

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083018\
 Data File : VW005013.D
 Acq On : 30 Aug 2018 13:01
 Operator : SY/AP
 Sample : VW0830SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0830SBSD01

Manual Integrations
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 8/31/2018 11:39:17 AM

Quant Time: Aug 30 14:37:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 30 01:51:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	531193	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	774314	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	807354	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	440853	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	191896	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	
35) Dibromofluoromethane	7.89	113	186643	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
50) Toluene-d8	10.33	98	1083154	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	
62) 4-Bromofluorobenzene	12.62	95	395935	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	100514	21.90	ug/l	100
3) Chloromethane	2.22	50	163358	25.07	ug/l	100
4) Vinyl Chloride	2.36	62	142640	21.93	ug/l	98
5) Bromomethane	2.78	94	88323	20.77	ug/l	92
6) Chloroethane	2.92	64	81058	21.07	ug/l	97
7) Trichlorofluoromethane	3.26	101	130478	19.40	ug/l	99
8) Diethyl Ether	3.69	74	41840	21.88	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.07	101	80120	19.30	ug/l	99
10) Methyl Iodide	4.28	142	85889	15.40	ug/l	99
11) Tert butyl alcohol	5.21	59	23780	90.32	ug/l #	90
12) 1,1-Dichloroethene	4.04	96	79062	20.38	ug/l	99
13) Acrolein	3.90	56	21418	69.13	ug/l	96
14) Allyl chloride	4.68	41	123586	20.69	ug/l	98
15) Acrylonitrile	5.39	53	99612	102.13	ug/l	99
16) Acetone	4.15	43	82009	100.08	ug/l	95
17) Carbon Disulfide	4.39	76	329590	20.22	ug/l	99
18) Methyl Acetate	4.69	43	49569	24.97	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	187596	22.51	ug/l	96
20) Methylene Chloride	4.92	84	154051	24.18	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	89222	21.18	ug/l	99
22) Diisopropyl ether	6.32	45	270681	22.20	ug/l	98
23) Vinyl Acetate	6.27	43	636881	102.17	ug/l	100
24) 1,1-Dichloroethane	6.23	63	158127	21.43	ug/l	99
25) 2-Butanone	7.18	43	137083	107.28	ug/l	94
26) 2,2-Dichloropropane	7.18	77	110391	17.05	ug/l	98
27) cis-1,2-Dichloroethene	7.18	96	98689	21.54	ug/l	99
28) Bromochloromethane	7.52	49	68685	21.17	ug/l	98
29) Tetrahydrofuran	7.54	42	72913	112.96	ug/l	96
30) Chloroform	7.68	83	155316	21.40	ug/l	99
31) Cyclohexane	7.96	56	162571	20.79	ug/l #	96
32) 1,1,1-Trichloroethane	7.88	97	139032	20.82	ug/l	99
36) 1,1-Dichloropropene	8.09	75	130893	19.95	ug/l	98
37) Ethyl Acetate	7.27	43	51028	21.58	ug/l	98
38) Carbon Tetrachloride	8.07	117	122181	19.24	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	170106	18.81	ug/l	99
40) Benzene	8.33	78	420272	20.01	ug/l	99
41) Methacrylonitrile	7.49	41	28495	20.68	ug/l	98
42) 1,2-Dichloroethane	8.41	62	94972	20.32	ug/l	100
43) Isopropyl Acetate	8.43	43	93816	19.94	ug/l	99
44) Trichloroethene	9.10	130	105565	19.68	ug/l	100
45) 1,2-Dichloropropane	9.38	63	99204	20.65	ug/l	99
46) Dibromomethane	9.46	93	46417	20.41	ug/l	96
47) Bromodichloromethane	9.65	83	116223	20.68	ug/l	98
48) Methyl methacrylate	9.45	41	49483	19.55	ug/l	93
49) 1,4-Dioxane	9.48	88	18406	390.02	ug/l #	96
51) 4-Methyl-2-Pentanone	10.22	43	354214	100.51	ug/l	99
52) Toluene	10.40	92	322304	20.69	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	112715	18.78	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	135635	19.38	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	74059	19.90	ug/l	98
56) Ethyl methacrylate	10.65	69	99041	20.29	ug/l	98
57) 1,3-Dichloropropane	10.94	76	123459	20.16	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	211227	100.42	ug/l	98
59) 2-Hexanone	10.98	43	249447	97.76	ug/l	98
60) Dibromochloromethane	11.13	129	79747	19.52	ug/l	99
61) 1,2-Dibromoethane	11.24	107	68569	19.65	ug/l	100
64) Tetrachloroethene	10.87	164	130486	22.17	ug/l	97
65) Chlorobenzene	11.66	112	354349	19.98	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	93894	19.27	ug/l	99
67) Ethyl Benzene	11.74	91	620729	20.44	ug/l	100
68) m/p-Xylenes	11.85	106	507729	40.99	ug/l	100
69) o-Xylene	12.17	106	236237	20.87	ug/l	100
70) Styrene	12.19	104	385999	20.56	ug/l	100
71) Bromoform	12.35	173	49594	18.31	ug/l #	99
73) Isopropylbenzene	12.47	105	615952	20.96	ug/l	100
74) N-amyl acetate	12.28	43	113042	20.38	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	89075	20.02	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	75992m	24.34	ug/l	
77) Bromobenzene	12.75	156	148195	20.55	ug/l	100
78) n-propylbenzene	12.81	91	762832	21.04	ug/l	99
79) 2-Chlorotoluene	12.90	91	445214	21.26	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	545665	21.02	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	22209	16.08	ug/l	89
82) 4-Chlorotoluene	12.99	91	465864	20.88	ug/l	99
83) tert-Butylbenzene	13.21	119	450444	20.65	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	548665	20.83	ug/l	99
85) sec-Butylbenzene	13.39	105	660785	20.64	ug/l	99
86) p-Isopropyltoluene	13.51	119	583032	20.33	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	307445	20.11	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	302852	20.00	ug/l	99
89) n-Butylbenzene	13.83	91	536564	19.93	ug/l	99
90) Hexachloroethane	14.10	117	85889	19.05	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	275124	20.45	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14642	19.05	ug/l	98

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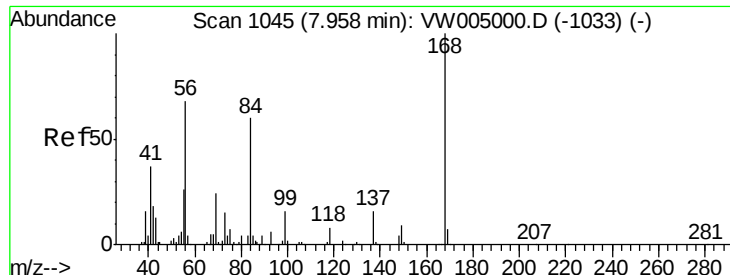
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QLast Update : Thu Aug 30 01:51:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	183086	19.42	ug/l	100
94) Hexachlorobutadiene	15.24	225	109648	18.58	ug/l	98
95) Naphthalene	15.38	128	307422	20.23	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	161792	19.43	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005013.D

Acq: 30 Aug 2018 13:01

Instrument :

MSVOA_W

ClientSampleId :

VW0830SBSD01

Tot Ion:168 Resp: 531193

Ion Ratio Lower Upper

168 100

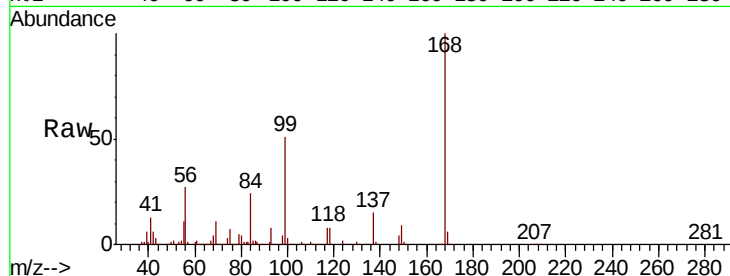
99 50.6 40.2 60.2

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

250000

200000

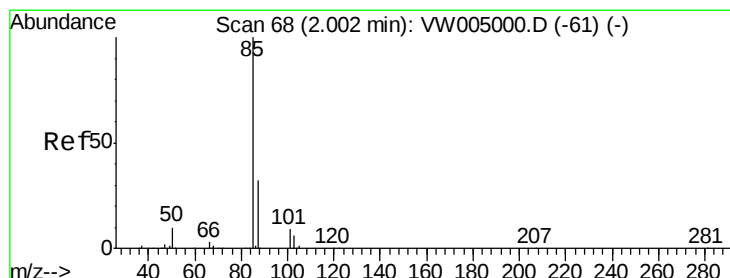
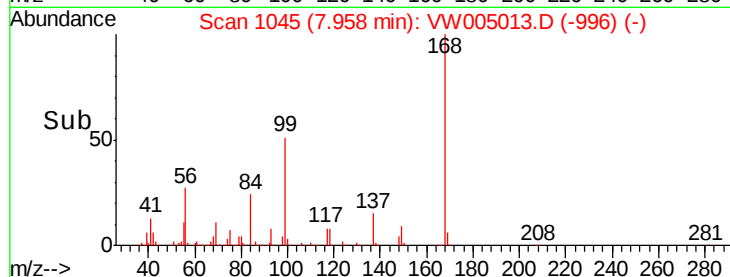
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.90 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW005013.D

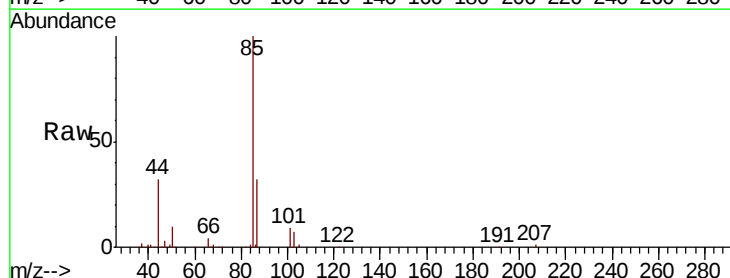
Acq: 30 Aug 2018 13:01

Tgt Ion: 85 Resp: 100514

Ion Ratio Lower Upper

85 100

87 31.6 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

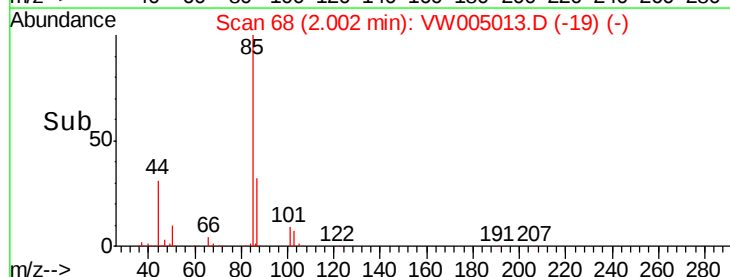
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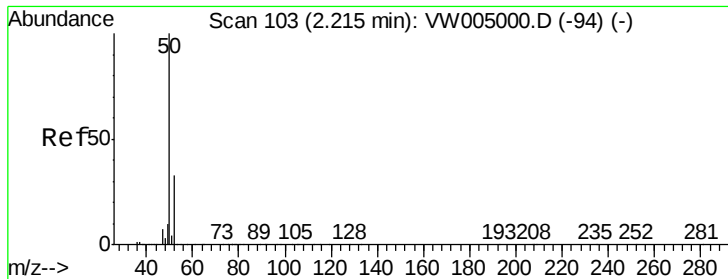
40000

20000

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Time-->





#3

Chloromethane

Concen: 25.07 ug/l

RT: 2.22 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW005013.D

Acq: 30 Aug 2018 13:01

Instrument :

MSVOA_W

ClientSampleId :

VW0830SBSD01

Tot Ion: 50 Resp: 163358

Ion Ratio Lower Upper

50 100

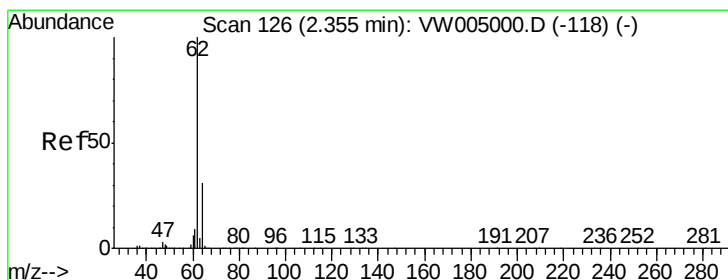
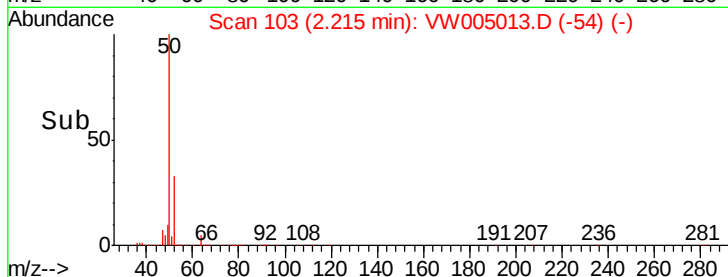
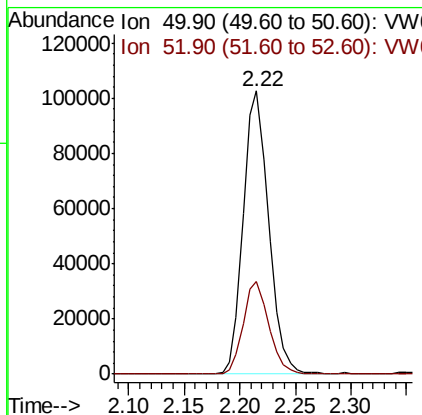
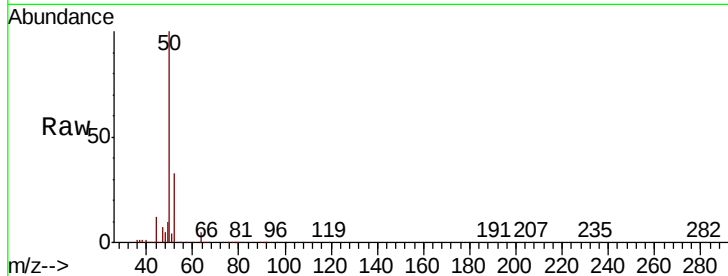
52 32.5 26.1 39.1

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#4

Vinyl Chloride

Concen: 21.93 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW005013.D

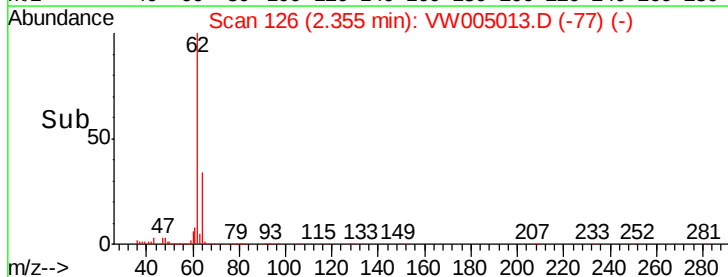
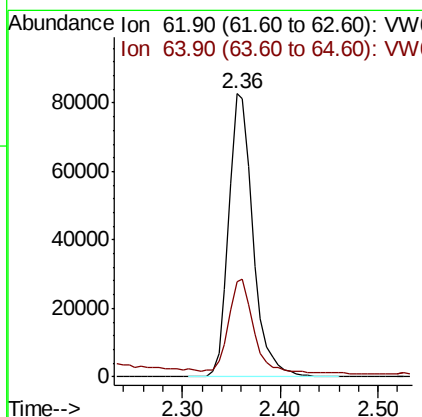
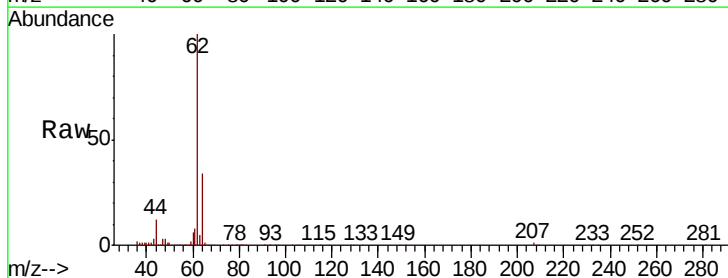
Acq: 30 Aug 2018 13:01

