethylbenzene

Concen: 20.16 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004535.D

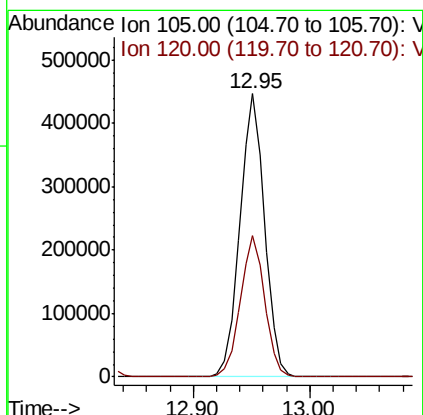
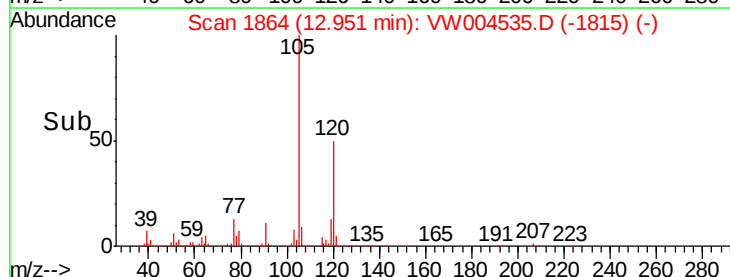
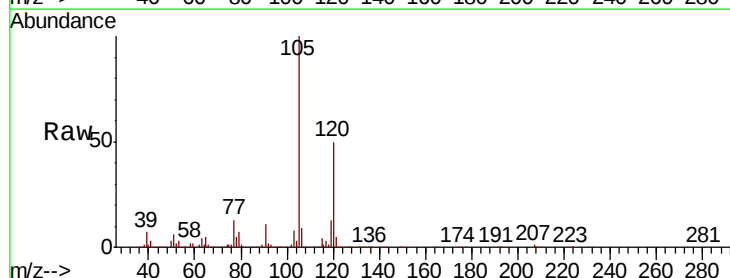
Acq: 08 Aug 2018 19:00

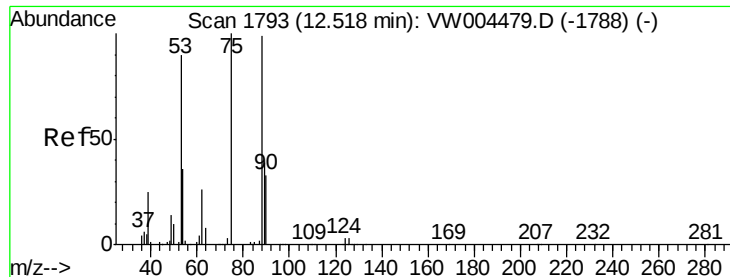
Tgt Ion: 105 Resp: 658413

Ion Ratio Lower Upper

105 100

120 49.1 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.17 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

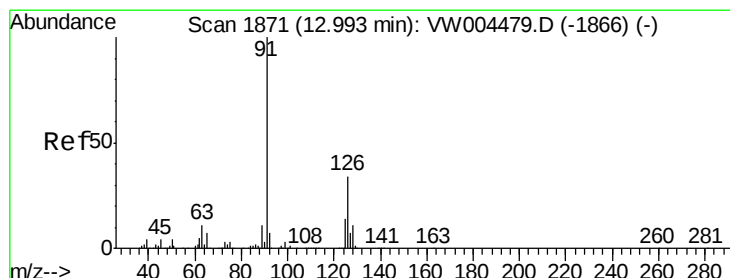
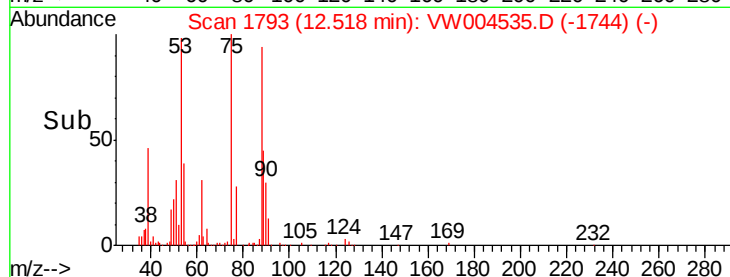
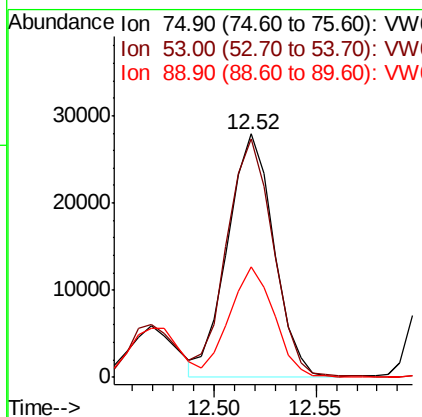
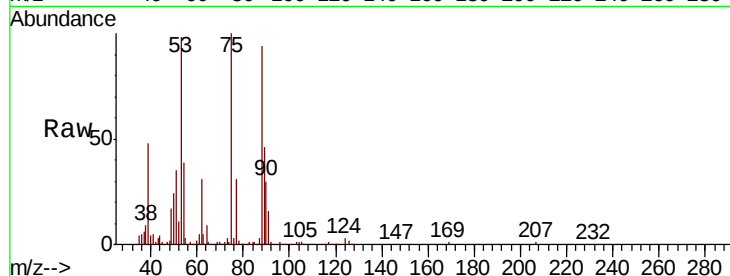
ClientSampleId :

VW0810SBS01

Tot Ion:	75	Resp:	43457
Ion	Ratio	Lower	Upper
75	100		
53	99.9	74.4	111.6
89	44.3	35.9	53.9

