

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080618\
 Data File : VW004483.D
 Acq On : 06 Aug 2018 21:19
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW080618

Manual Integrations
 APPROVED

apatel
 8/7/2018 4:49:19 PM

Quant Time: Aug 07 08:42:30 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	767915	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1191795	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1131997	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	591859	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	407593	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
35) Dibromofluoromethane	7.88	113	391897	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
50) Toluene-d8	10.33	98	1547879	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
62) 4-Bromofluorobenzene	12.62	95	574337	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	246952	46.86	ug/l	98
3) Chloromethane	2.22	50	353679	48.17	ug/l	98
4) Vinyl Chloride	2.37	62	476084	46.42	ug/l	99
5) Bromomethane	2.78	94	285231	47.76	ug/l	96
6) Chloroethane	2.93	64	297444	48.54	ug/l	99
7) Trichlorofluoromethane	3.25	101	179660	47.43	ug/l	99
8) Diethyl Ether	3.68	74	233159	48.66	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	394947	47.21	ug/l	98
10) Methyl Iodide	4.27	142	614497	48.95	ug/l	99
11) Tert butyl alcohol	5.21	59	126370	253.90	ug/l	98
12) 1,1-Dichloroethene	4.04	96	398151	47.28	ug/l	99
13) Acrolein	3.89	56	146591	240.38	ug/l	98
14) Allyl chloride	4.66	41	628043	49.64	ug/l	98
15) Acrylonitrile	5.37	53	518244	243.37	ug/l	100
16) Acetone	4.14	43	521945	245.87	ug/l	98
17) Carbon Disulfide	4.38	76	1294542	47.83	ug/l	99
18) Methyl Acetate	4.67	43	252755	47.75	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	584174	50.86	ug/l	99
20) Methylene Chloride	4.92	84	593062	58.75	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	439129	48.39	ug/l	100
22) Diisopropyl ether	6.31	45	1332764	51.26	ug/l	99
23) Vinyl Acetate	6.26	43	4032302	258.04	ug/l	99
24) 1,1-Dichloroethane	6.21	63	800819	48.12	ug/l	98
25) 2-Butanone	7.18	43	817151	239.29	ug/l	99
26) 2,2-Dichloropropane	7.17	77	388246	44.45	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	485036	49.68	ug/l	99
28) Bromochloromethane	7.51	49	366301	50.59	ug/l	99
29) Tetrahydrofuran	7.54	42	443803	251.39	ug/l	99
30) Chloroform	7.68	83	781136	47.79	ug/l	99
31) Cyclohexane	7.96	56	753180	47.30	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	583028	47.48	ug/l	99
36) 1,1-Dichloropropene	8.08	75	628055	48.94	ug/l	100
37) Ethyl Acetate	7.26	43	290417	48.32	ug/l	99
38) Carbon Tetrachloride	8.07	117	553324	47.92	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	787669	50.08	ug/l	98
40) Benzene	8.33	78	1804876	47.90	ug/l	99
41) Methacrylonitrile	7.49	41	167906	50.02	ug/l	99
42) 1,2-Dichloroethane	8.40	62	492974	47.28	ug/l	100
43) Isopropyl Acetate	8.43	43	520645	49.70	ug/l	100
44) Trichloroethene	9.09	130	438800	47.39	ug/l	97
45) 1,2-Dichloropropane	9.37	63	455125	48.23	ug/l	99
46) Dibromomethane	9.46	93	226580	47.16	ug/l	98
47) Bromodichloromethane	9.65	83	546006	48.15	ug/l	100
48) Methyl methacrylate	9.44	41	251672	51.40	ug/l	97
49) 1,4-Dioxane	9.47	88	76967	1050.13	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	1847440	253.35	ug/l	99
52) Toluene	10.39	92	1107343	49.83	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	568062	49.89	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	668421	50.37	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	328784	47.75	ug/l	99
56) Ethyl methacrylate	10.65	69	437411	53.06	ug/l	100
57) 1,3-Dichloropropane	10.94	76	579081	48.79	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	1043110	238.68	ug/l	100
59) 2-Hexanone	10.98	43	1266418	256.15	ug/l	99
60) Dibromochloromethane	11.13	129	369109	49.29	ug/l	99
61) 1,2-Dibromoethane	11.24	107	315364	48.75	ug/l	99
64) Tetrachloroethene	10.87	164	390817	49.49	ug/l	98
65) Chlorobenzene	11.66	112	1216134	48.75	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	415863	48.96	ug/l	98
67) Ethyl Benzene	11.74	91	2135627	50.50	ug/l	99
68) m/p-Xylenes	11.85	106	1655136	101.27	ug/l	100
69) o-Xylene	12.17	106	781311	51.55	ug/l	100
70) Styrene	12.19	104	1324875	51.73	ug/l	100
71) Bromoform	12.35	173	227615	48.75	ug/l #	99
73) Isopropylbenzene	12.47	105	2153517	52.60	ug/l	99
74) N-amyl acetate	12.28	43	523133	52.70	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	414847	48.54	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	288821m	47.16	ug/l	
77) Bromobenzene	12.75	156	497433	50.22	ug/l	100
78) n-propylbenzene	12.81	91	2635729	52.18	ug/l	100
79) 2-Chlorotoluene	12.90	91	1504937	51.48	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1825195	52.26	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	127550	49.86	ug/l	99
82) 4-Chlorotoluene	12.99	91	1580306	50.94	ug/l	100
83) tert-Butylbenzene	13.21	119	1554256	53.06	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1892865	52.36	ug/l	100
85) sec-Butylbenzene	13.39	105	2294416	51.92	ug/l	100
86) p-Isopropyltoluene	13.51	119	1997935	52.18	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	1006969	49.34	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	996825	49.06	ug/l	100
89) n-Butylbenzene	13.83	91	1972454	52.43	ug/l	100
90) Hexachloroethane	14.10	117	357482	50.46	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	908545	49.07	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	68780	49.25	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	663176	51.73	ug/l	99
94) Hexachlorobutadiene	15.25	225	374956	50.23	ug/l	99
95) Naphthalene	15.38	128	1301221	49.23	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	597013	51.83	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

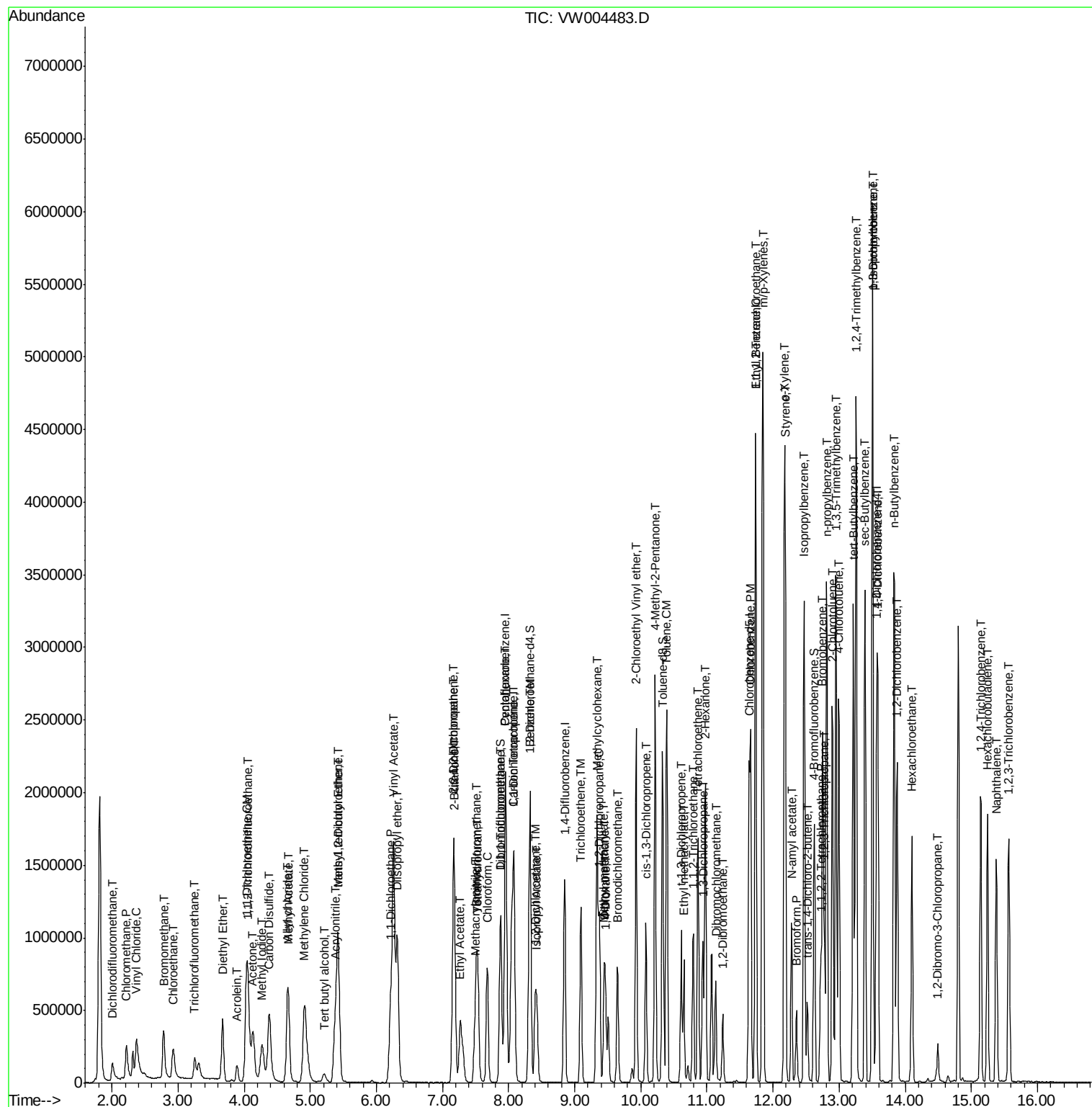
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080618\
Data File : VW004483.D
Acq On : 06 Aug 2018 21:19
Operator : SY/AP
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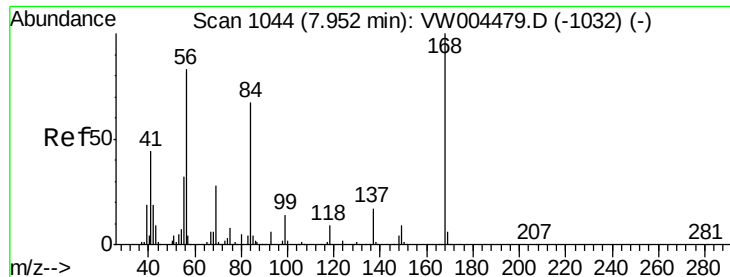
Instrument :
MSVOA_W
Client Sampled :
ICVW080618

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 08:22:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004483.D

Acq: 06 Aug 2018 21:19

Instrument :

MSVOA_W

ClientSampleId :

ICVW080618

Tot Ion:168 Resp: 767915

Ion Ratio Lower Upper

168 100

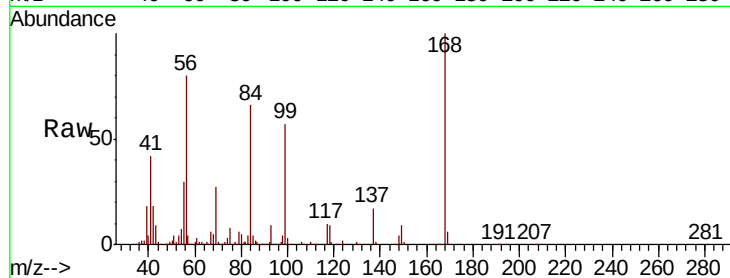
99 56.7 44.1 66.1

Manual Integrations

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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

400000

300000

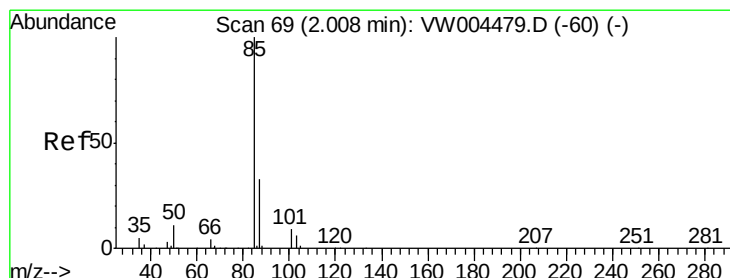
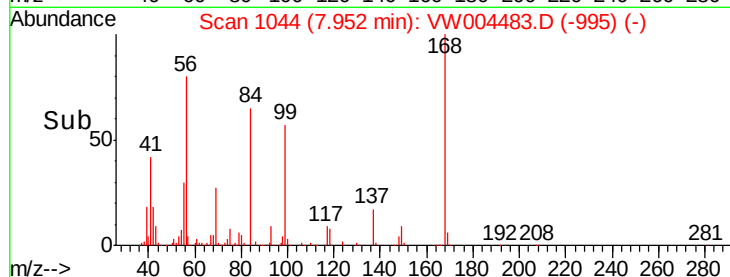
200000

100000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 46.86 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VW004483.D

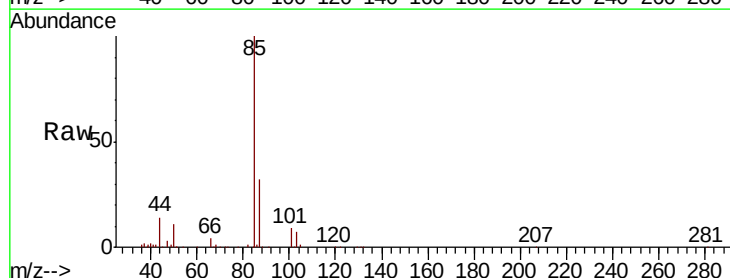
Acq: 06 Aug 2018 21:19

Tgt Ion: 85 Resp: 246952

Ion Ratio Lower Upper

85 100

87 32.4 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

80000

60000

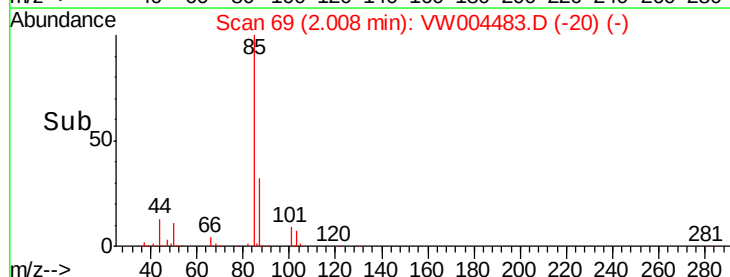
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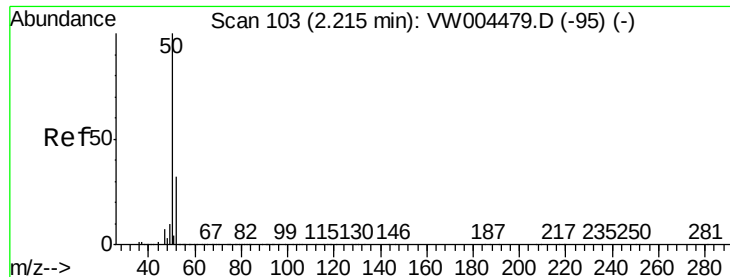
20000

0

2.00 2.20

Time-->





#3

Chloromethane

Concen: 48.17 ug/l

RT: 2.22 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW004483.D

Acq: 06 Aug 2018 21:19

Instrument :

MSVOA_W

ClientSampleId :

ICVW080618

Tot Ion: 50 Resp: 353679

Ion Ratio Lower Upper

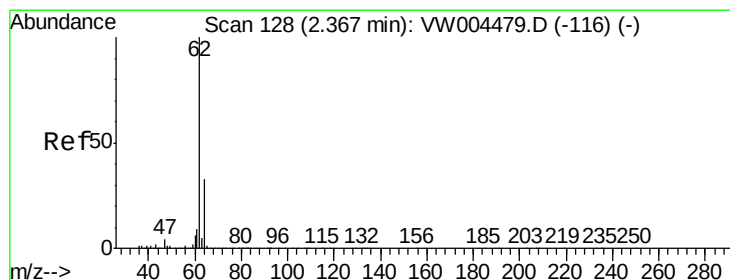
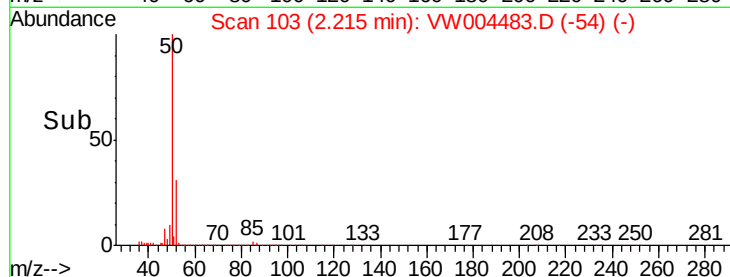
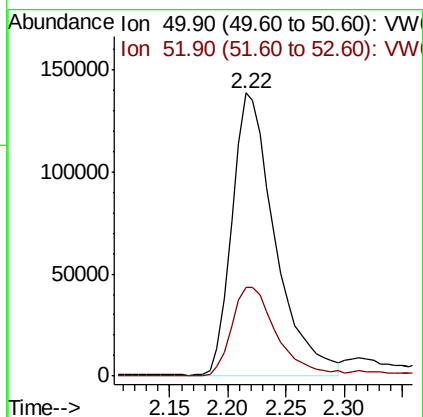
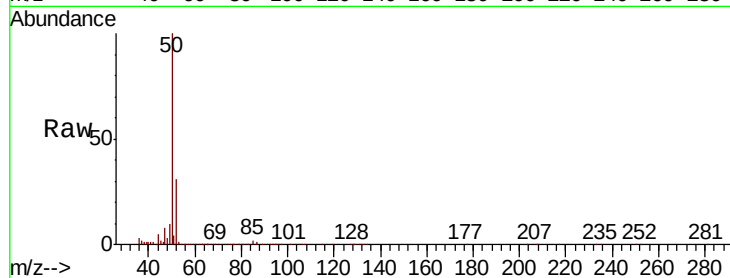
50 100

52 31.3 25.8 38.8

Manual Integrations
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#4

Vinyl Chloride

Concen: 46.42 ug/l

RT: 2.37 min Scan# 129

Delta R.T. 0.01 min

Lab File: VW004483.D

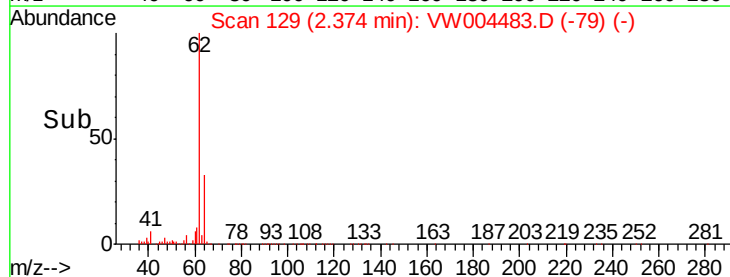
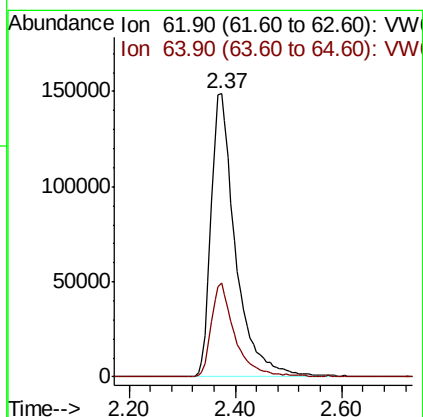
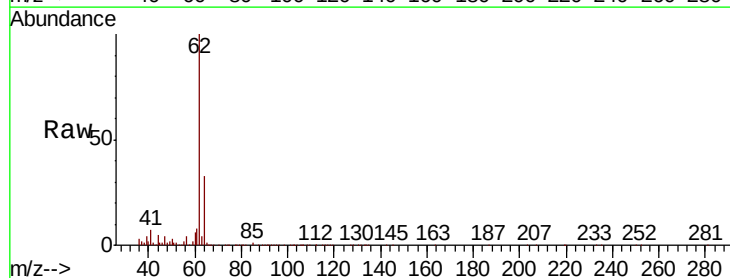
Acq: 06 Aug 2018 21:19

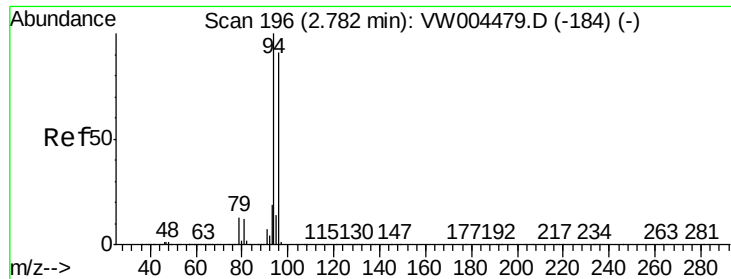
Tgt Ion: 62 Resp: 476084

Ion Ratio Lower Upper

62 100

64 33.0 26.2 39.2





#5

Bromomethane

Concen: 47.76 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW004483.D

Acq: 06 Aug 2018 21:19

Instrument :

MSVOA_W

ClientSampled :

ICVW080618

Tot Ion: 94 Resp: 285231

Ion Ratio Lower Upper

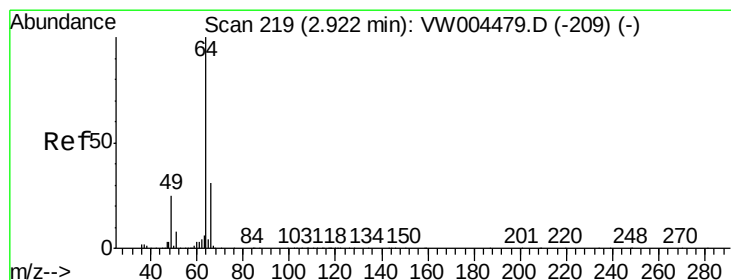
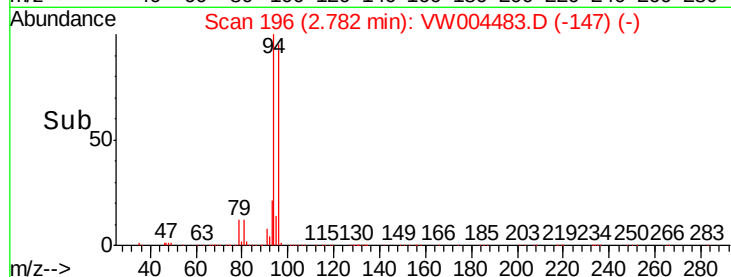
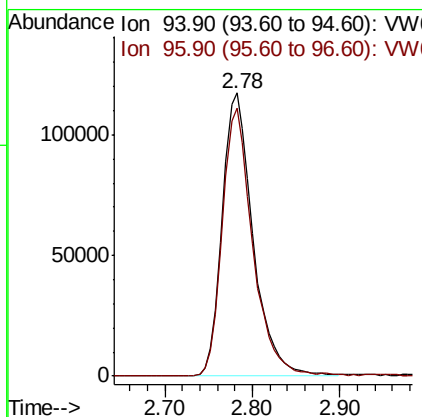
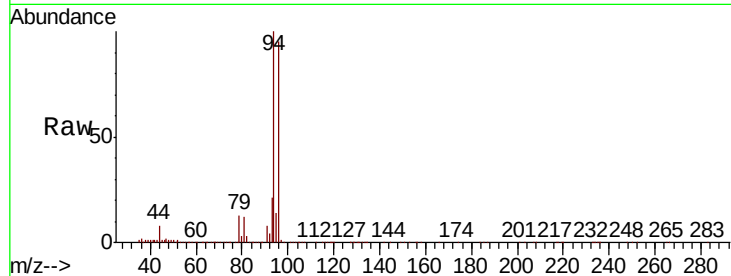
94 100

96 94.5 72.9 109.3

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#6

Chloroethane

Concen: 48.54 ug/l

RT: 2.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VW004483.D

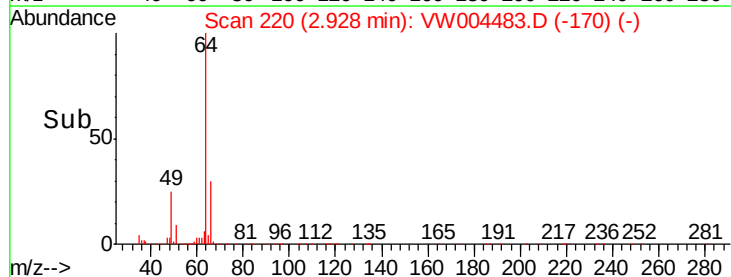
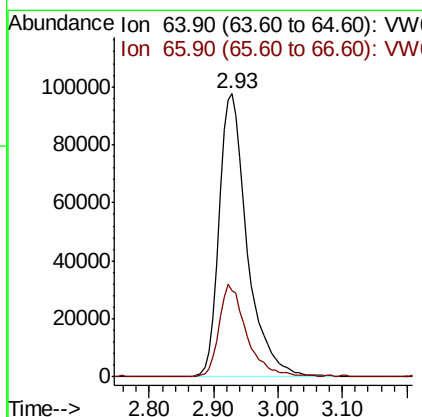
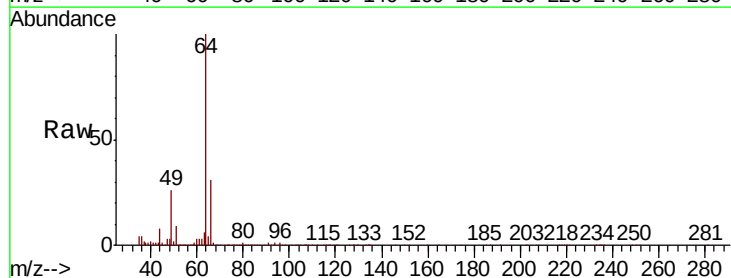
Acq: 06 Aug 2018 21:19

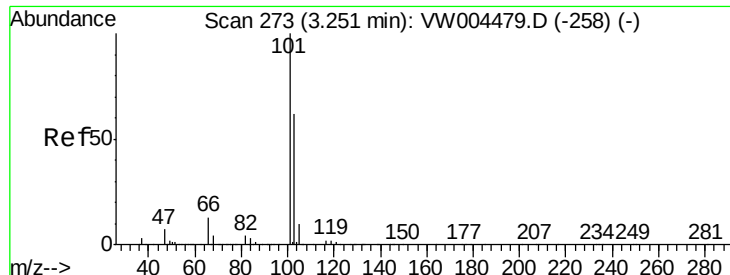
Tgt Ion: 64 Resp: 297444

Ion Ratio Lower Upper

64 100

66 30.4 24.6 36.8





#7

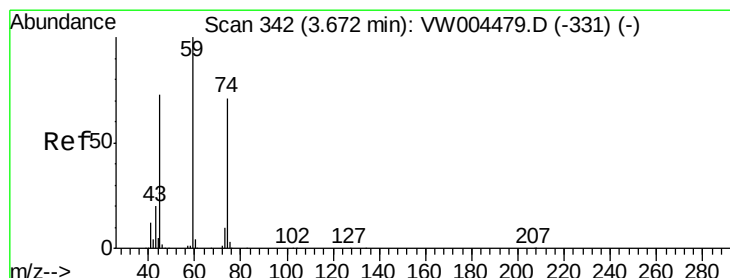
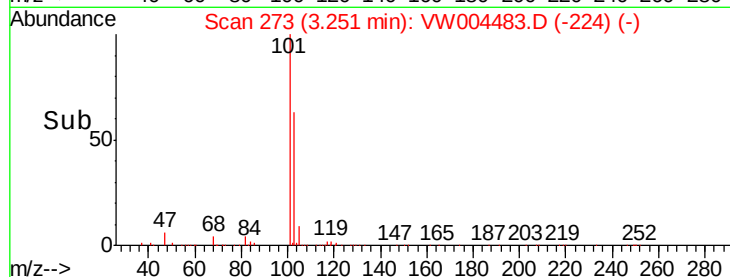
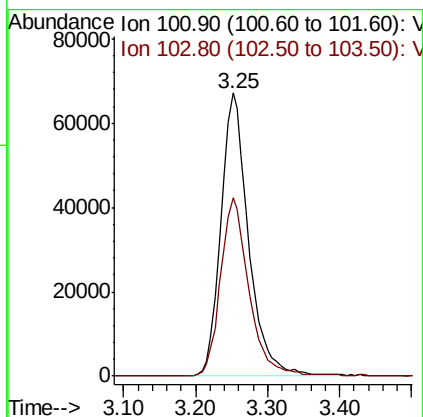
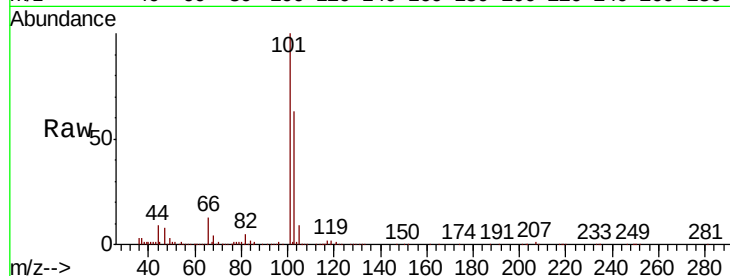
Trichlorofluoromethane
 Concen: 47.43 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.00 min
 Lab File: VW004483.D
 Acq: 06 Aug 2018 21:19

Instrument :
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 ClientSampleId :
 ICVVW080618

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.7	49.8	74.8

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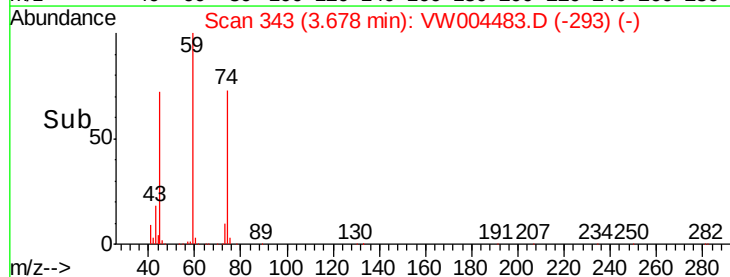
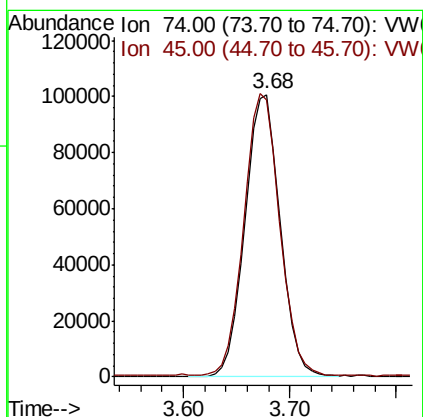
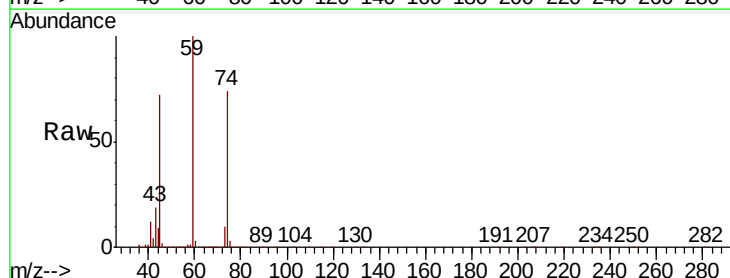
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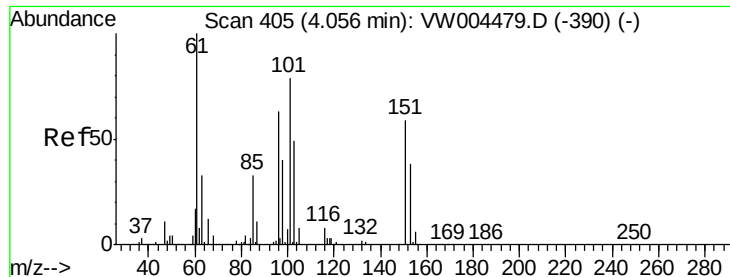


#8

Diethyl Ether
 Concen: 48.66 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.01 min
 Lab File: VW004483.D
 Acq: 06 Aug 2018 21:19

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.1	51.2	153.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.21 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW004483.D

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Instrument :

MSVOA_W

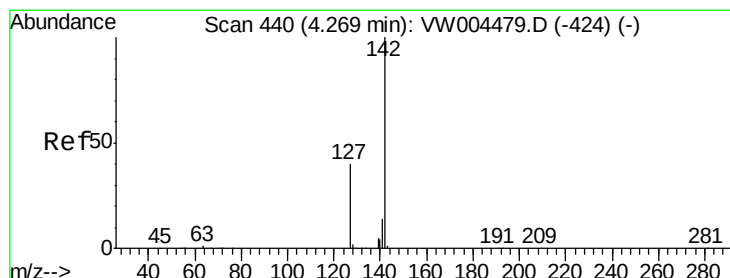
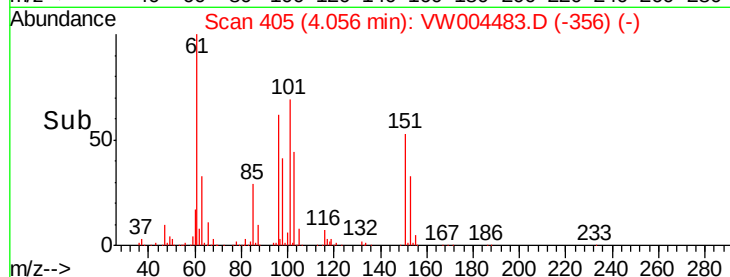
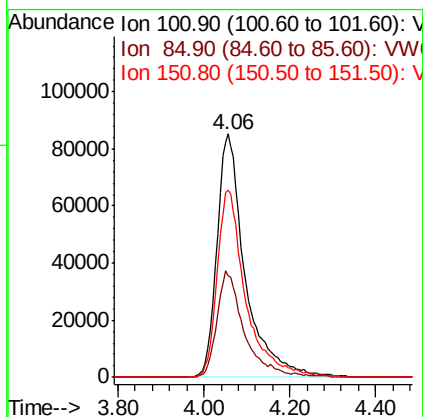
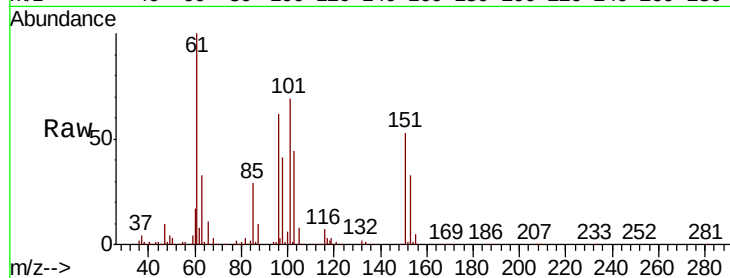
ClientSampled :