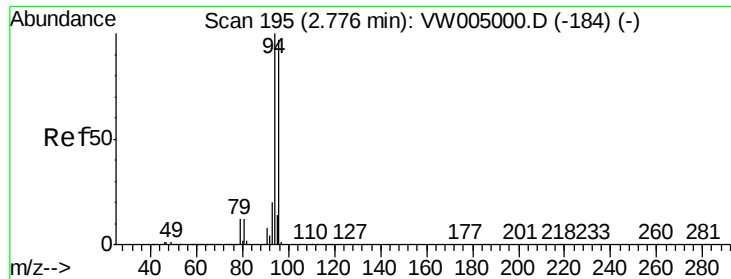
Tgt Ion: 62 Resp: 142640

Ion Ratio Lower Upper

62 100

64 32.3 24.8 37.2





#5

Bromomethane

Concen: 20.77 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.00 min

Lab File: VW005013.D

Acq: 30 Aug 2018 13:01

Instrument :

MSVOA_W

ClientSampleId :

VW0830SBSD01

Tot Ion: 94 Resp: 88323

Ion Ratio Lower Upper

94 100

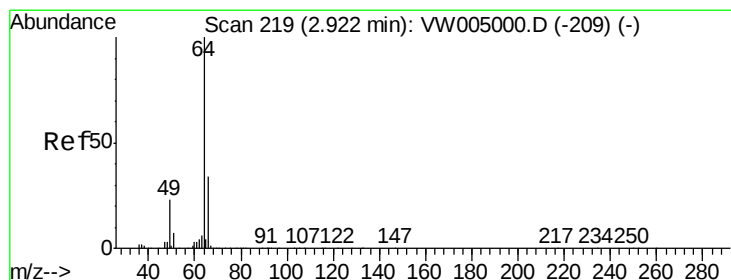
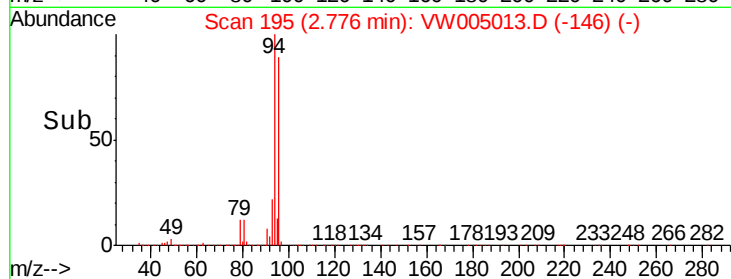
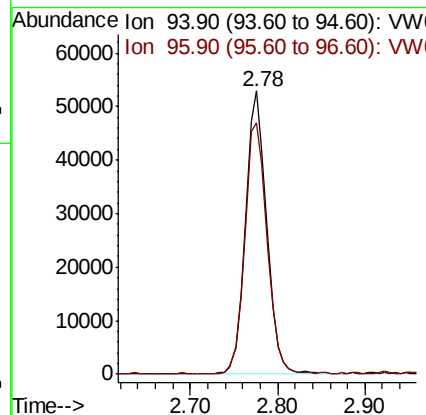
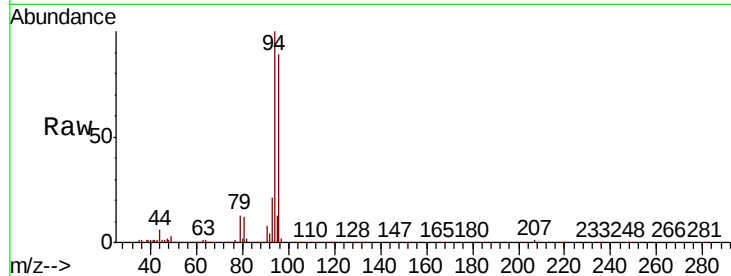
96 88.9 77.5 116.3

Manual Integrations

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#6

Chloroethane

Concen: 21.07 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW005013.D

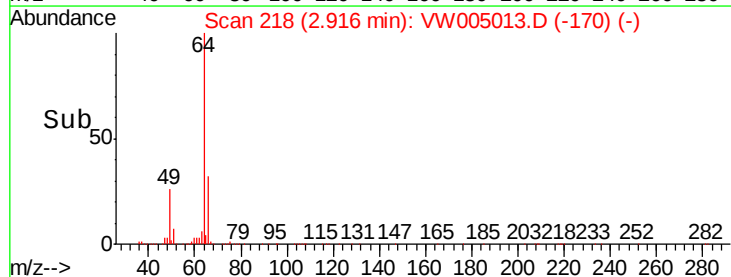
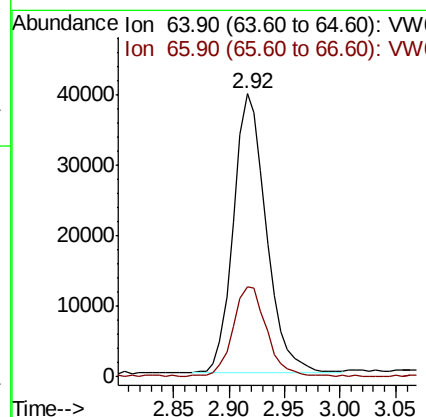
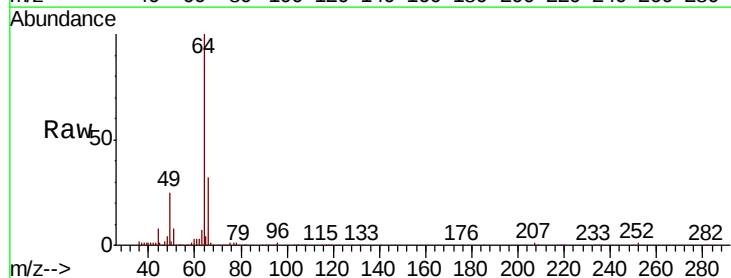
Acq: 30 Aug 2018 13:01

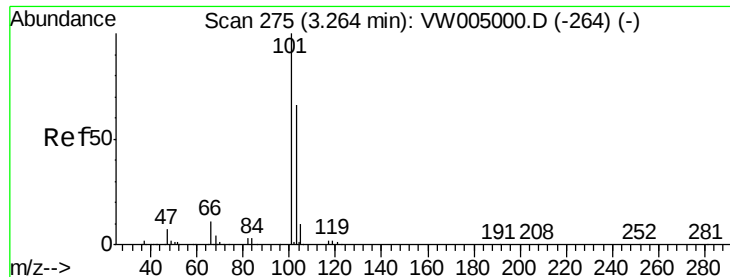
Tgt Ion: 64 Resp: 81058

Ion Ratio Lower Upper

64 100

66 31.9 26.8 40.2





#7

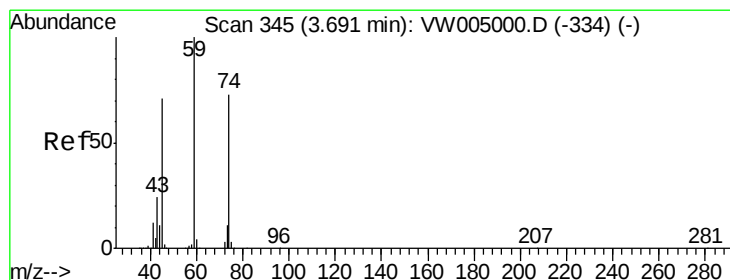
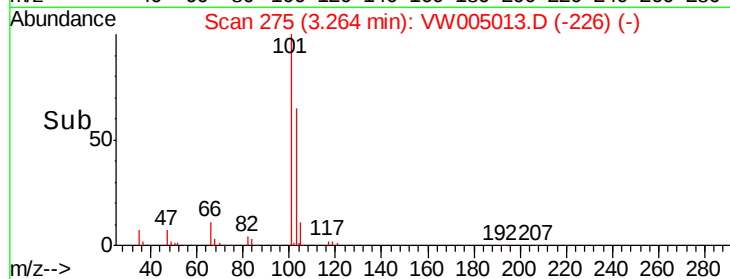
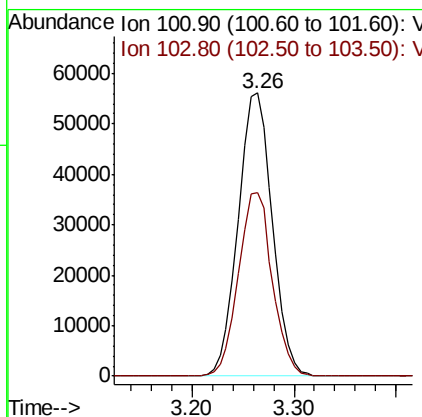
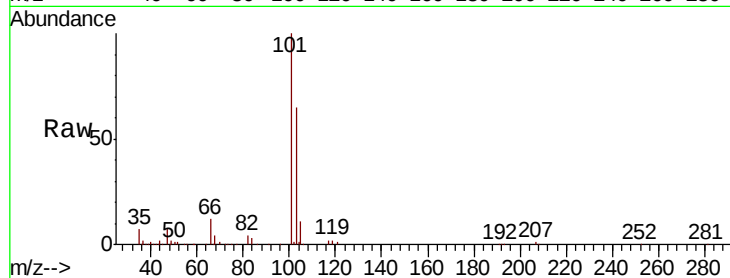
Trichlorofluoromethane
 Concen: 19.40 ug/l
 RT: 3.26 min Scan# 275
 Delta R.T. -0.00 min
 Lab File: VW005013.D
 Acq: 30 Aug 2018 13:01

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 ClientSampleId :
 VW0830SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.6	78.8

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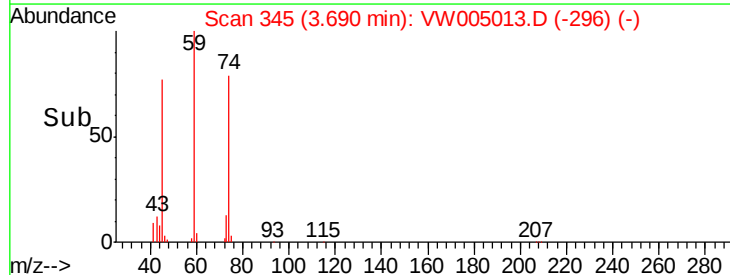
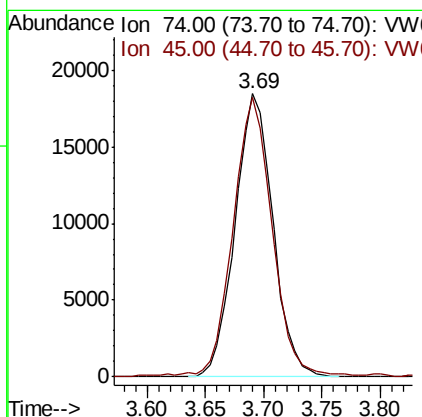
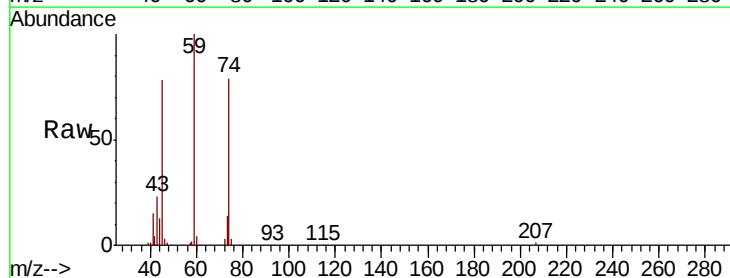
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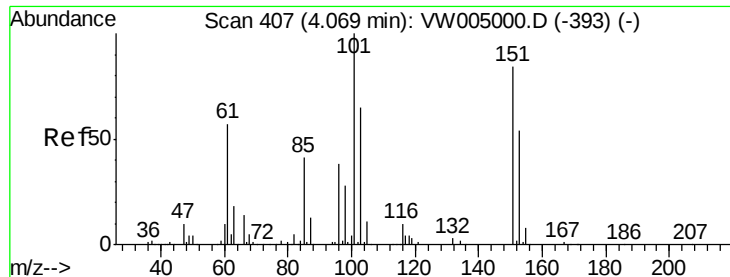


#8

Diethyl Ether
 Concen: 21.88 ug/l
 RT: 3.69 min Scan# 345
 Delta R.T. -0.00 min
 Lab File: VW005013.D
 Acq: 30 Aug 2018 13:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.0	47.8	143.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.30 ug/l

RT: 4.07 min Scan# 408

Delta R.T. 0.01 min

Lab File: VW005013.D

Acq: 30 Aug 2018 13:01

Instrument :

MSVOA_W

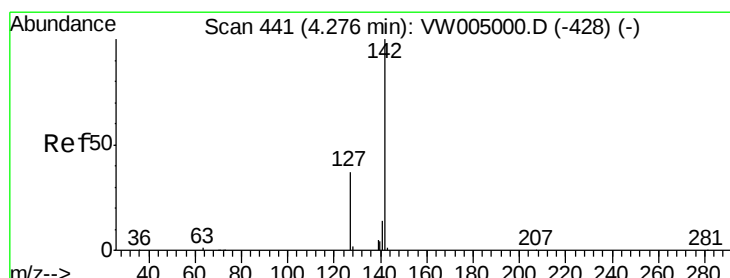
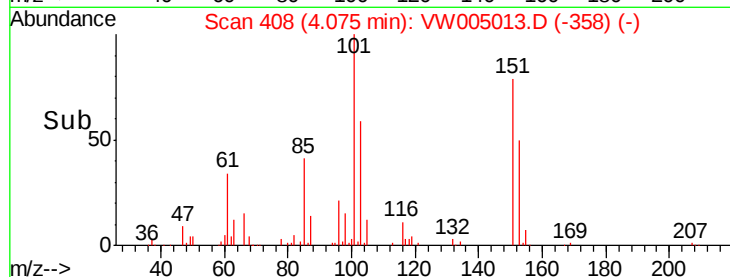
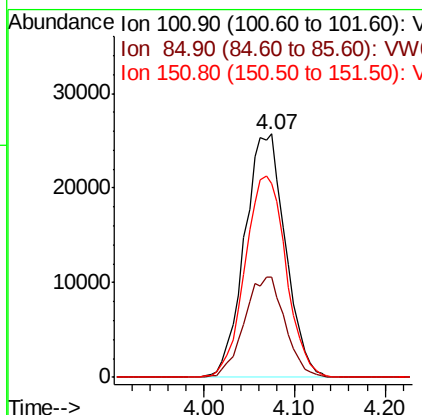
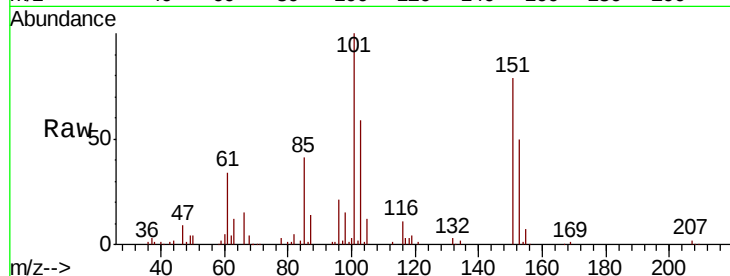
ClientSampled :

VW0830SBS01

Tot Ion:	101	Resp:	80120
Ion Ratio	Lower	Upper	
101	100		
85	41.0	33.4	50.0
151	83.0	67.0	100.4