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#82

4-Chlorotoluene

Concen: 20.25 ug/l

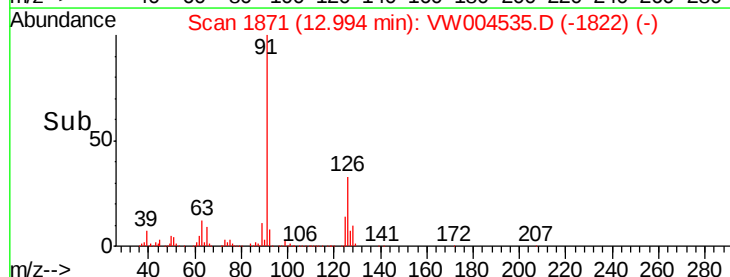
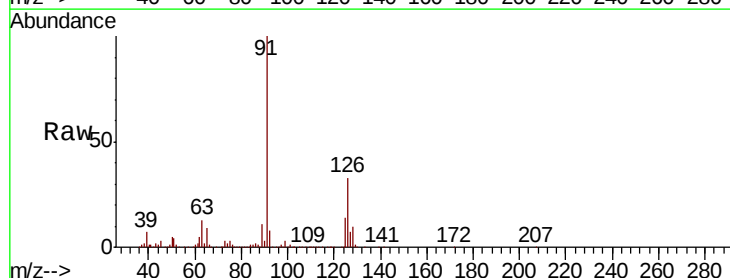
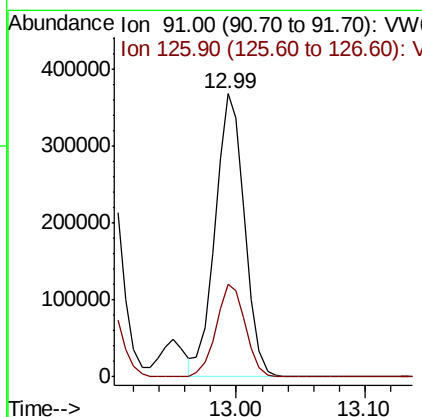
RT: 12.99 min Scan# 1871

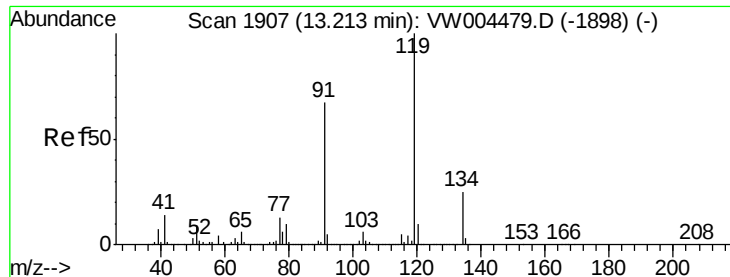
Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Tgt Ion:	91	Resp:	587379
Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.5	49.5





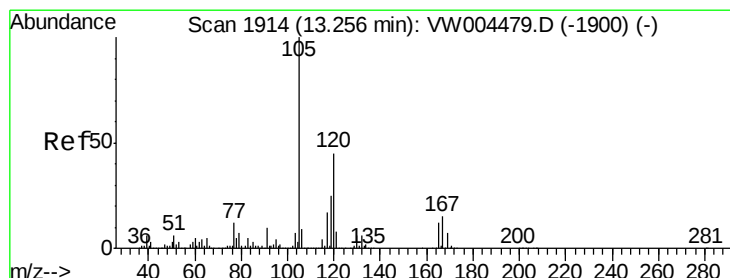
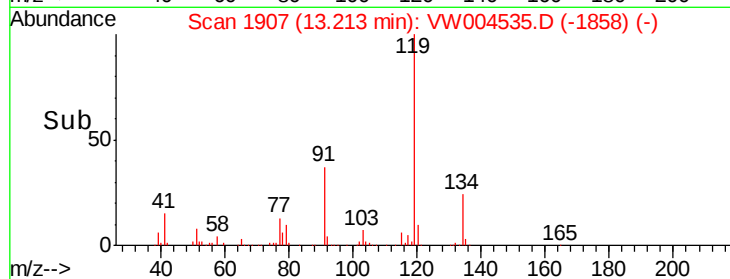
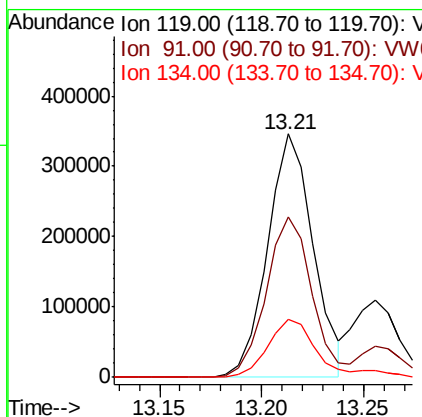
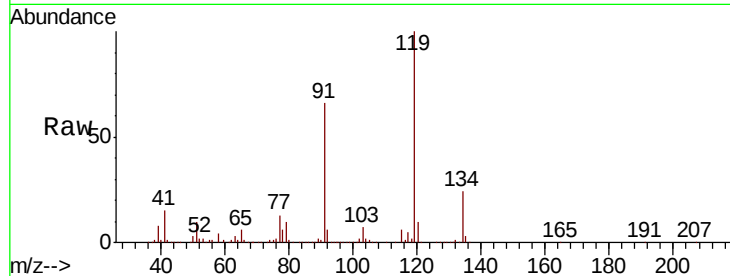
#83
 tert-Butylbenzene
 Concen: 19.72 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