ICVW080618

Tot Ion:	101	Resp:	394947
Ion Ratio	Lower	Upper	
101	100		
85	41.6	34.6	51.8
151	78.0	61.3	91.9

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#10

Methyl Iodide

Concen: 48.95 ug/l

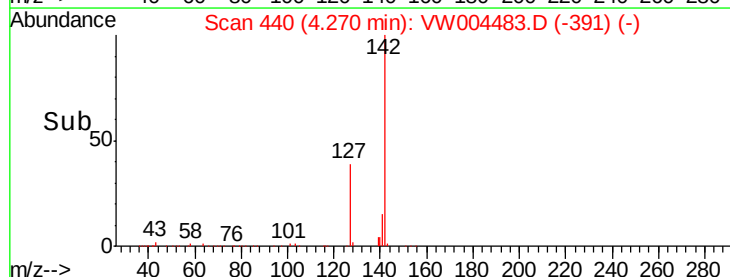
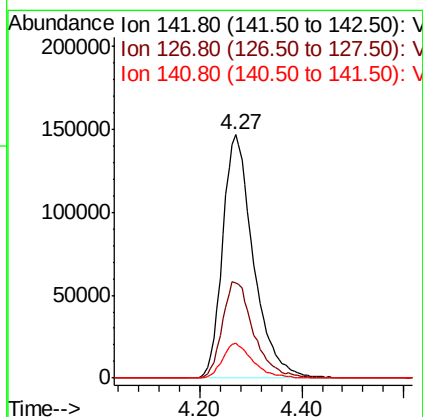
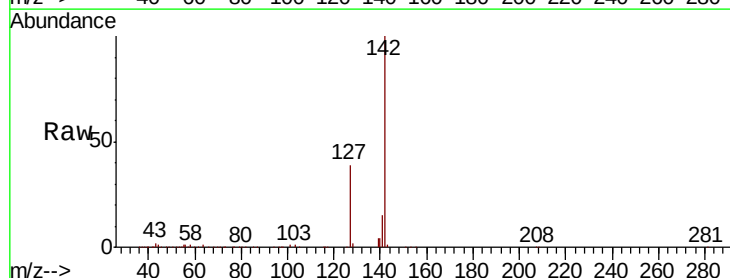
RT: 4.27 min Scan# 440

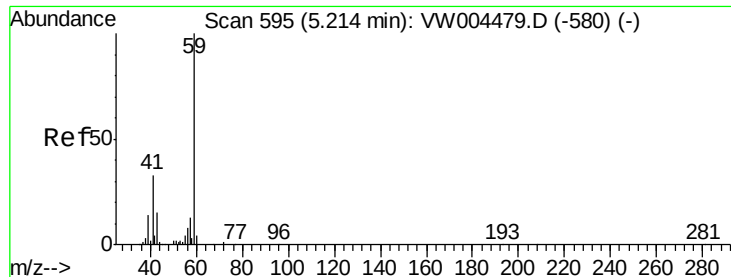
Delta R.T. 0.00 min

Lab File: VW004483.D

Acq: 06 Aug 2018 21:19

Tgt Ion:	142	Resp:	614497
Ion Ratio	Lower	Upper	
142	100		
127	40.3	32.7	49.1
141	14.2	11.5	17.3





#11

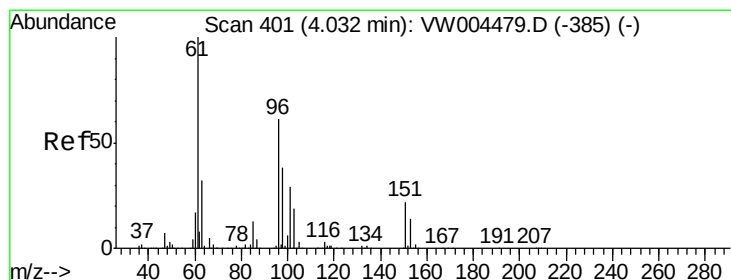
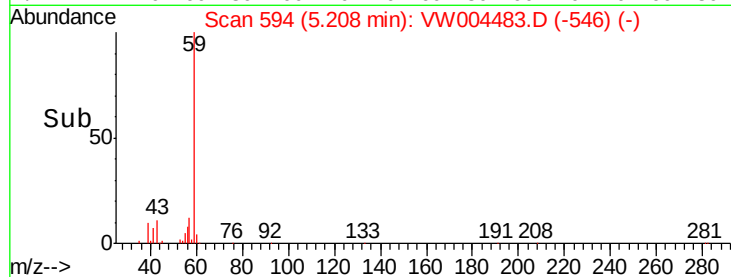
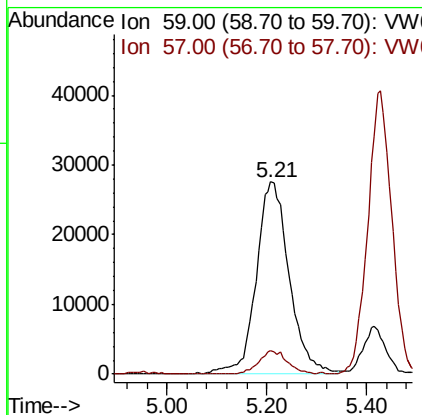
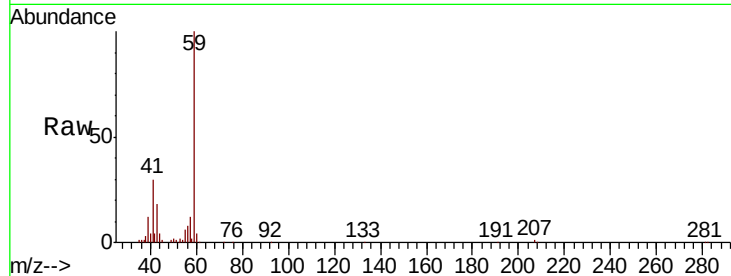
Tert butyl alcohol
 Concen: 253.90 ug/l
 RT: 5.21 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: VW004483.D
 Acq: 06 Aug 2018 21:19

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW080618

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	9.1	13.7

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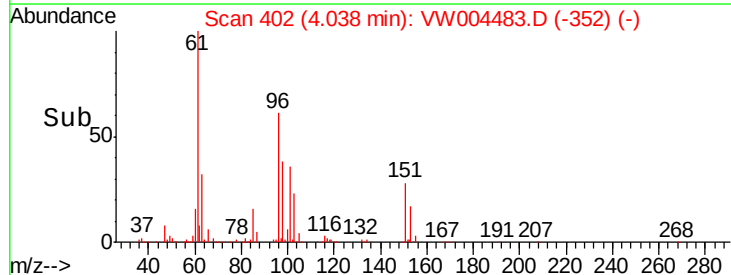
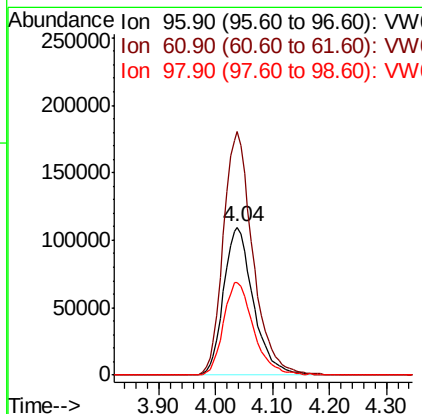
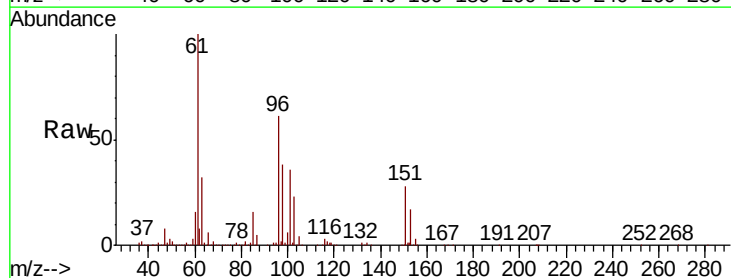
apatel
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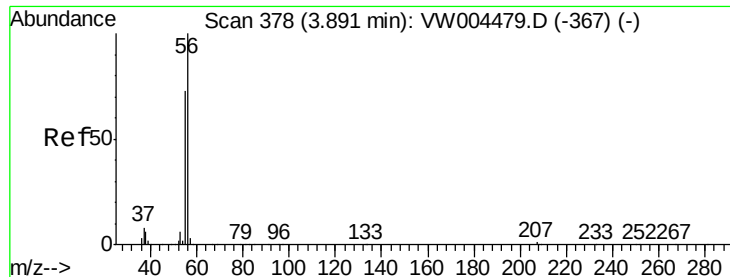


#12

1,1-Dichloroethene
 Concen: 47.28 ug/l
 RT: 4.04 min Scan# 402
 Delta R.T. 0.01 min
 Lab File: VW004483.D
 Acq: 06 Aug 2018 21:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.7	130.6	195.8
98	62.8	49.6	74.4





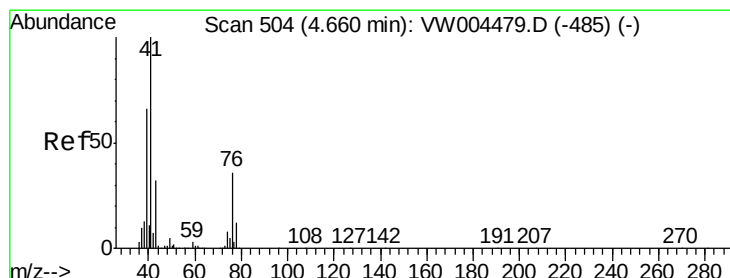
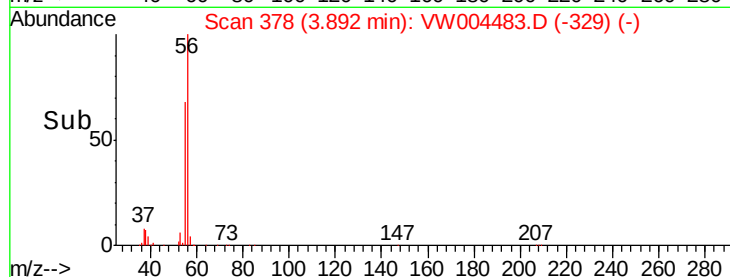
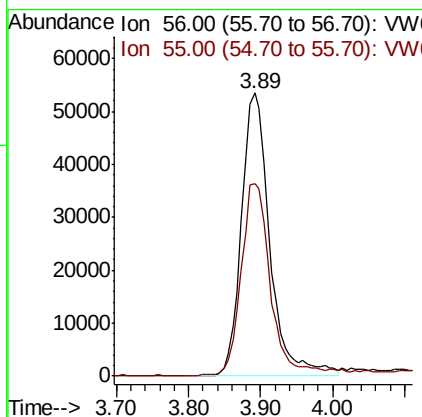
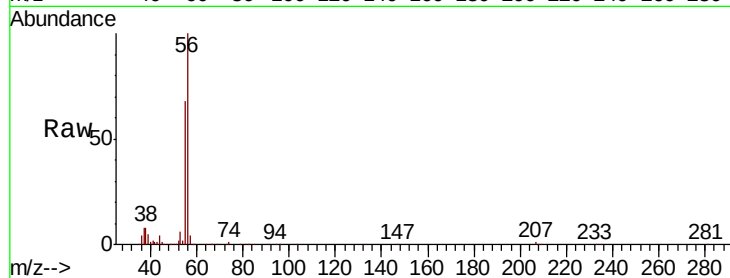
#13
Acrolein
Concen: 240.38 ug/l
RT: 3.89 min Scan# 378
Delta R.T. 0.00 min
Lab File: VW004483.D
Acq: 06 Aug 2018 21:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW080618

Tot Ion	56	Resp	146591
Ion Ratio	100	Lower	Upper
55	69.2	56.7	85.1

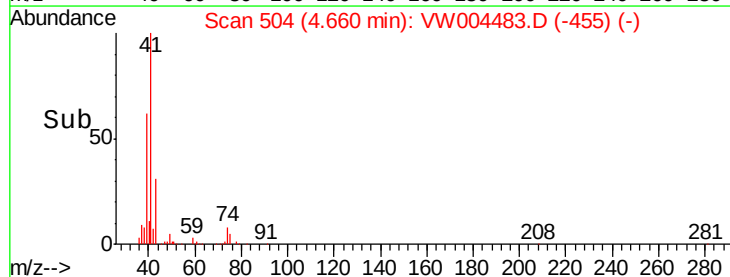
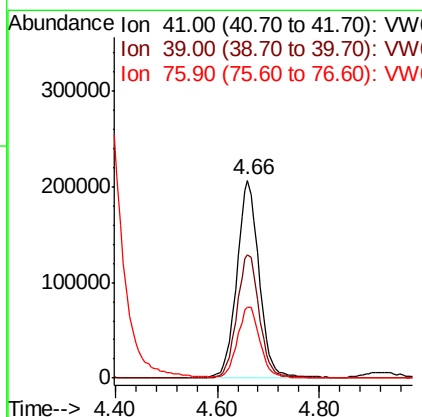
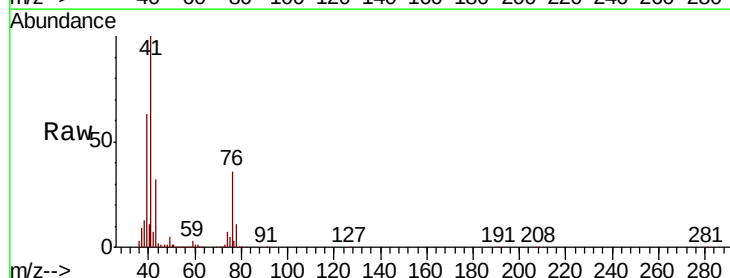
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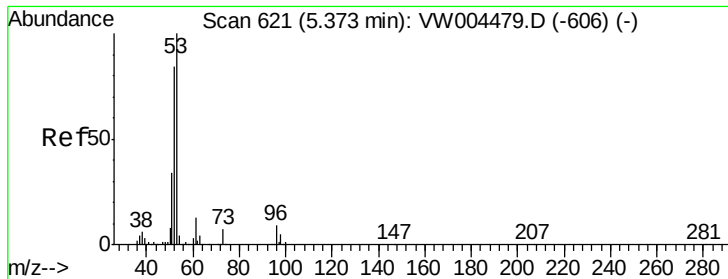
apatel
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#14
Allyl chloride
Concen: 49.64 ug/l
RT: 4.66 min Scan# 504
Delta R.T. 0.00 min
Lab File: VW004483.D
Acq: 06 Aug 2018 21:19

Tgt Ion	41	Resp	628043
Ion Ratio	100	Lower	Upper
39	62.8	51.9	77.9
76	35.2	29.0	43.6





#15

Acrylonitrile

Concen: 243.37 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.00 min

Lab File: VW004483.D

Acq: 06 Aug 2018 21:19

Instrument :

MSVOA_W

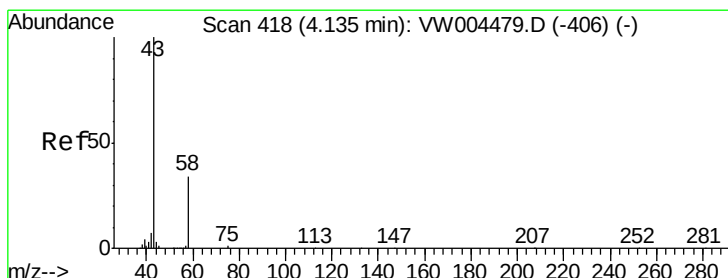
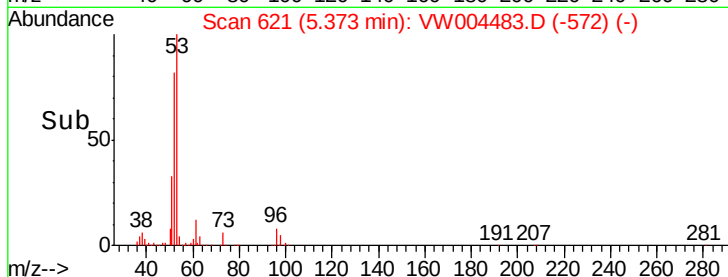
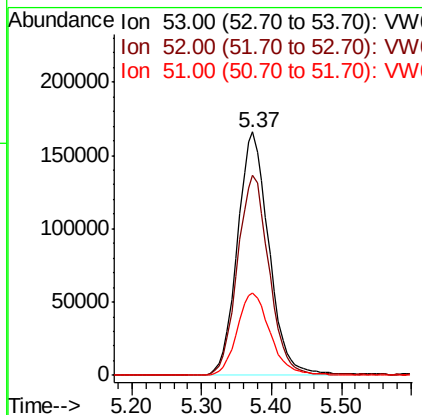
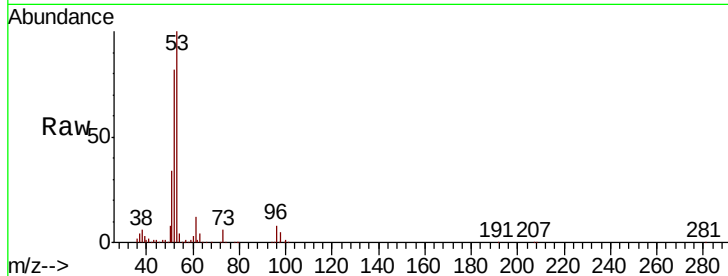
ClientSampleId :

ICVW080618

Tot Ion:	53	Resp:	518244
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.5	99.7
51	35.5	28.4	42.6

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#16

Acetone

Concen: 245.87 ug/l

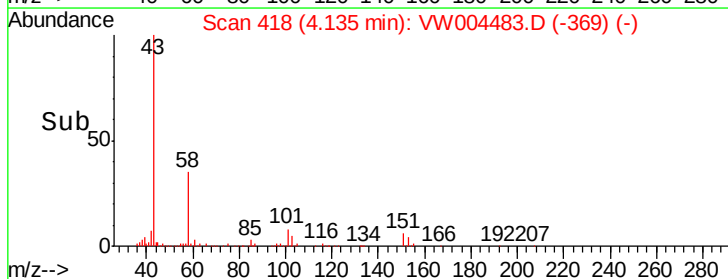
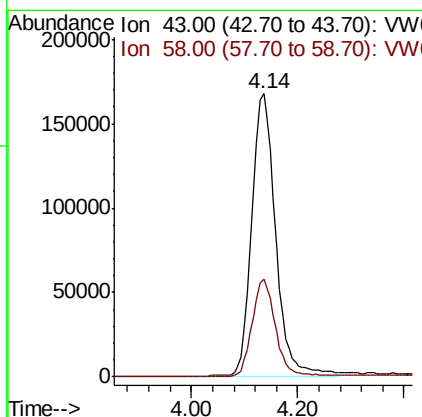
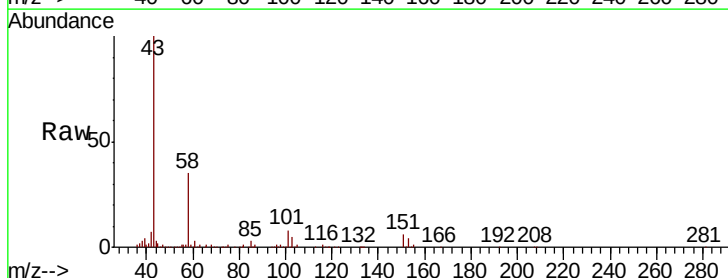
RT: 4.14 min Scan# 418

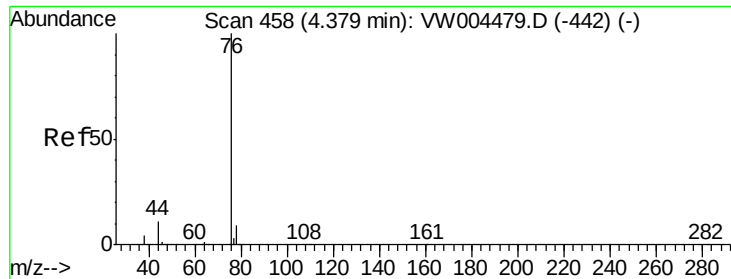
Delta R.T. 0.00 min

Lab File: VW004483.D

Acq: 06 Aug 2018 21:19

Tgt Ion:	43	Resp:	521945
Ion	Ratio	Lower	Upper
43	100		
58	34.5	26.8	40.2





#17

Carbon Disulfide

Concen: 47.83 ug/l

RT: 4.38 min Scan# 458

Delta R.T. 0.00 min

Lab File: VW004483.D

Acq: 06 Aug 2018 21:19

Instrument :

MSVOA_W

ClientSampleId :

ICVW080618

Tot Ion: 76 Resp: 1294542

Ion Ratio Lower Upper

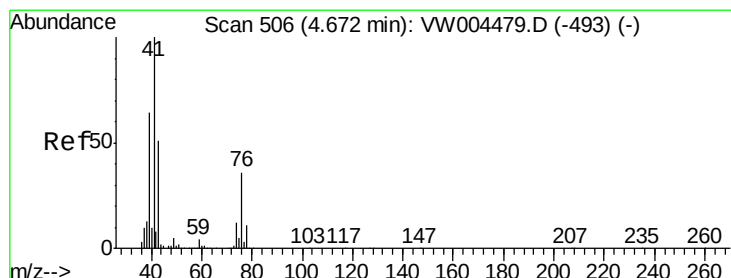
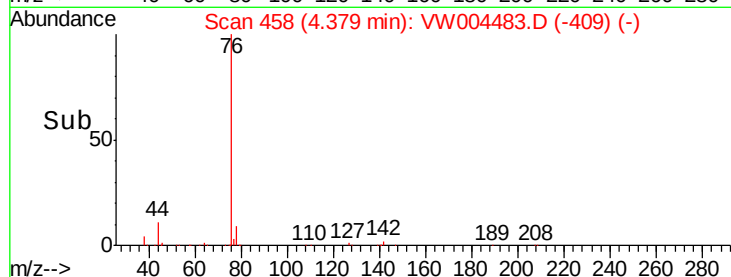
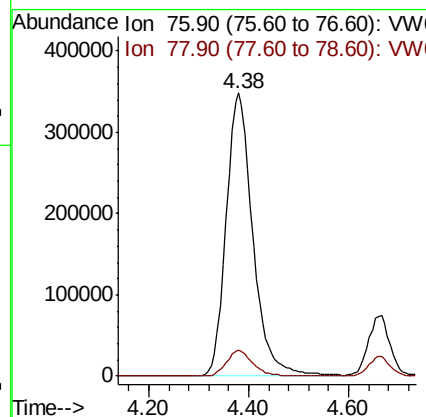
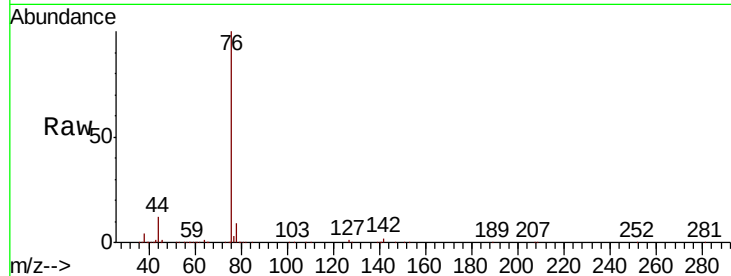
76 100

78 9.2 7.0 10.4

Manual Integrations
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#18

Methyl Acetate

Concen: 47.75 ug/l

RT: 4.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: VW004483.D

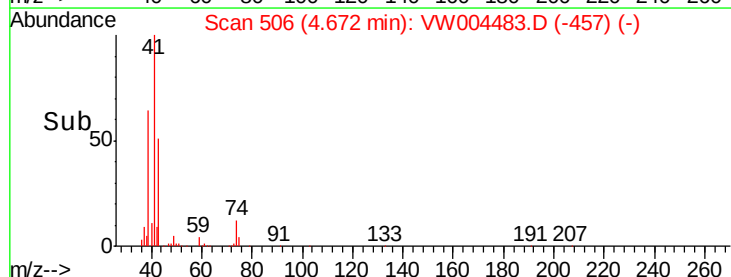
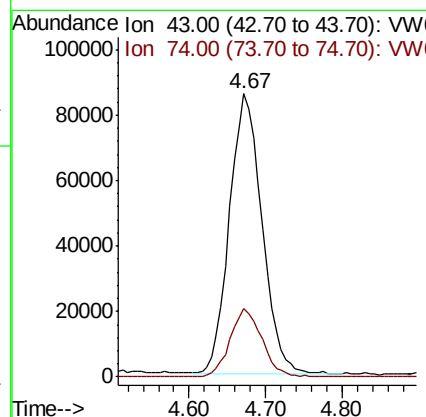
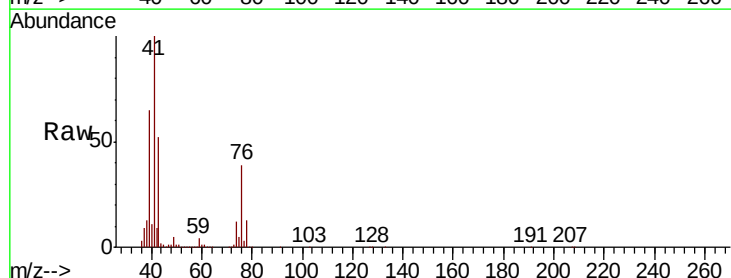
Acq: 06 Aug 2018 21:19

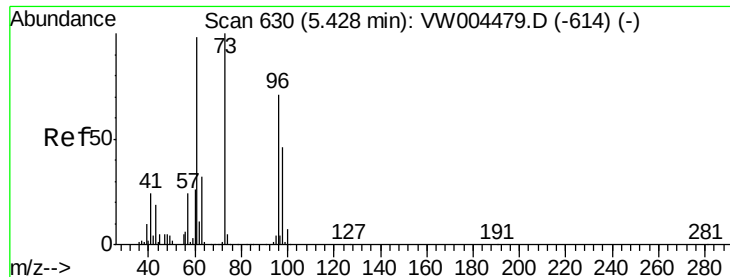
Tgt Ion: 43 Resp: 252755

Ion Ratio Lower Upper

43 100

74 23.8 19.1 28.7





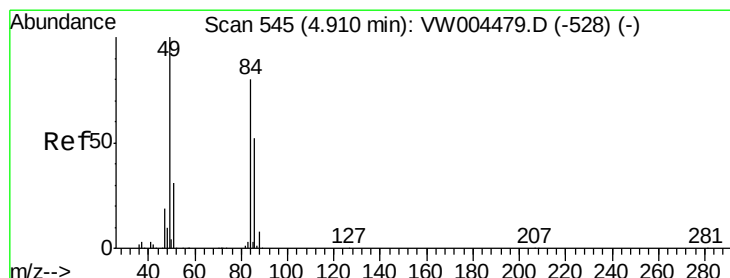
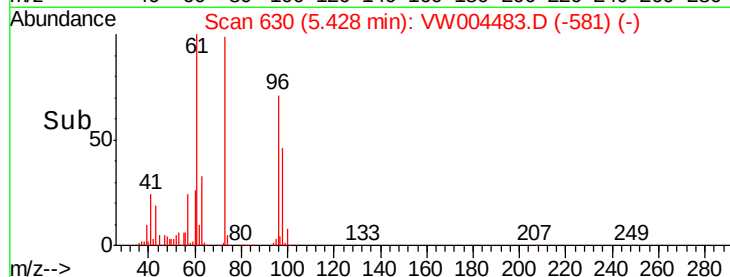
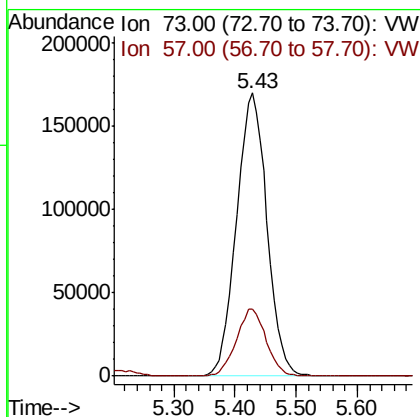
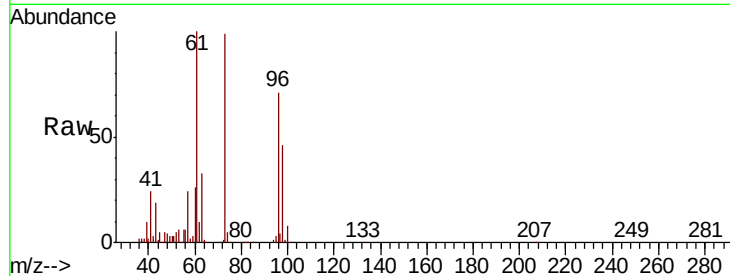
#19
Methyl tert-butyl Ether
Concen: 50.86 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW004483.D
Acq: 06 Aug 2018 21:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW080618

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.9	19.6	29.4

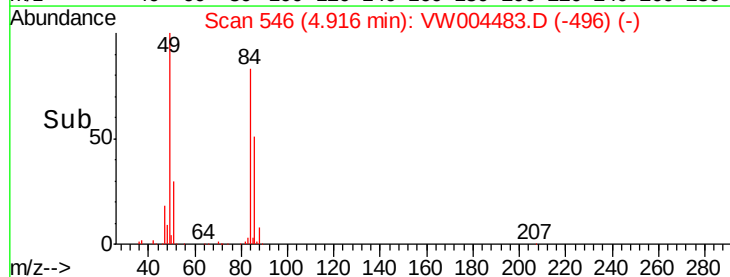
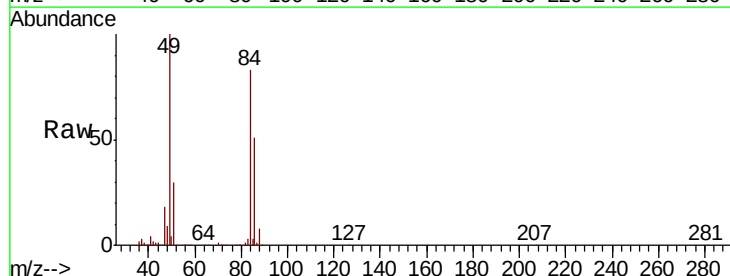
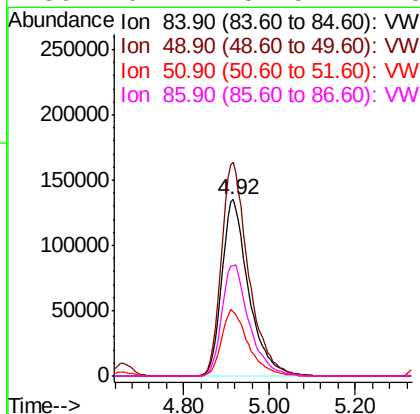
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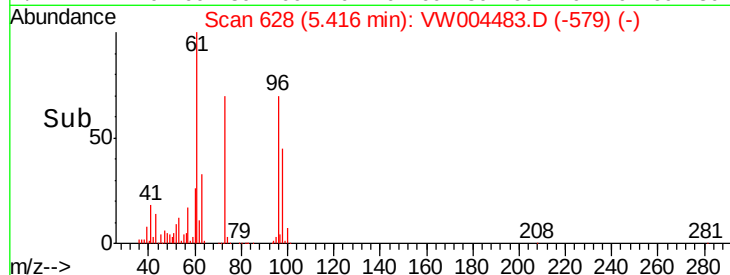
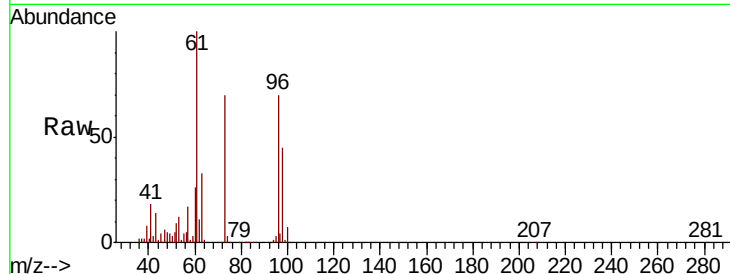
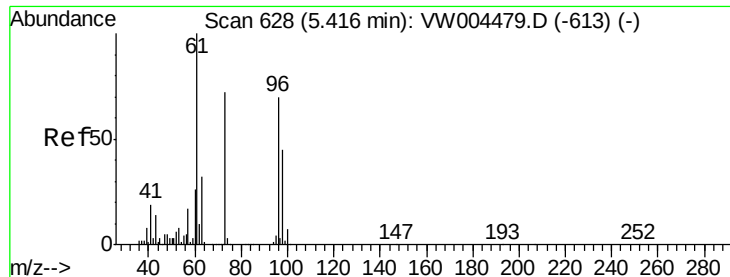
apatel
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#20
Methylene Chloride
Concen: 58.75 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW004483.D
Acq: 06 Aug 2018 21:19

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.0	99.6	149.4
51	36.6	31.0	46.4
86	62.2	51.5	77.3