Manual Integrations
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#10

Methyl Iodide

Concen: 15.40 ug/l

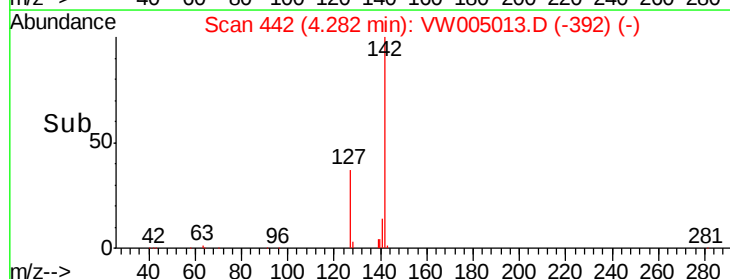
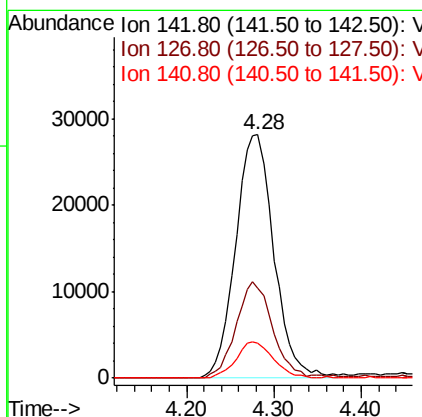
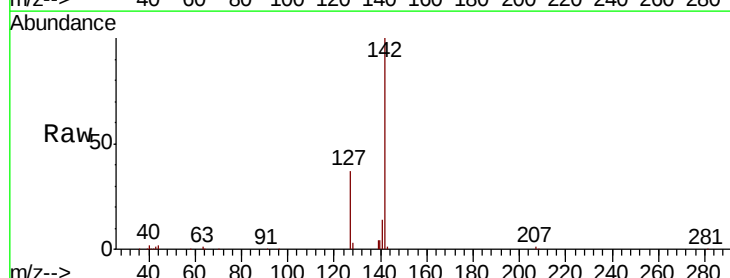
RT: 4.28 min Scan# 442

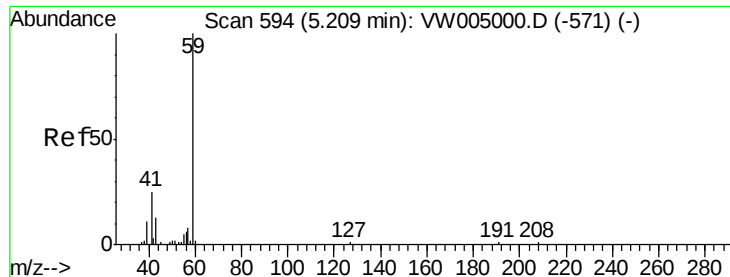
Delta R.T. 0.01 min

Lab File: VW005013.D

Acq: 30 Aug 2018 13:01

Tgt Ion:	142	Resp:	85889
Ion Ratio	Lower	Upper	
142	100		
127	38.2	31.1	46.7
141	14.6	11.4	17.2





#11

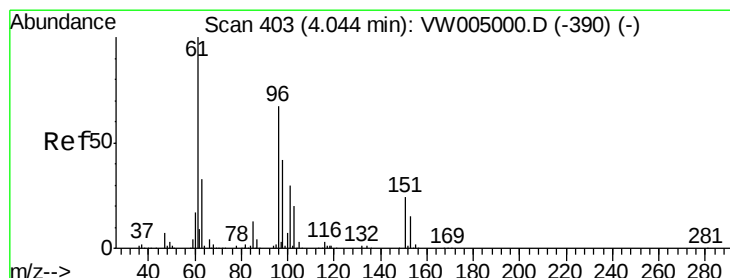
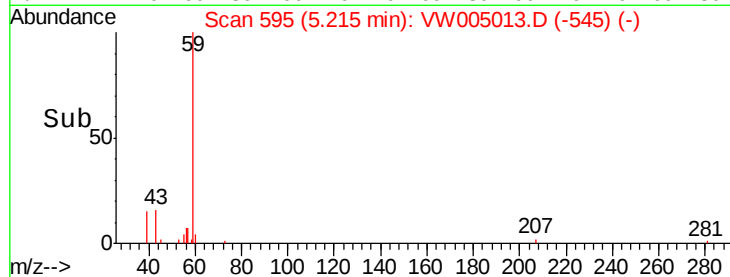
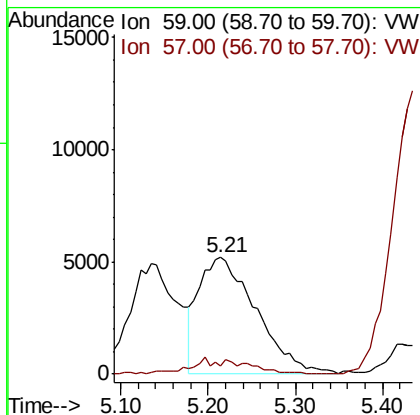
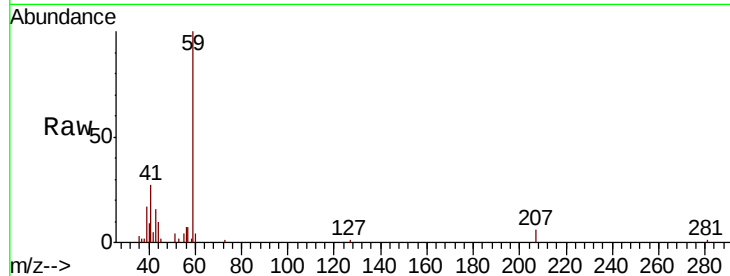
Tert butvl alcohol
 Concen: 90.32 ug/l
 RT: 5.21 min Scan# 595
 Delta R.T. 0.01 min
 Lab File: VW005013.D
 Acq: 30 Aug 2018 13:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0830SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	23780		
57	57	6.5		8.1	12.1#

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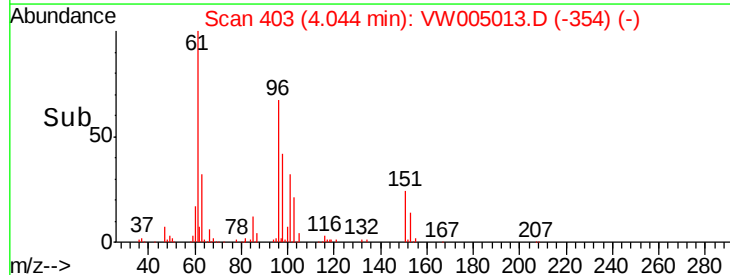
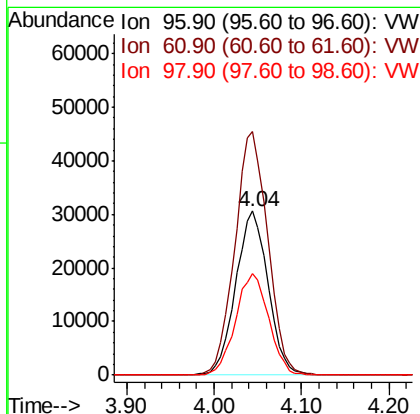
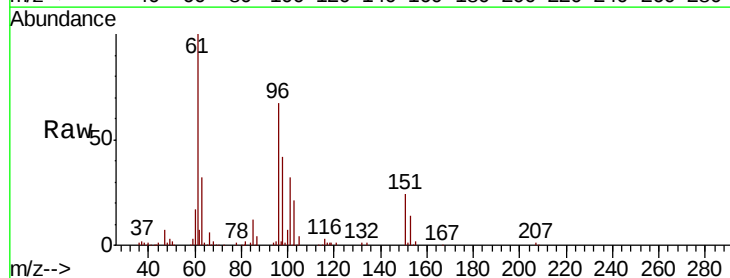
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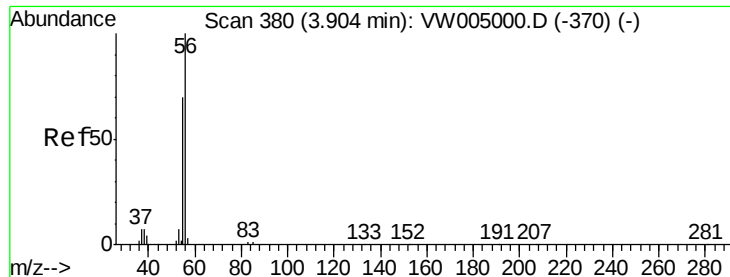


#12

1,1-Dichloroethene
 Concen: 20.38 ug/l
 RT: 4.04 min Scan# 403
 Delta R.T. -0.00 min
 Lab File: VW005013.D
 Acq: 30 Aug 2018 13:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	79062		
61	61	148.6		119.5	179.3
98	98	62.3		50.4	75.6





#13

Acrolein

Concen: 69.13 ug/l

RT: 3.90 min Scan# 380

Delta R.T. -0.00 min

Lab File: VW005013.D

Acq: 30 Aug 2018 13:01

Instrument :

MSVOA_W

ClientSampleId :

VW0830SBS01

Tot Ion: 56 Resp: 21418

Ion Ratio Lower Upper

56 100

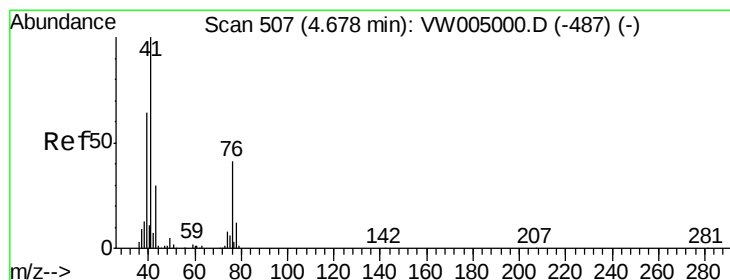
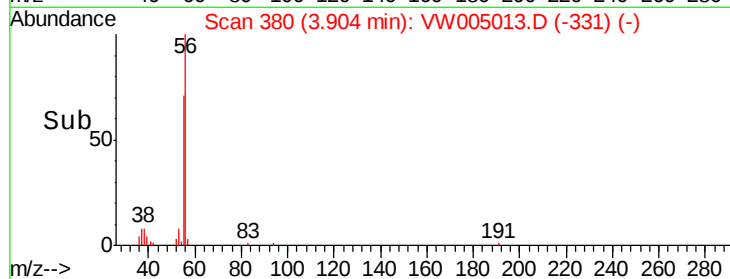
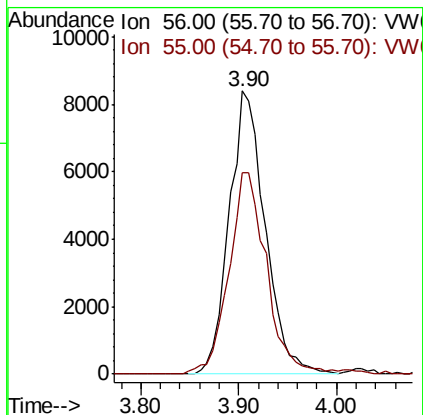
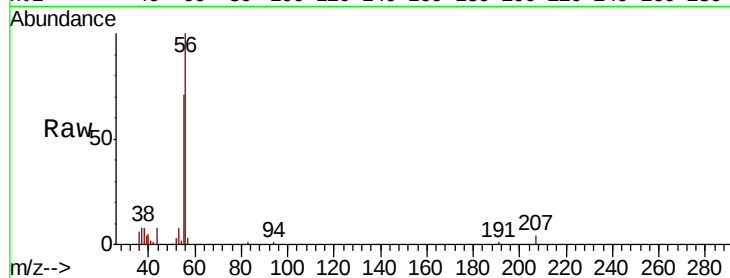
55 73.8 56.4 84.6

Manual Integrations

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#14

Allyl chloride

Concen: 20.69 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: VW005013.D

Acq: 30 Aug 2018 13:01

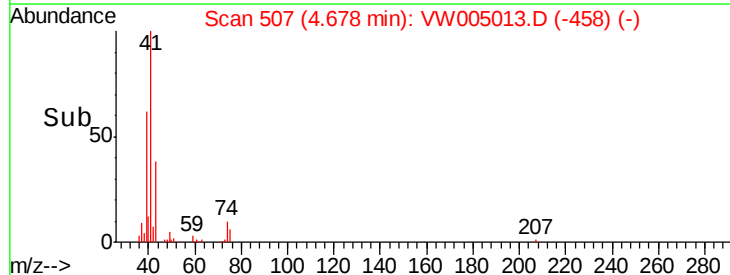
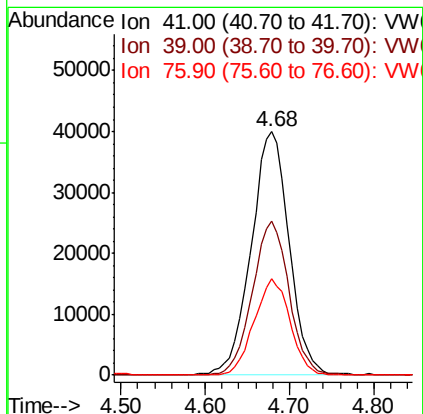
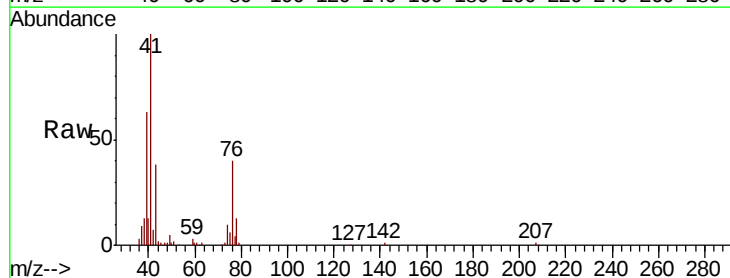
Tgt Ion: 41 Resp: 123586

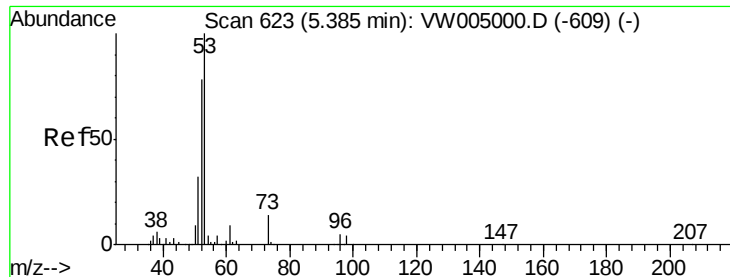
Ion Ratio Lower Upper

41 100

39 61.2 49.4 74.2

76 37.3 31.4 47.2





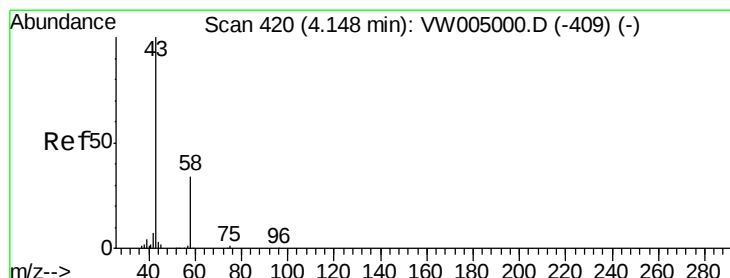
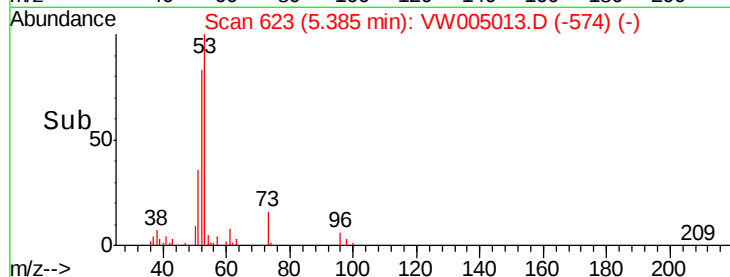
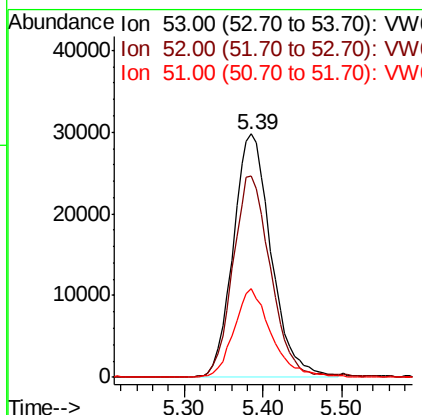
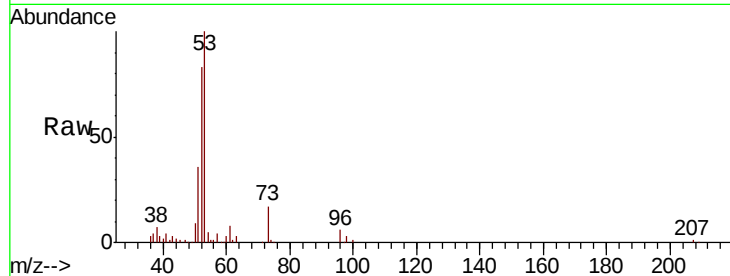
#15
 Acrylonitrile
 Concen: 102.13 ug/l
 RT: 5.39 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: VW005013.D
 Acq: 30 Aug 2018 13:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0830SBSD01