Instrument :
 MSVOA_W
 ClientSampled :
 VW0810SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	540221		
91	66.4	33.3	99.8	
134	26.5	12.2	36.6	

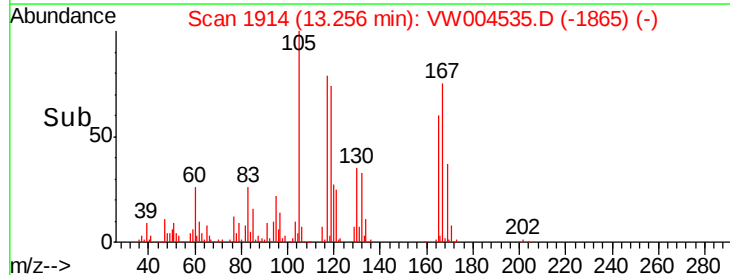
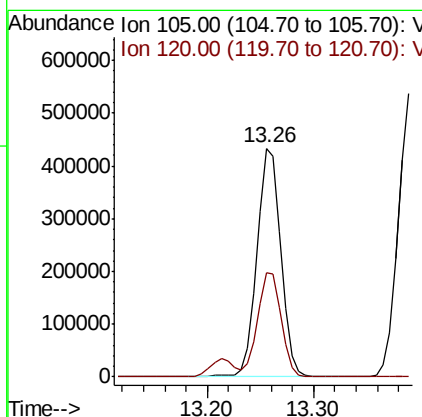
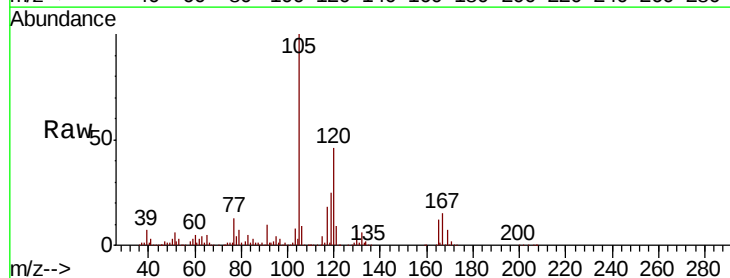
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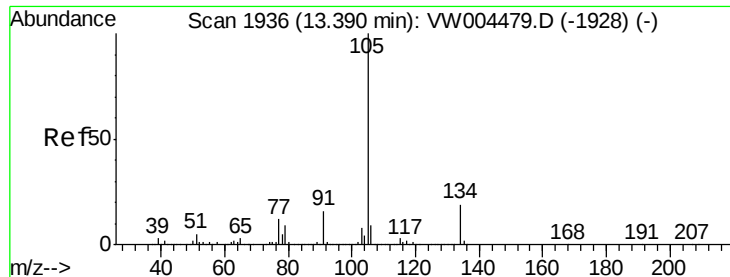
apatel
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.16 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	681439		
120	45.2	22.6	67.8	





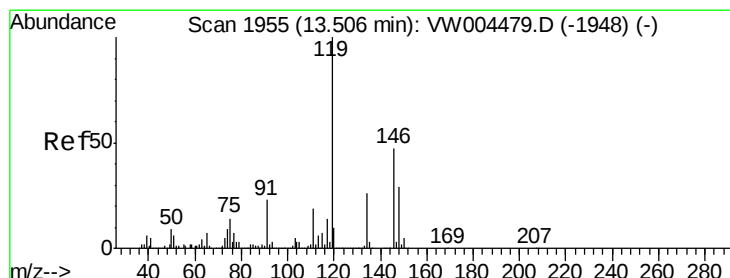
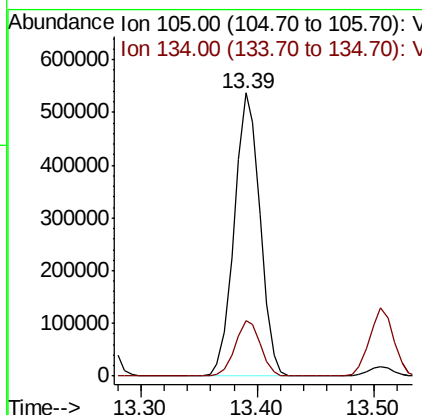
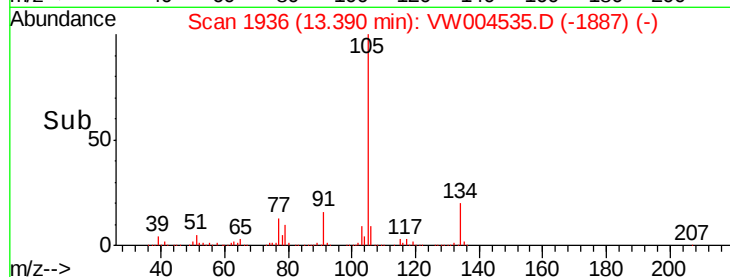
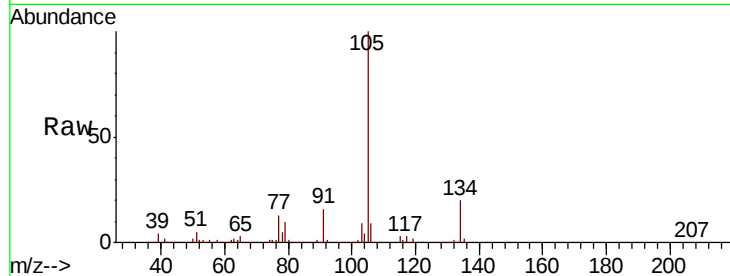
#85
 sec-Butylbenzene
 Concen: 19.98 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.8	29.5