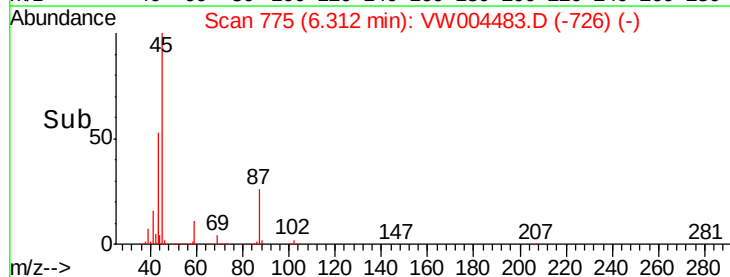
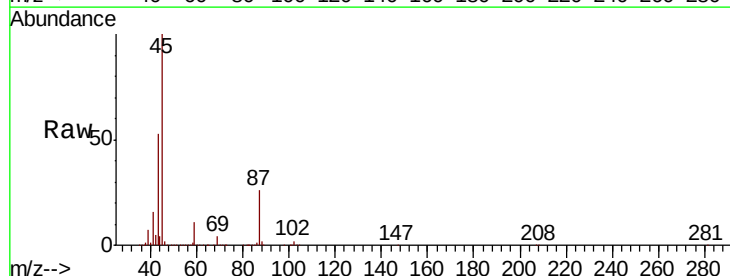
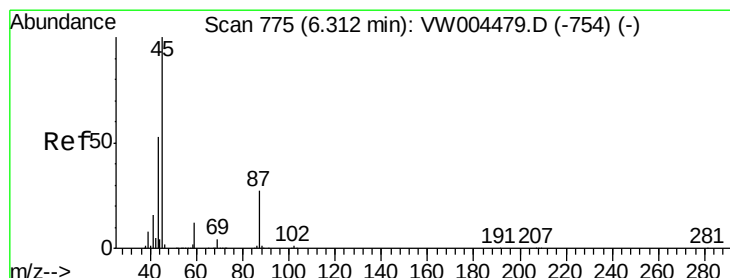
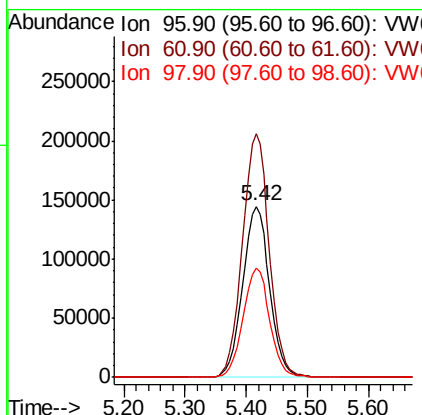
#21
trans-1,2-Dichloroethene
Concen: 48.39 ug/l
RT: 5.42 min Scan# 628
Delta R.T. 0.00 min
Lab File: VW004483.D
Acq: 06 Aug 2018 21:19

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.3	114.1	171.1
98	64.2	51.4	77.2

Instrument :
MSVOA_W
ClientSampleId :
ICVW080618

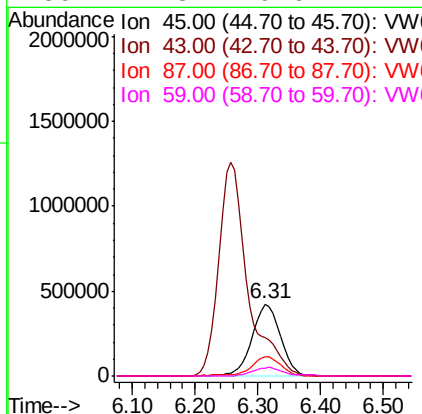
Manual Integrations
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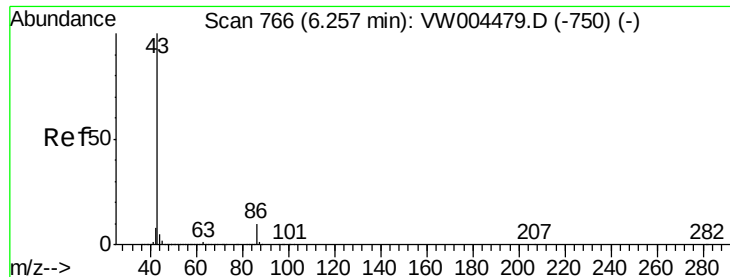
apatel
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#22
Diisopropyl ether
Concen: 51.26 ug/l
RT: 6.31 min Scan# 775
Delta R.T. 0.00 min
Lab File: VW004483.D
Acq: 06 Aug 2018 21:19

Tgt Ion	Ratio	Lower	Upper
45	100		
43	53.1	42.4	63.6
87	26.4	21.6	32.4
59	11.3	9.6	14.4





#23

Vinyl Acetate

Concen: 258.04 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW004483.D

Acq: 06 Aug 2018 21:19

Instrument :

MSVOA_W

ClientSampleId :

ICVW080618

Tot Ion: 43 Resp: 4032302

Ion Ratio Lower Upper

43 100

86 10.1

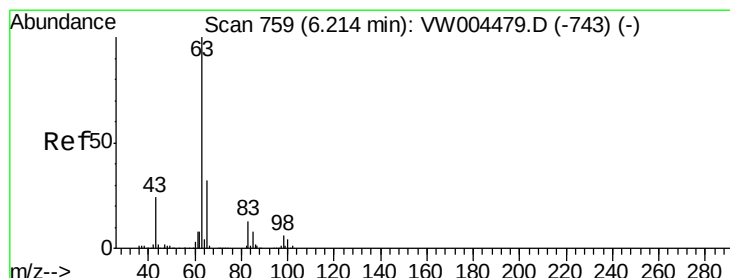
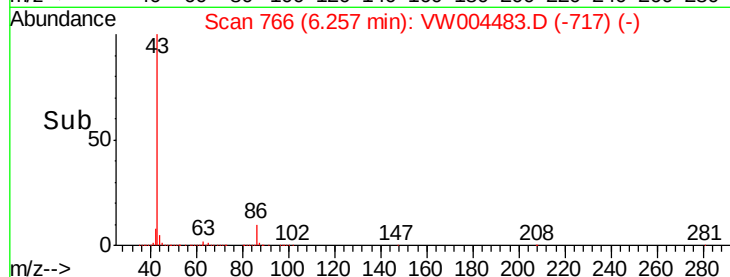
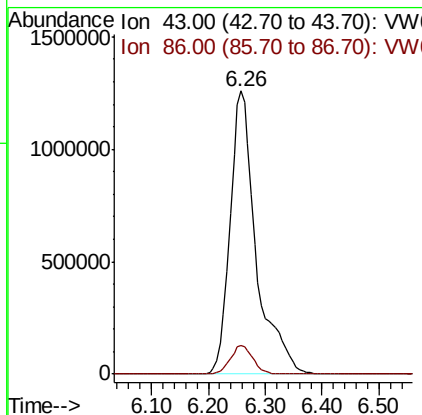
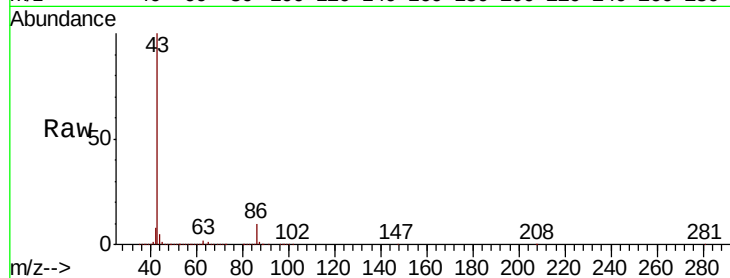
7.9

11.9

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#24

1,1-Dichloroethane

Concen: 48.12 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW004483.D

Acq: 06 Aug 2018 21:19

Tgt Ion: 63 Resp: 800819

Ion Ratio Lower Upper

63 100

98 6.9

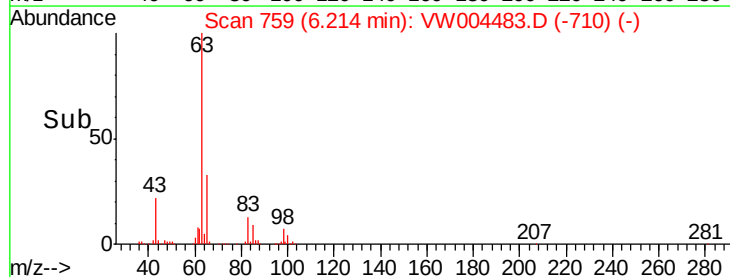
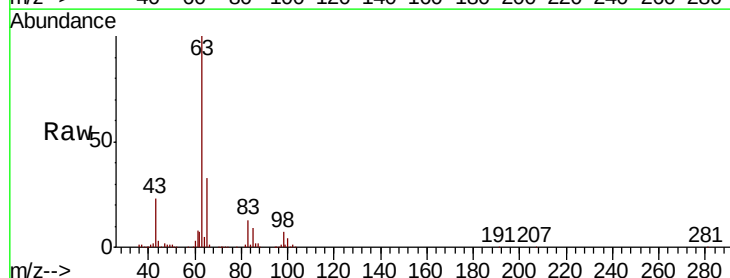
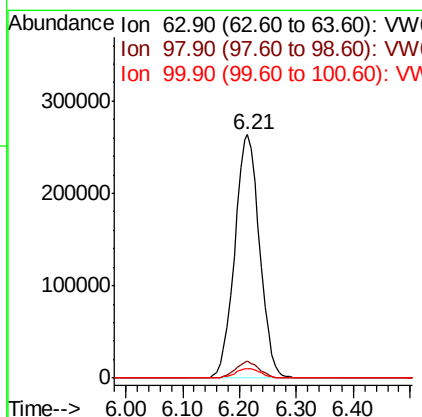
3.1

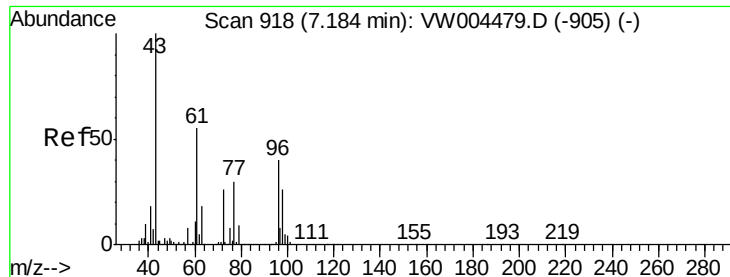
9.3

100 4.0

2.1

6.5





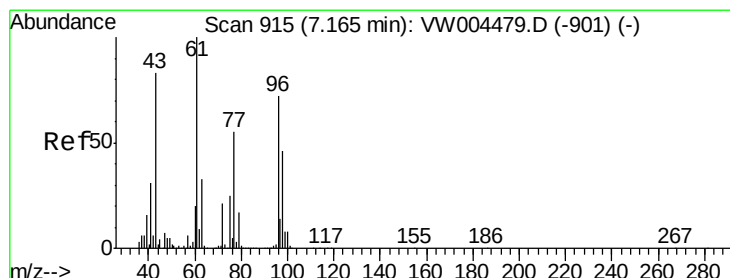
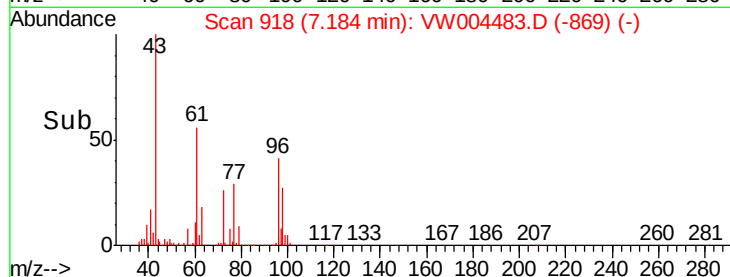
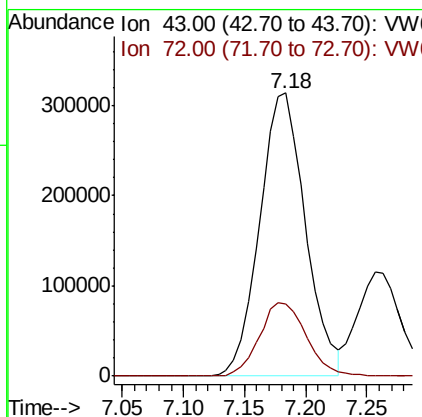
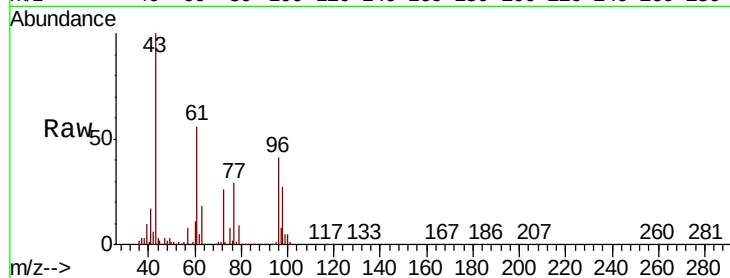
#25
2-Butanone
Concen: 239.29 ug/l
RT: 7.18 min Scan# 918
Delta R.T. 0.00 min
Lab File: VW004483.D
Acq: 06 Aug 2018 21:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW080618

Tot Ion	Ratio	Lower	Upper
43	100		
72	25.6	21.0	31.6

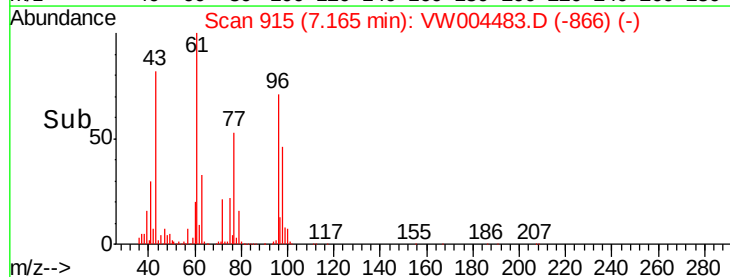
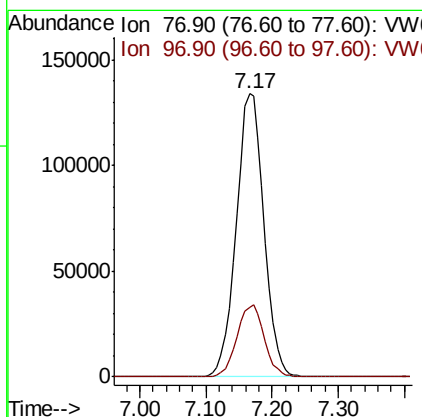
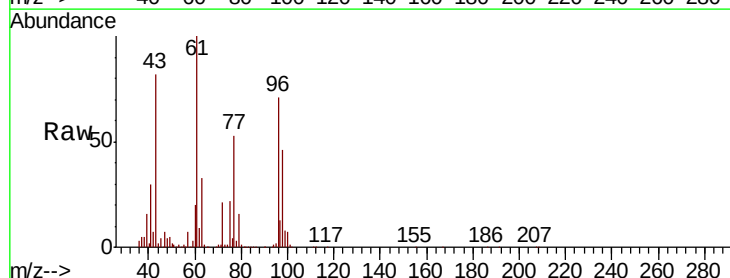
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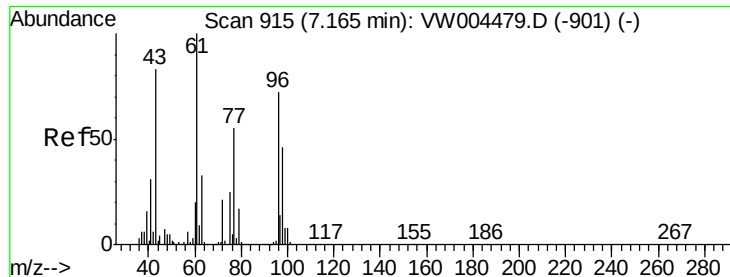
apatel
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#26
2,2-Dichloropropane
Concen: 44.45 ug/l
RT: 7.17 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW004483.D
Acq: 06 Aug 2018 21:19

Tgt Ion	Ratio	Lower	Upper
77	100		
97	25.2	12.5	37.5





#27

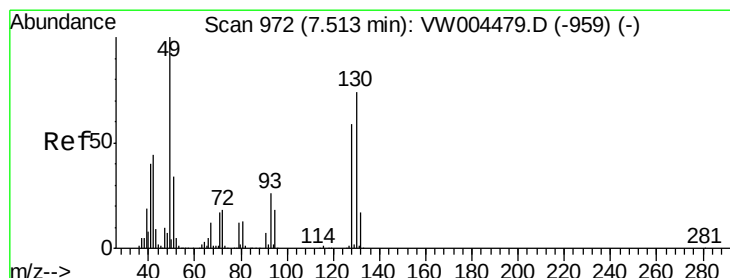
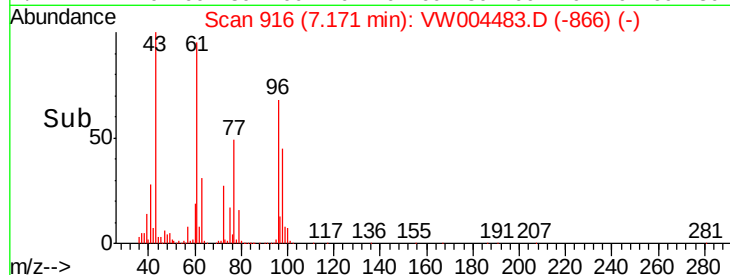
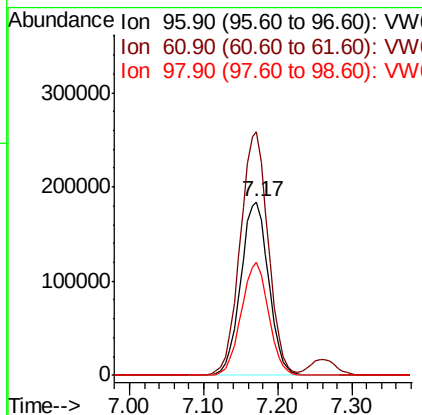
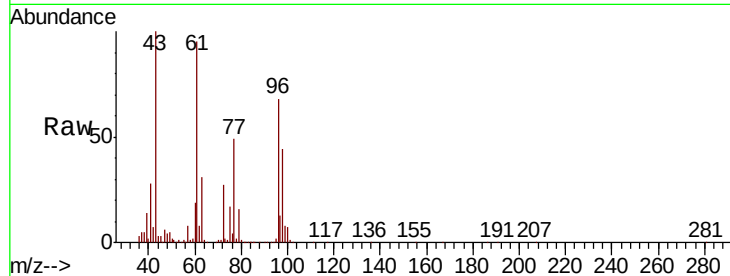
cis-1,2-Dichloroethene
Concen: 49.68 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW004483.D
Acq: 06 Aug 2018 21:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW080618

Tot Ion	Ratio	Resp	Lower	Upper
96	100	485036		
61	140.3	0.0	285.0	
98	63.8	0.0	128.6	

Manual Integrations
APPROVED

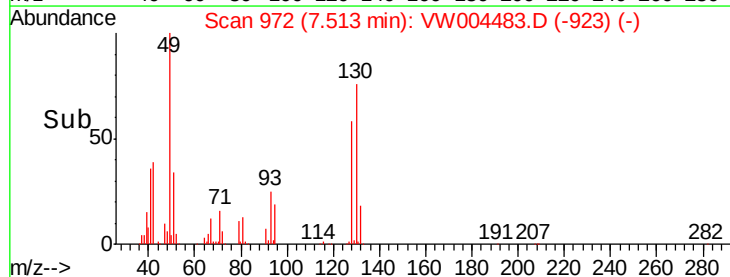
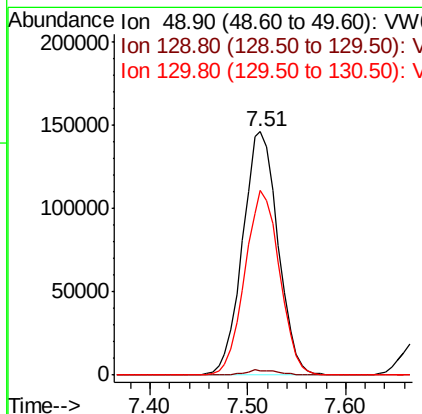
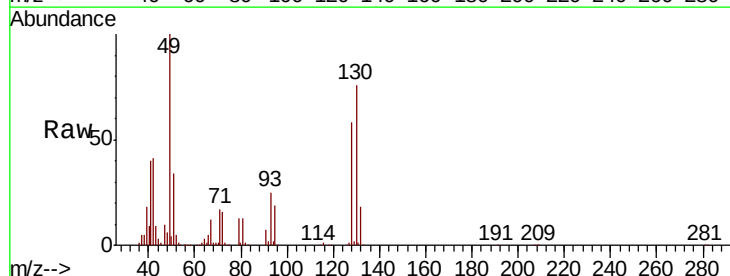
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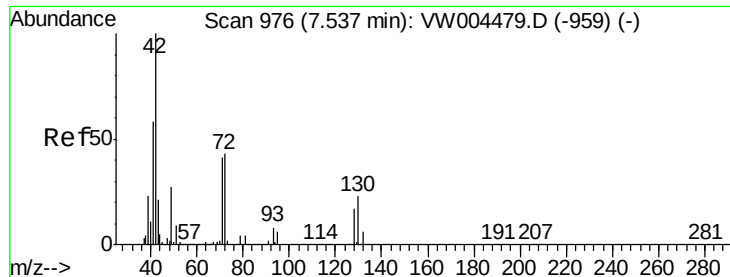


#28

Bromochloromethane
Concen: 50.59 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW004483.D
Acq: 06 Aug 2018 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	366301		
129	2.0	0.0	4.0	
130	74.6	58.8	88.2	





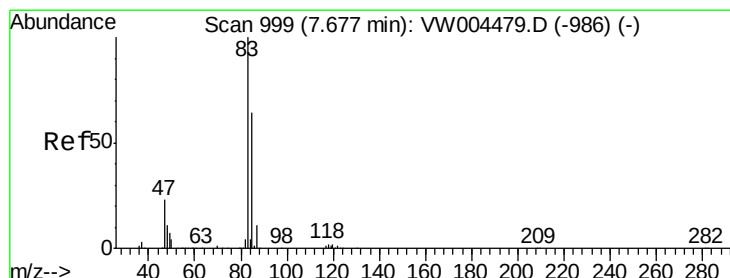
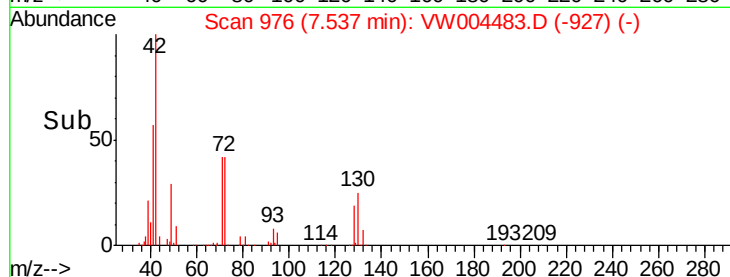
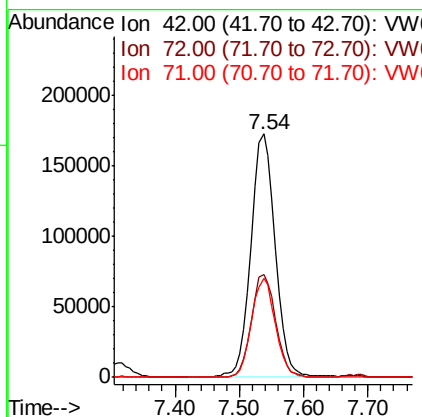
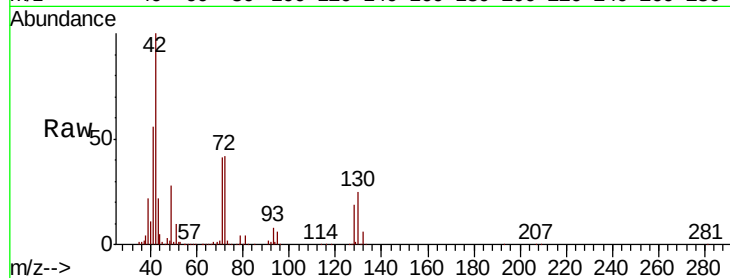
#29
Tetrahydrofuran
Concen: 251.39 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW004483.D
Acq: 06 Aug 2018 21:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW080618

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.4	34.1	51.1
71	40.1	32.5	48.7

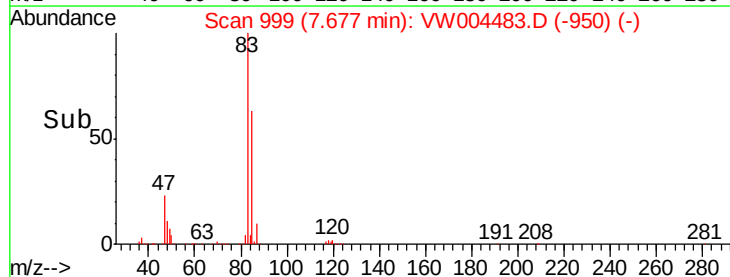
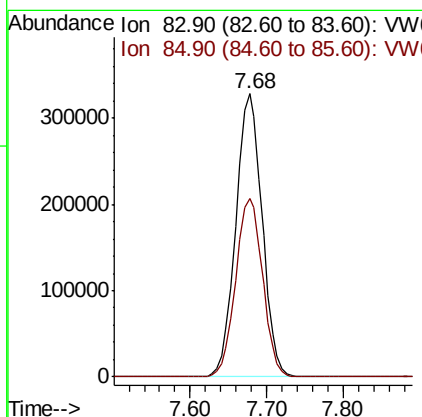
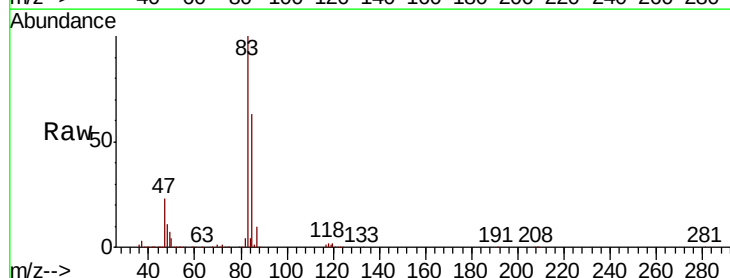
Manual Integrations
APPROVED

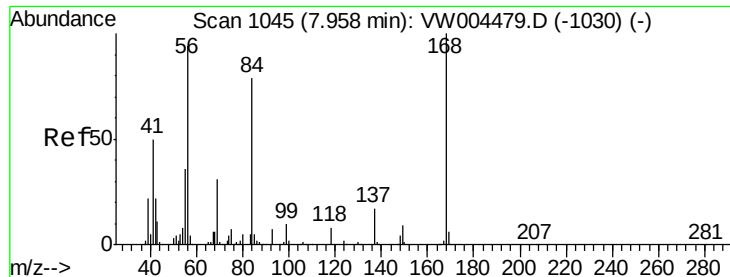
apatel
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#30
Chloroform
Concen: 47.79 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004483.D
Acq: 06 Aug 2018 21:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.3	76.9





#31

Cyclohexane

Concen: 47.30 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW004483.D

Acq: 06 Aug 2018 21:19

Instrument :

MSVOA_W

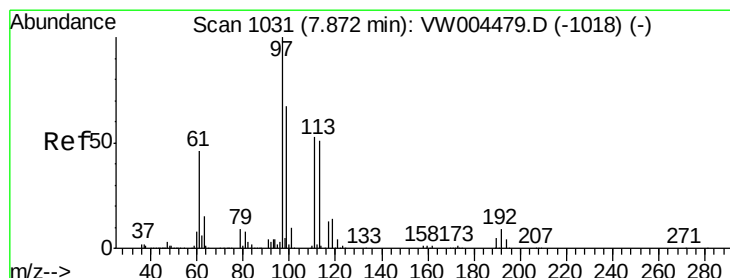
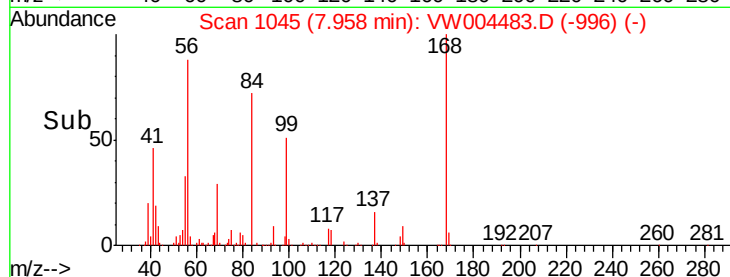
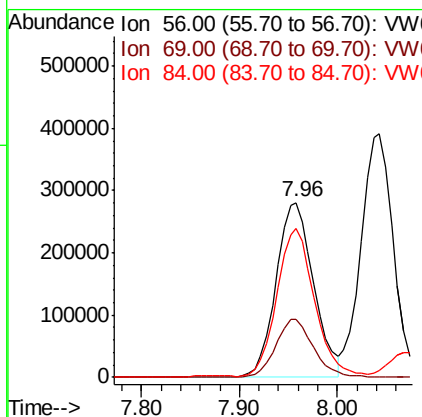
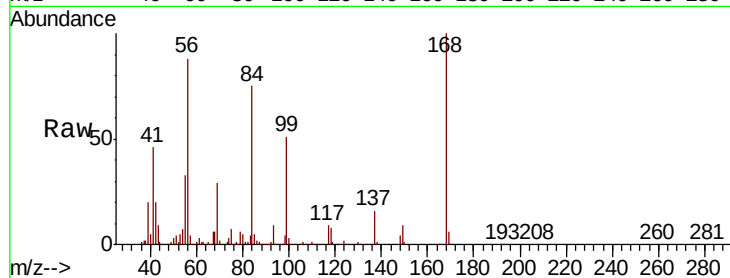
ClientSampleId :

ICVW080618

Tot Ion:	56	Resp:	753180
Ion	Ratio	Lower	Upper
56	100		
69	33.2	26.4	39.6
84	84.6	66.9	100.3

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 47.48 ug/l

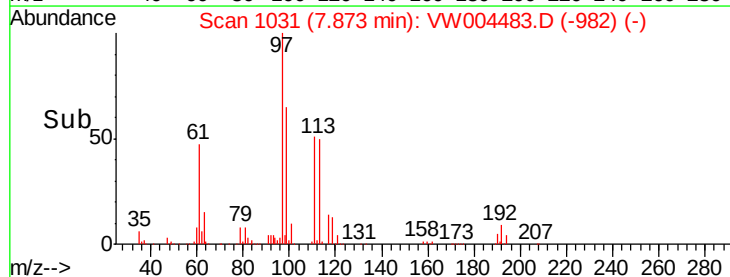
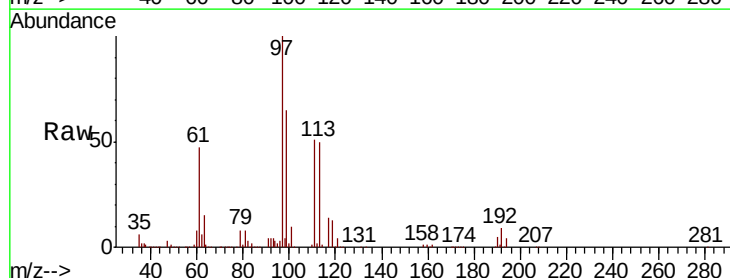
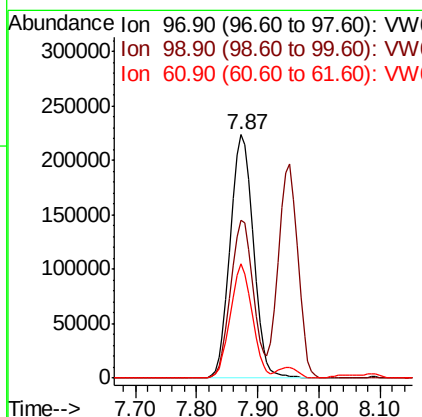
RT: 7.87 min Scan# 1031

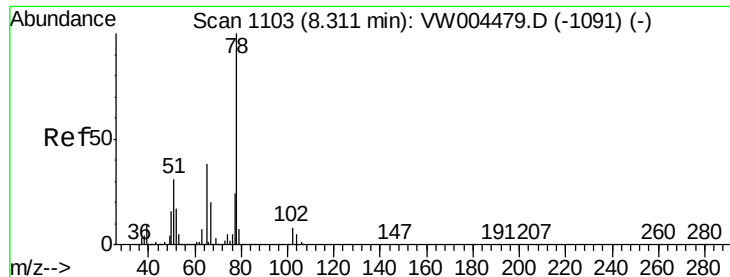
Delta R.T. 0.00 min

Lab File: VW004483.D

Acq: 06 Aug 2018 21:19

Tgt Ion:	97	Resp:	583028
Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.6	77.4
61	44.2	35.7	53.5





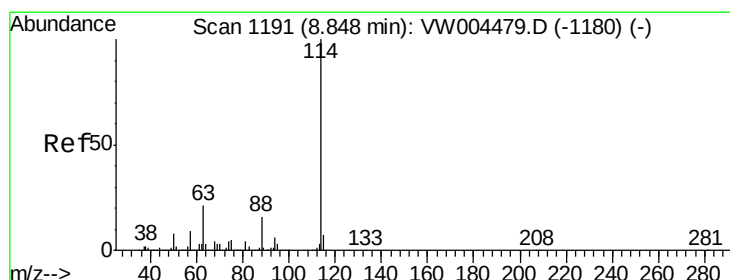
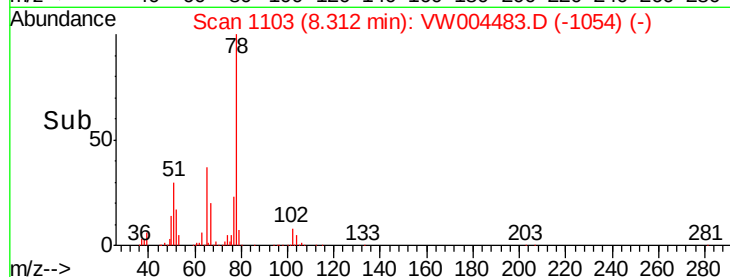
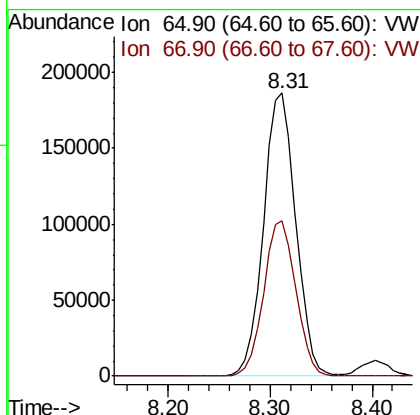
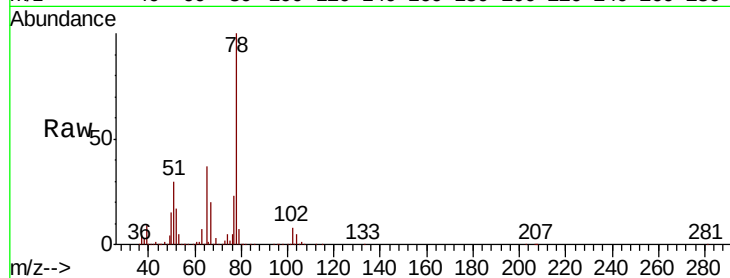
#33
 1,2-Dichloroethane-d4
 Concen: 47.95 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004483.D
 Acq: 06 Aug 2018 21:19