Tot Ion:	53	Resp:	99612
Ion Ratio	Lower	Upper	
53	100		
52	81.9	65.0	97.6
51	36.1	28.6	43.0

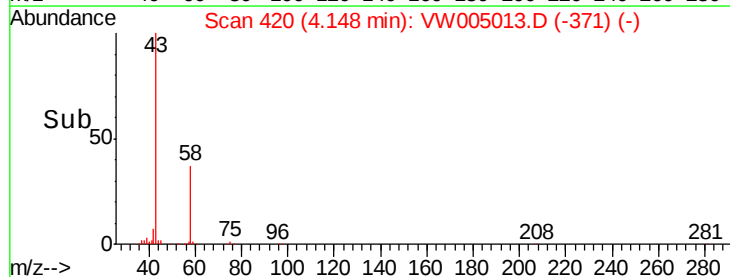
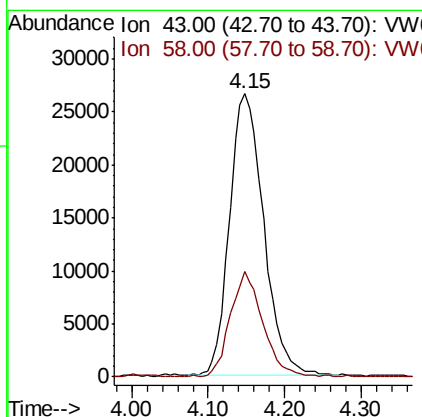
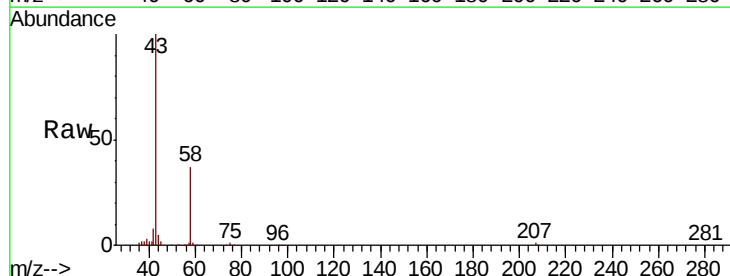
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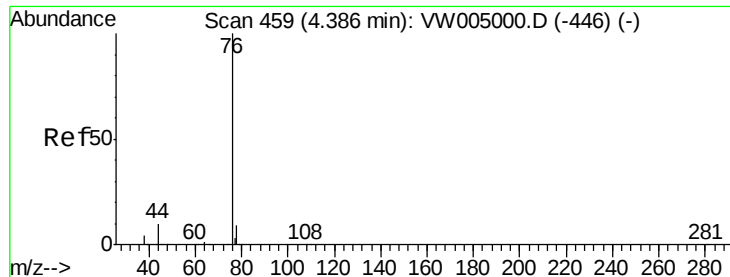
apatel
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#16
 Acetone
 Concen: 100.08 ug/l
 RT: 4.15 min Scan# 420
 Delta R.T. -0.00 min
 Lab File: VW005013.D
 Acq: 30 Aug 2018 13:01

Tgt Ion:	43	Resp:	82009
Ion Ratio	Lower	Upper	
43	100		
58	37.0	27.2	40.8





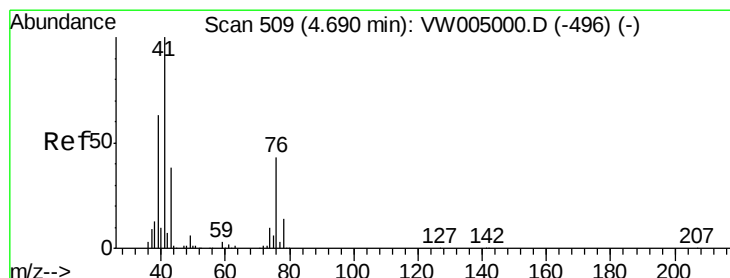
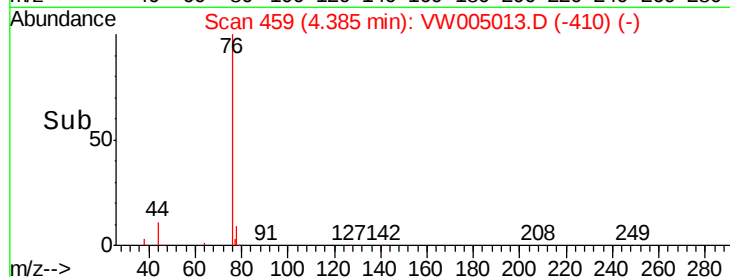
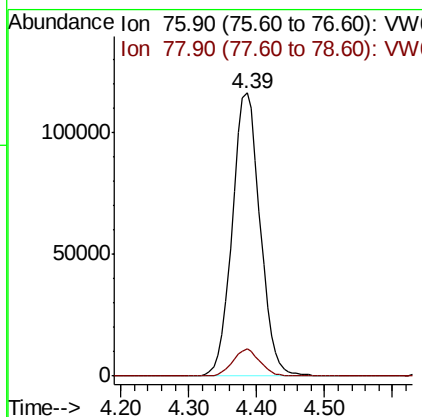
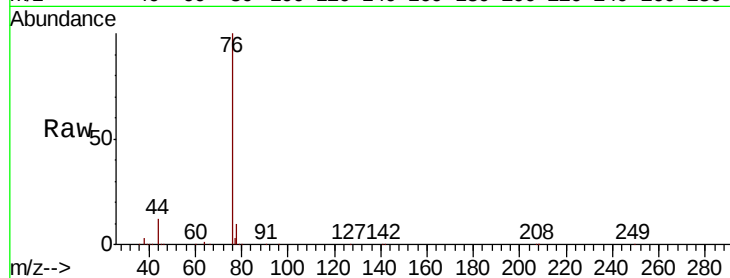
#17
Carbon Disulfide
Concen: 20.22 ug/l
RT: 4.39 min Scan# 459
Delta R.T. -0.00 min
Lab File: VW005013.D
Acq: 30 Aug 2018 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0830SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
76	100	329590		
78	9.8		7.4	11.2

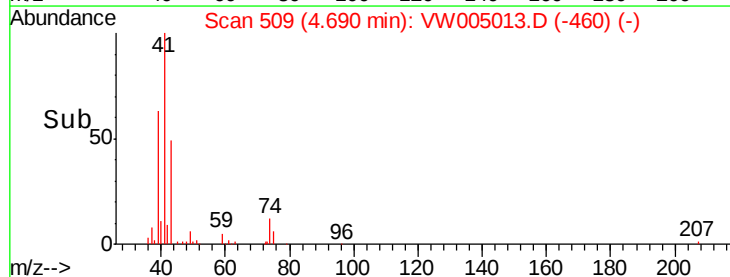
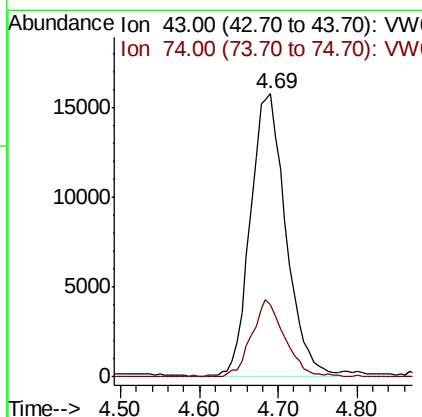
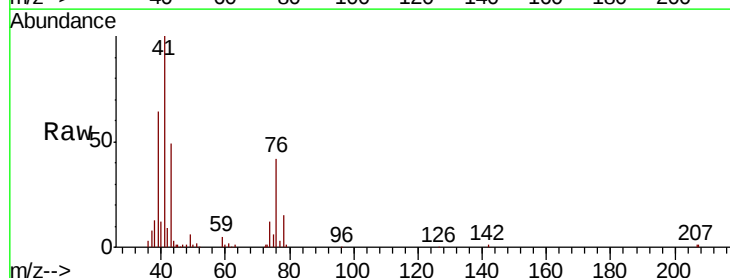
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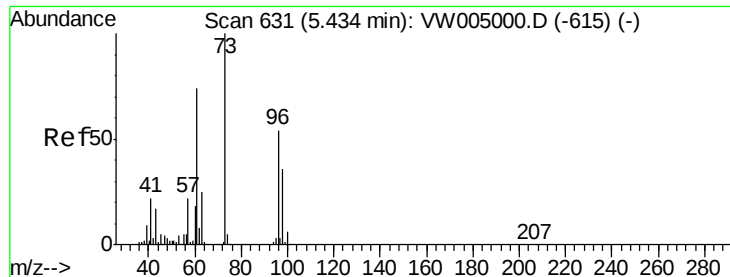
apatel
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#18
Methyl Acetate
Concen: 24.97 ug/l
RT: 4.69 min Scan# 509
Delta R.T. -0.00 min
Lab File: VW005013.D
Acq: 30 Aug 2018 13:01

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	49569		
74	25.5		20.3	30.5





#19

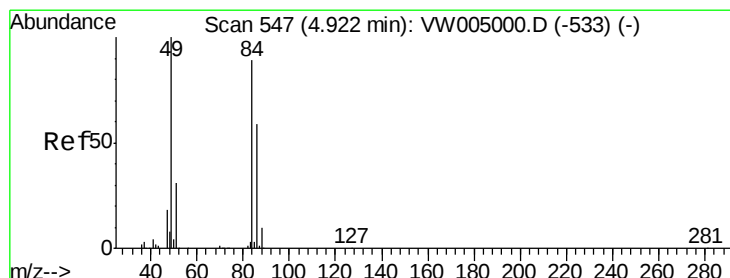
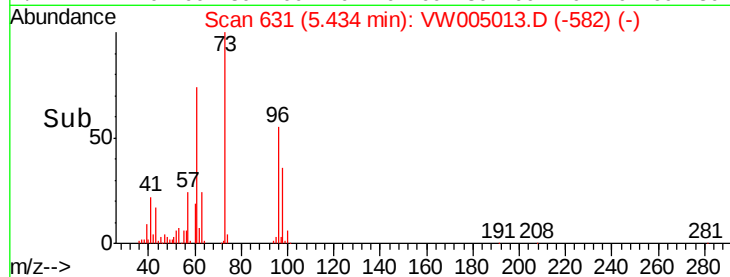
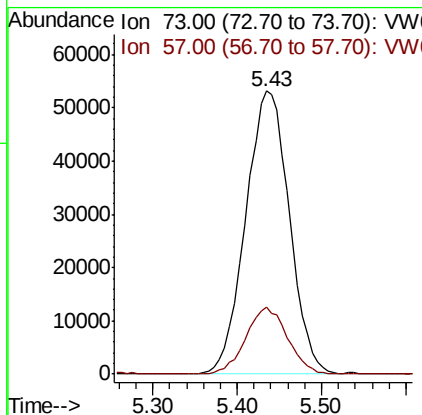
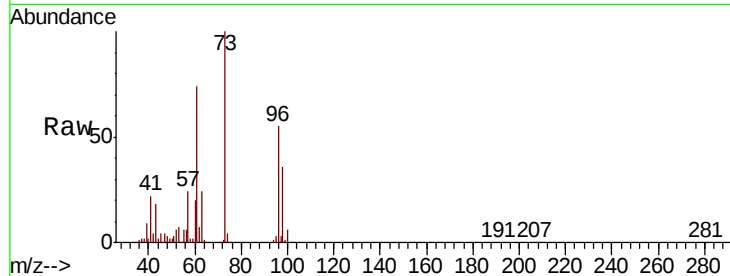
Methvl tert-butvl Ether
 Concen: 22.51 ug/l
 RT: 5.43 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: VW005013.D
 Acq: 30 Aug 2018 13:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0830SBS01

Tot Ion	73	Resp	187596
Ion Ratio	Lower	Upper	
73	100		
57	23.7	17.6	26.4

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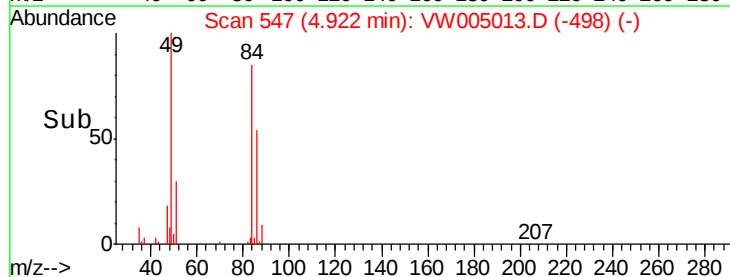
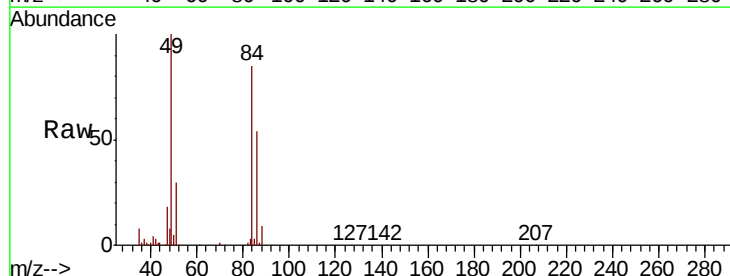
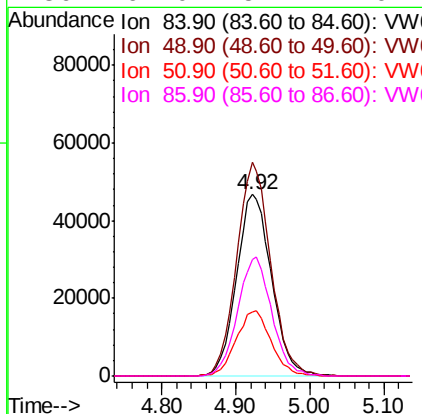
apatel
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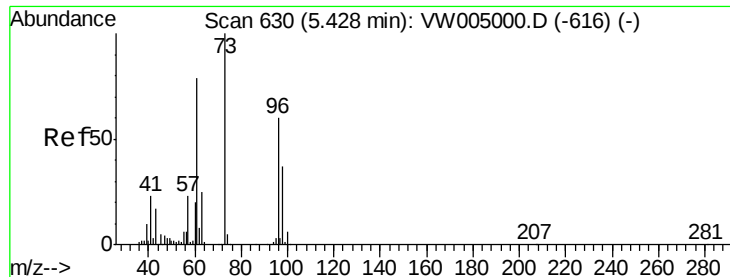


#20

Methylene Chloride
 Concen: 24.18 ug/l
 RT: 4.92 min Scan# 547
 Delta R.T. -0.00 min
 Lab File: VW005013.D
 Acq: 30 Aug 2018 13:01

Tgt Ion	84	Resp	154051
Ion Ratio	Lower	Upper	
84	100		
49	117.7	89.7	134.5
51	35.2	27.5	41.3
86	64.0	52.7	79.1





#21

trans-1,2-Dichloroethene

Concen: 21.18 ug/l

RT: 5.43 min Scan# 630

Delta R.T. -0.00 min

Lab File: VW005013.D

Acq: 30 Aug 2018 13:01

Instrument :