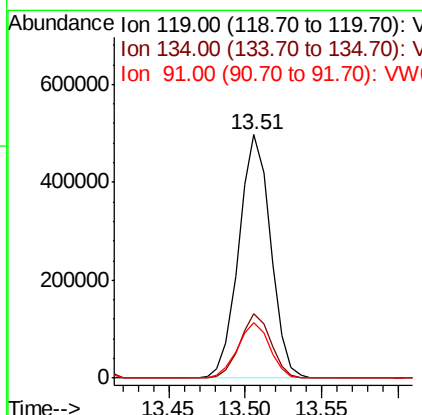
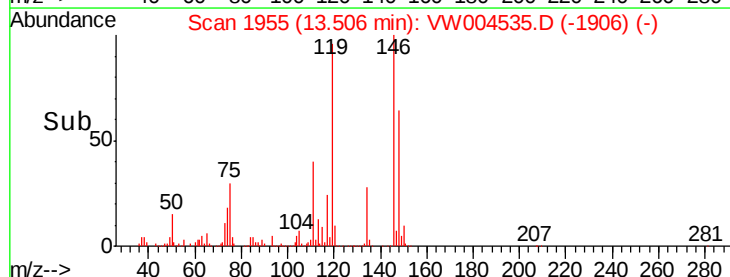
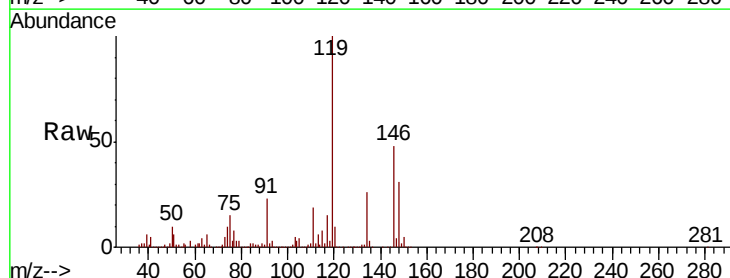
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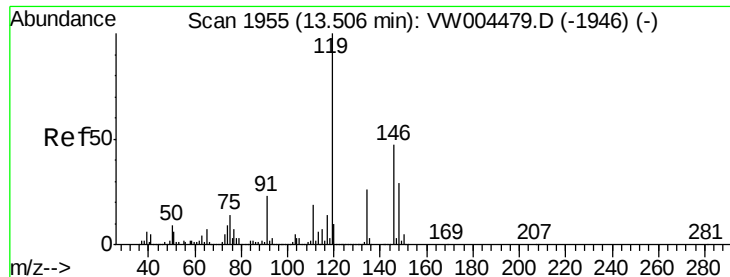
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#86
 p-Isopropyltoluene
 Concen: 20.00 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.1	39.1
91	22.9	11.4	34.1





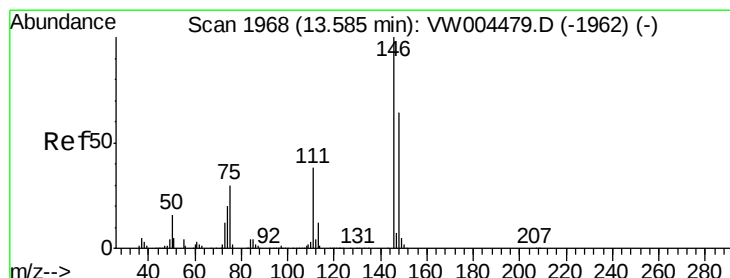
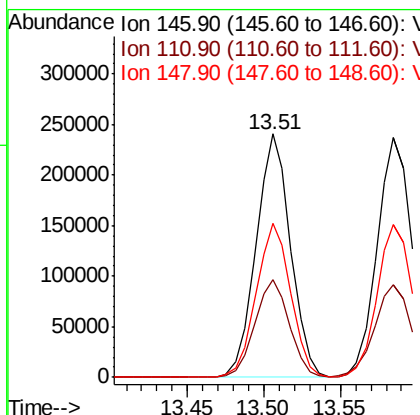
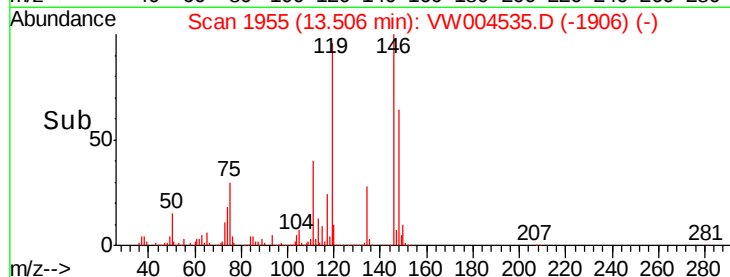
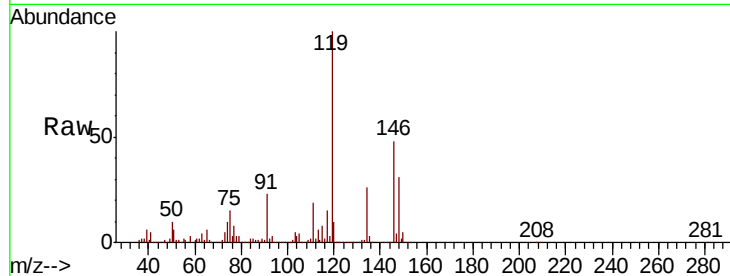
#87
 1,3-Dichlorobenzene
 Concen: 19.76 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.0	59.9
148	63.2	31.7	95.1