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW080618

Tot Ion	Ratio	Resp	Lower	Upper
65	100	407593		
67	54.9	0.0	109.0	

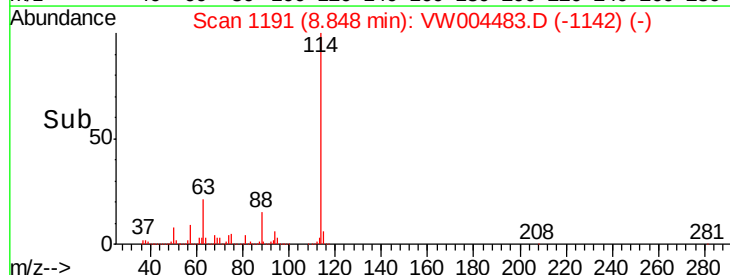
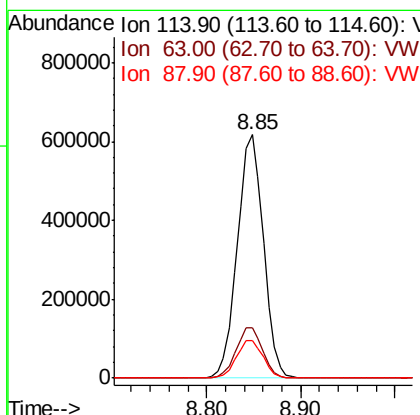
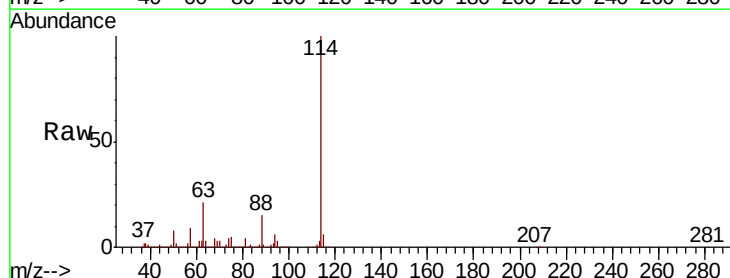
Manual Integrations
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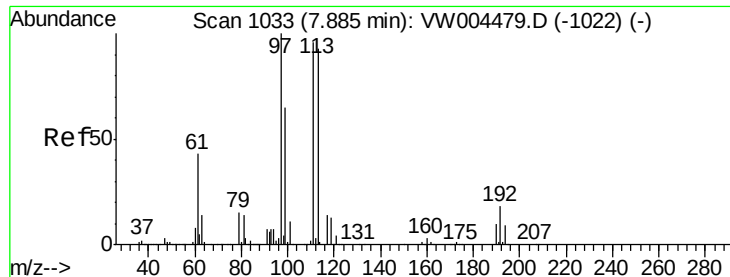
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004483.D
 Acq: 06 Aug 2018 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1191795		
63	20.6	0.0	42.4	
88	15.4	0.0	31.2	





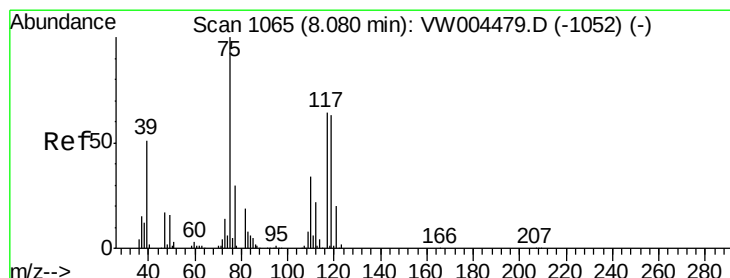
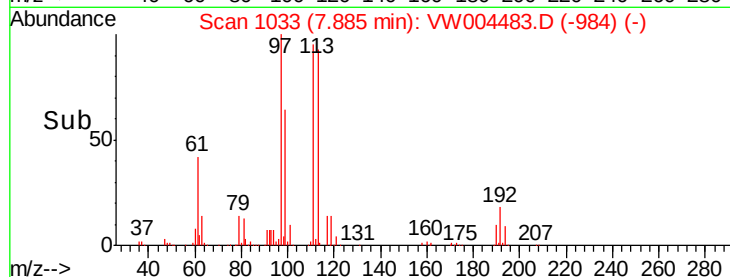
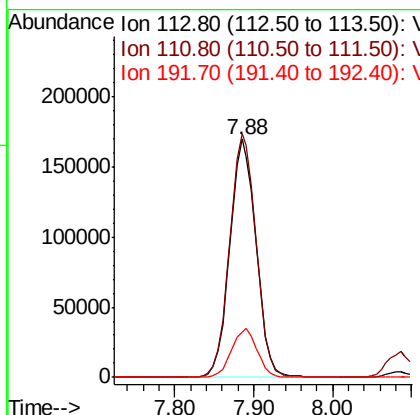
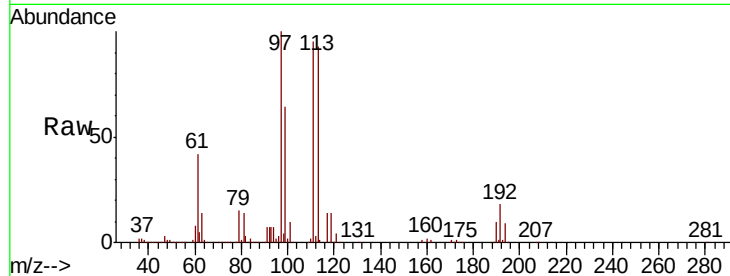
#35
 Dibromofluoromethane
 Concen: 49.32 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004483.D
 Acq: 06 Aug 2018 21:19

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW080618

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.9	124.3
192	20.0	15.8	23.6

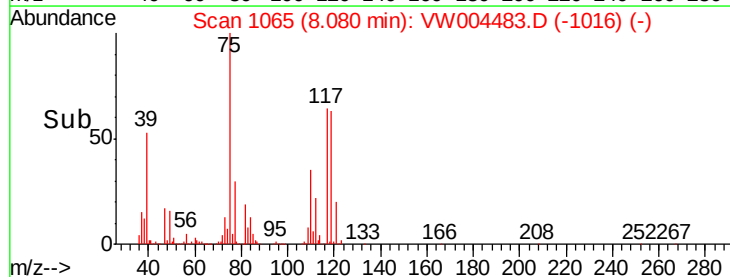
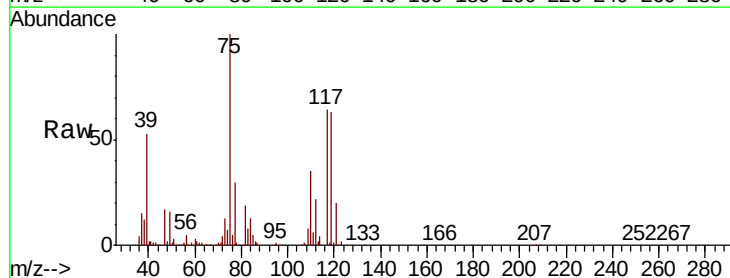
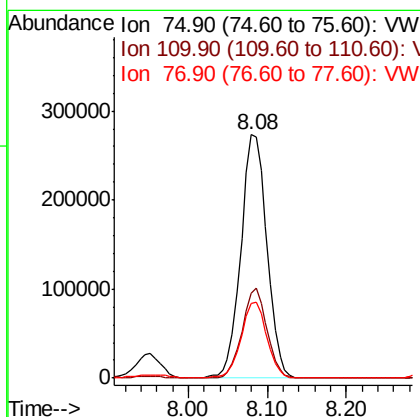
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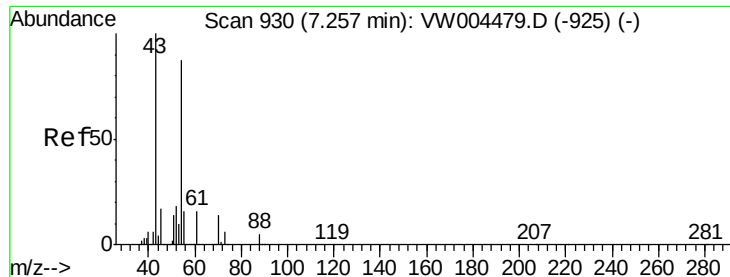
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#36
 1,1-Dichloropropene
 Concen: 48.94 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW004483.D
 Acq: 06 Aug 2018 21:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.1	17.4	52.2
77	31.0	24.7	37.1





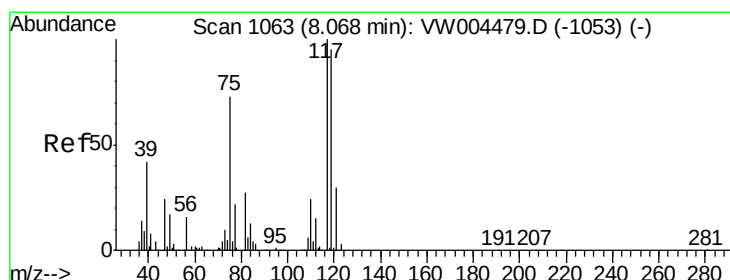
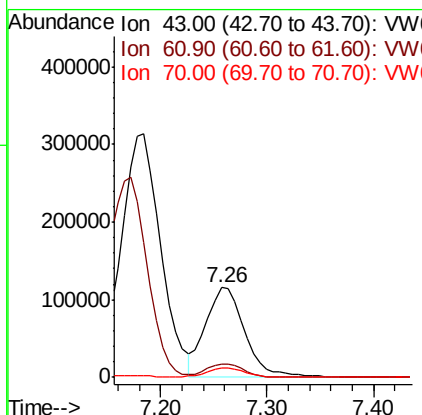
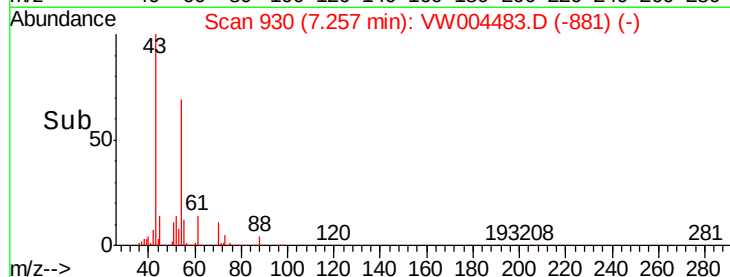
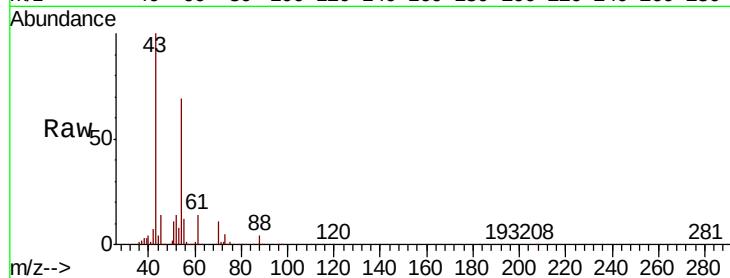
#37
Ethyl Acetate
Concen: 48.32 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW004483.D
Acq: 06 Aug 2018 21:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW080618

Tot Ion:	43	Resp:	290417
Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.9	17.9
70	10.6	8.2	12.4

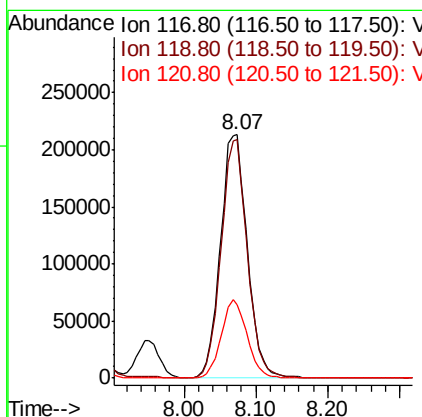
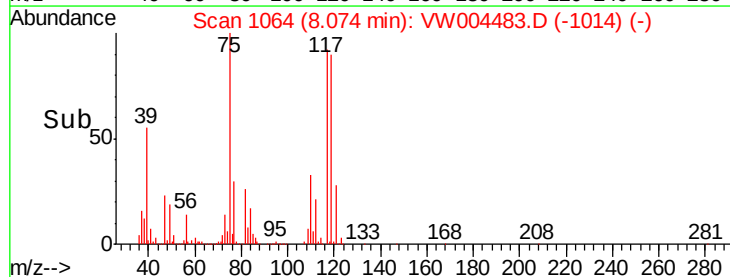
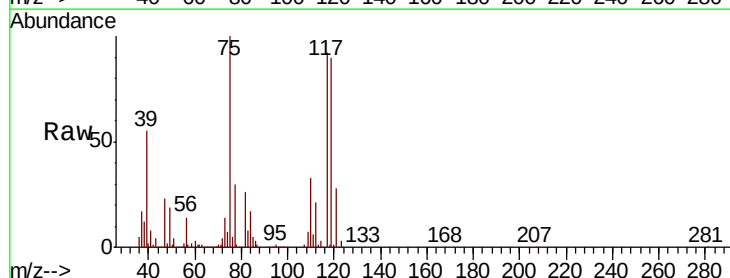
Manual Integrations
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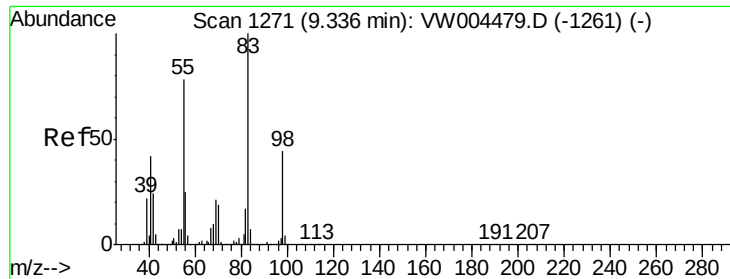
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#38
Carbon Tetrachloride
Concen: 47.92 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VW004483.D
Acq: 06 Aug 2018 21:19

Tgt Ion:	117	Resp:	553324
Ion	Ratio	Lower	Upper
117	100		
119	97.9	76.1	114.1
121	30.0	24.2	36.4





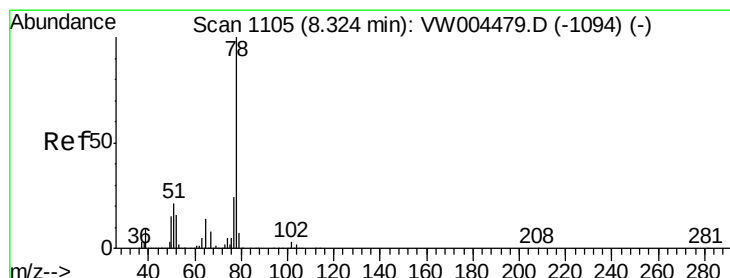
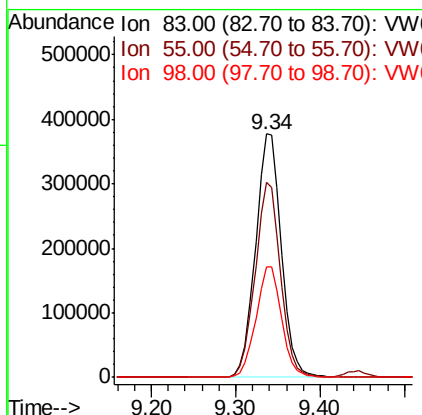
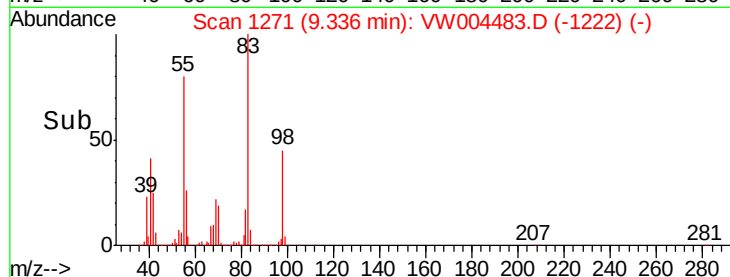
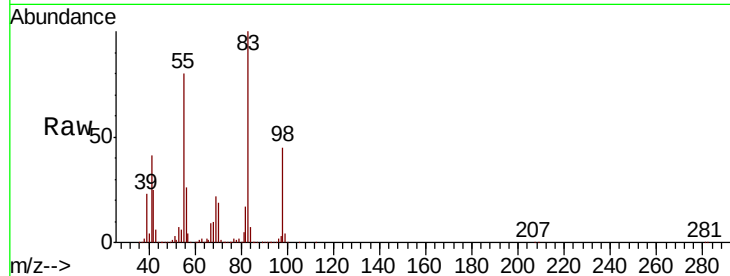
#39
Methylvlcyclohexane
Concen: 50.08 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004483.D
Acq: 06 Aug 2018 21:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW080618

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.3	62.5	93.7
98	45.2	35.4	53.2

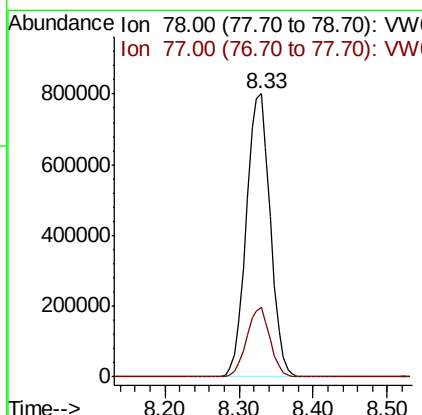
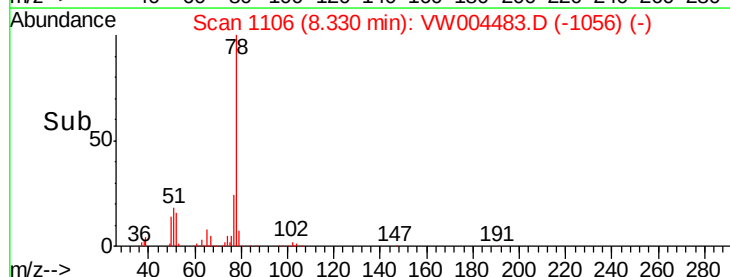
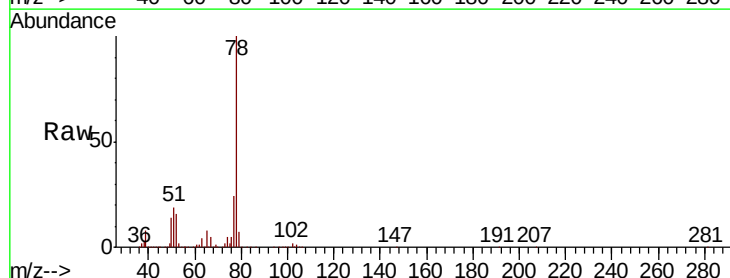
Manual Integrations
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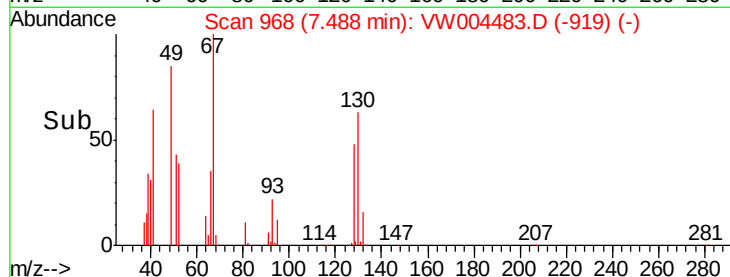
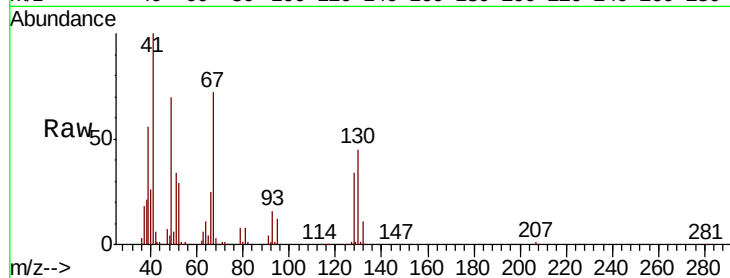
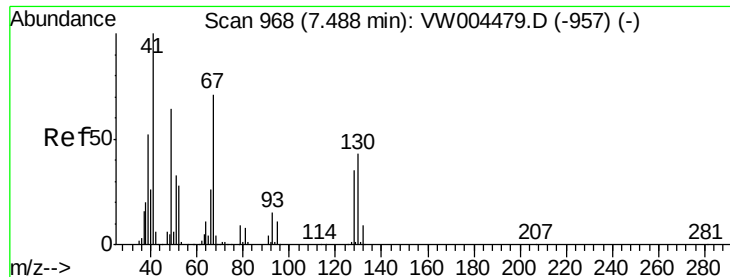
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#40
Benzene
Concen: 47.90 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.01 min
Lab File: VW004483.D
Acq: 06 Aug 2018 21:19

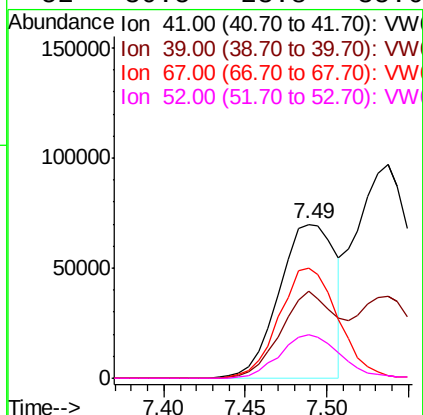
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.0	28.6





#41
Methacrylonitrile
Concen: 50.02 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004483.D
Acq: 06 Aug 2018 21:19

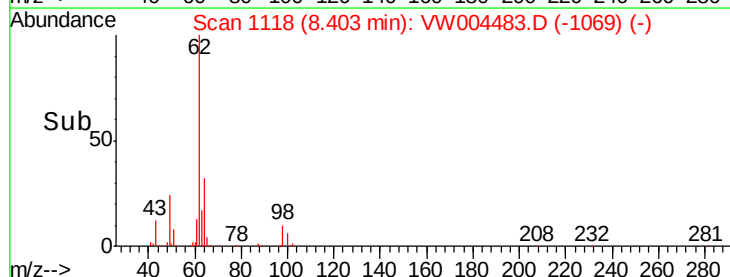
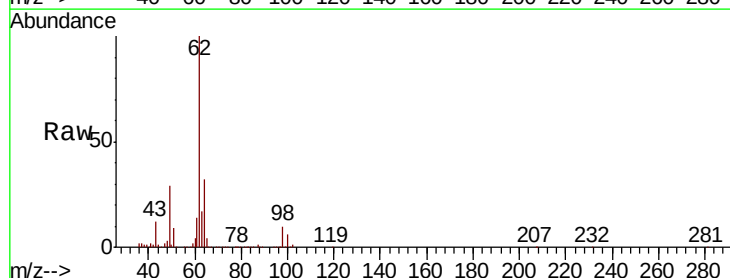
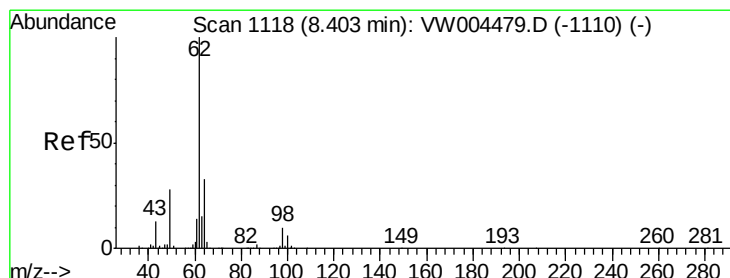
Tot Ion	Ratio	Lower	Upper
41	100		
39	57.5	46.2	69.2
67	75.1	60.8	91.2
52	30.5	23.8	35.6



Instrument :
MSVOA_W
ClientSampleId :
ICVW080618

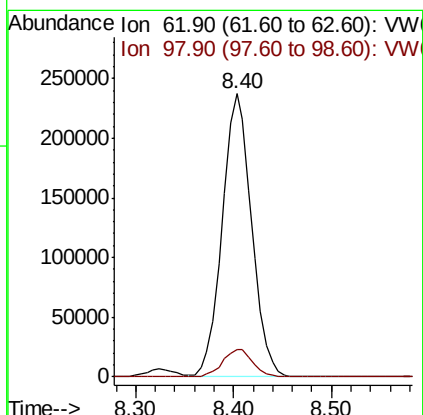
Manual Integrations
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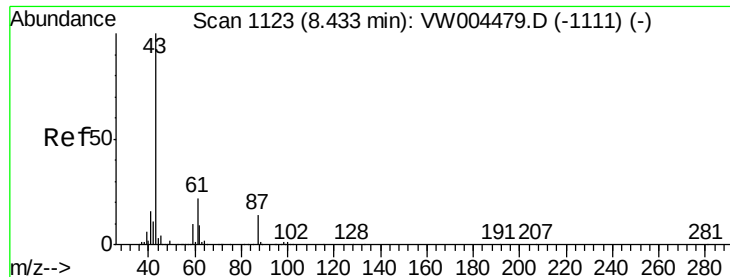
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#42
1,2-Dichloroethane
Concen: 47.28 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW004483.D
Acq: 06 Aug 2018 21:19

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.6





#43

Isopropyl Acetate

Concen: 49.70 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW004483.D

Acq: 06 Aug 2018 21:19

Instrument :

MSVOA_W

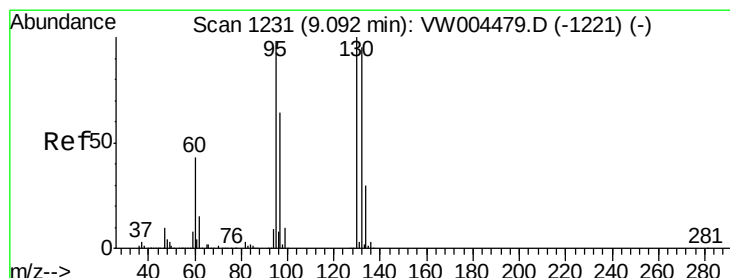
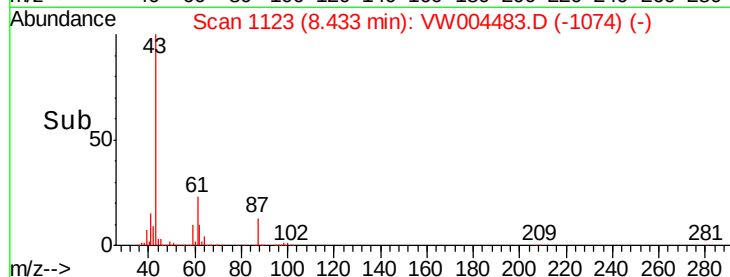
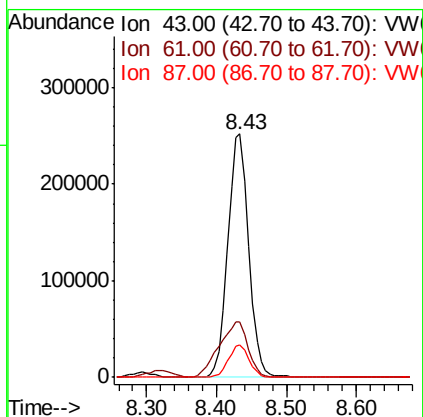
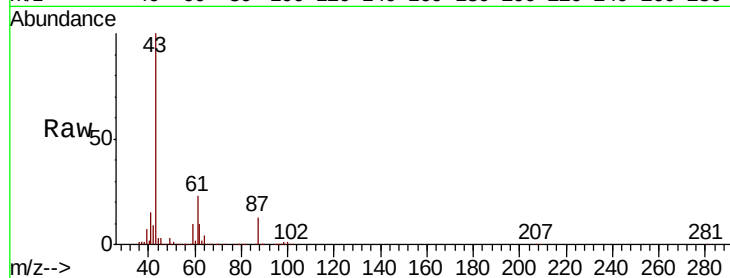
ClientSampleId :

ICVW080618

Tot Ion:	43	Resp:	520645
Ion	Ratio	Lower	Upper
43	100		
61	31.5	25.2	37.8
87	13.3	10.6	16.0

Manual Integrations
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#44

Trichloroethene

Concen: 47.39 ug/l

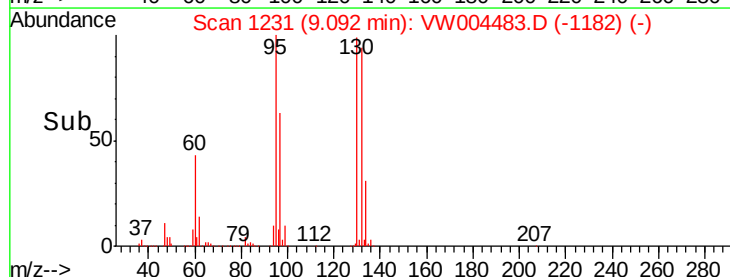
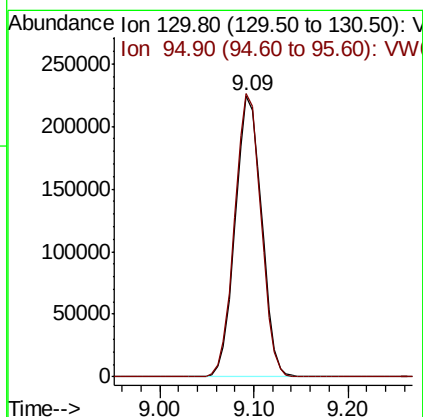
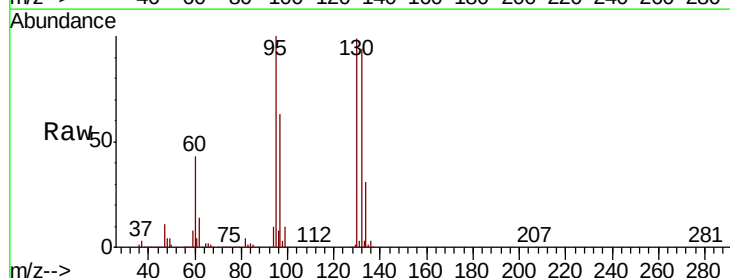
RT: 9.09 min Scan# 1231

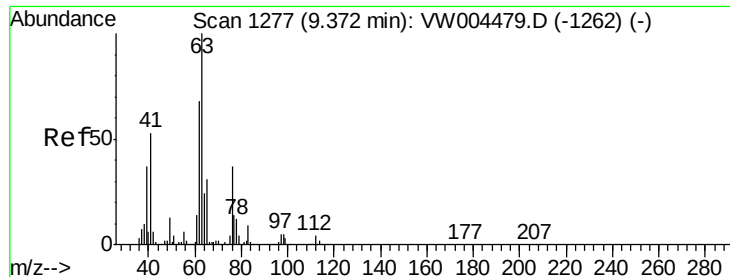
Delta R.T. 0.00 min

Lab File: VW004483.D

Acq: 06 Aug 2018 21:19

Tgt Ion:	130	Resp:	438800
Ion	Ratio	Lower	Upper
130	100		
95	100.6	0.0	196.2





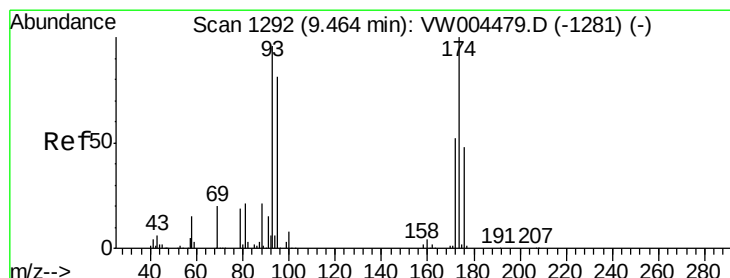
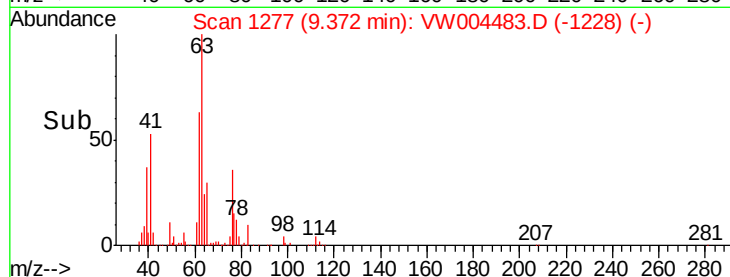
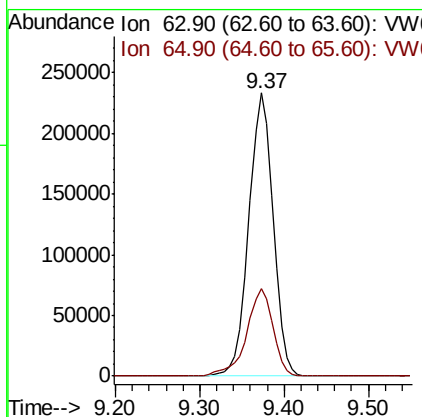
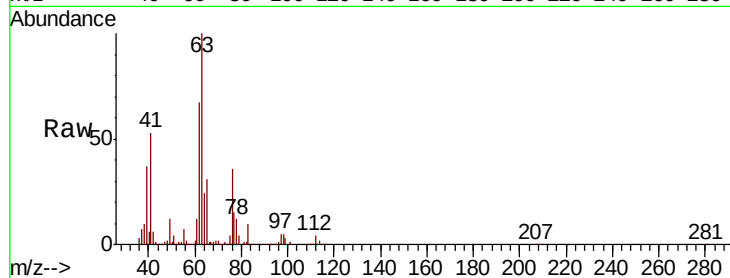
#45
 1,2-Dichloropropane
 Concen: 48.23 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004483.D
 Acq: 06 Aug 2018 21:19