MSVOA_W

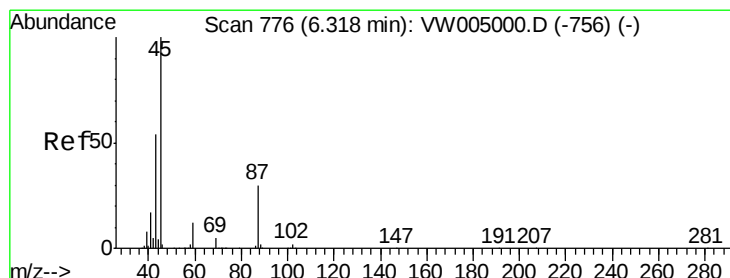
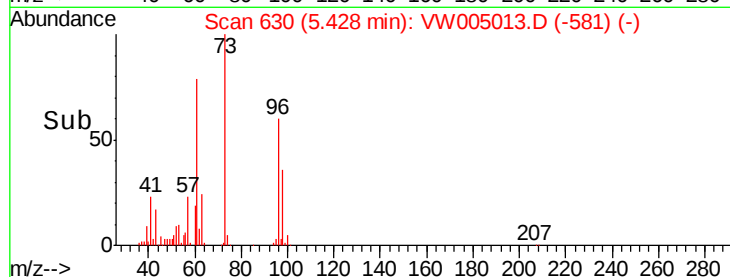
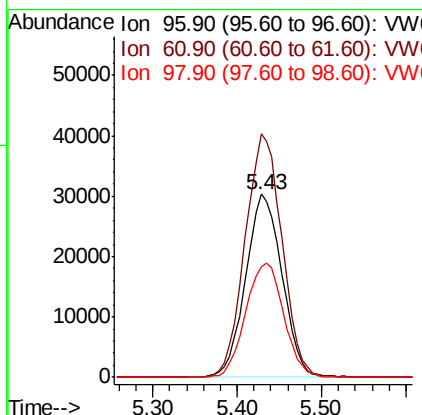
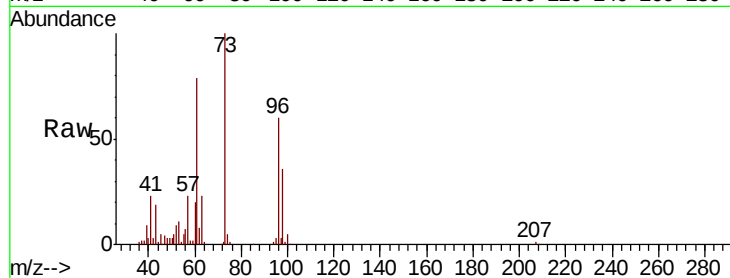
ClientSampled :

VW0830SBSD01

Tot Ion:	96	Resp:	89222
Ion	Ratio	Lower	Upper
96	100		
61	133.1	106.2	159.2
98	60.1	49.5	74.3

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#22

Diisopropyl ether

Concen: 22.20 ug/l

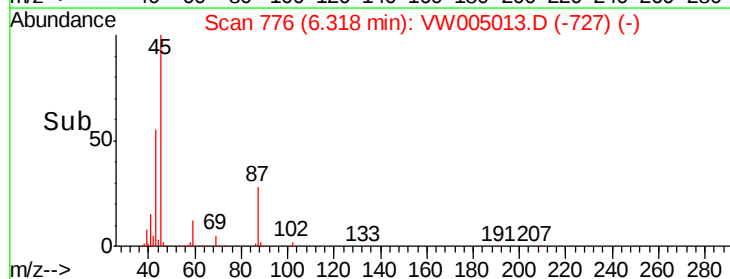
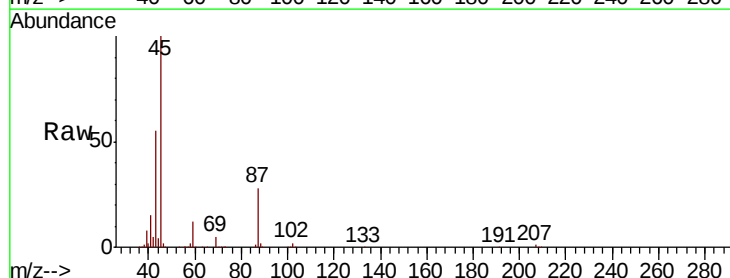
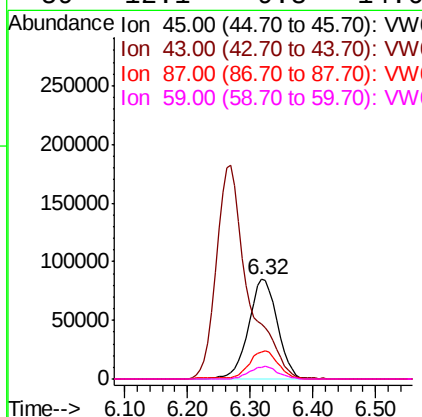
RT: 6.32 min Scan# 776

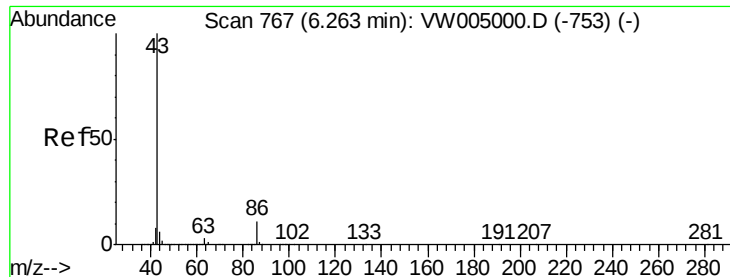
Delta R.T. -0.00 min

Lab File: VW005013.D

Acq: 30 Aug 2018 13:01

Tgt Ion:	45	Resp:	270681
Ion	Ratio	Lower	Upper
45	100		
43	54.8	43.5	65.3
87	27.6	23.8	35.8
59	12.1	9.8	14.6





#23

Vinyl Acetate

Concen: 102.17 ug/l

RT: 6.27 min Scan# 768

Delta R.T. 0.01 min

Lab File: VW005013.D

Acq: 30 Aug 2018 13:01

Instrument :

MSVOA_W

ClientSampleID :

VW0830SBS01

Tot Ion: 43 Resp: 636881

Ion Ratio Lower Upper

43 100

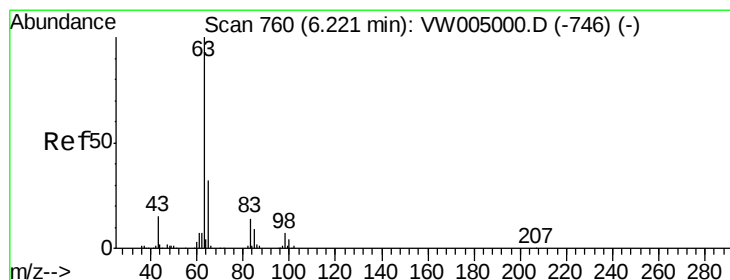
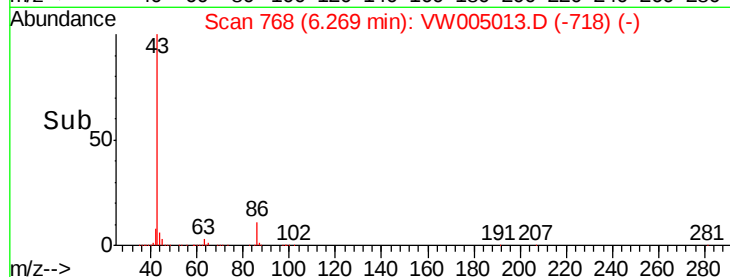
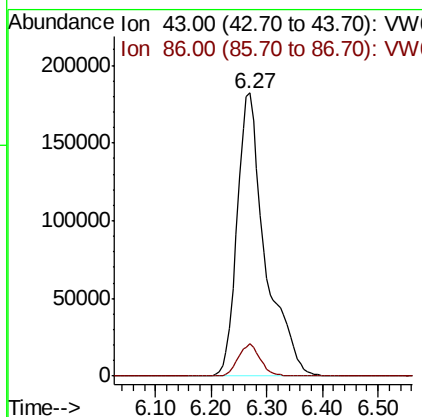
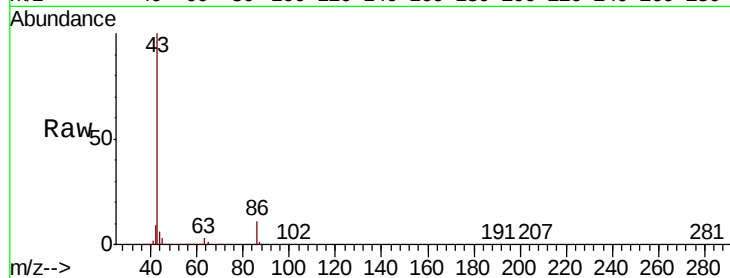
86 11.3 9.0 13.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 21.43 ug/l

RT: 6.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VW005013.D

Acq: 30 Aug 2018 13:01

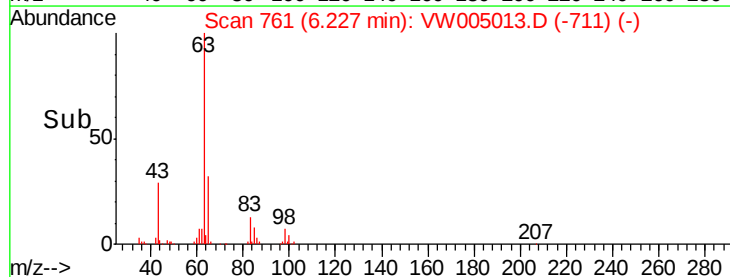
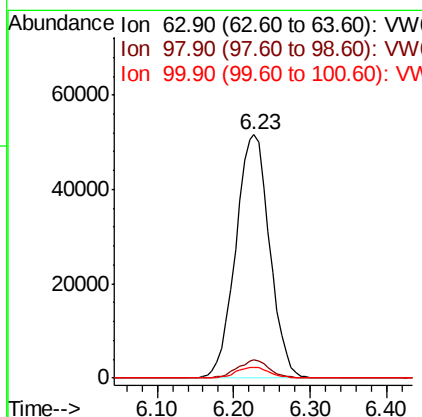
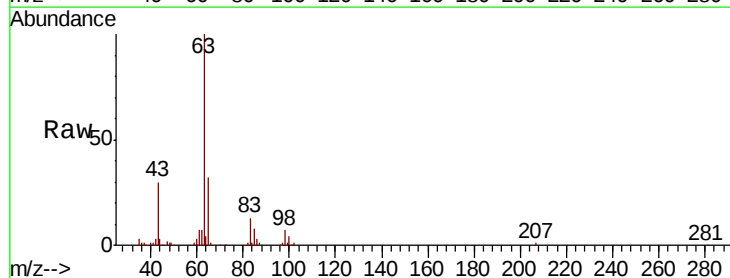
Tgt Ion: 63 Resp: 158127

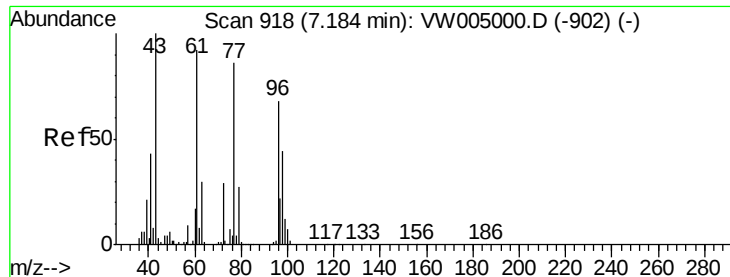
Ion Ratio Lower Upper

63 100

98 7.4 3.4 10.2

100 4.4 2.2 6.6





#25

2-Butanone

Concen: 107.28 ug/l

RT: 7.18 min Scan# 918

Delta R.T. -0.00 min

Lab File: VW005013.D

Acq: 30 Aug 2018 13:01

Instrument :

MSVOA_W

ClientSampleId :

VW0830SBS01

Tot Ion: 43 Resp: 137083

Ion Ratio Lower Upper

43 100

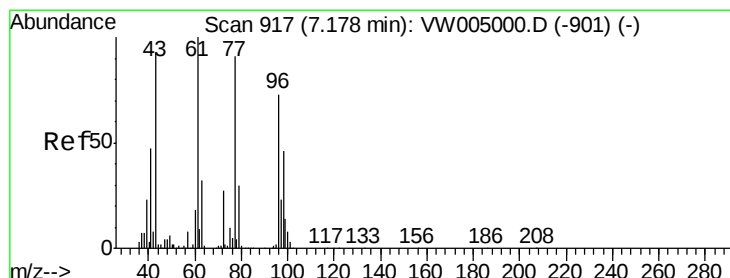
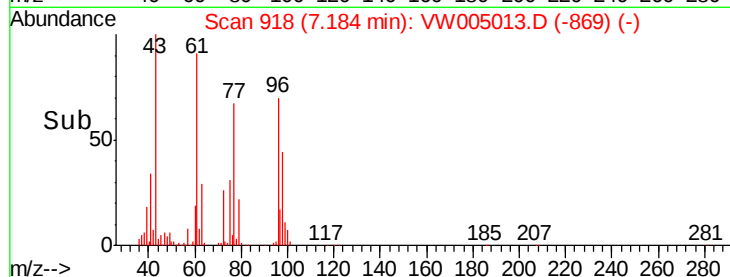
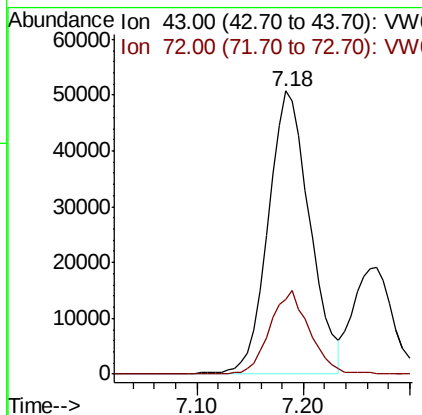
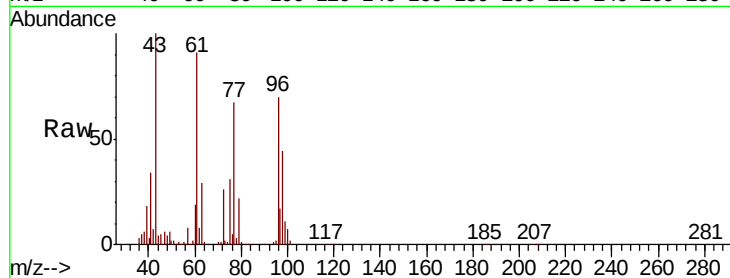
72 26.3 23.4 35.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.05 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.00 min

Lab File: VW005013.D

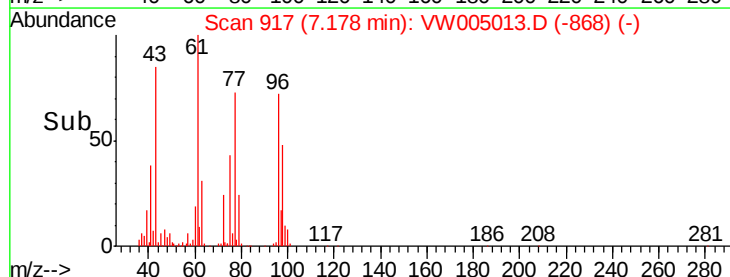
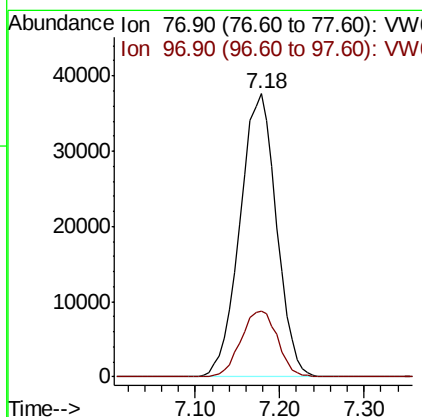
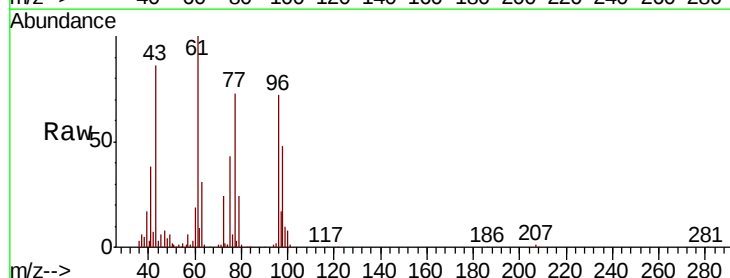
Acq: 30 Aug 2018 13:01