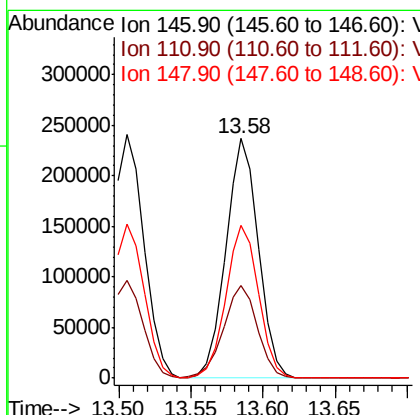
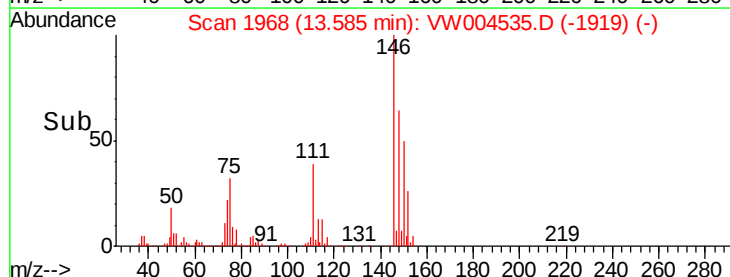
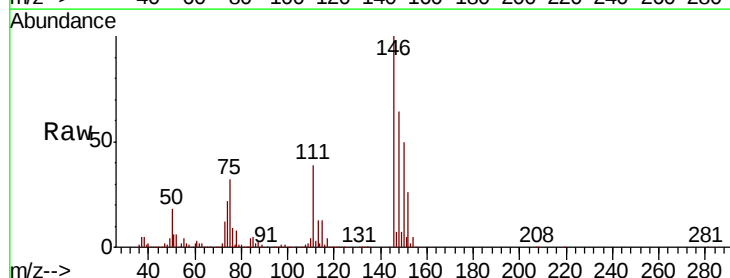
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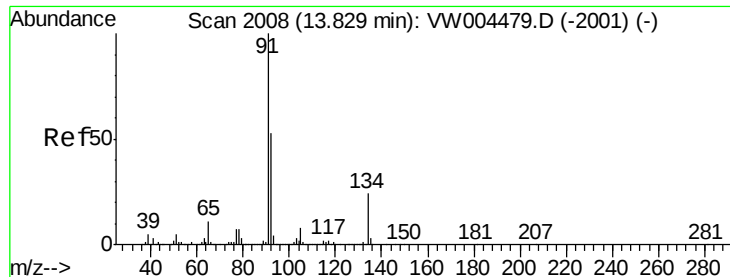
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#88
 1,4-Dichlorobenzene
 Concen: 19.64 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.6	58.8
148	64.1	31.9	95.5





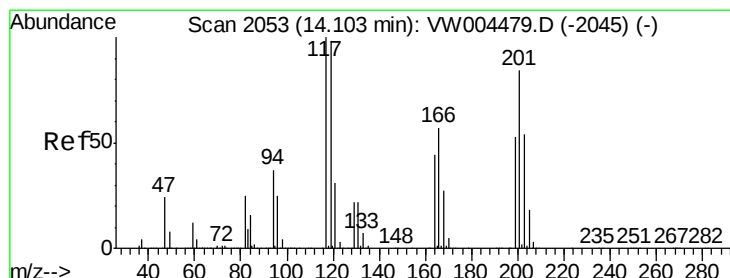
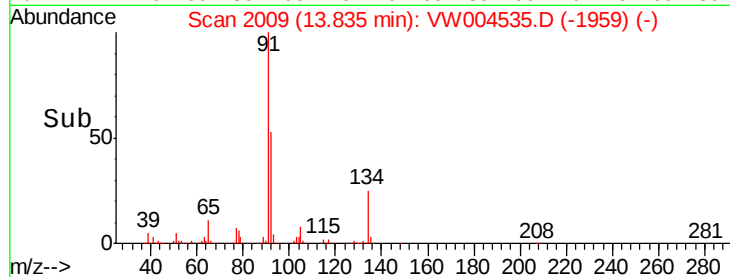
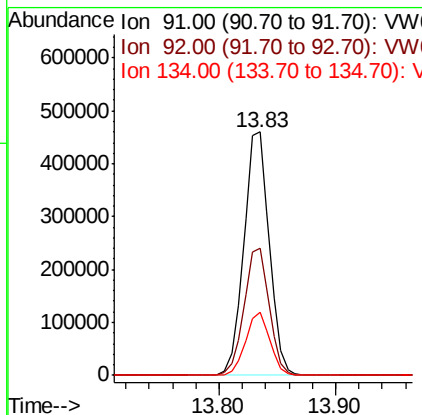
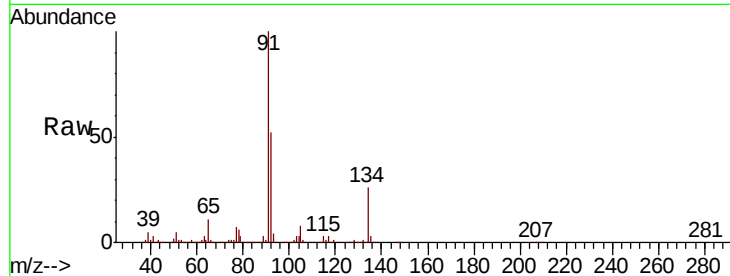
#89
n-Butylbenzene
Concen: 19.89 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.01 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

Instrument :
MSVOA_W
ClientSampled :
VW0810SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	699895		
92	51.8		26.4	79.0
134	24.8		12.4	37.2