Instrument :
 MSVOA_W
 ClientSampled :
 ICVVW080618

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.9	24.5	36.7

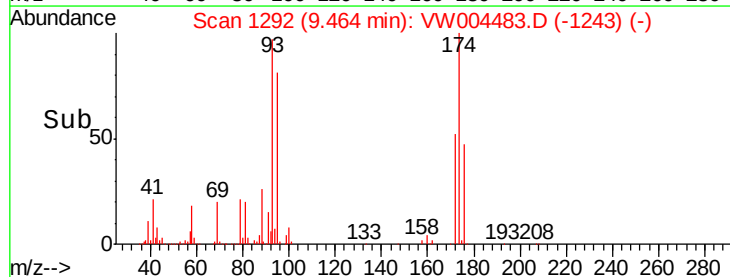
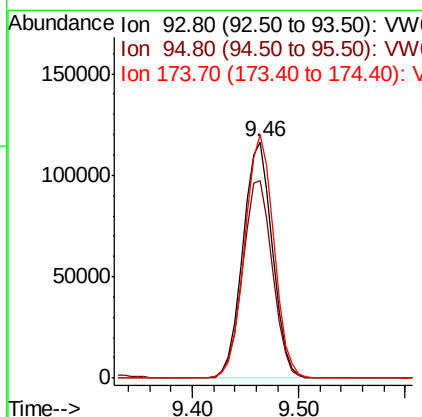
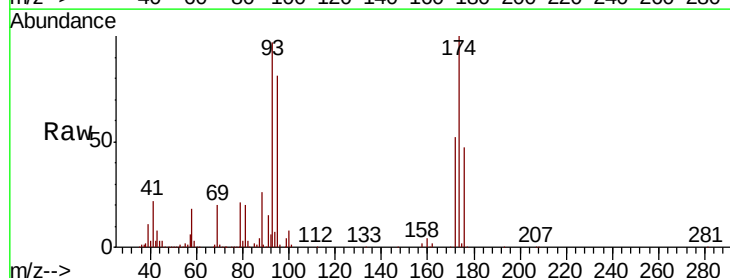
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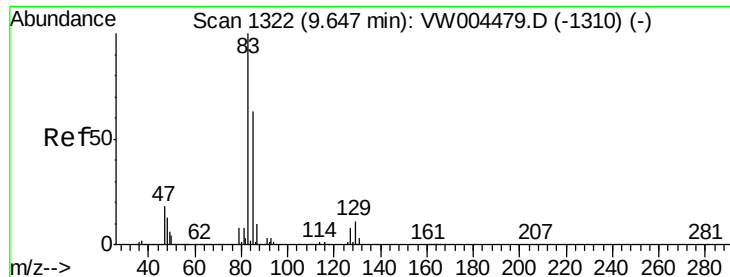
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#46
 Dibromomethane
 Concen: 47.16 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW004483.D
 Acq: 06 Aug 2018 21:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.9	67.0	100.4
174	102.0	80.2	120.4





#47

Bromodichloromethane

Concen: 48.15 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW004483.D

Acq: 06 Aug 2018 21:19

Instrument :

MSVOA_W

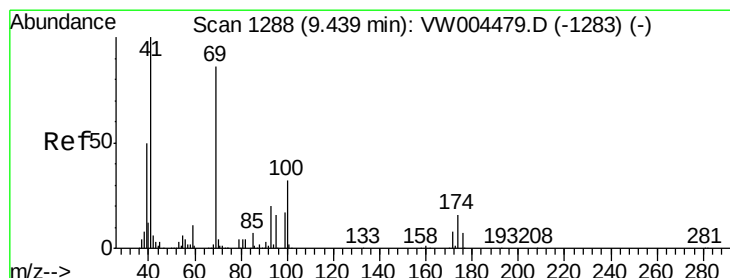
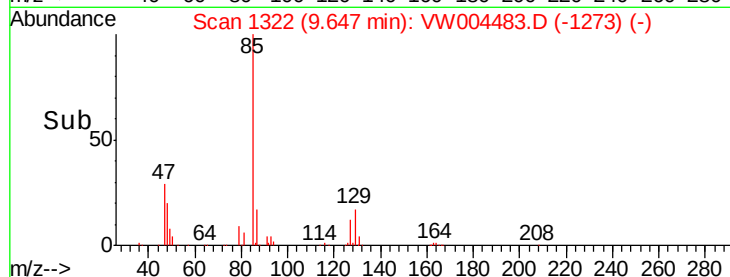
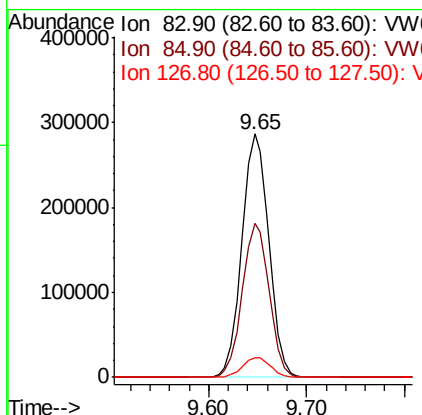
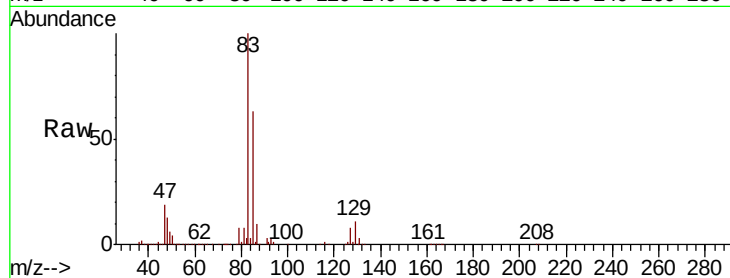
ClientSampleId :

ICVW080618

Tot Ion:	83	Resp:	546006
Ion Ratio	Lower	Upper	
83	100		
85	63.5	50.7	76.1
127	7.9	6.5	9.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.40 ug/l

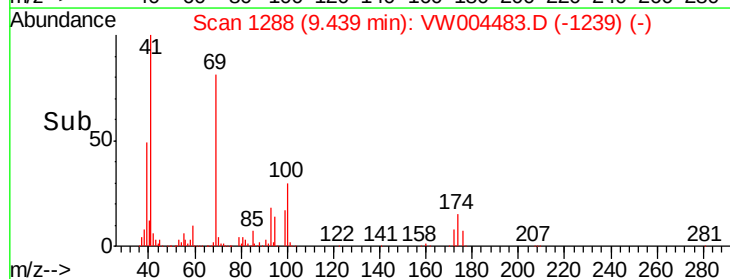
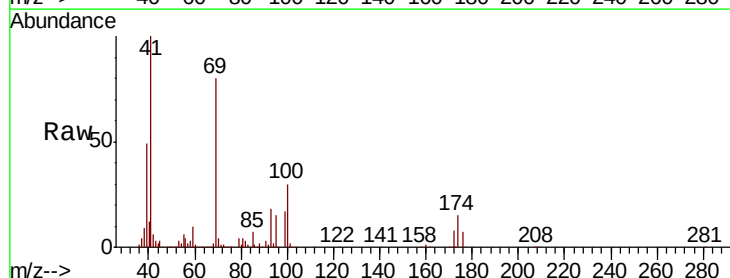
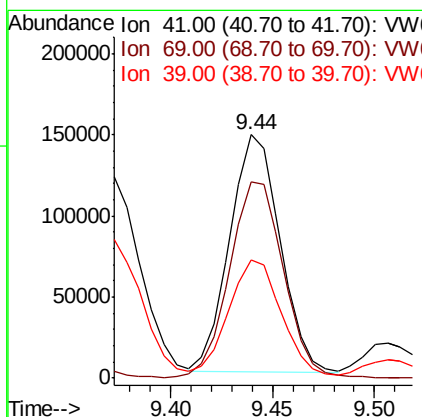
RT: 9.44 min Scan# 1288

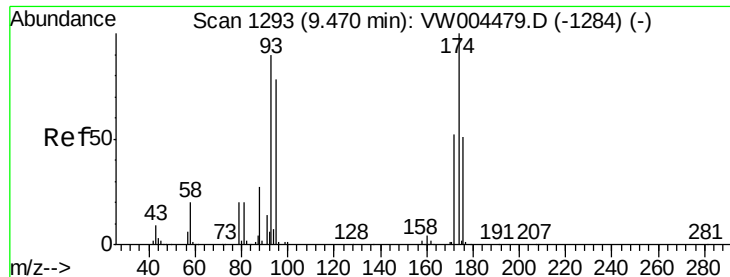
Delta R.T. 0.00 min

Lab File: VW004483.D

Acq: 06 Aug 2018 21:19

Tgt Ion:	41	Resp:	251672
Ion Ratio	Lower	Upper	
41	100		
69	88.7	73.2	109.8
39	49.3	40.6	60.8





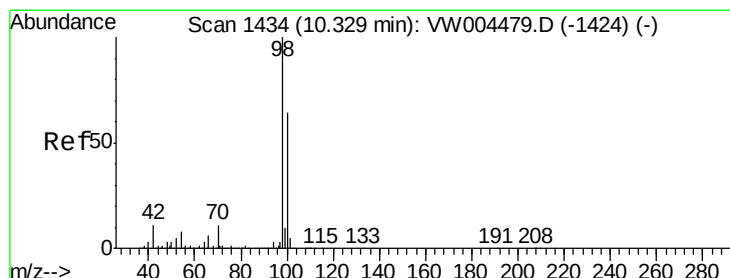
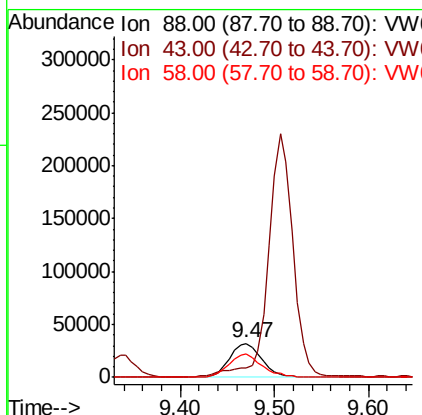
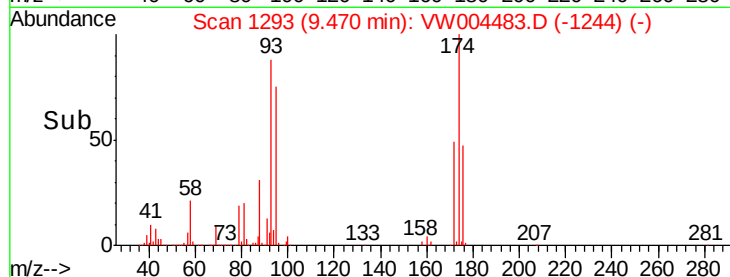
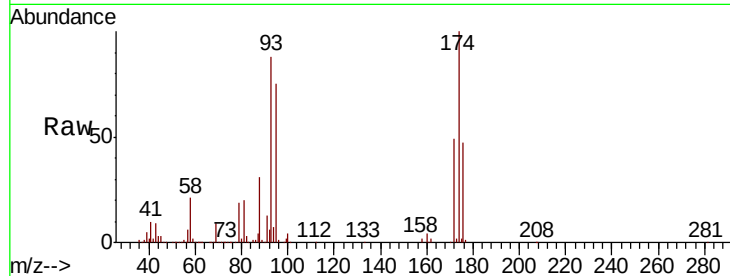
#49
1,4-Dioxane
Concen: 1050.13 ug/l
RT: 9.47 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VW004483.D
Acq: 06 Aug 2018 21:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW080618

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	73.6	63.5	95.3

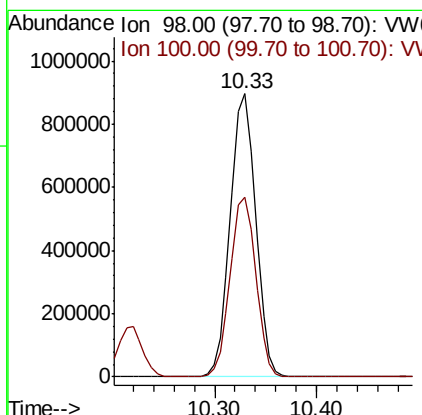
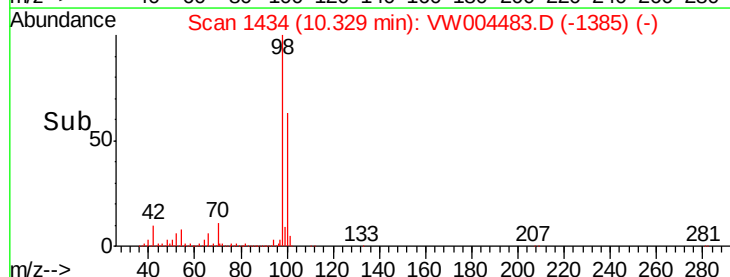
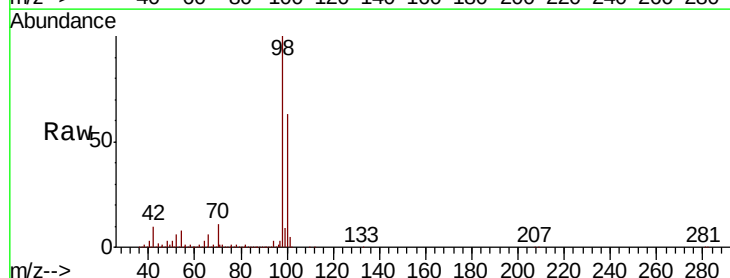
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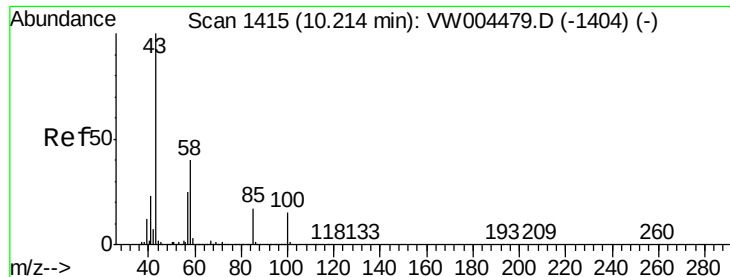
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#50
Toluene-d8
Concen: 51.09 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004483.D
Acq: 06 Aug 2018 21:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.4	77.2





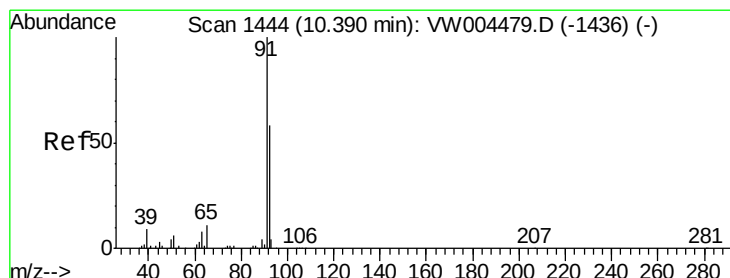
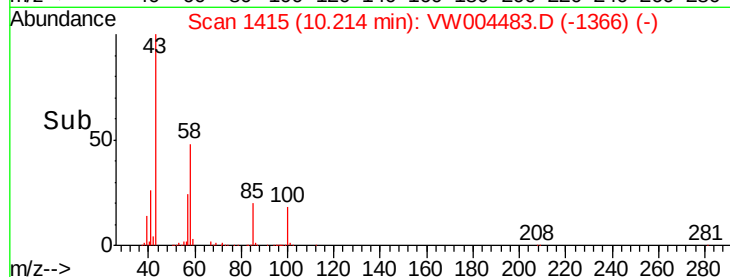
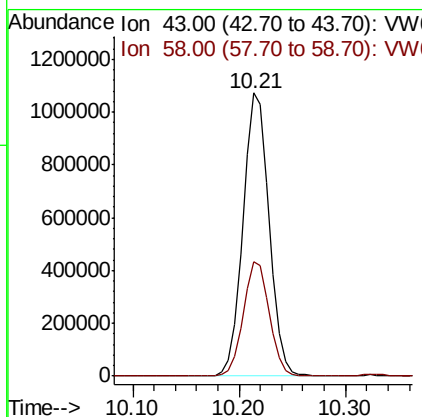
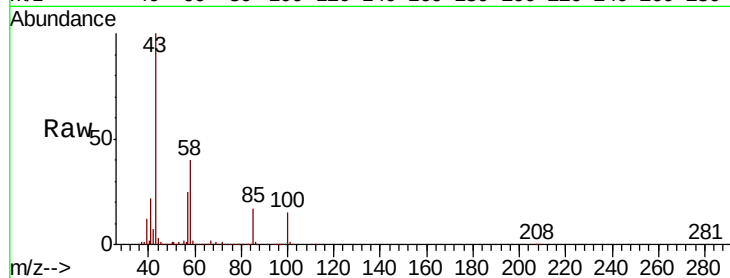
#51
4-Methyl-2-Pentanone
Concen: 253.35 ug/l
RT: 10.21 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VW004483.D
Acq: 06 Aug 2018 21:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW080618

Tot Ion: 43 Resp: 1847440
Ion Ratio Lower Upper
43 100
58 40.3 31.9 47.9

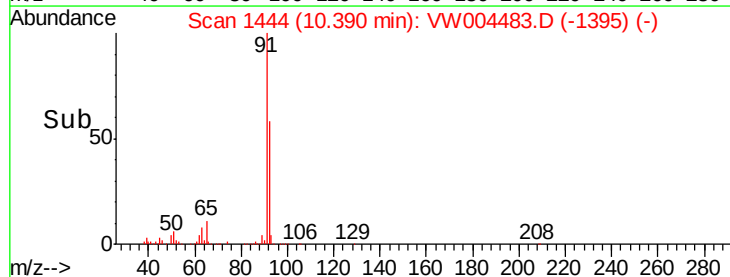
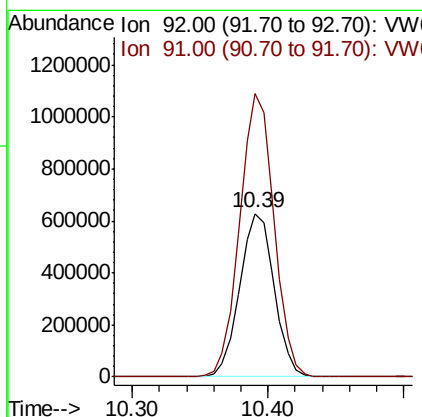
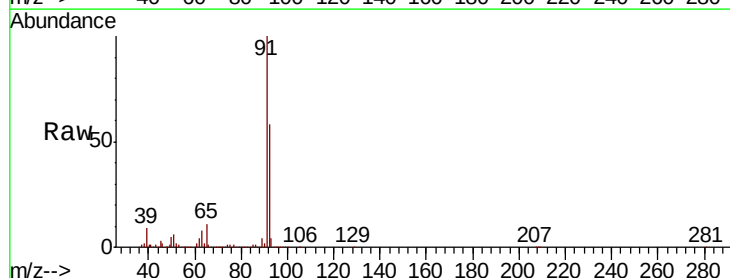
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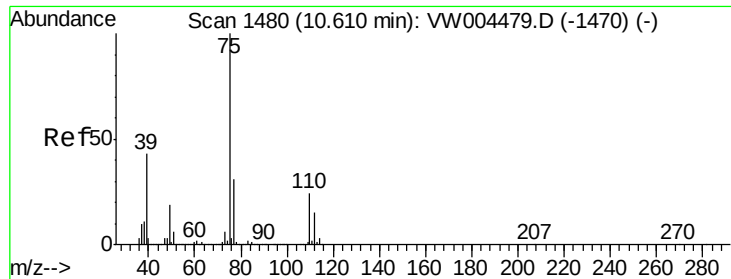
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#52
Toluene
Concen: 49.83 ug/l
RT: 10.39 min Scan# 1444
Delta R.T. 0.00 min
Lab File: VW004483.D
Acq: 06 Aug 2018 21:19

Tgt Ion: 92 Resp: 1107343
Ion Ratio Lower Upper
92 100
91 172.7 137.9 206.9





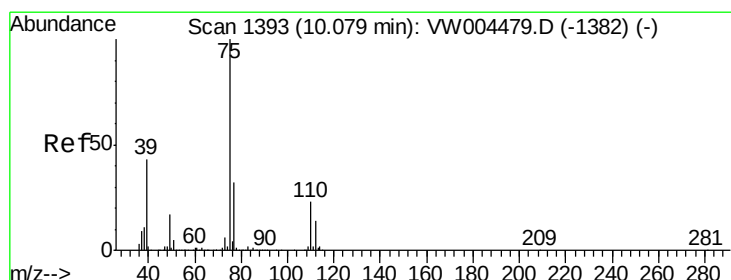
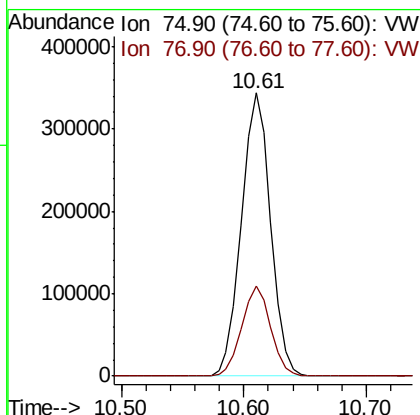
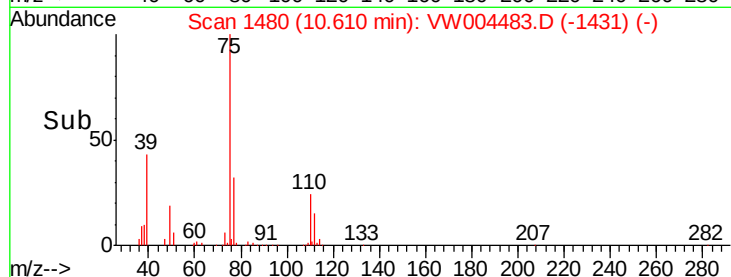
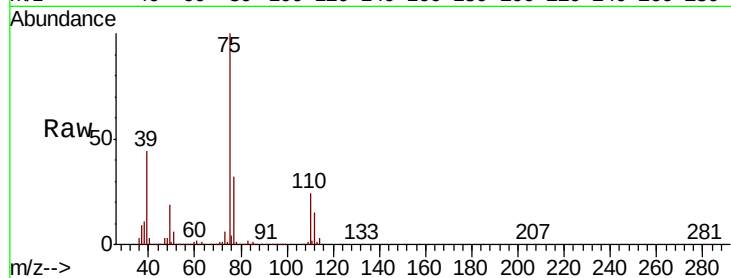
#53
t-1,3-Dichloropropene
Concen: 49.89 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW004483.D
Acq: 06 Aug 2018 21:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW080618

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.1	37.7

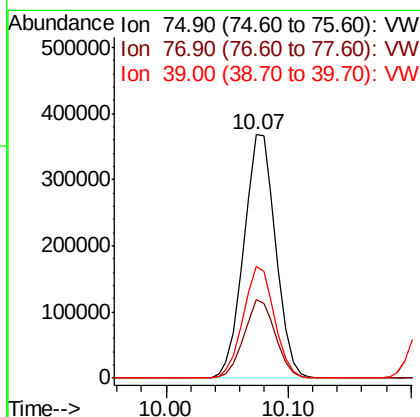
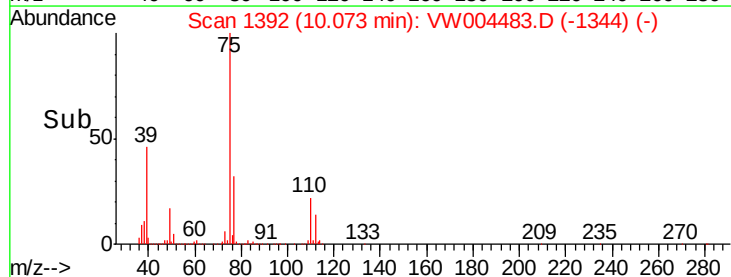
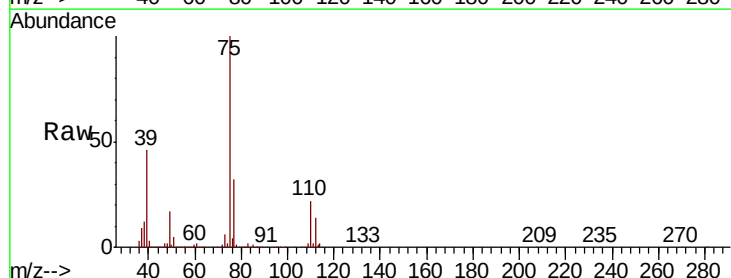
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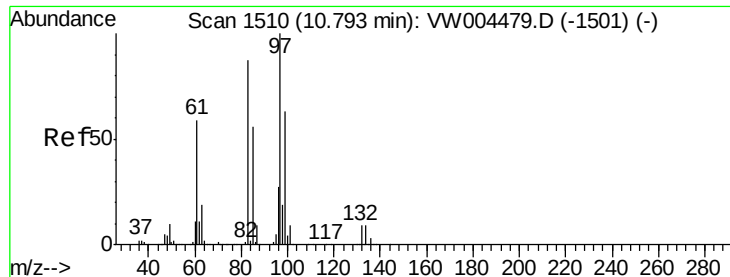
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#54
cis-1,3-Dichloropropene
Concen: 50.37 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.01 min
Lab File: VW004483.D
Acq: 06 Aug 2018 21:19

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.3	37.9
39	46.0	34.5	51.7





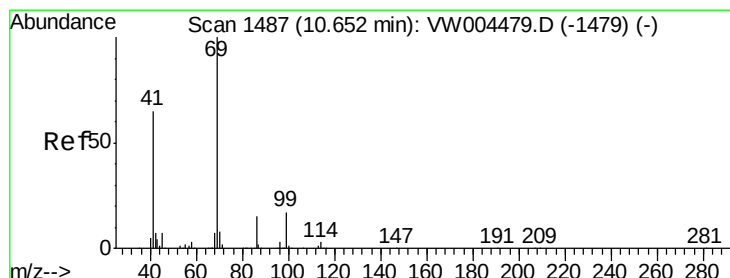
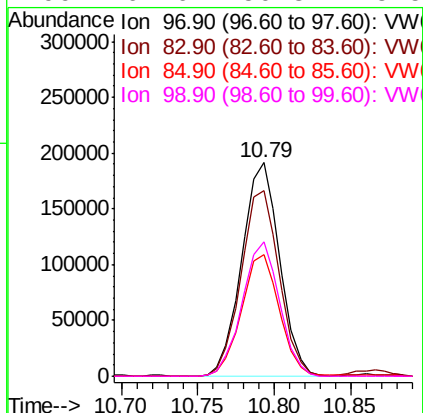
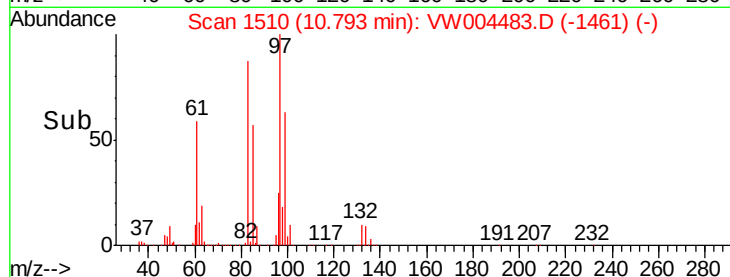
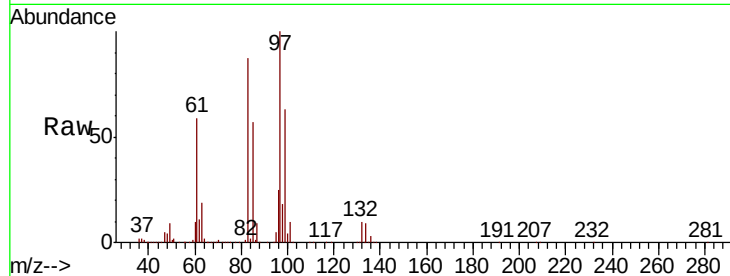
#55
 1,1,2-Trichloroethane
 Concen: 47.75 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW004483.D
 Acq: 06 Aug 2018 21:19

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW080618

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		328784		
83	86.6	69.8	104.8		
85	56.8	45.1	67.7		
99	62.6	50.3	75.5		

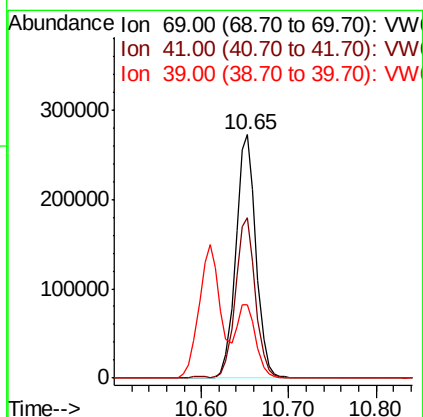
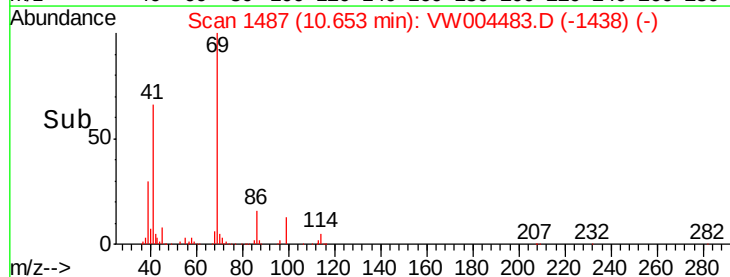
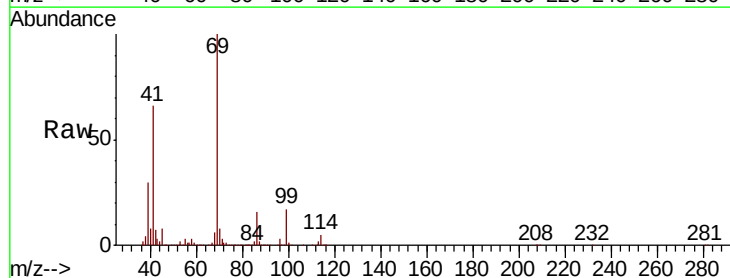
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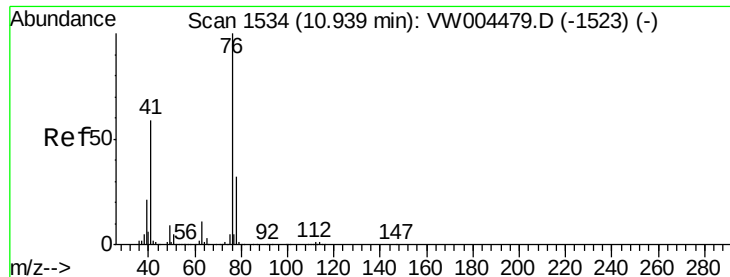
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#56
 Ethyl methacrylate
 Concen: 53.06 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004483.D
 Acq: 06 Aug 2018 21:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		437411		
41	65.0	52.4	78.6		
39	28.3	22.7	34.1		





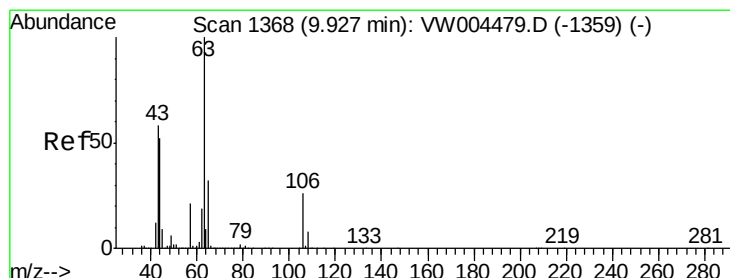
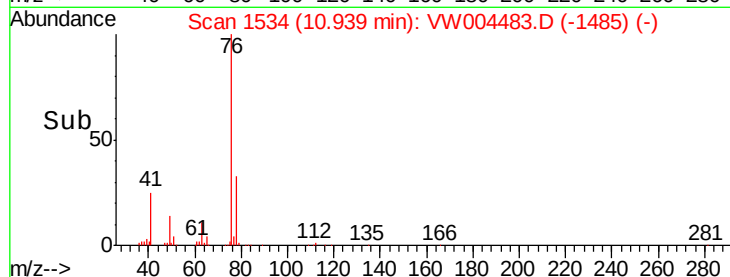
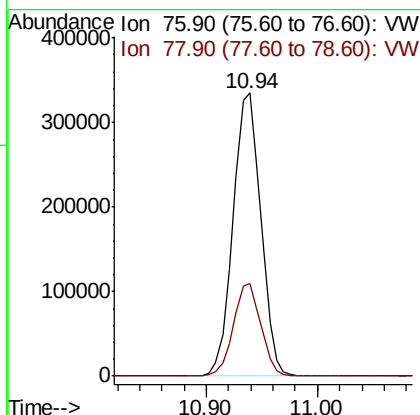
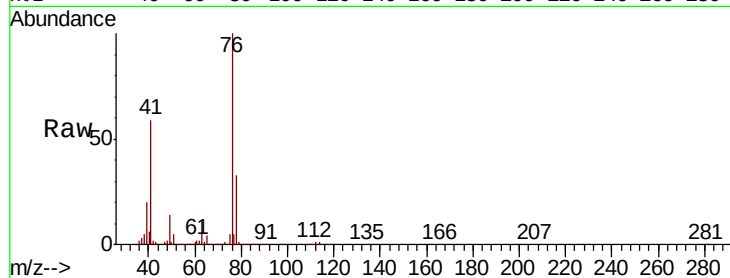
#57
 1,3-Dichloropropane
 Concen: 48.79 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW004483.D
 Acq: 06 Aug 2018 21:19

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW080618

Tot Ion: 76 Resp: 579081
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.7 38.5

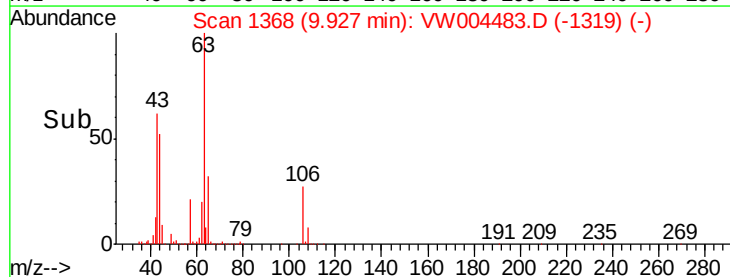
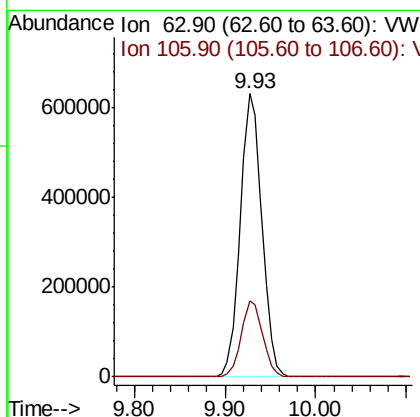
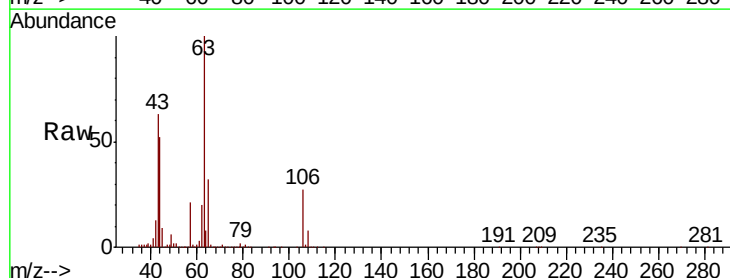
Manual Integrations
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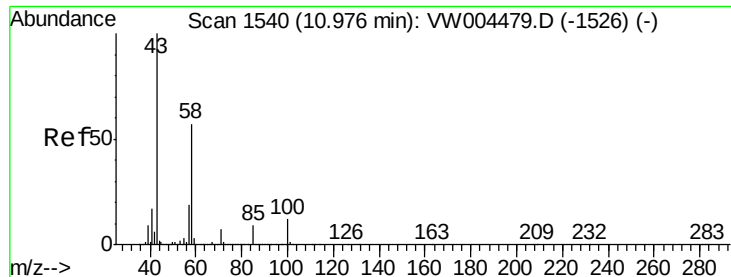
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#58
 2-Chloroethyl Vinyl ether
 Concen: 238.68 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW004483.D
 Acq: 06 Aug 2018 21:19