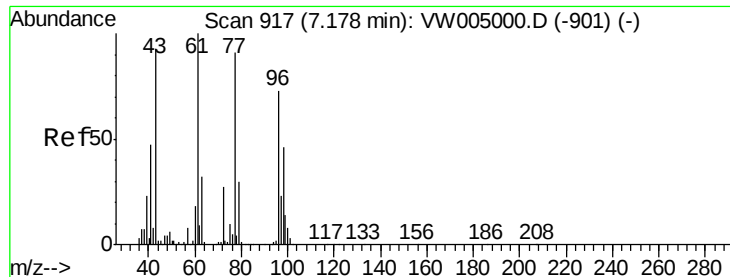
Tgt Ion: 77 Resp: 110391

Ion Ratio Lower Upper

77 100

97 23.5 12.2 36.4





#27

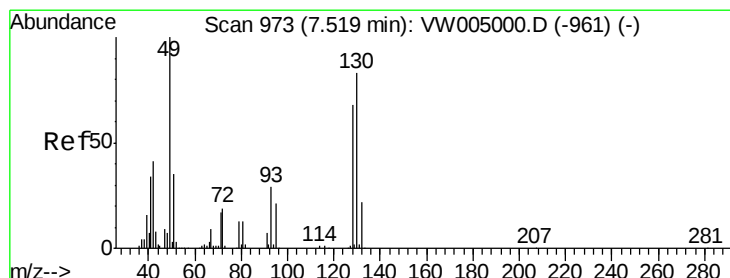
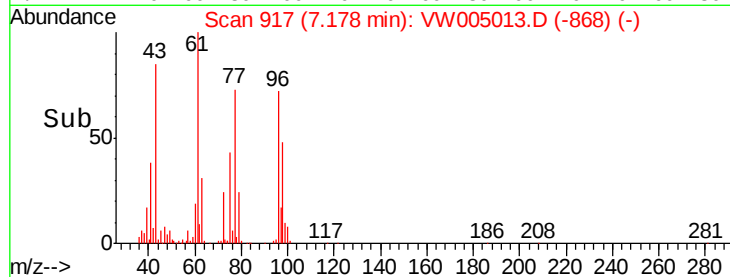
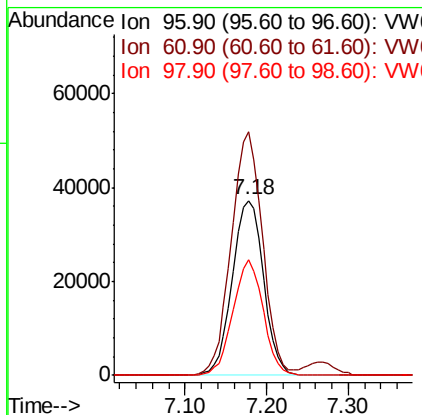
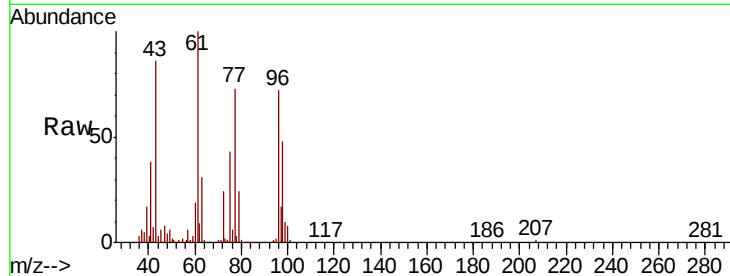
cis-1,2-Dichloroethene
 Concen: 21.54 ug/l
 RT: 7.18 min Scan# 917
 Delta R.T. -0.00 min
 Lab File: VW005013.D
 Acq: 30 Aug 2018 13:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0830SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.9	0.0	281.6
98	63.9	0.0	129.0

Manual Integrations
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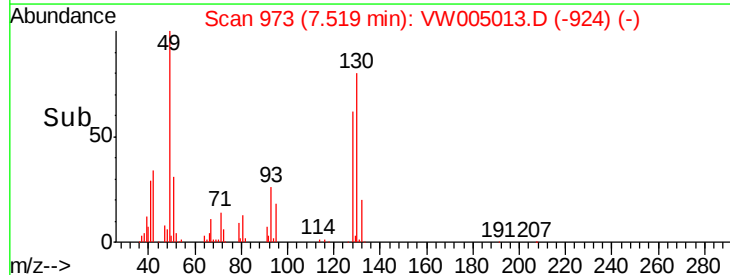
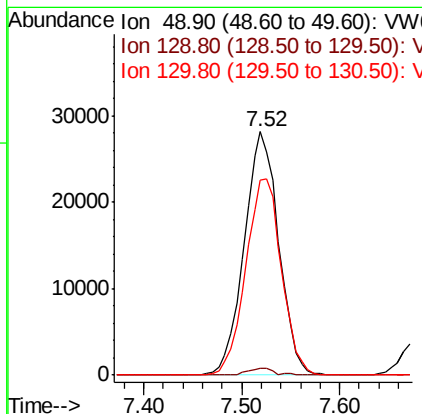
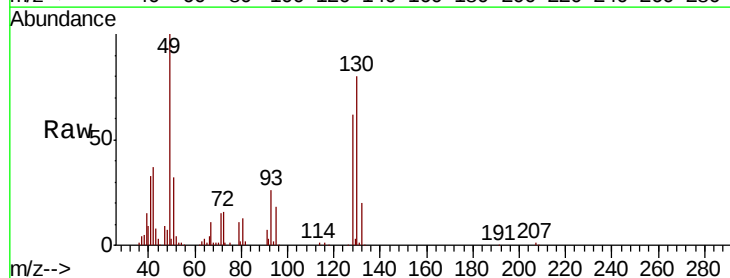
apatel
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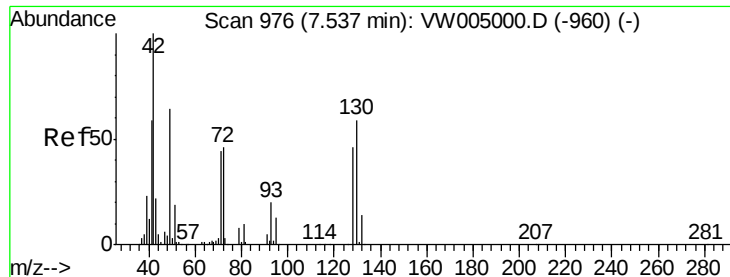


#28

Bromochloromethane
 Concen: 21.17 ug/l
 RT: 7.52 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VW005013.D
 Acq: 30 Aug 2018 13:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	83.1	68.2	102.2





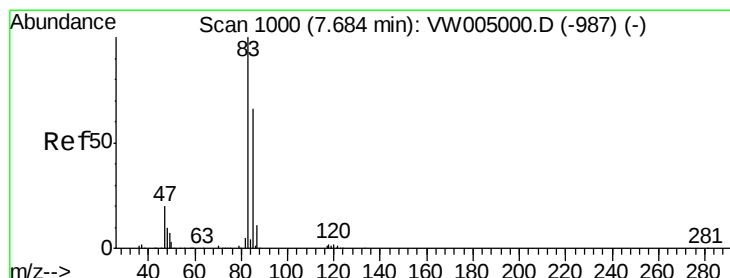
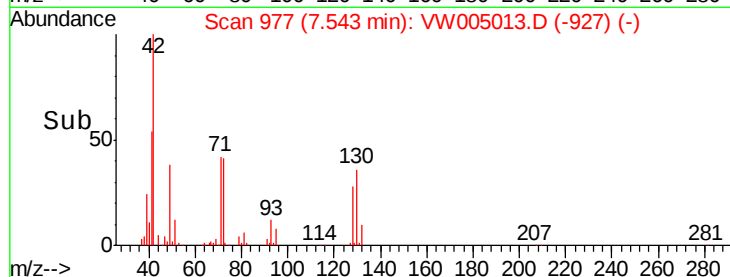
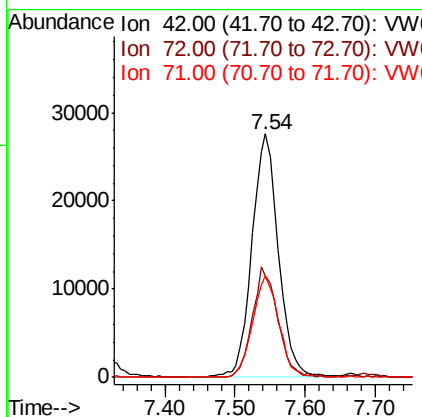
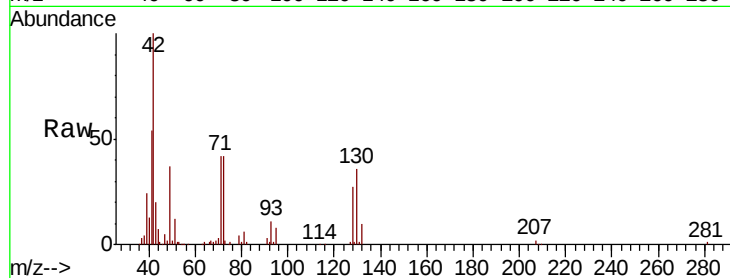
#29
Tetrahydrofuran
Concen: 112.96 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW005013.D
Acq: 30 Aug 2018 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0830SBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.4	36.6	55.0
71	41.1	35.4	53.2

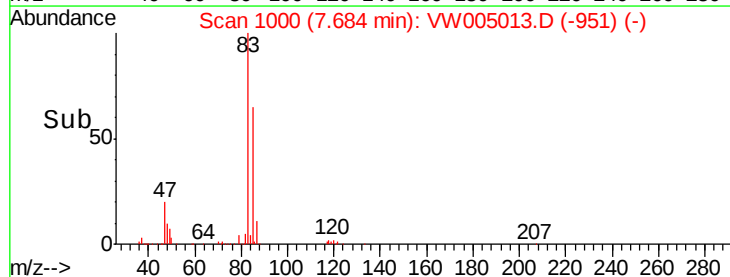
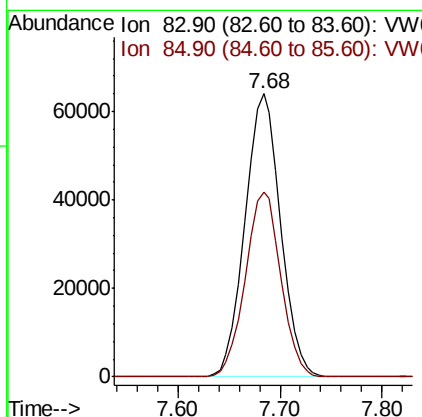
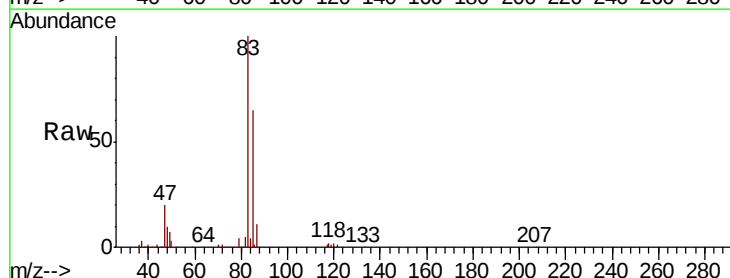
Manual Integrations
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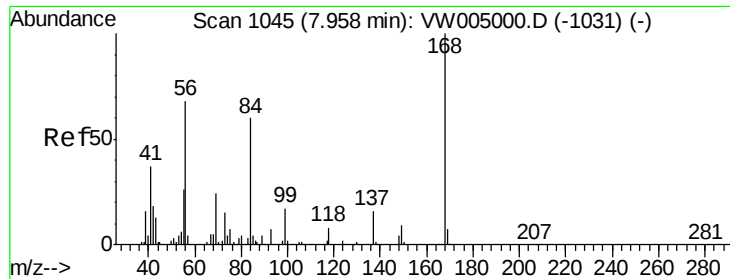
apatel
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#30
Chloroform
Concen: 21.40 ug/l
RT: 7.68 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VW005013.D
Acq: 30 Aug 2018 13:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.6	78.8





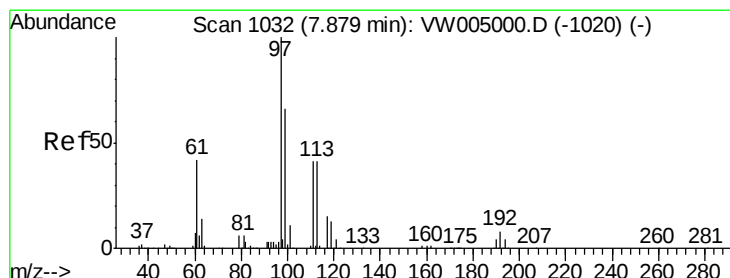
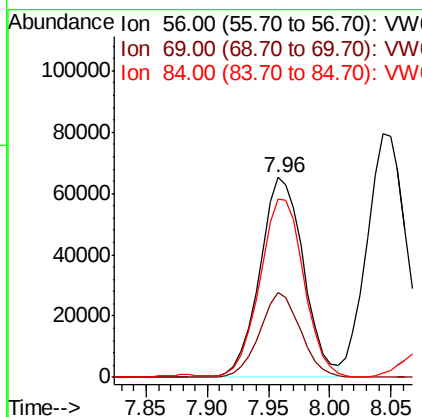
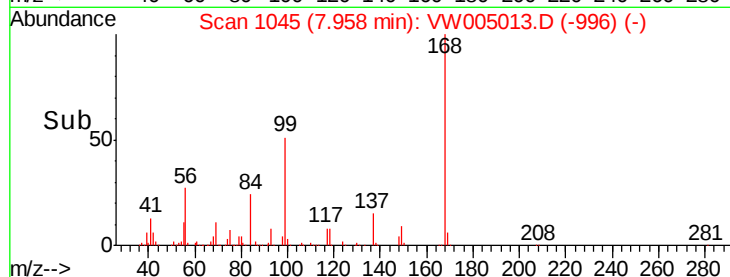
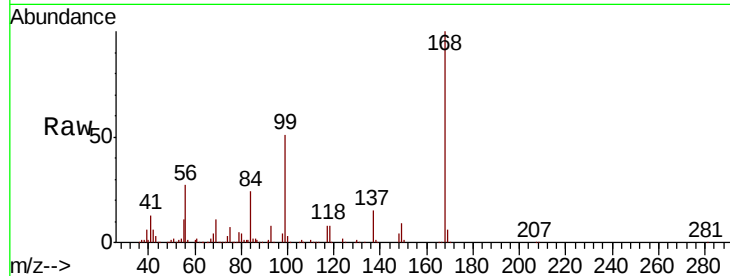
#31
Cyclohexane
Concen: 20.79 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.00 min
Lab File: VW005013.D
Acq: 30 Aug 2018 13:01

Instrument :
MSVOA_W
ClientSampleID :
VW0830SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	42.3	27.9	41.9#
84	88.1	70.5	105.7