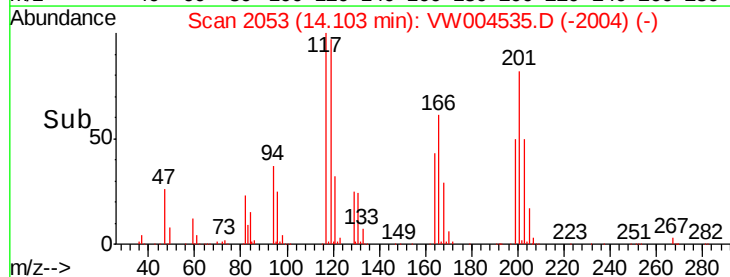
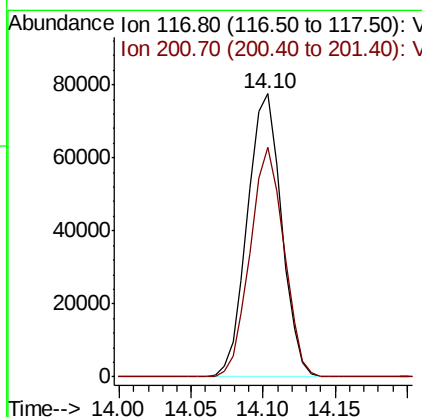
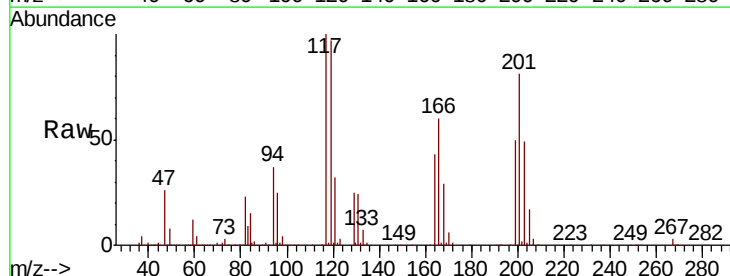
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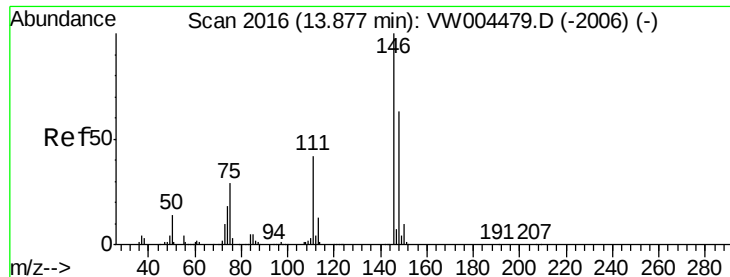
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#90
Hexachloroethane
Concen: 19.15 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	126866		
201	80.5		40.1	120.3





#91

1,2-Dichlorobenzene

Concen: 19.51 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Instrument :

MSVOA_W

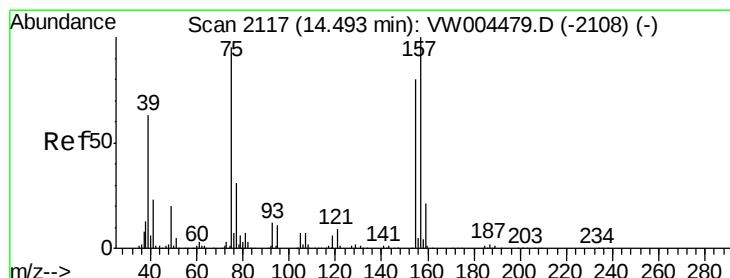
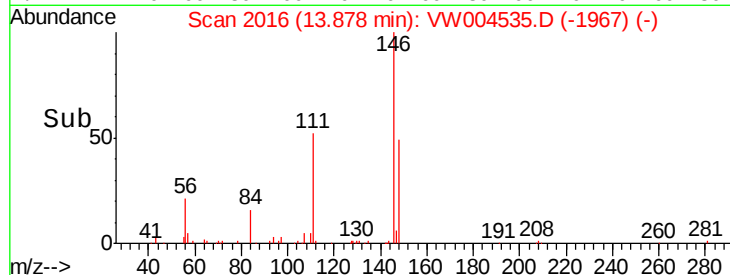
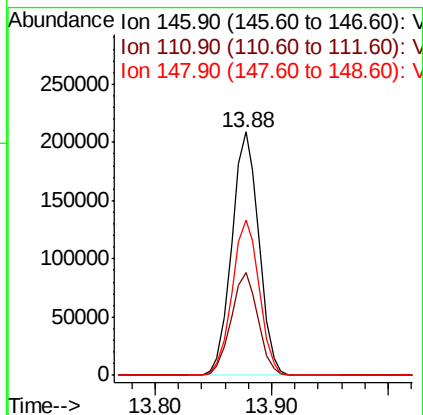
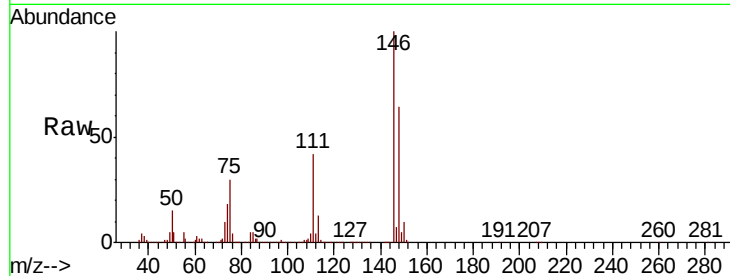
ClientSampled :

VW0810SBS01

Tot Ion:	146	Resp:	337769
Ion Ratio	Lower	Upper	
146	100		
111	41.9	20.8	62.2
148	63.9	31.8	95.4