Tgt Ion: 63 Resp: 1043110
 Ion Ratio Lower Upper
 63 100
 106 26.8 21.3 31.9





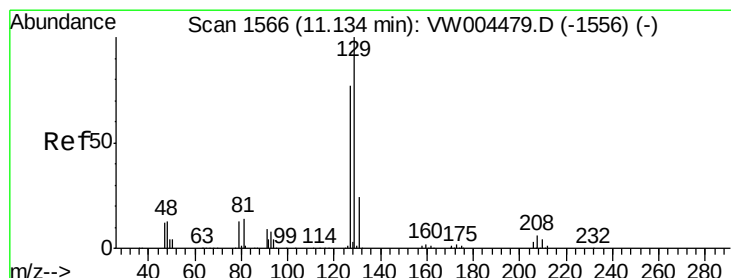
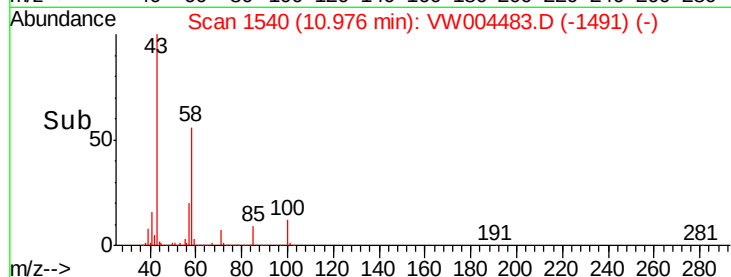
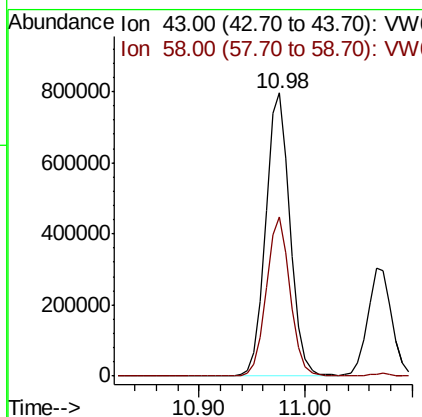
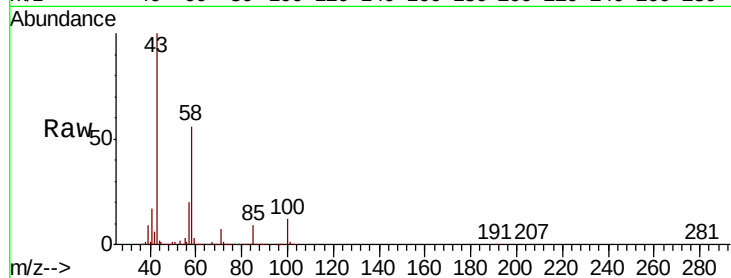
#59
2-Hexanone
Concen: 256.15 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004483.D
Acq: 06 Aug 2018 21:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW080618

Tot Ion: 43 Resp: 1266418
Ion Ratio Lower Upper
43 100
58 55.2 27.9 83.6

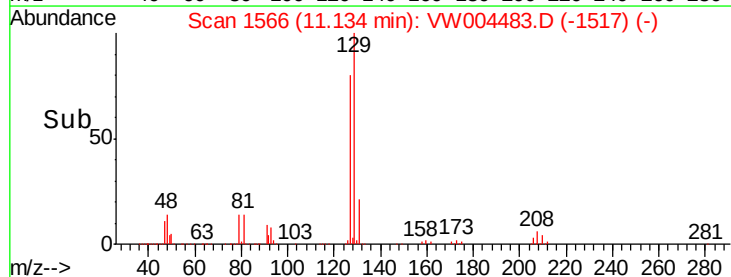
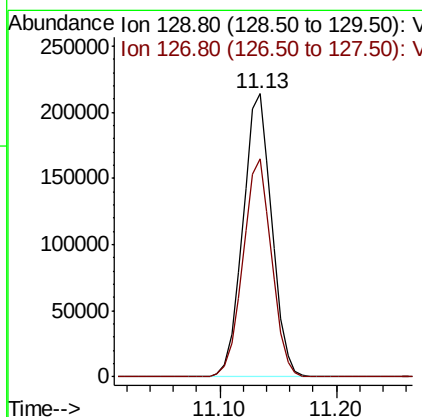
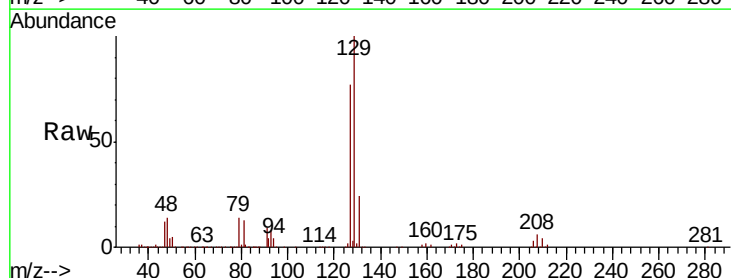
Manual Integrations
APPROVED

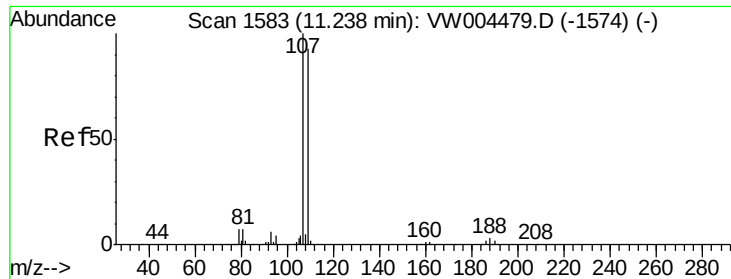
apatel
8/7/2018 4:49:19 PM



#60
Dibromochloromethane
Concen: 49.29 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW004483.D
Acq: 06 Aug 2018 21:19

Tgt Ion: 129 Resp: 369109
Ion Ratio Lower Upper
129 100
127 76.6 38.6 115.8





#61

1,2-Dibromoethane

Concen: 48.75 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW004483.D

Acq: 06 Aug 2018 21:19

Instrument :

MSVOA_W

ClientSampleId :

ICVW080618

Tot Ion: 107 Resp: 315364

Ion Ratio Lower Upper

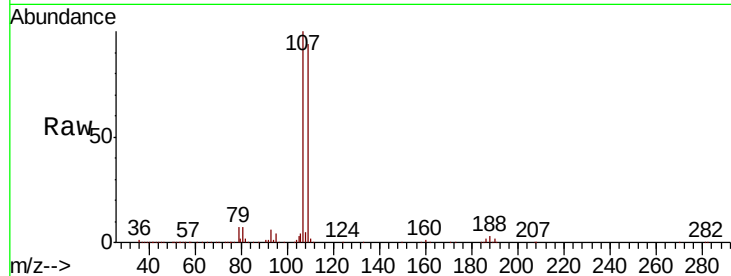
107 100

109 95.7 75.7 113.5

Manual Integrations
APPROVED

apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

200000

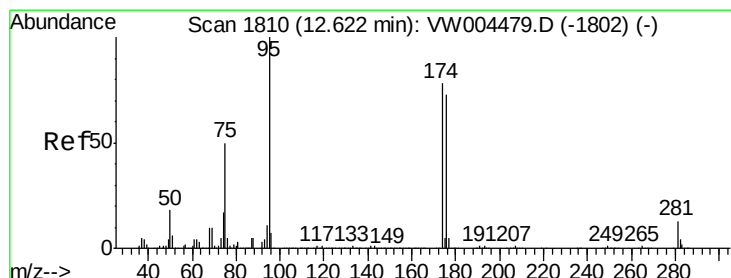
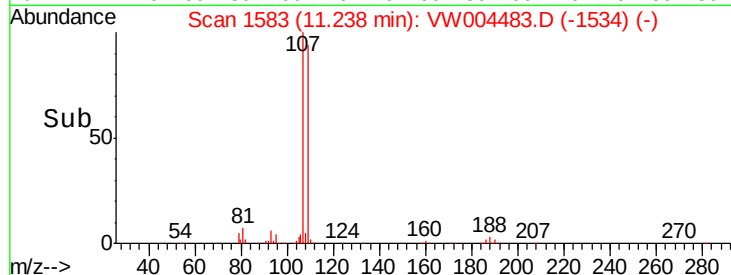
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.63 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004483.D

Acq: 06 Aug 2018 21:19

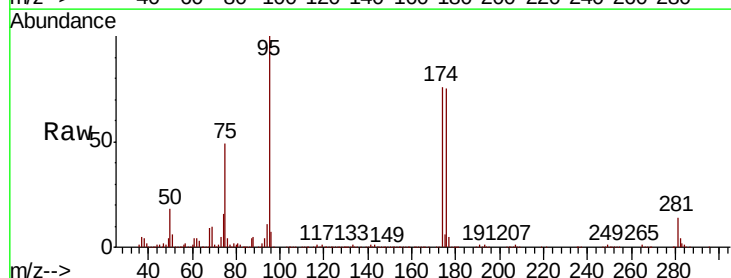
Tgt Ion: 95 Resp: 574337

Ion Ratio Lower Upper

95 100

174 79.1 0.0 160.4

176 76.9 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

12.62

400000

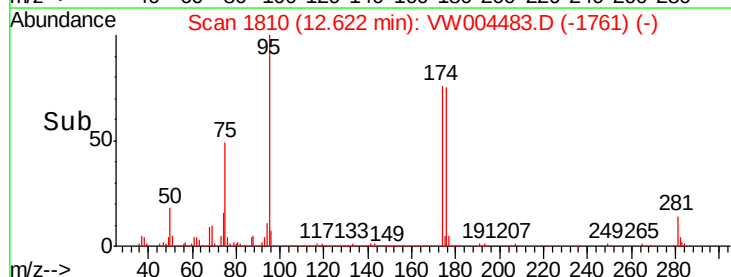
300000

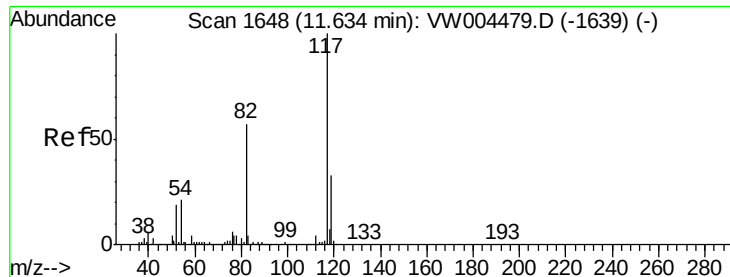
200000

100000

0

Time-->





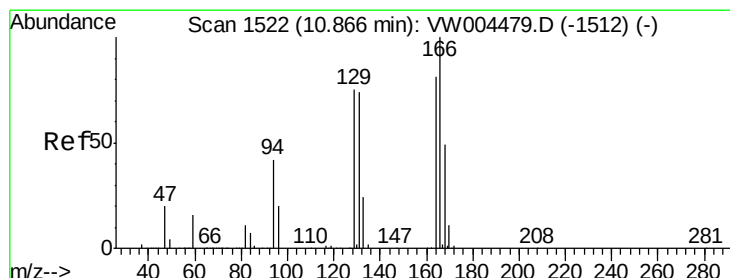
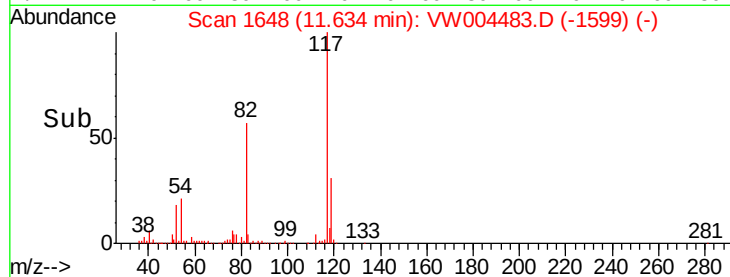
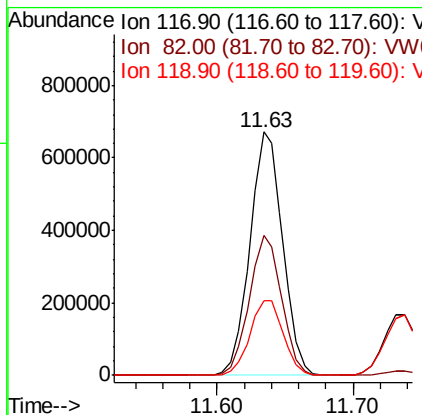
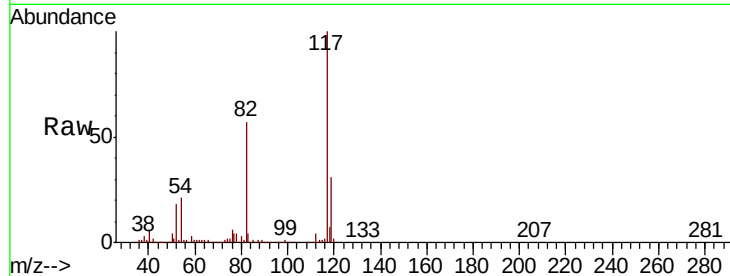
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004483.D
Acq: 06 Aug 2018 21:19

Instrument :
MSVOA_W
ClientSampled :
ICVW080618

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.4	45.3	67.9
119	30.9	26.2	39.4

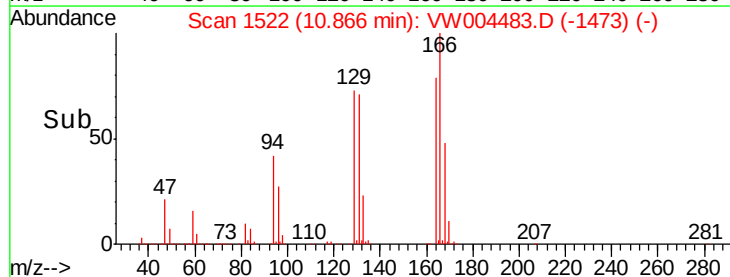
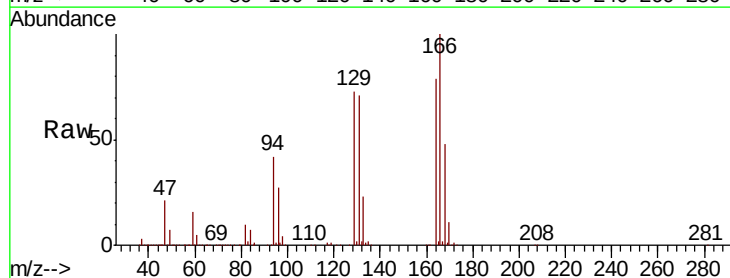
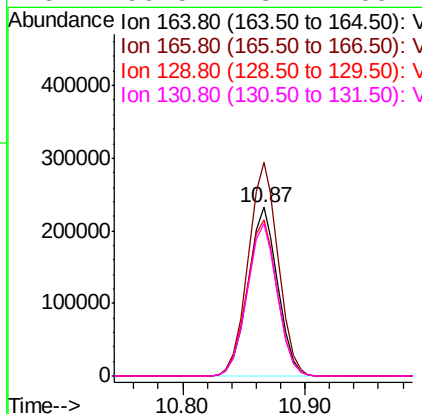
Manual Integrations
APPROVED

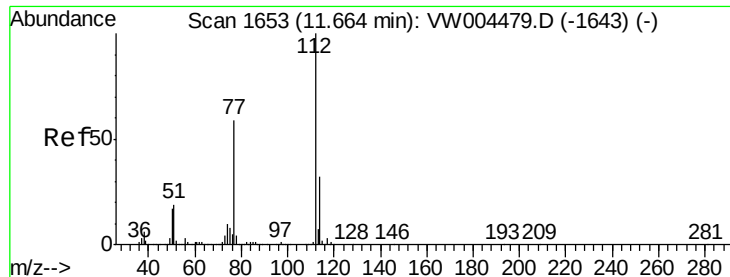
apatel
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#64
Tetrachloroethene
Concen: 49.49 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004483.D
Acq: 06 Aug 2018 21:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.6	98.4	147.6
129	93.0	73.6	110.4
131	90.5	73.1	109.7





#65

Chlorobenzene

Concen: 48.75 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW004483.D

Acq: 06 Aug 2018 21:19

Instrument :

MSVOA_W

ClientSampleId :

ICVW080618

Tot Ion:112 Resp: 1216134

Ion Ratio Lower Upper

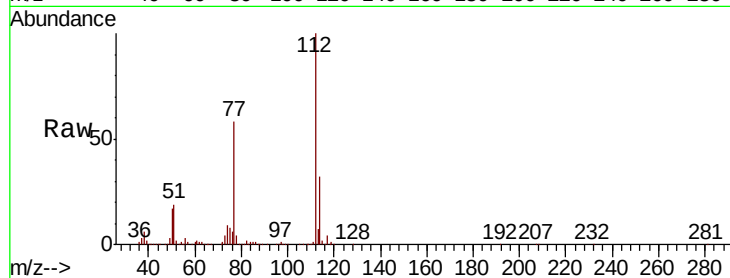
112 100

114 31.7 26.0 39.0

Manual Integrations
APPROVED

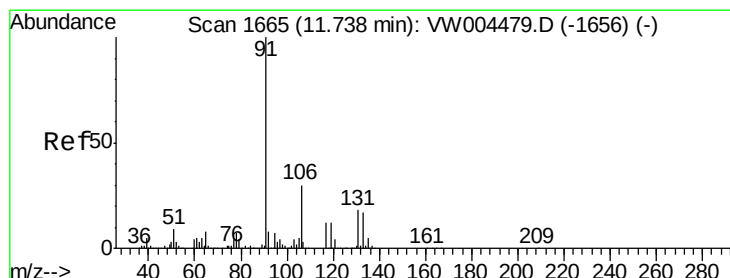
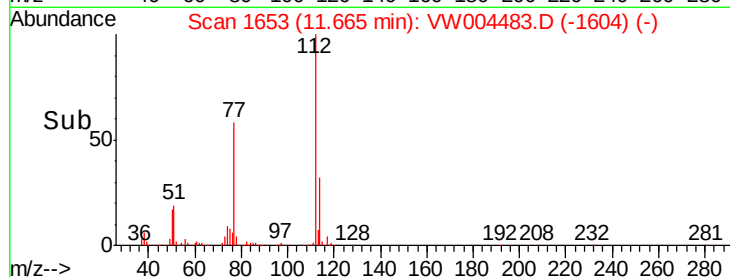
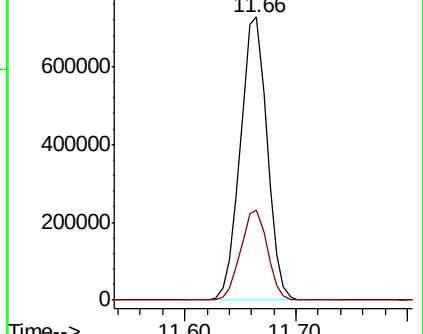
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 48.96 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW004483.D

Acq: 06 Aug 2018 21:19

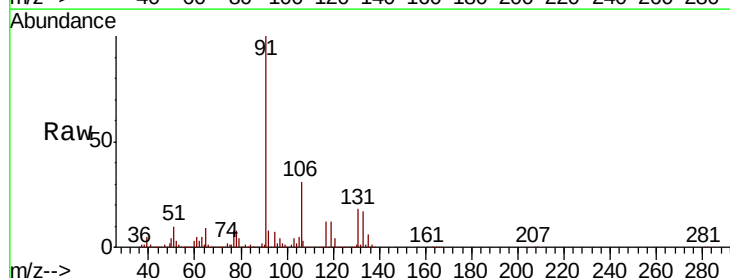
Tgt Ion:131 Resp: 415863

Ion Ratio Lower Upper

131 100

133 94.5 48.1 144.4

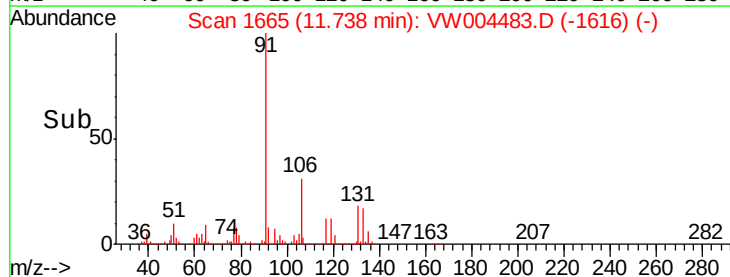
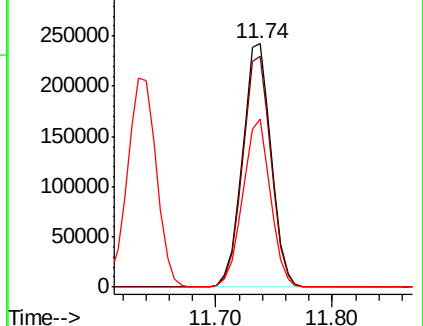
119 66.9 33.9 101.7

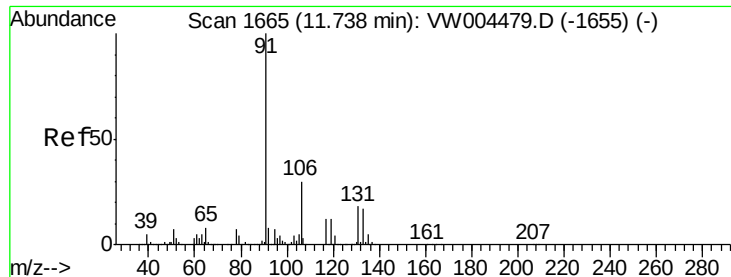


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





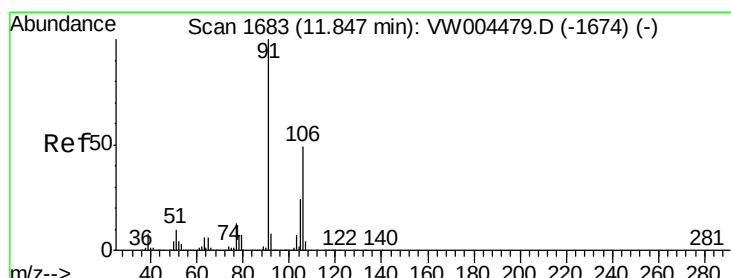
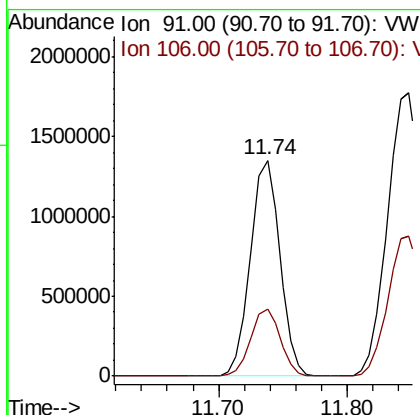
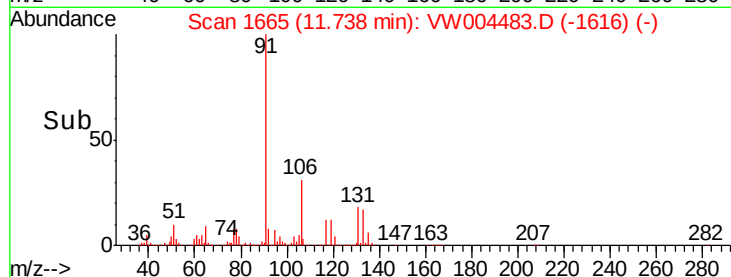
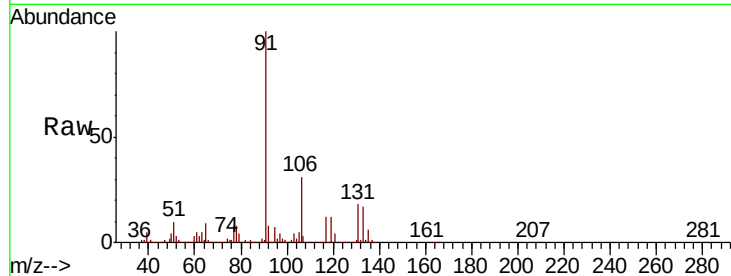
#67
Ethyl Benzene
Concen: 50.50 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004483.D
Acq: 06 Aug 2018 21:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW080618

Tot Ion: 91 Resp: 2135627
Ion Ratio Lower Upper
91 100
106 30.9 24.2 36.2

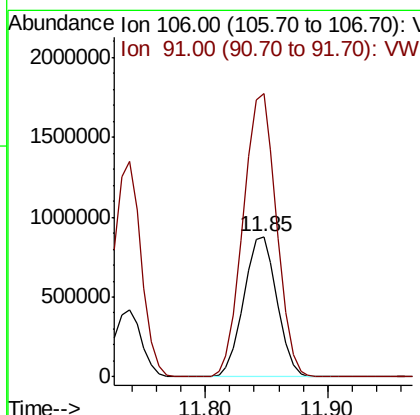
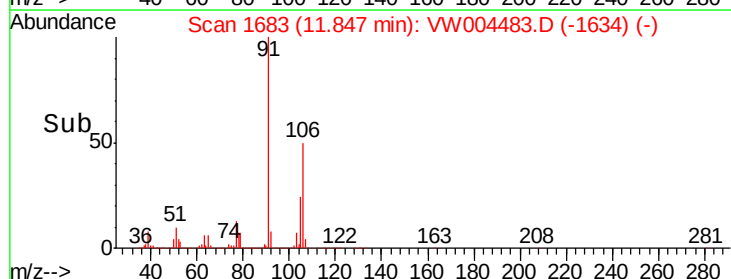
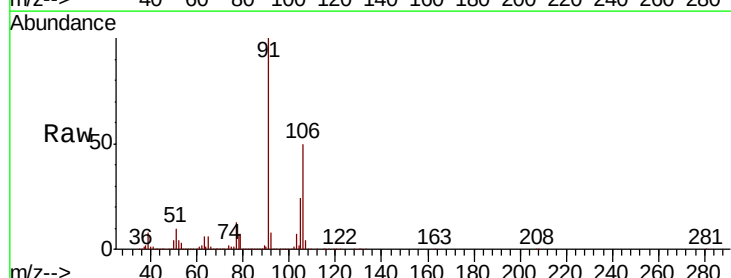
Manual Integrations
APPROVED

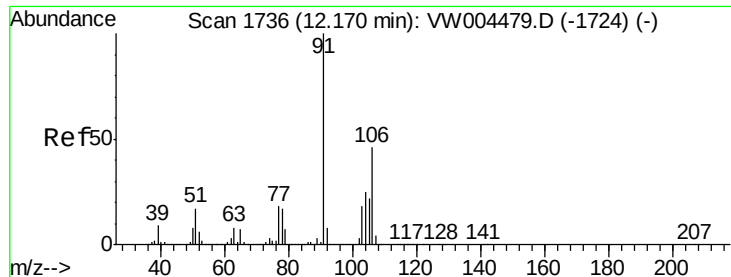
apatel
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#68
m/p-Xylenes
Concen: 101.27 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW004483.D
Acq: 06 Aug 2018 21:19

Tgt Ion: 106 Resp: 1655136
Ion Ratio Lower Upper
106 100
91 202.9 162.8 244.2





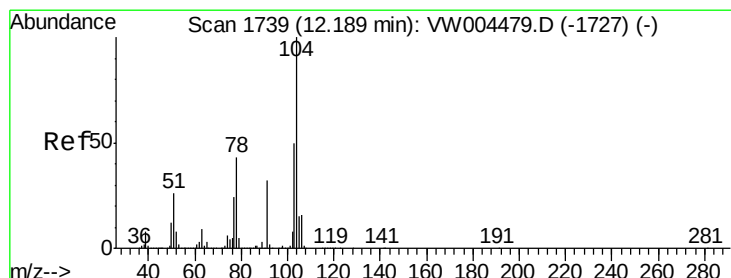
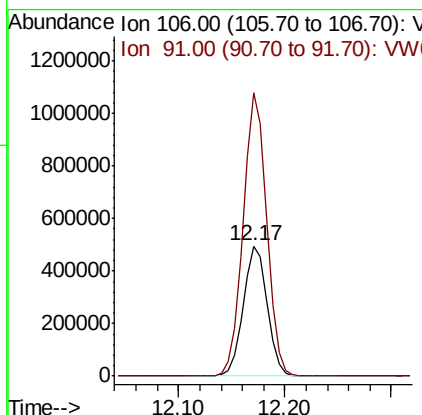
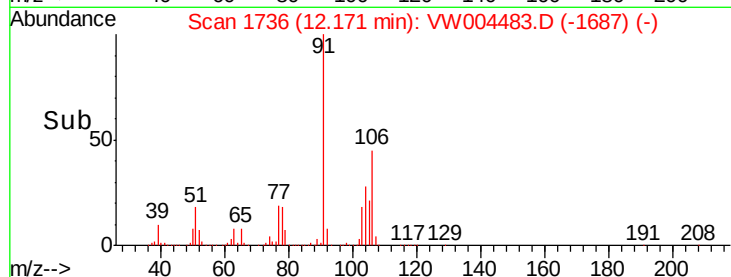
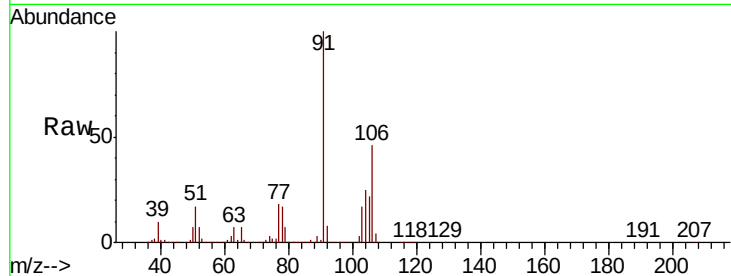
#69
o-Xylene
Concen: 51.55 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004483.D
Acq: 06 Aug 2018 21:19

Instrument :
MSVOA_W
ClientSampled :
ICVW080618

Tot Ion:106 Resp: 781311
Ion Ratio Lower Upper
106 100
91 214.0 106.7 320.2

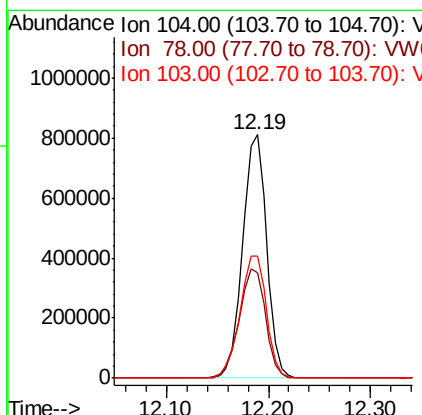
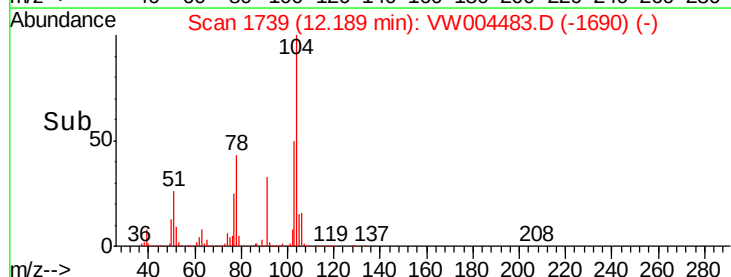
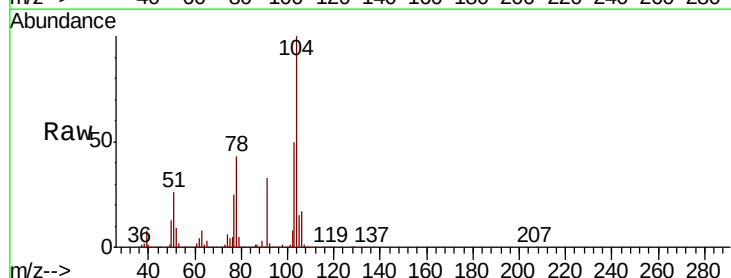
Manual Integrations
APPROVED

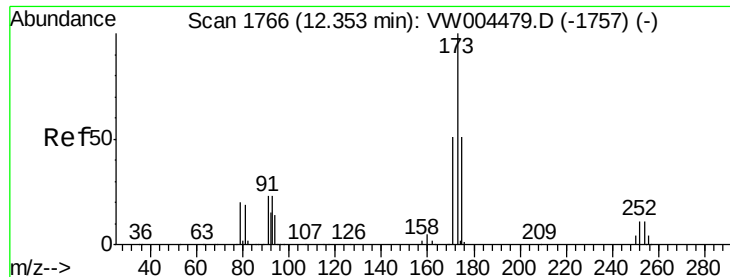
apatel
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#70
Styrene
Concen: 51.73 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW004483.D
Acq: 06 Aug 2018 21:19

Tgt Ion:104 Resp: 1324875
Ion Ratio Lower Upper
104 100
78 49.3 39.0 58.4
103 55.3 44.2 66.2





#71

Bromoform

Concen: 48.75 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW004483.D

Acq: 06 Aug 2018 21:19

Instrument :

MSVOA_W

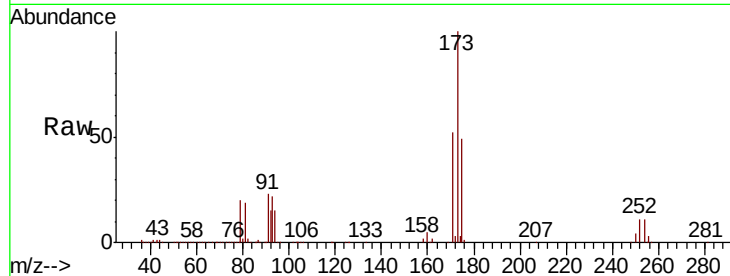
ClientSampleId :