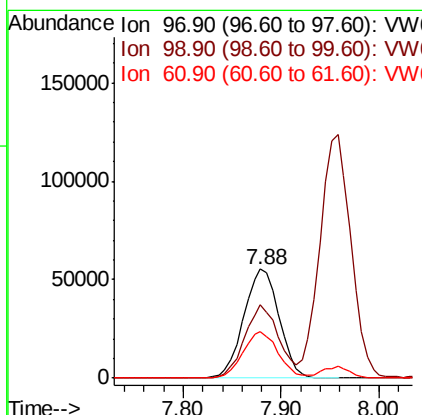
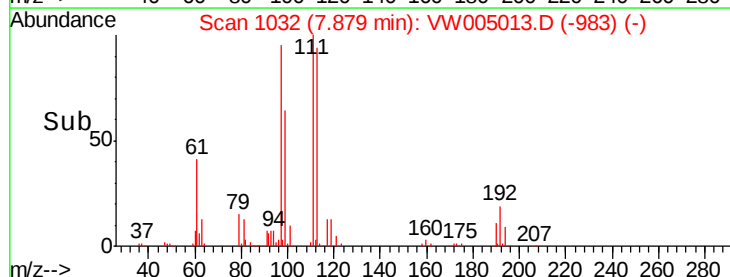
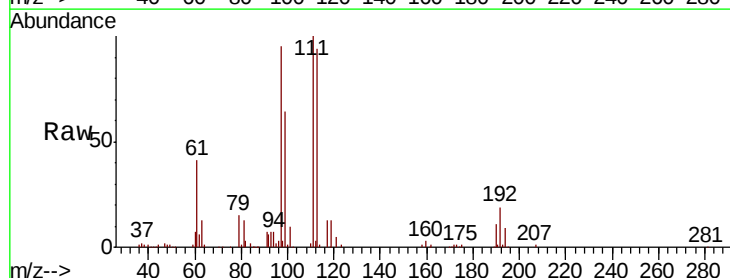
Manual Integrations
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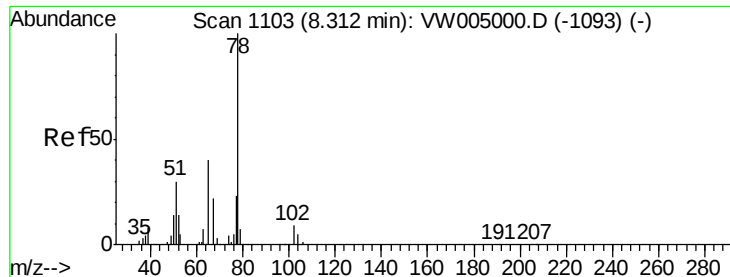
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#32
1,1,1-Trichloroethane
Concen: 20.82 ug/l
RT: 7.88 min Scan# 1032
Delta R.T. -0.00 min
Lab File: VW005013.D
Acq: 30 Aug 2018 13:01

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	52.3	78.5
61	42.5	33.2	49.8





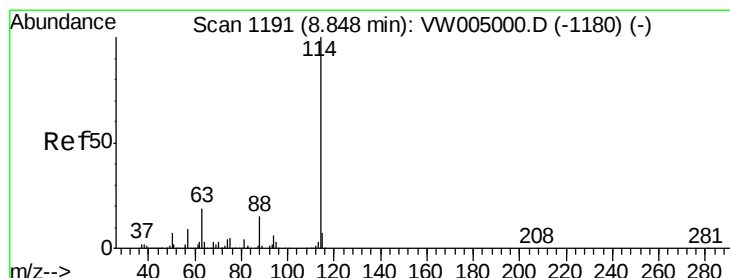
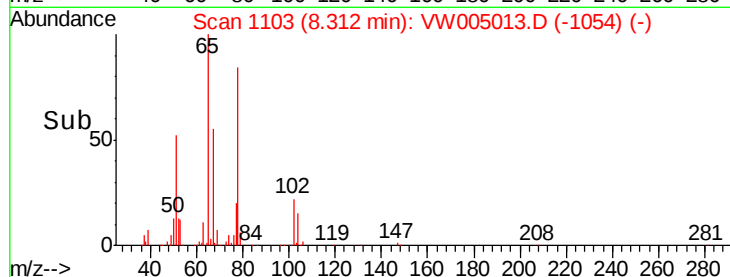
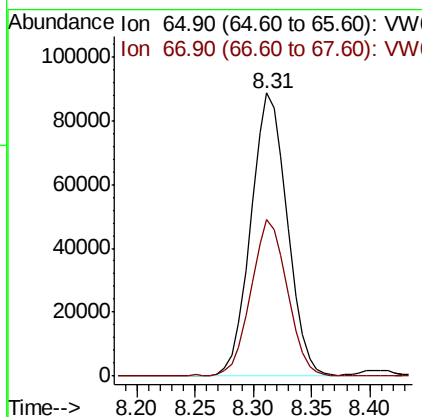
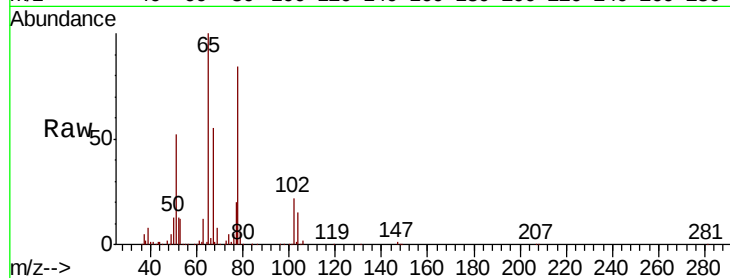
#33
 1,2-Dichloroethane-d4
 Concen: 52.81 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW005013.D
 Acq: 30 Aug 2018 13:01

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0830SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.4	0.0	112.8	

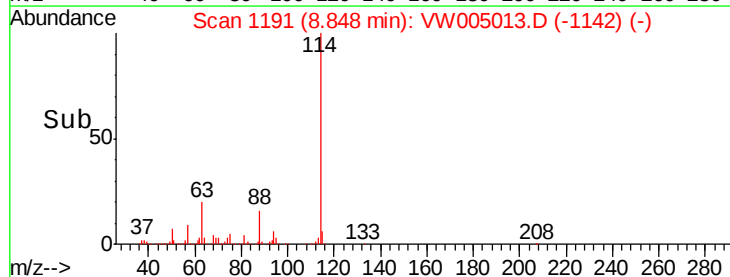
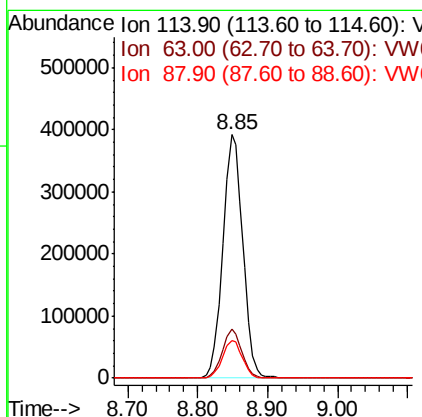
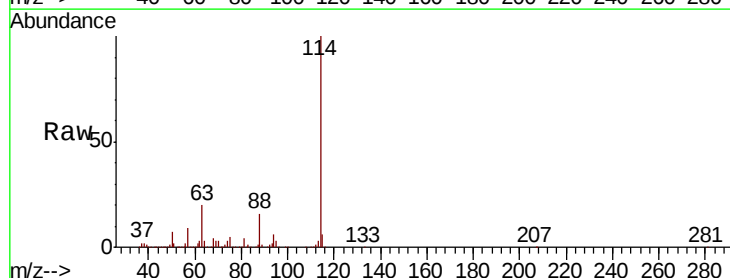
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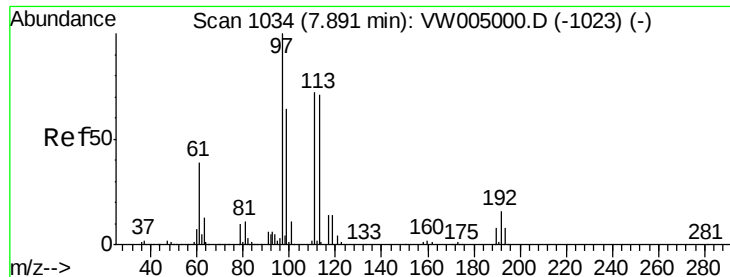
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005013.D
 Acq: 30 Aug 2018 13:01

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.0	0.0	38.4	
88	15.6	0.0	30.6	





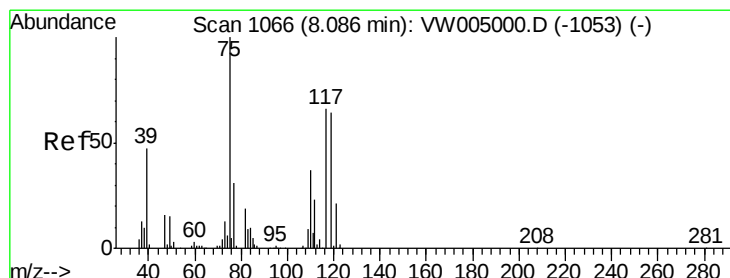
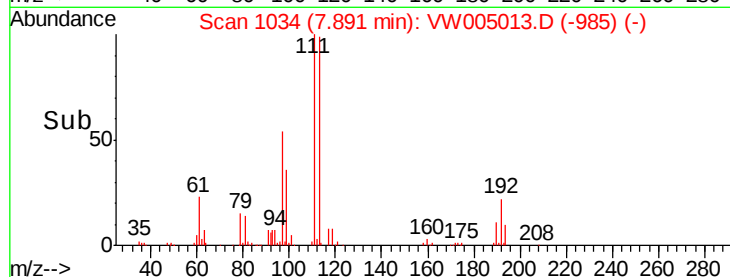
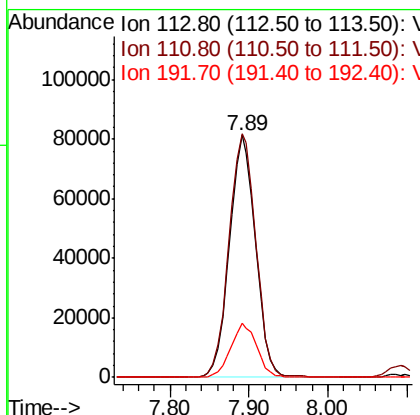
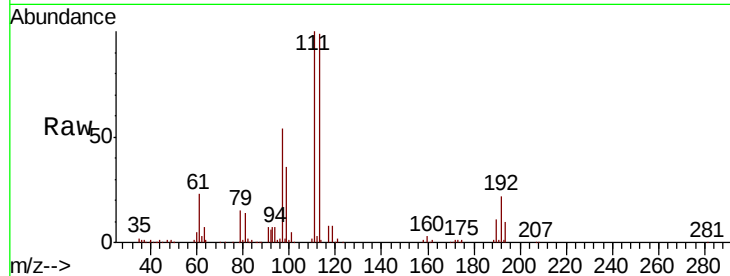
#35
 Dibromofluoromethane
 Concen: 48.64 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005013.D
 Acq: 30 Aug 2018 13:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0830SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	186643		
111	103.6	81.3	121.9	
192	22.1	17.8	26.8	

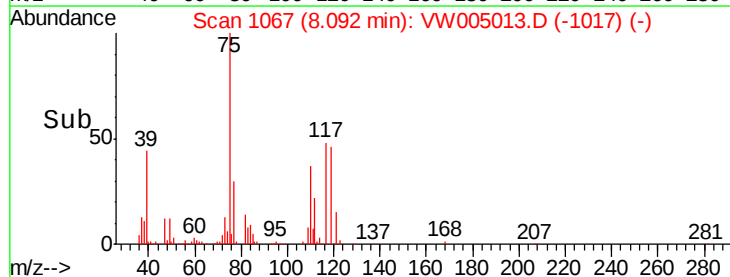
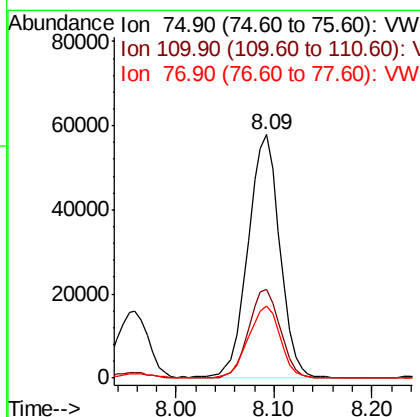
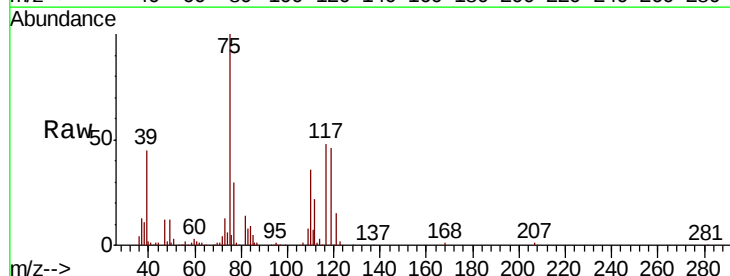
Manual Integrations
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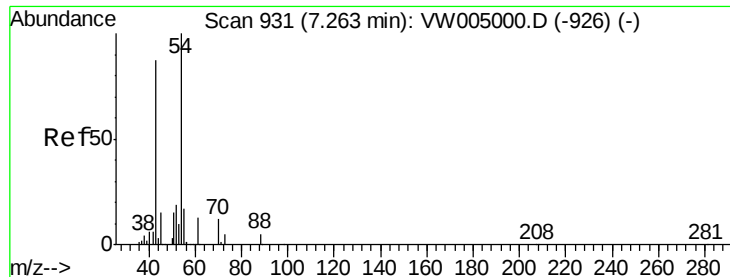
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#36
 1,1-Dichloropropene
 Concen: 19.95 ug/l
 RT: 8.09 min Scan# 1067
 Delta R.T. 0.01 min
 Lab File: VW005013.D
 Acq: 30 Aug 2018 13:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	130893		
110	36.4	18.7	56.1	
77	29.7	24.9	37.3	





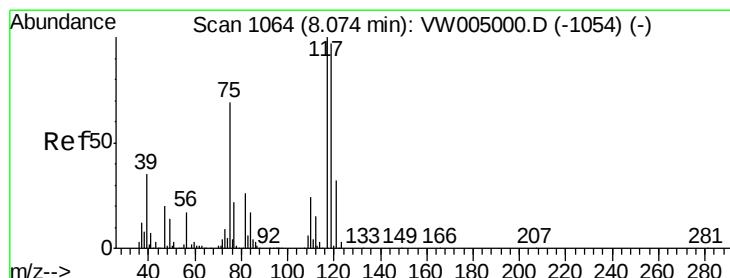
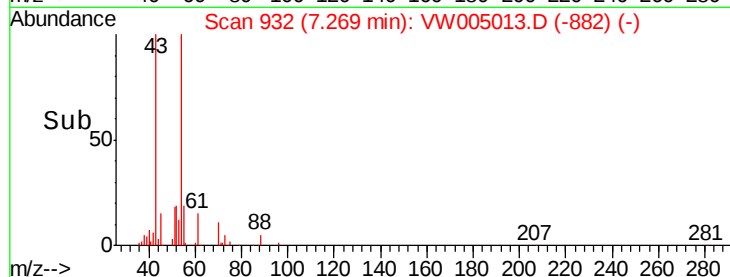
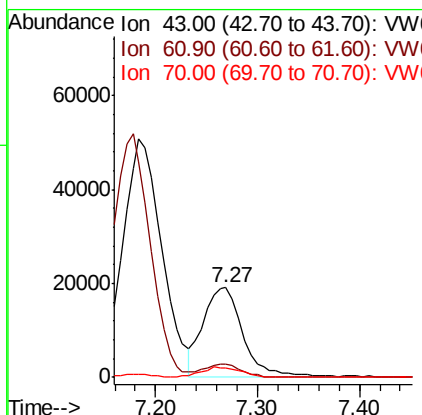
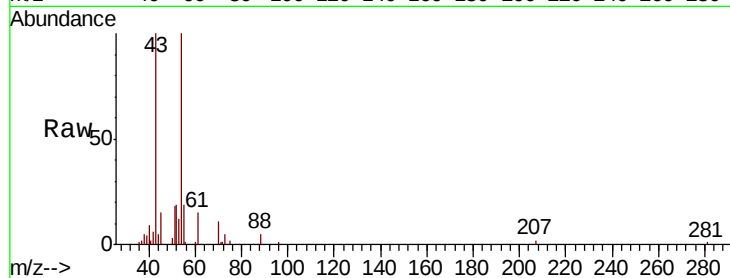
#37
Ethyl Acetate
Concen: 21.58 ug/l
RT: 7.27 min Scan# 932
Delta R.T. 0.01 min
Lab File: VW005013.D
Acq: 30 Aug 2018 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0830SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	12.3	18.5
70	11.6	9.7	14.5