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#92

1,2-Dibromo-3-Chloropropane

Concen: 18.33 ug/l

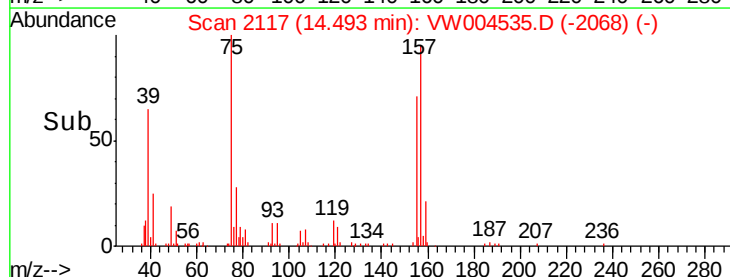
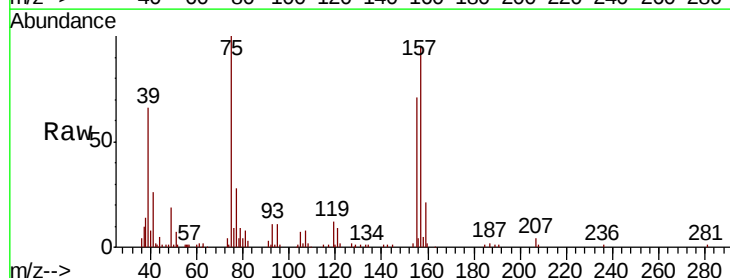
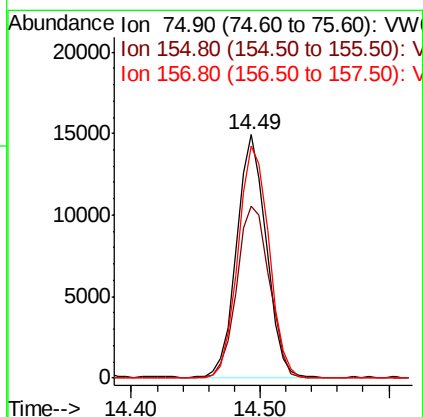
RT: 14.49 min Scan# 2117

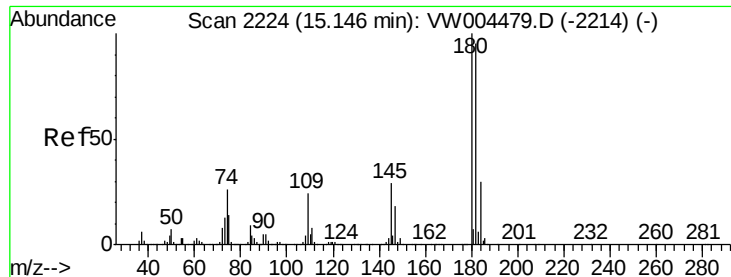
Delta R.T. 0.00 min

Lab File: VW004535.D

Acq: 08 Aug 2018 19:00

Tgt Ion:	75	Resp:	23930
Ion Ratio	Lower	Upper	
75	100		
155	77.4	41.3	123.7
157	98.3	52.6	157.8





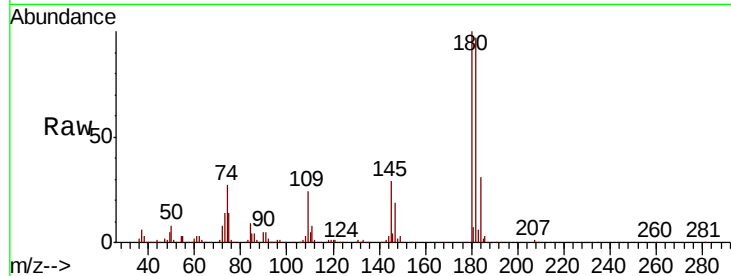
#93
 1,2,4-Trichlorobenzene
 Concen: 19.44 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBS01

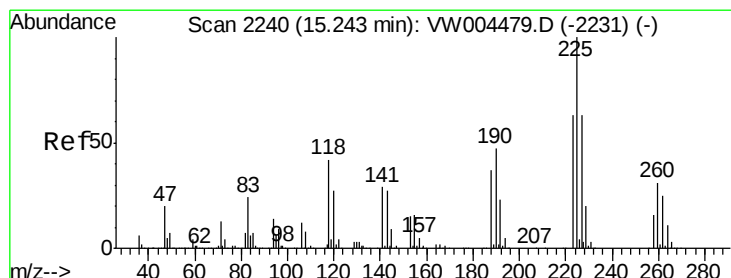
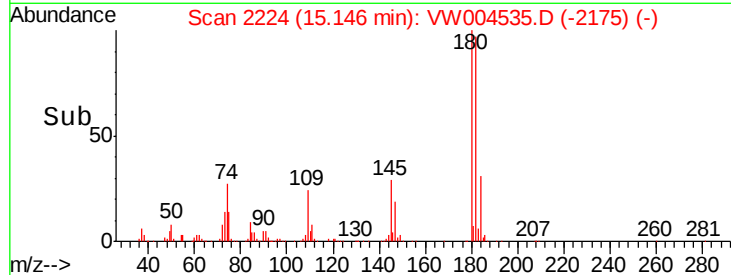
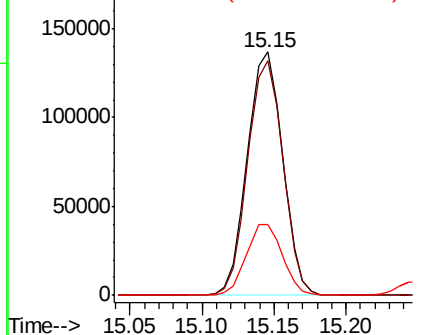
Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.7	47.9	143.6	
145	29.8	14.9	44.9	