ICVW080618

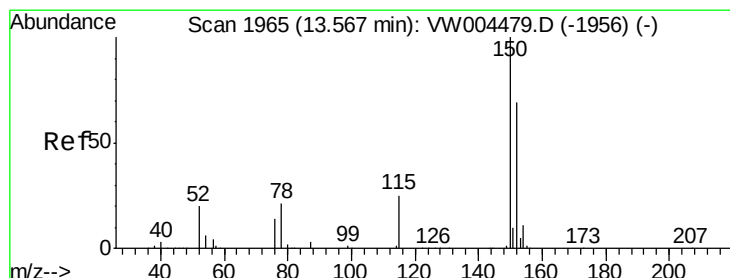
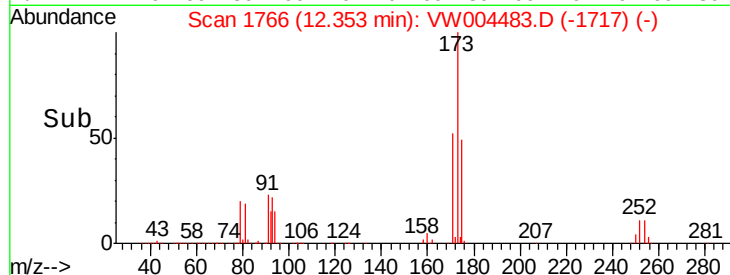
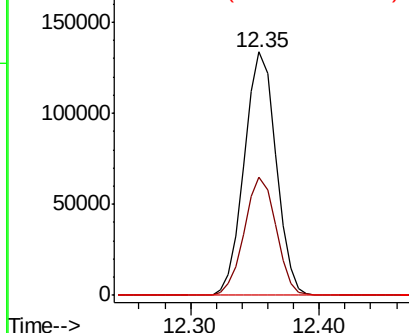
Tot Ion	Ratio	Resp	Lower	Upper
173	100	227615		
175	48.5	24.5	73.5	
254	0.1	0.2	0.2	

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

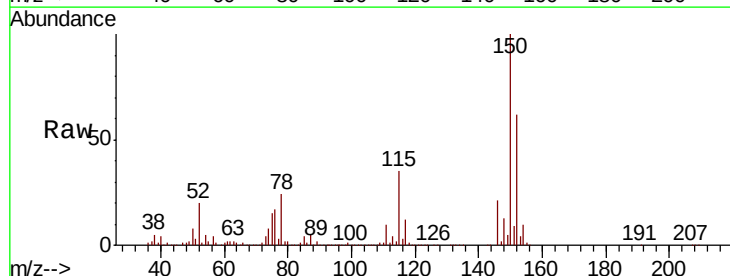
RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

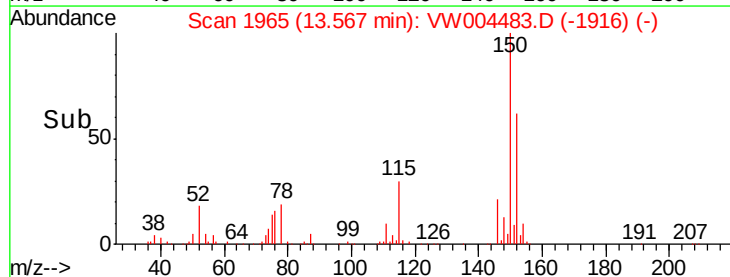
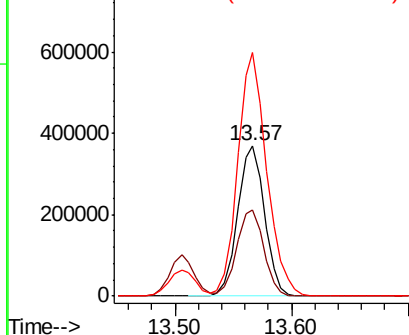
Lab File: VW004483.D

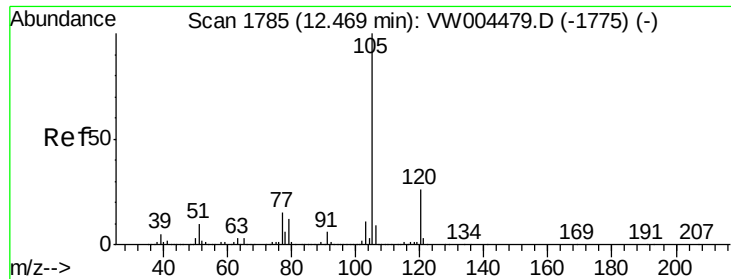
Acq: 06 Aug 2018 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	591859		
115	57.6	29.1	87.3	
150	174.7	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





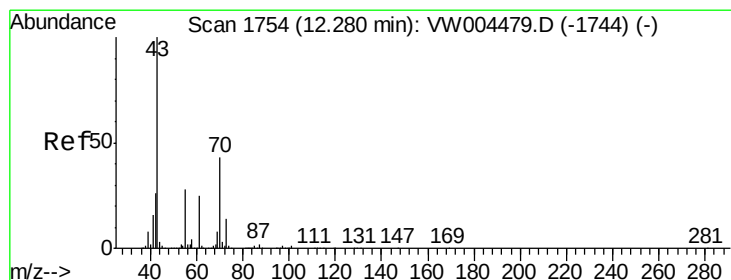
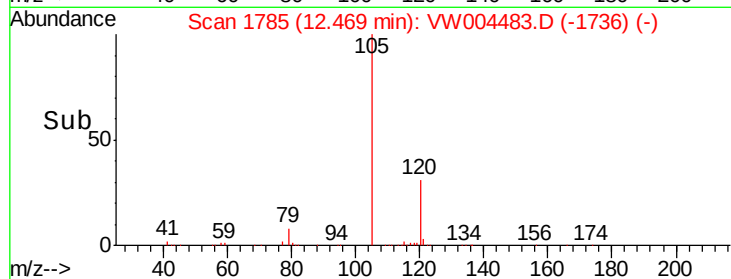
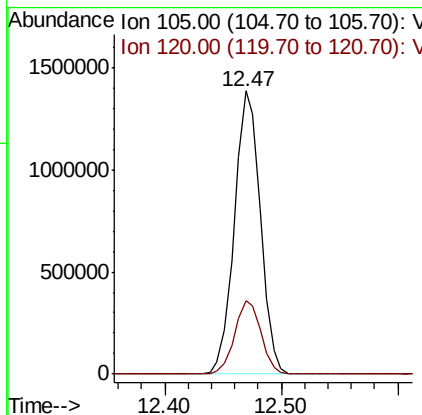
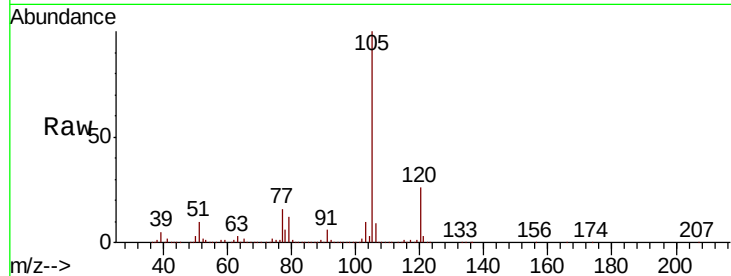
#73
Isopropylbenzene
Concen: 52.60 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VW004483.D
Acq: 06 Aug 2018 21:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW080618

Tot Ion:105 Resp: 2153517
Ion Ratio Lower Upper
105 100
120 26.0 13.2 39.6

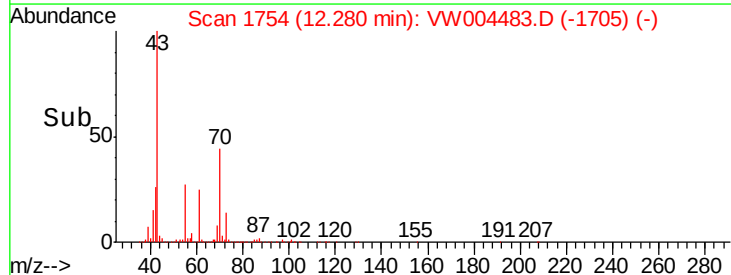
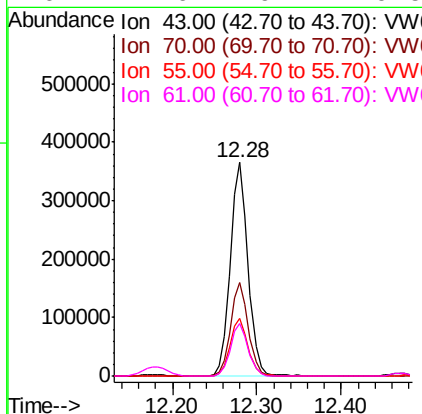
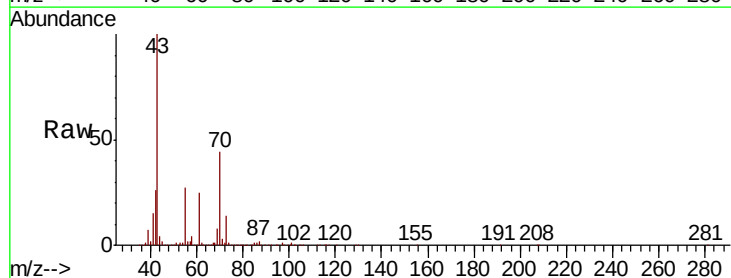
Manual Integrations
APPROVED

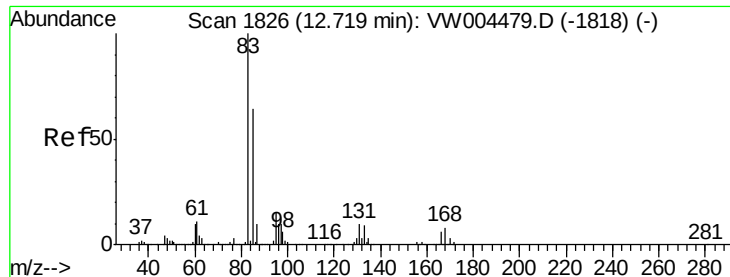
apatel
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#74
N-ethyl acetate
Concen: 52.70 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW004483.D
Acq: 06 Aug 2018 21:19

Tgt Ion: 43 Resp: 523133
Ion Ratio Lower Upper
43 100
70 43.9 35.3 52.9
55 27.3 22.9 34.3
61 24.6 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 48.54 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004483.D

Acq: 06 Aug 2018 21:19

Instrument :

MSVOA_W

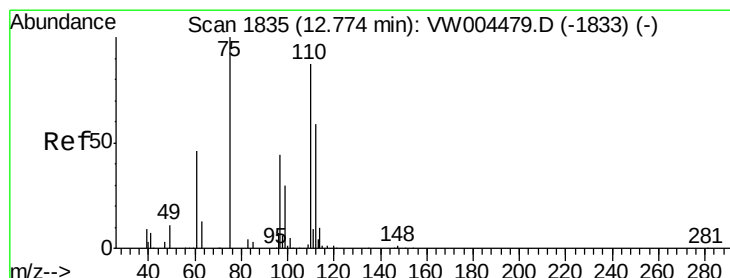
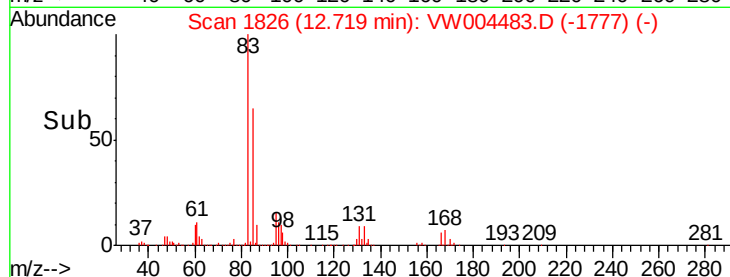
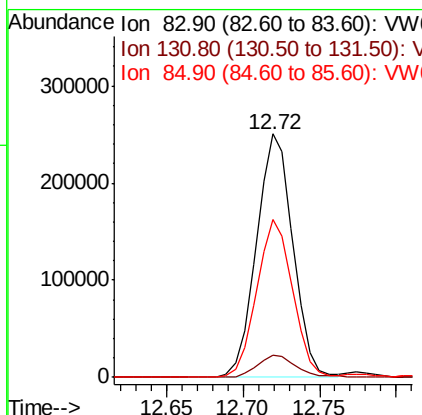
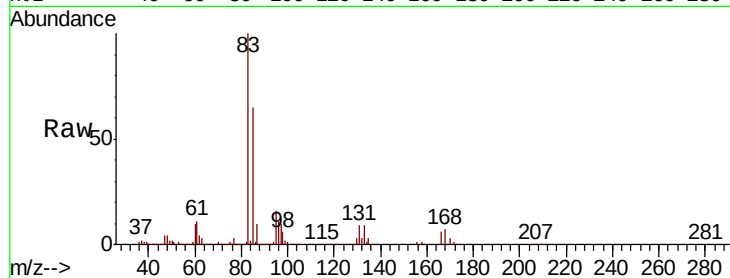
ClientSampleId :

ICVW080618

Tot Ion:	83	Resp:	414847
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.0	15.0
85	63.9	31.8	95.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 47.16 ug/l m

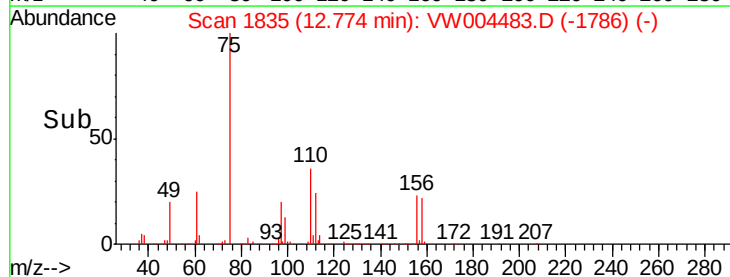
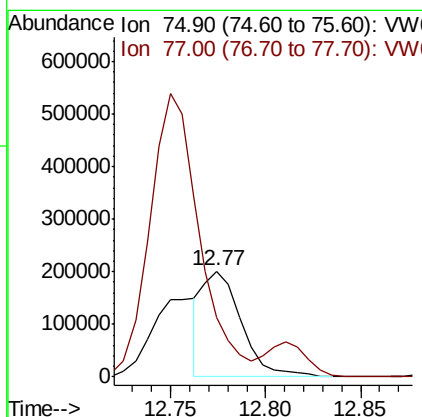
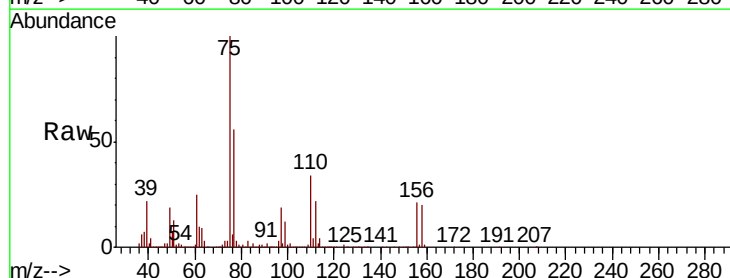
RT: 12.77 min Scan# 1835

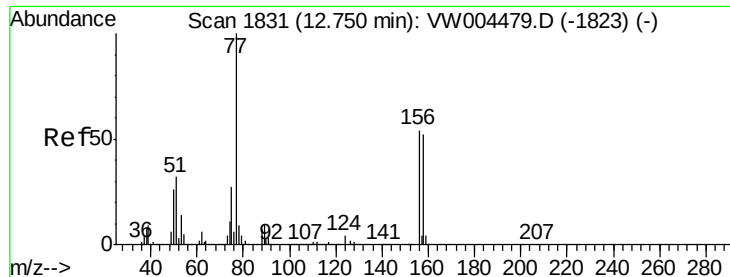
Delta R.T. 0.00 min

Lab File: VW004483.D

Acq: 06 Aug 2018 21:19

Tgt Ion:	75	Resp:	288821
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





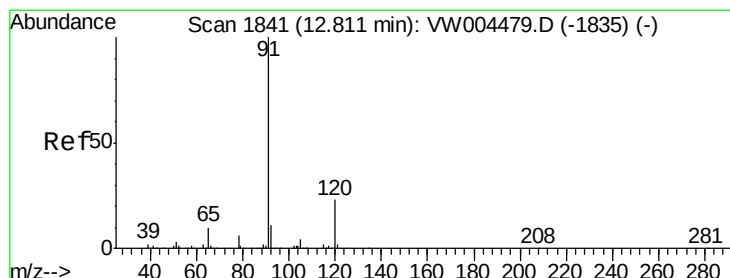
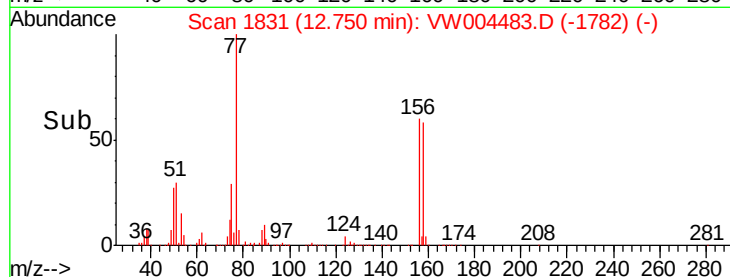
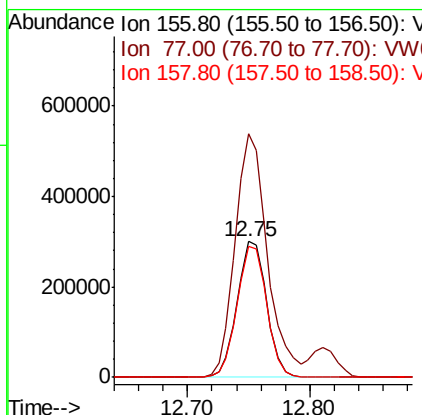
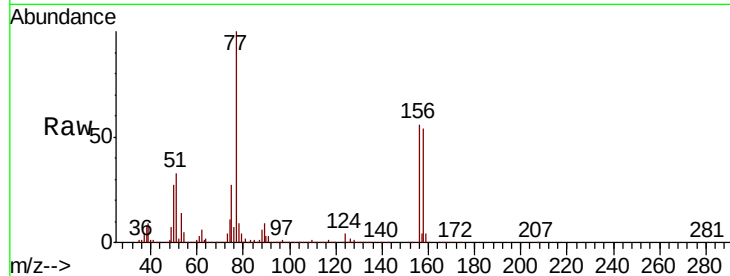
#77
Bromobenzene
Concen: 50.22 ug/l
RT: 12.75 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VW004483.D
Acq: 06 Aug 2018 21:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW080618

Tot Ion	Ratio	Lower	Upper
156	100		
77	197.3	98.7	296.1
158	97.3	48.7	146.1

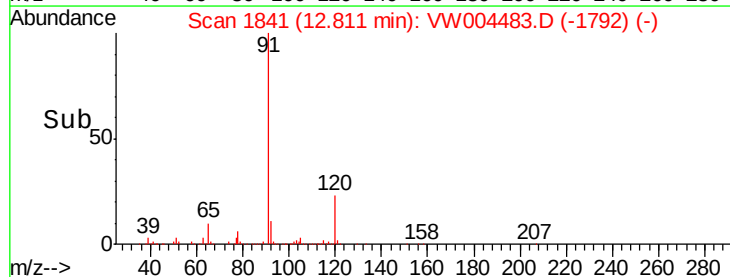
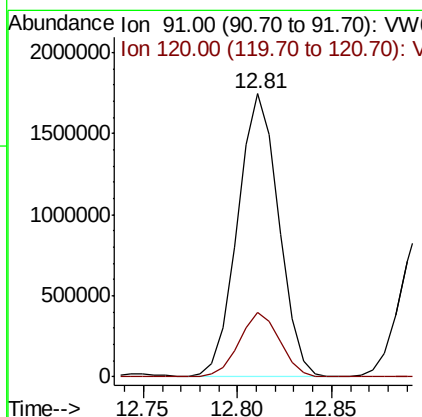
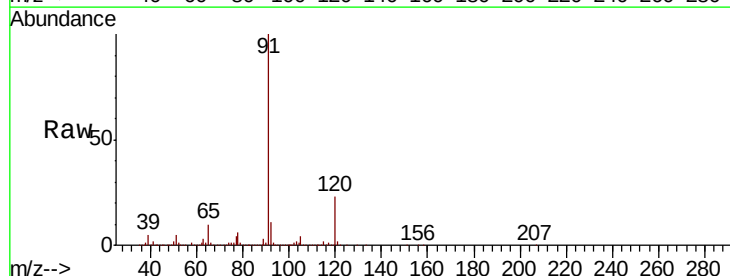
Manual Integrations
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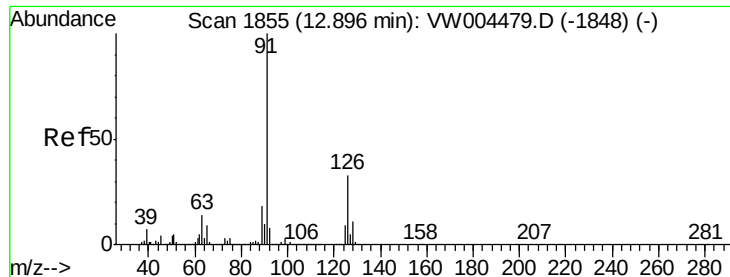
apatel
8/7/2018 4:49:19 PM



#78
n-propylbenzene
Concen: 52.18 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW004483.D
Acq: 06 Aug 2018 21:19

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.3	33.9





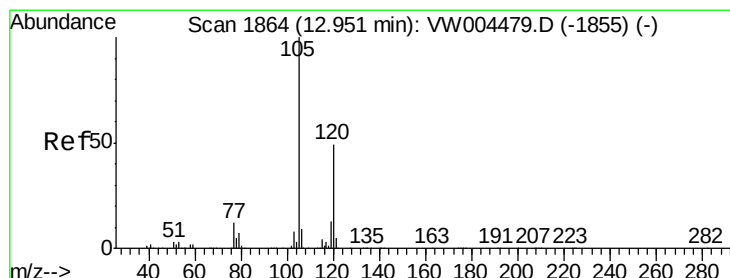
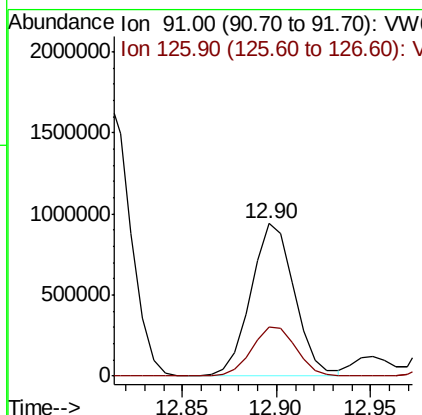
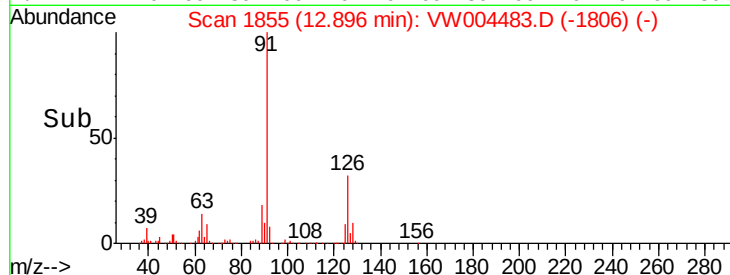
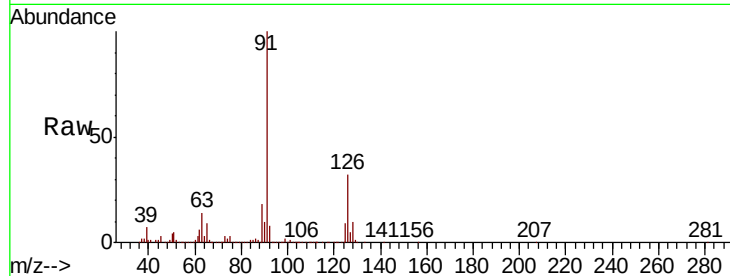
#79
 2-Chlorotoluene
 Concen: 51.48 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW004483.D
 Acq: 06 Aug 2018 21:19

Instrument :
 MSVOA_W
 ClientSampled :
 ICVVW080618

Tot Ion: 91 Resp: 1504937
 Ion Ratio Lower Upper
 91 100
 126 32.9 16.6 49.8

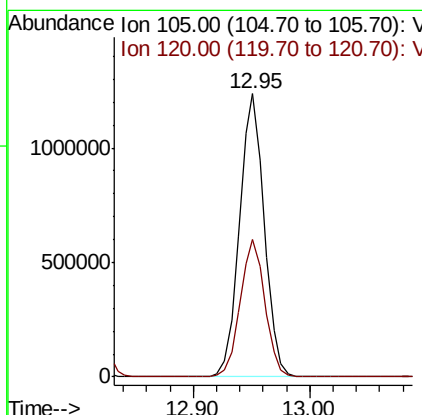
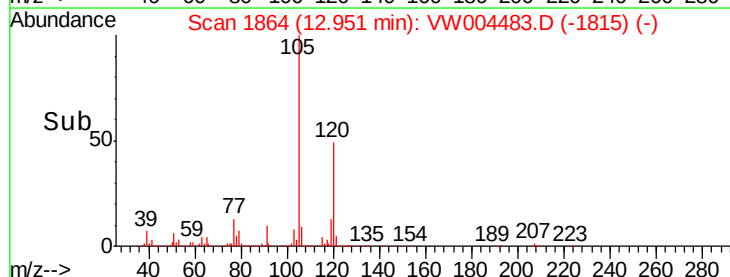
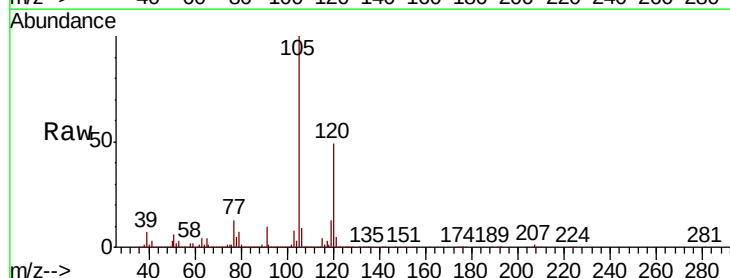
Manual Integrations
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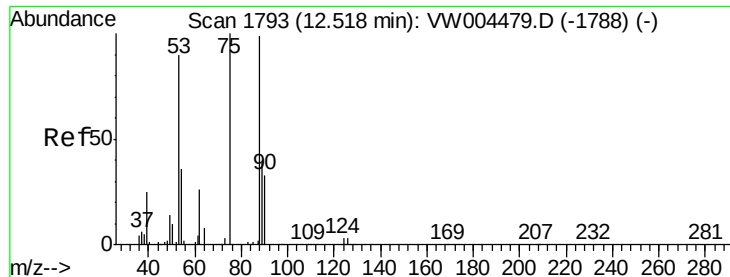
apatel
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#80
 1,3,5-Trimethylbenzene
 Concen: 52.26 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW004483.D
 Acq: 06 Aug 2018 21:19

Tgt Ion:105 Resp: 1825195
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.6 73.8





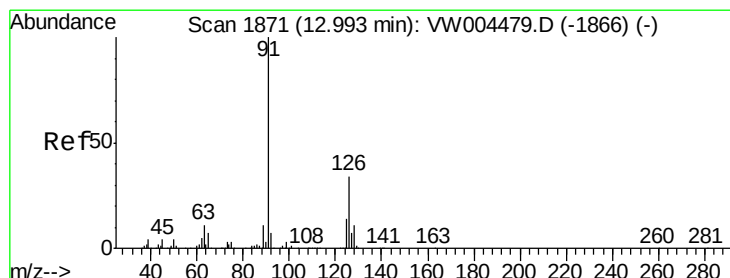
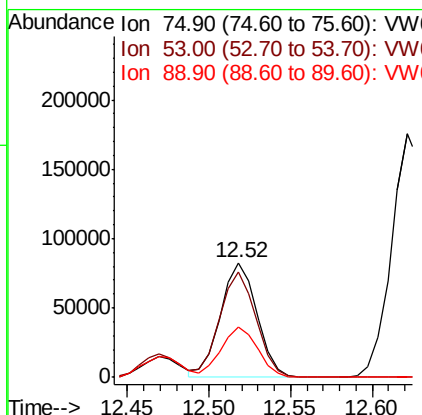
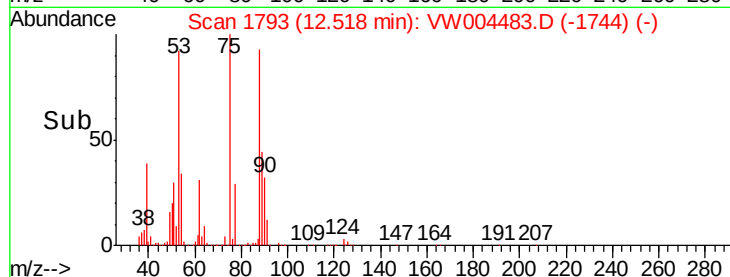
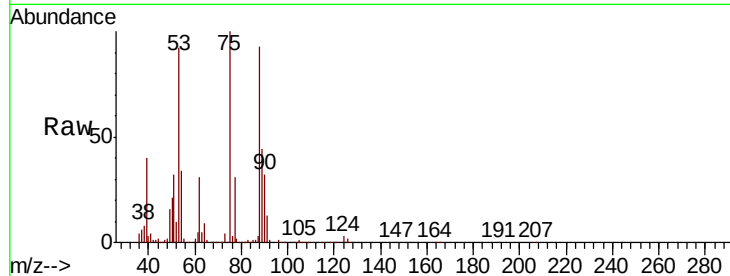
#81
trans-1,4-Dichloro-2-butene
Concen: 49.86 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW004483.D
Acq: 06 Aug 2018 21:19

Instrument :
MSVOA_W
ClientSampled :
ICVW080618

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.9	74.4	111.6
89	43.9	35.9	53.9

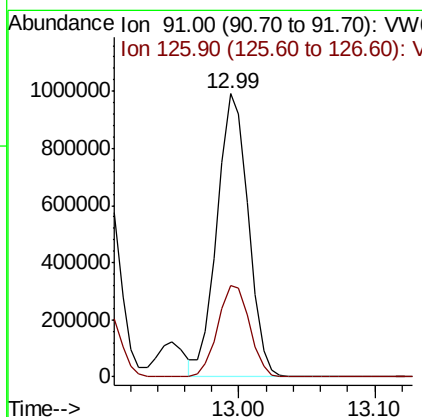
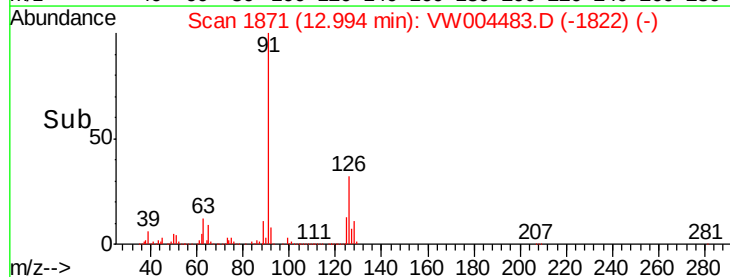
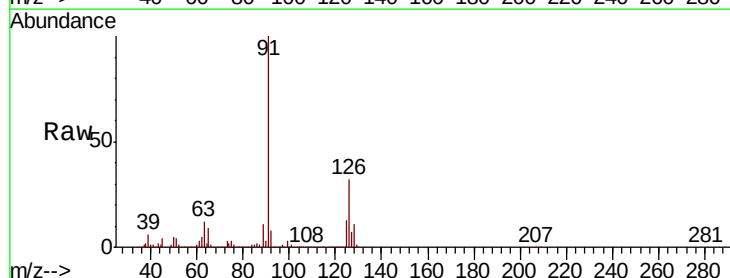
Manual Integrations
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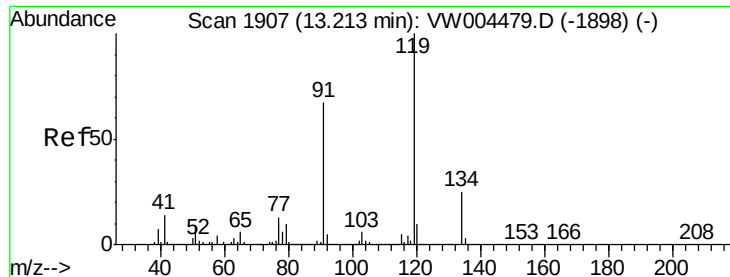
apatel
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#82
4-Chlorotoluene
Concen: 50.94 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VW004483.D
Acq: 06 Aug 2018 21:19

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.5	49.5





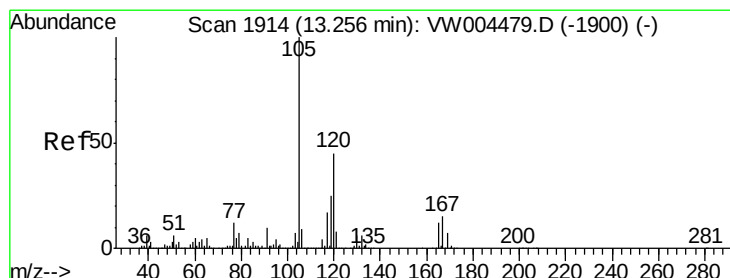
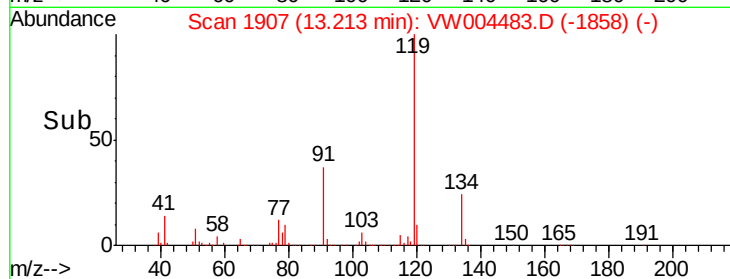
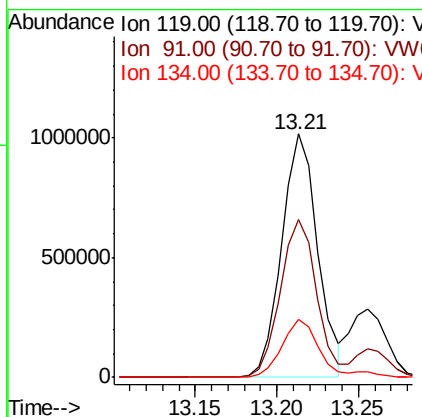
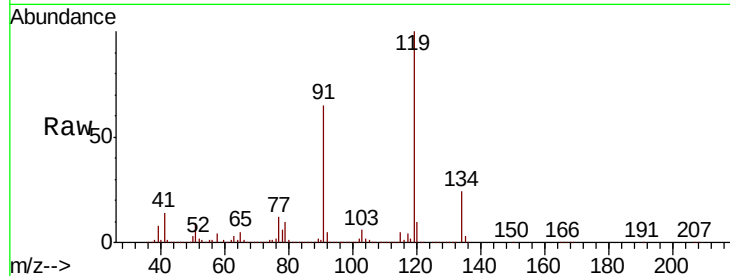
#83
 tert-Butylbenzene
 Concen: 53.06 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW004483.D
 Acq: 06 Aug 2018 21:19