Manual Integrations
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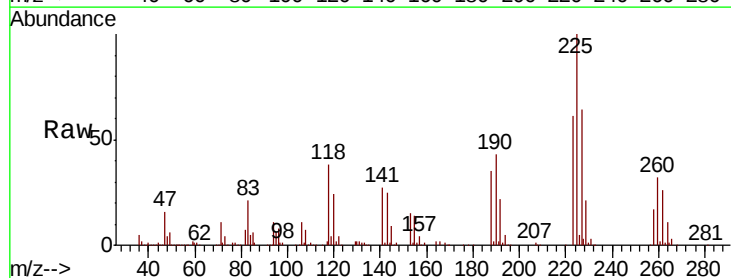


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

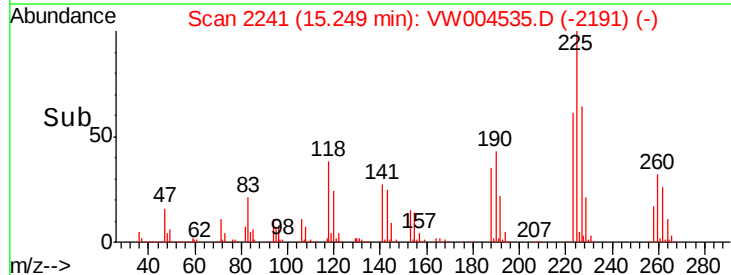
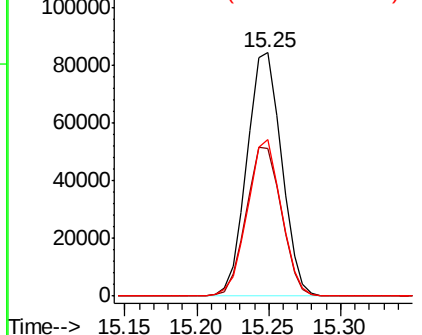


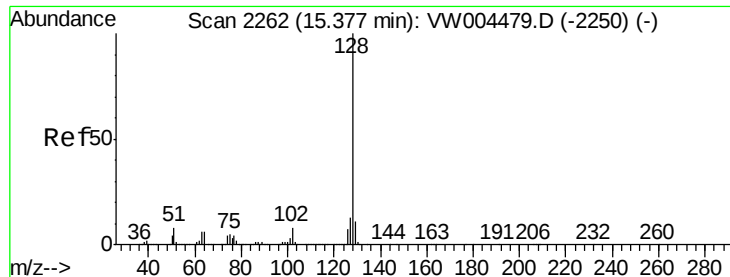
#94
 Hexachlorobutadiene
 Concen: 20.15 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.01 min
 Lab File: VW004535.D
 Acq: 08 Aug 2018 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.2	31.3	93.8	
227	62.7	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





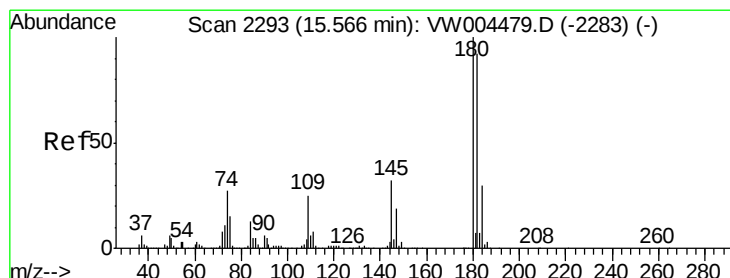
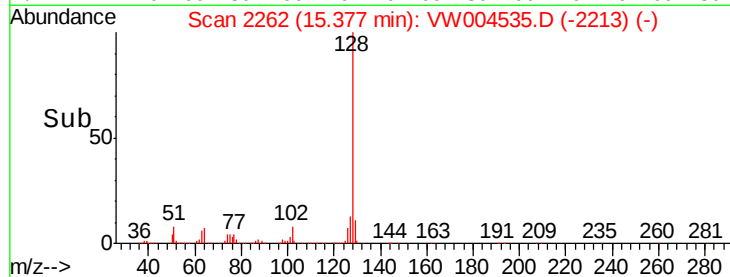
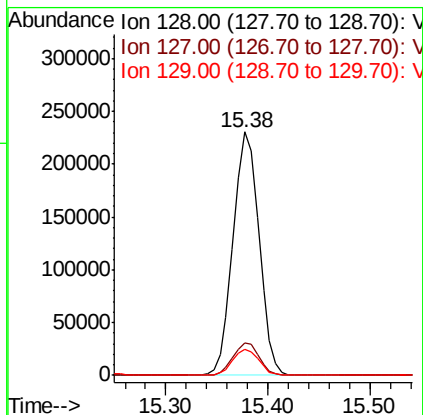
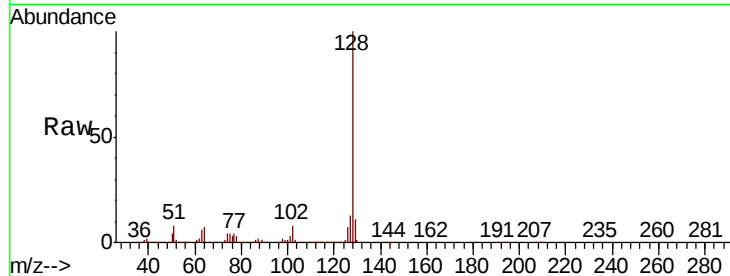
#95
Naphthalene
Concen: 18.39 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

Instrument :
MSVOA_W
ClientSampleId :
VW0810SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.3	15.5
129	10.9	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.47 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004535.D
Acq: 08 Aug 2018 19:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.0	141.2
145	31.5	15.9	47.6