Instrument :
 MSVOA_W
 ClientSampled :
 ICVVW080618

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.1	33.3	99.8
134	25.5	12.2	36.6

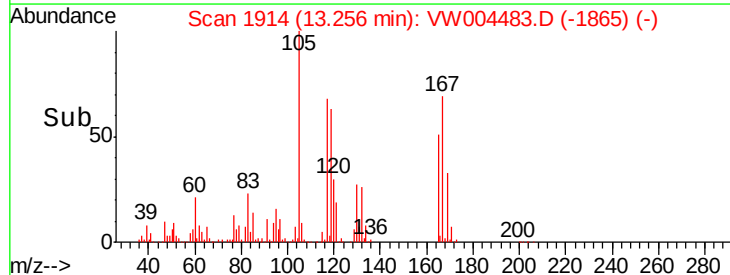
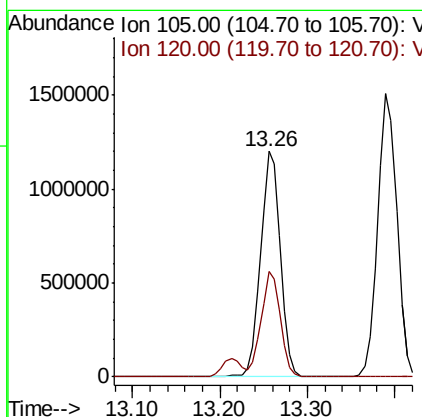
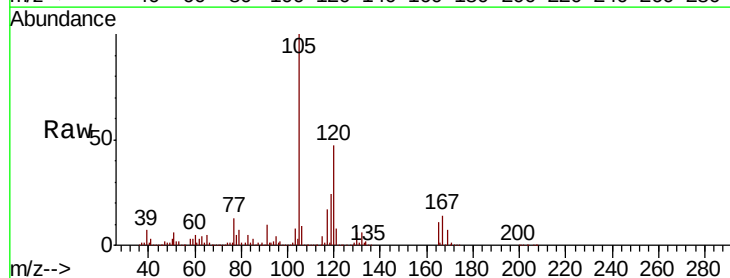
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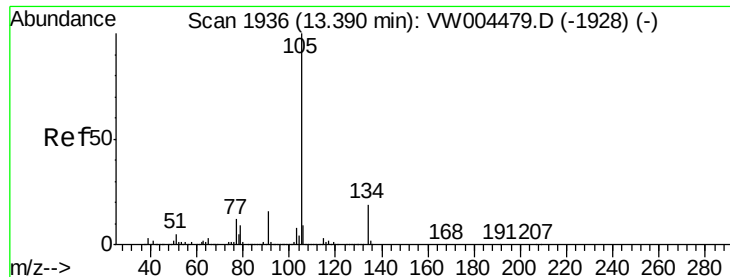
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.36 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW004483.D
 Acq: 06 Aug 2018 21:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.6	67.8





#85

sec-Butylbenzene

Concen: 51.92 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VW004483.D

Acq: 06 Aug 2018 21:19

Instrument :

MSVOA_W

ClientSampleId :

ICVW080618

Tot Ion:105 Resp: 2294416

Ion Ratio Lower Upper

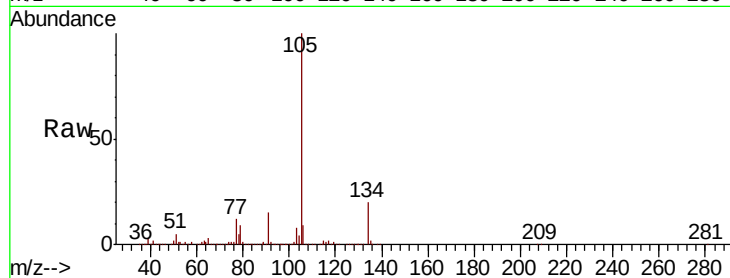
105 100

134 19.7 9.8 29.5

Manual Integrations
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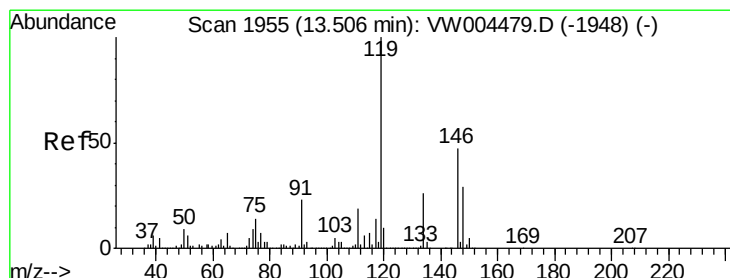
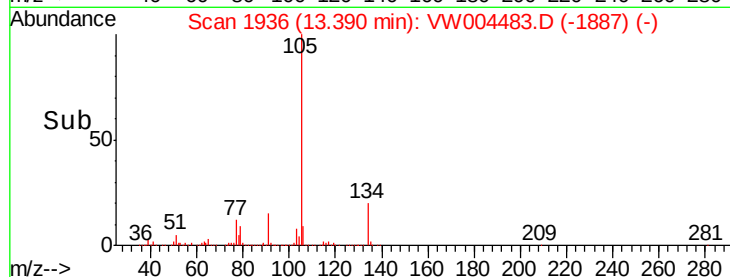
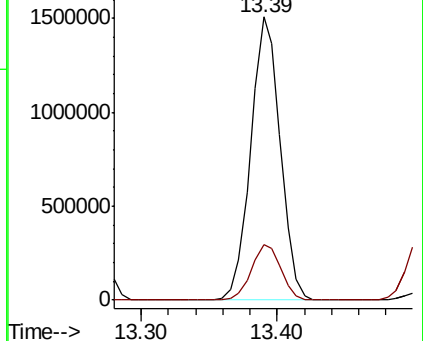
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.18 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW004483.D

Acq: 06 Aug 2018 21:19

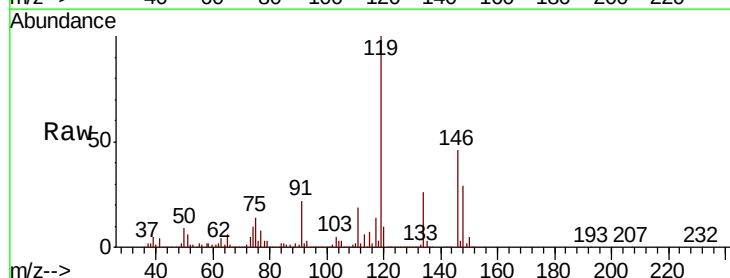
Tgt Ion:119 Resp: 1997935

Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

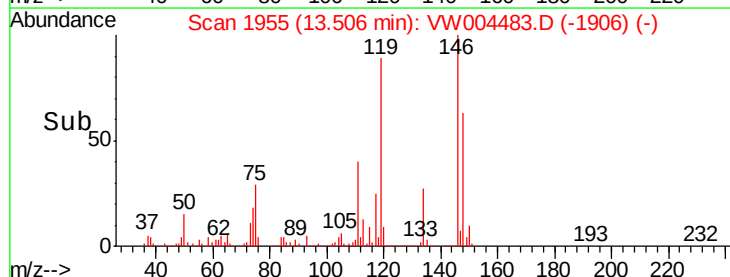
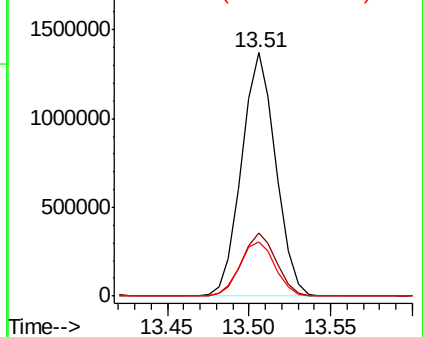
91 23.1 11.4 34.1

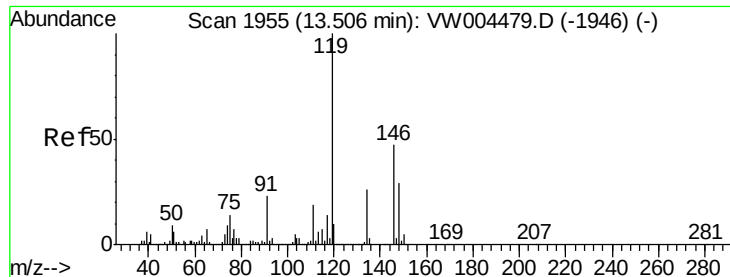


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 49.34 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW004483.D

Acq: 06 Aug 2018 21:19

Instrument :

MSVOA_W

ClientSampleId :

ICVW080618

Tot Ion:146 Resp: 1006969

Ion Ratio Lower Upper

146 100

111 40.3 20.0 59.9

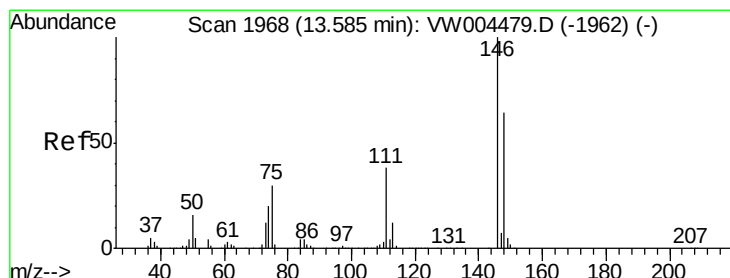
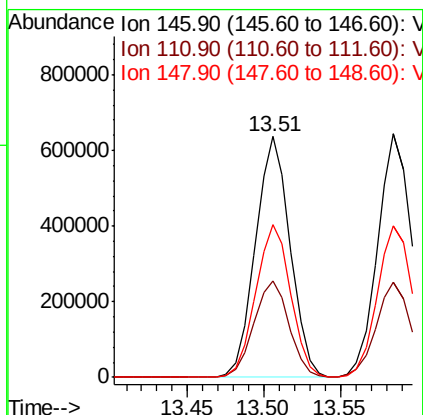
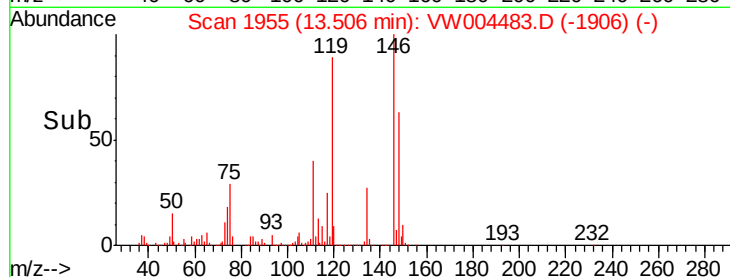
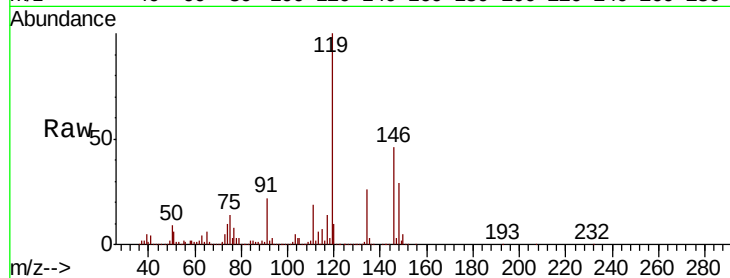
148 63.8 31.7 95.1

Manual Integrations

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#88

1,4-Dichlorobenzene

Concen: 49.06 ug/l

RT: 13.58 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VW004483.D

Acq: 06 Aug 2018 21:19

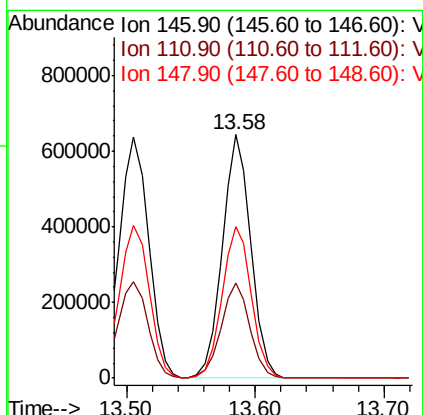
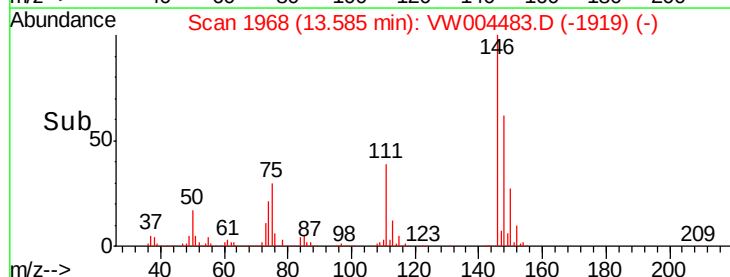
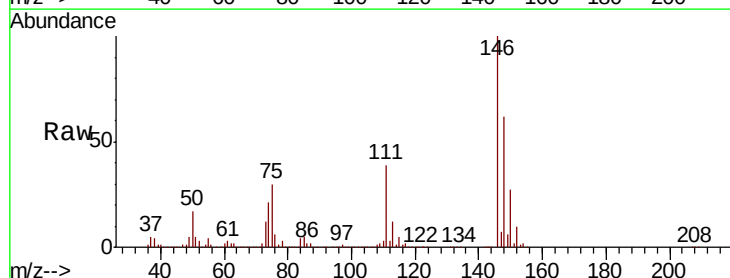
Tgt Ion:146 Resp: 996825

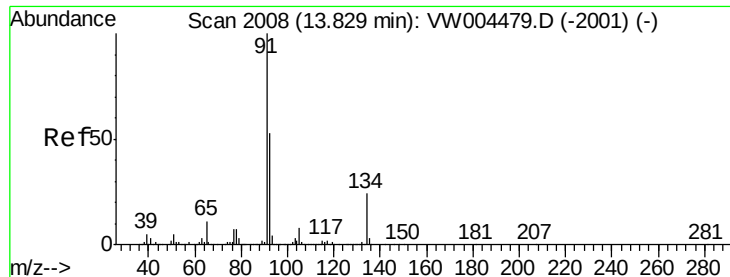
Ion Ratio Lower Upper

146 100

111 39.3 19.6 58.8

148 63.7 31.9 95.5





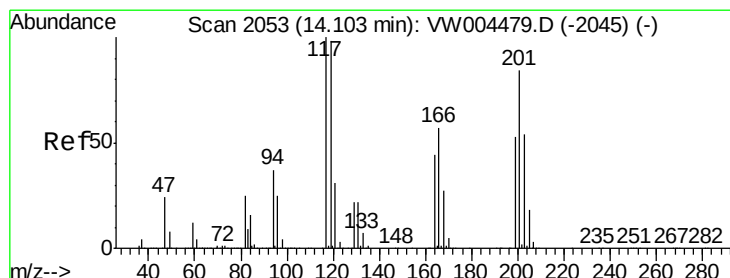
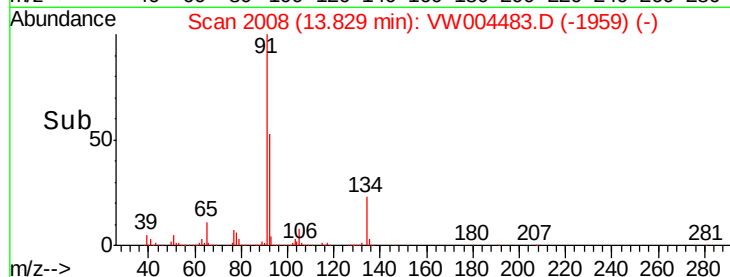
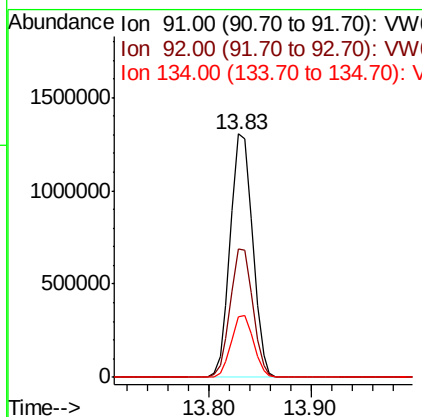
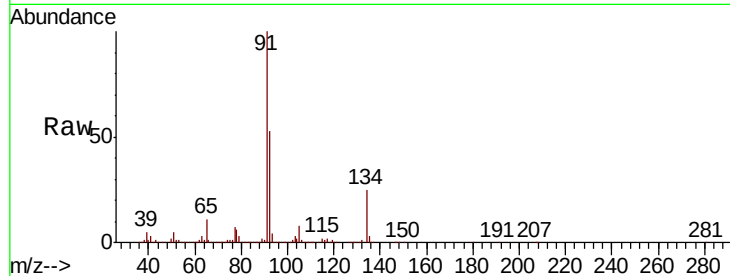
#89
n-Butylbenzene
Concen: 52.43 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VW004483.D
Acq: 06 Aug 2018 21:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW080618

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.4	79.0
134	25.2	12.4	37.2

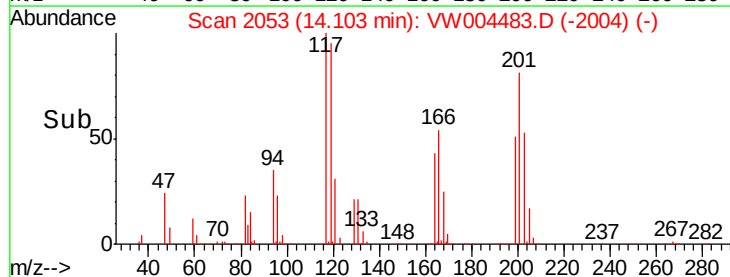
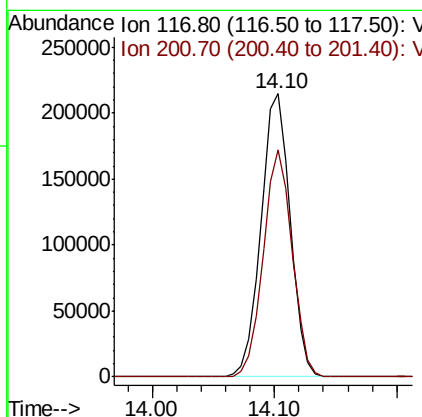
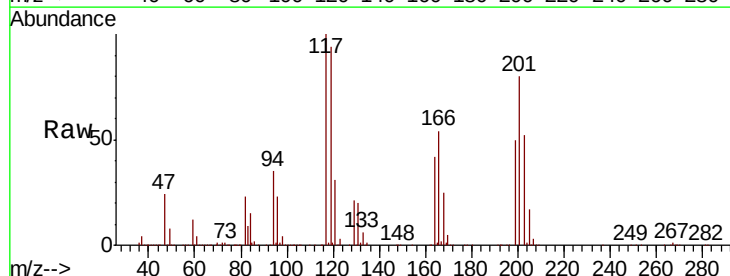
Manual Integrations
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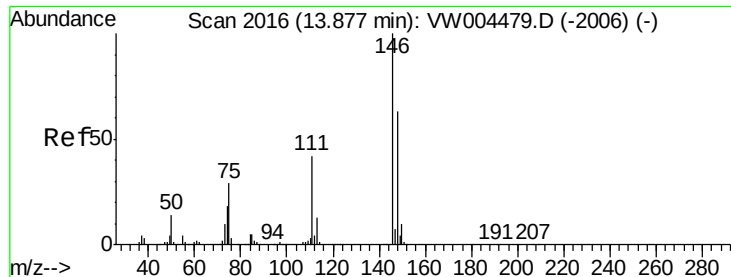
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#90
Hexachloroethane
Concen: 50.46 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW004483.D
Acq: 06 Aug 2018 21:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.1	40.1	120.3





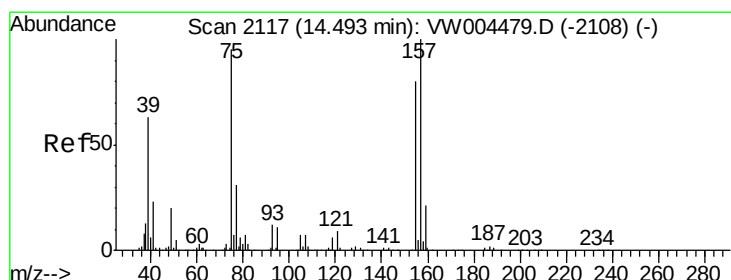
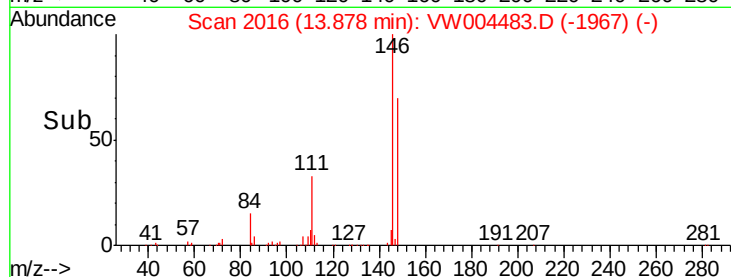
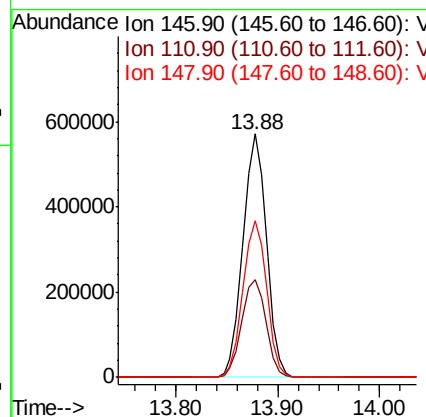
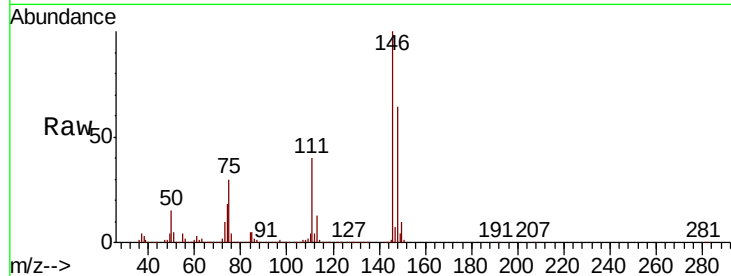
#91
 1,2-Dichlorobenzene
 Concen: 49.07 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW004483.D
 Acq: 06 Aug 2018 21:19

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW080618

Tot Ion	Ratio	Resp	Lower	Upper
146	100	908545		
111	41.3		20.8	62.2
148	64.9		31.8	95.4

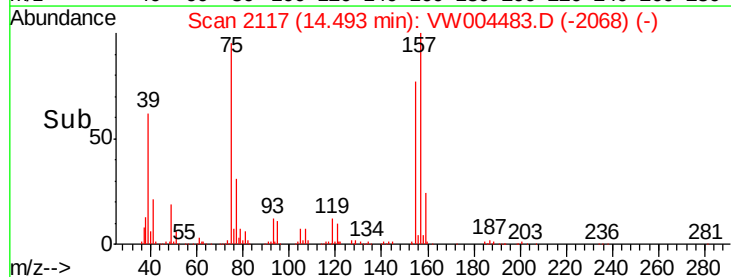
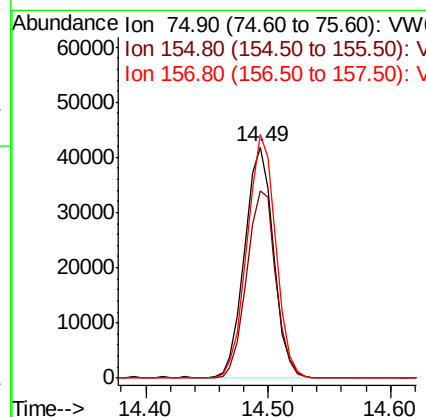
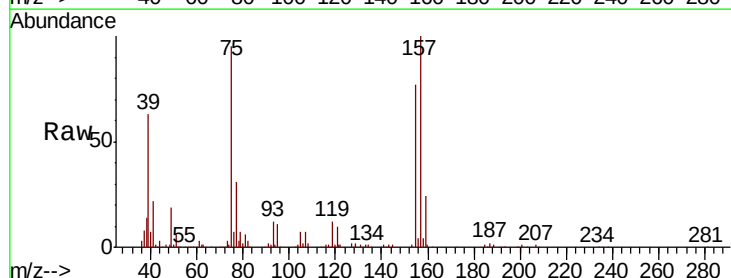
Manual Integrations
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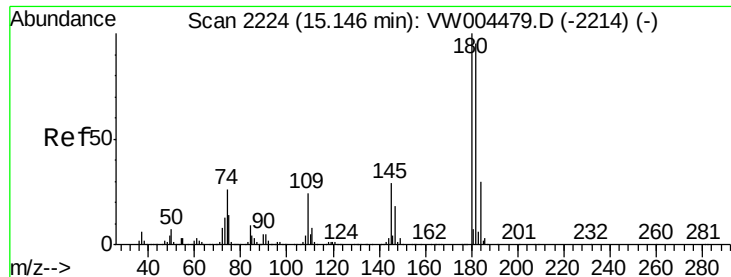
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.25 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW004483.D
 Acq: 06 Aug 2018 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	68780		
155	81.6		41.3	123.7
157	104.5		52.6	157.8





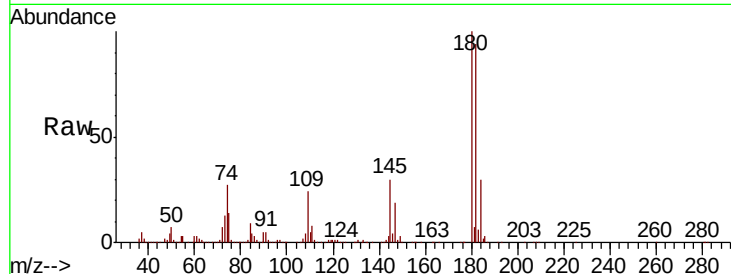
#93
 1,2,4-Trichlorobenzene
 Concen: 51.73 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW004483.D
 Acq: 06 Aug 2018 21:19

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW080618

Tot Ion	Ratio	Resp	Lower	Upper
180	100	663176		
182	95.0	47.9	143.6	
145	30.0	14.9	44.9	

Manual Integrations
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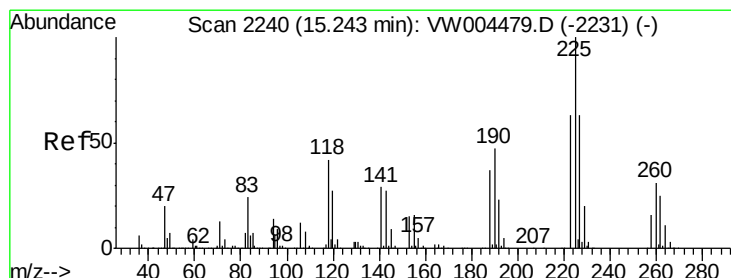
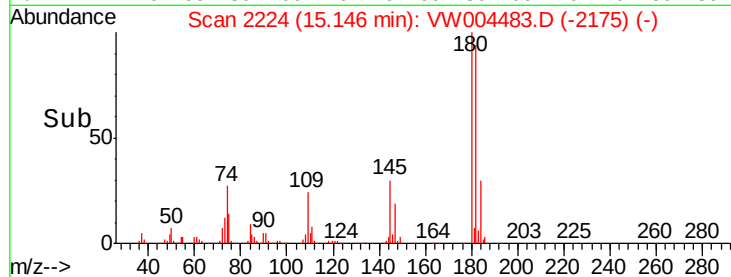
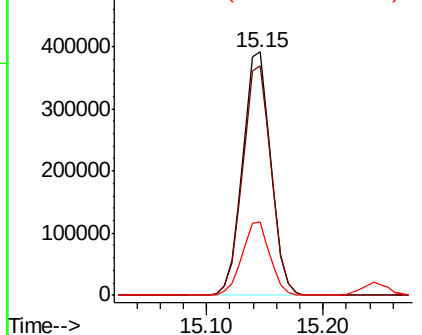


Abundance

Ion 179.80 (179.50 to 180.50): V

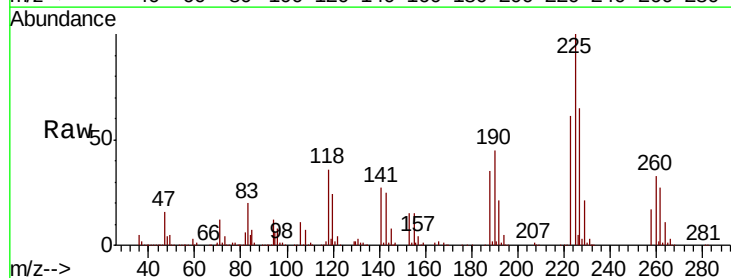
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 50.23 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.01 min
 Lab File: VW004483.D
 Acq: 06 Aug 2018 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	374956		
223	62.7	31.3	93.8	
227	64.4	31.8	95.4	

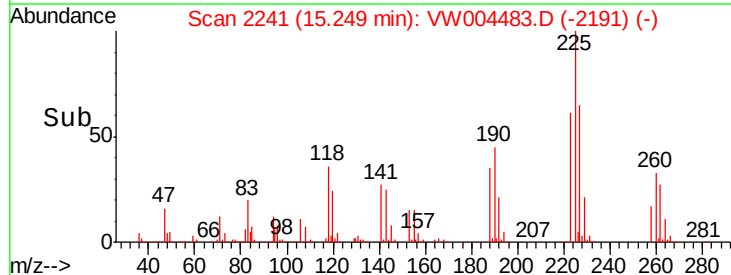
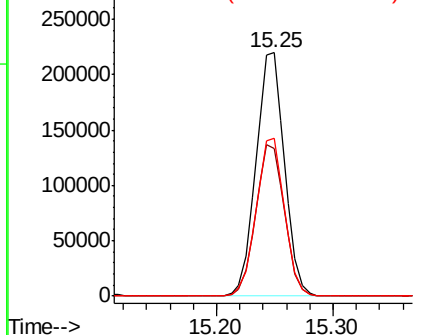


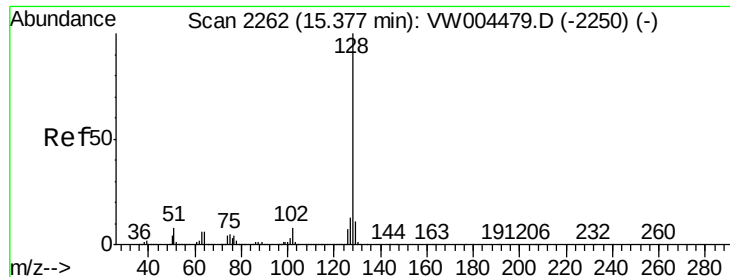
Abundance

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





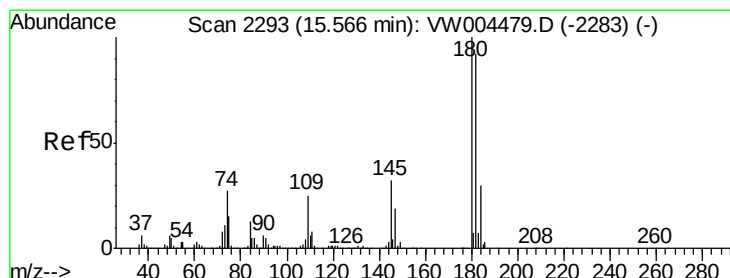
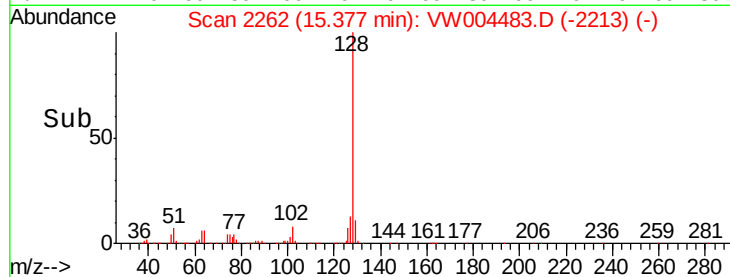
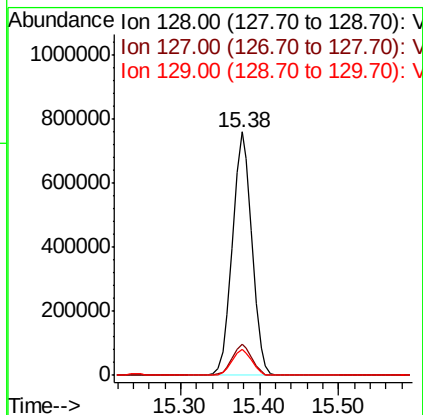
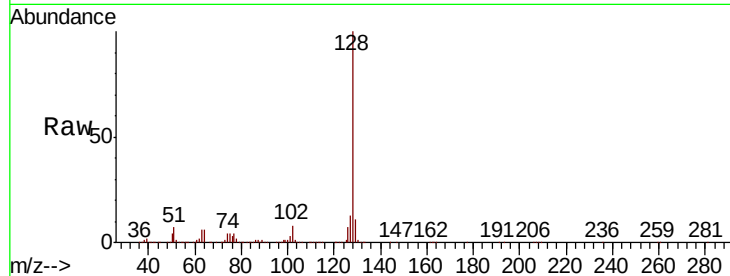
#95
Naphthalene
Concen: 49.23 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004483.D
Acq: 06 Aug 2018 21:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW080618

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.8	8.6	13.0

Manual Integrations
APPROVED

apatel
8/7/2018 4:49:19 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.83 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004483.D
Acq: 06 Aug 2018 21:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.0	141.2
145	31.8	15.9	47.6