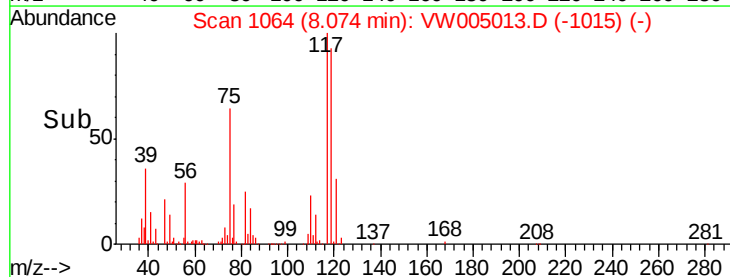
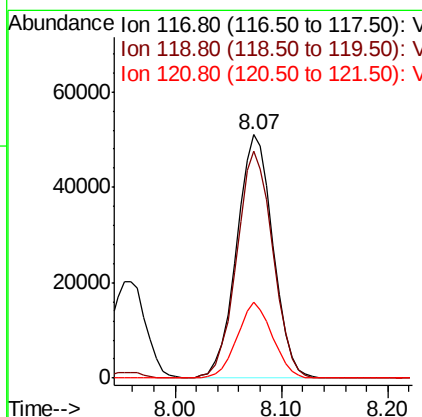
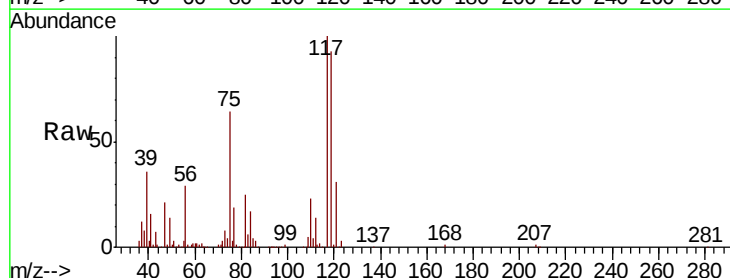
Manual Integrations
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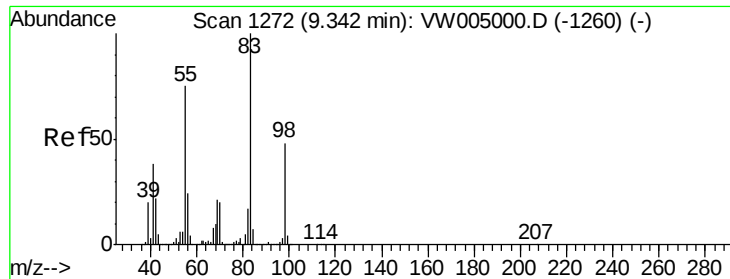
apatel
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#38
Carbon Tetrachloride
Concen: 19.24 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. -0.00 min
Lab File: VW005013.D
Acq: 30 Aug 2018 13:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.0	77.8	116.8
121	31.0	25.2	37.8





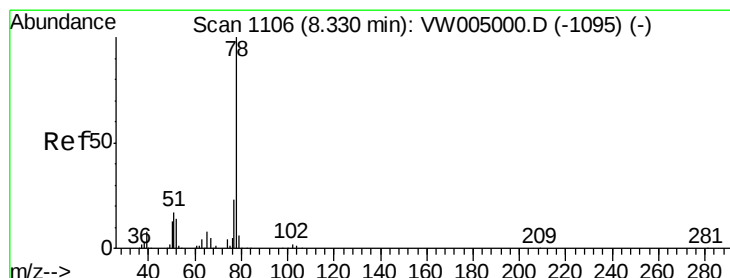
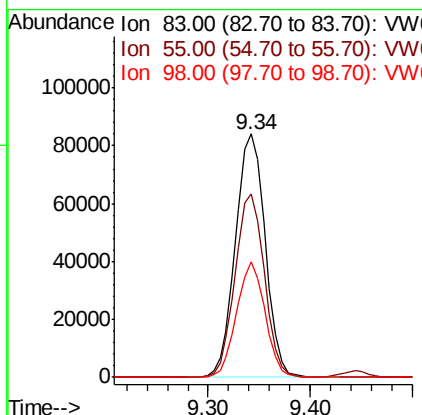
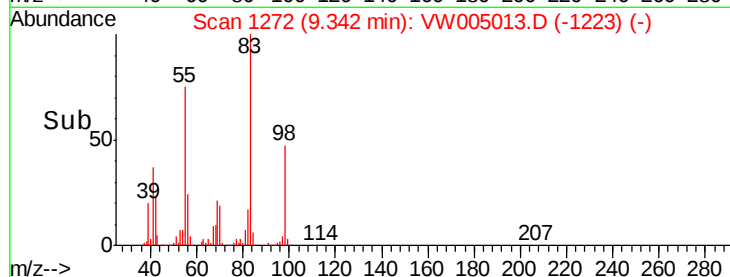
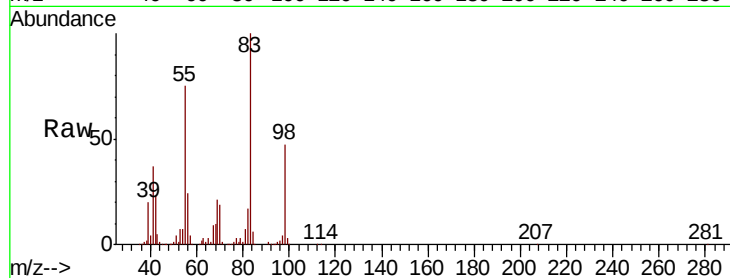
#39
Methvlcvclohexane
Concen: 18.81 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VW005013.D
Acq: 30 Aug 2018 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0830SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.1	60.2	90.2
98	47.3	38.6	57.8

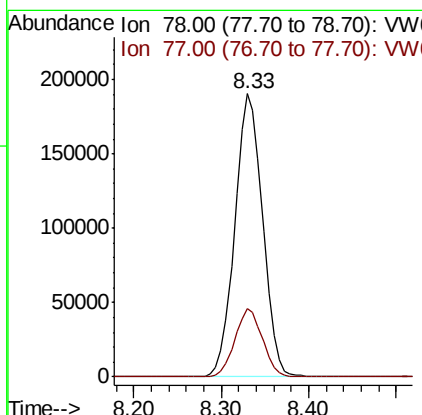
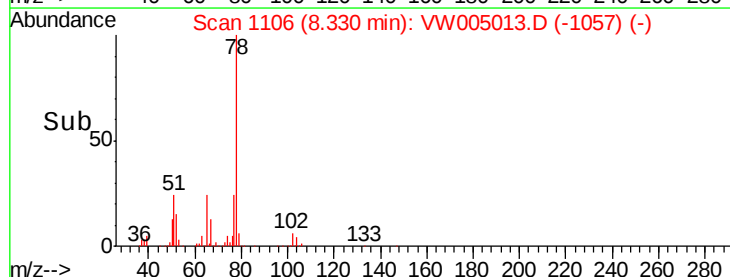
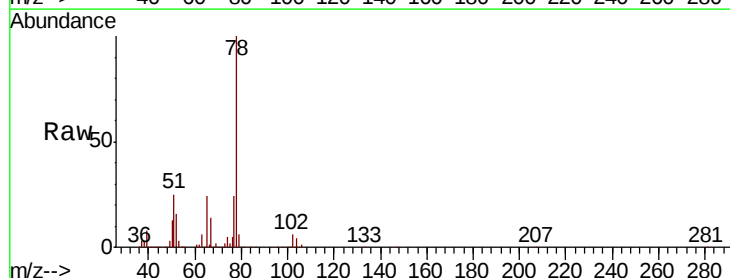
Manual Integrations
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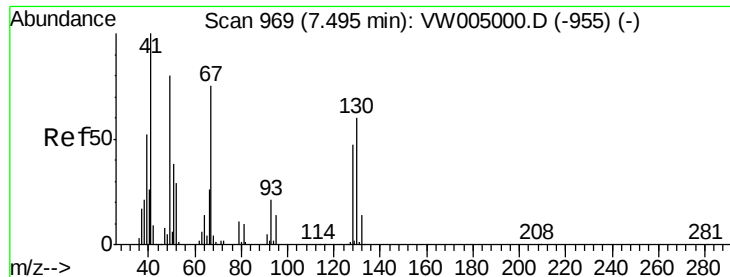
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#40
Benzene
Concen: 20.01 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VW005013.D
Acq: 30 Aug 2018 13:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.6	28.0





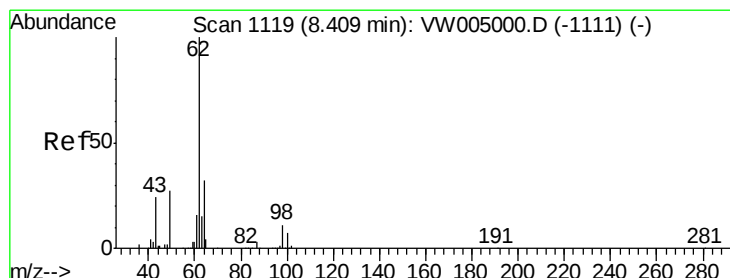
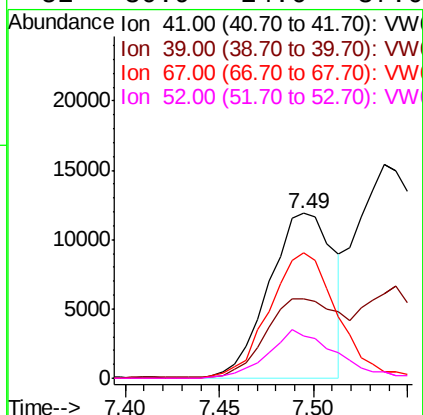
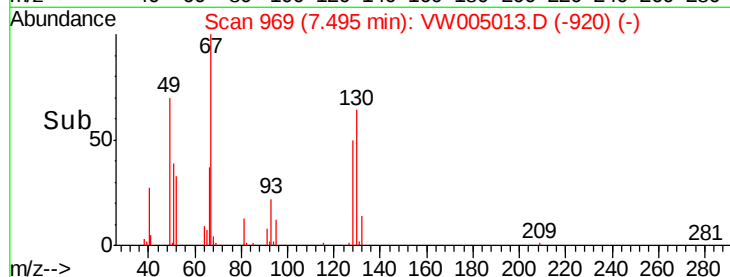
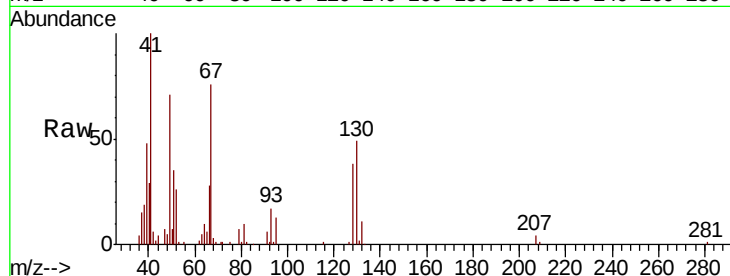
#41
Methacrylonitrile
Concen: 20.68 ug/l
RT: 7.49 min Scan# 969
Delta R.T. -0.00 min
Lab File: VW005013.D
Acq: 30 Aug 2018 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0830SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.6	42.0	63.0
67	80.2	63.4	95.2
52	30.9	24.6	37.0

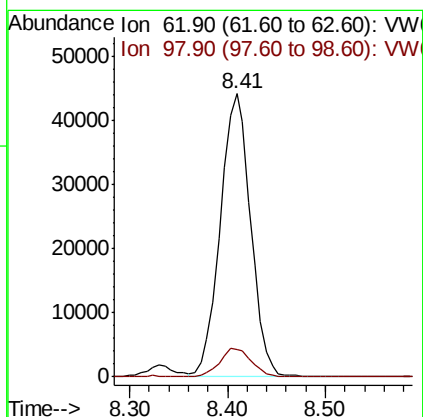
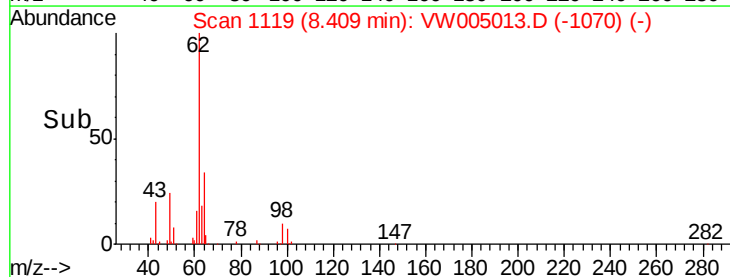
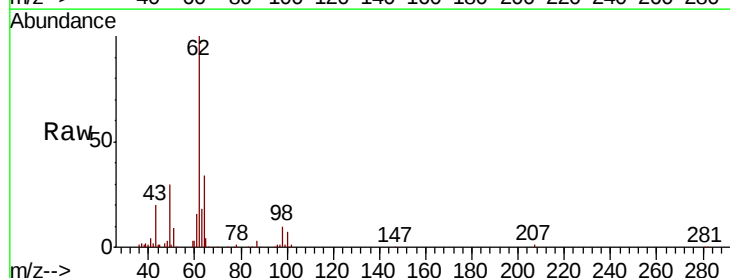
Manual Integrations
APPROVED

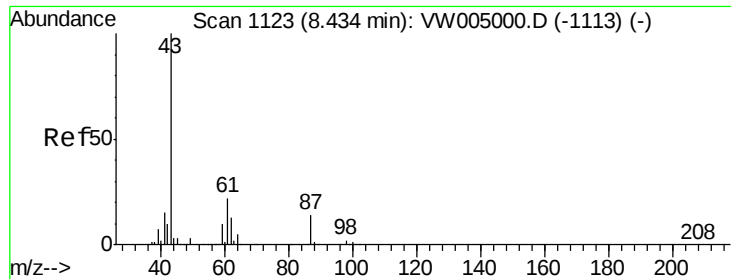
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#42
1,2-Dichloroethane
Concen: 20.32 ug/l
RT: 8.41 min Scan# 1119
Delta R.T. -0.00 min
Lab File: VW005013.D
Acq: 30 Aug 2018 13:01

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.8





#43

Isopropyl Acetate

Concen: 19.94 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VW005013.D

Acq: 30 Aug 2018 13:01

Instrument :

MSVOA_W

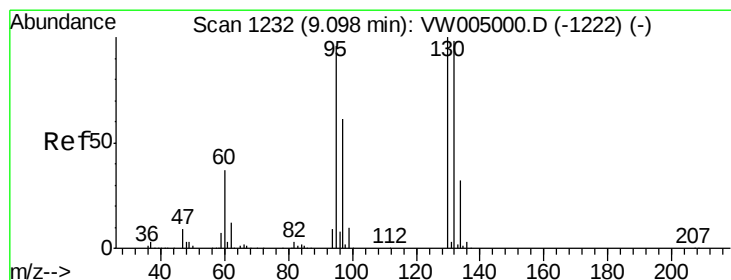
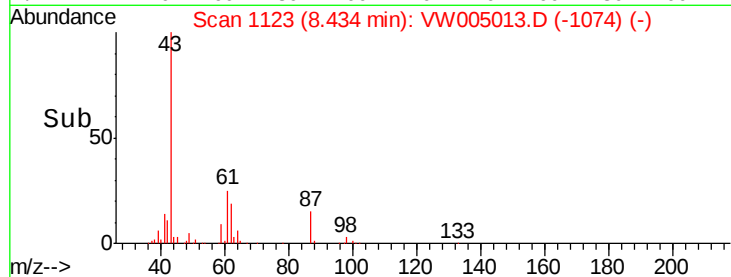
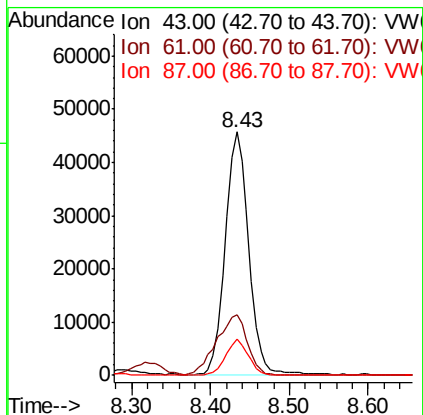
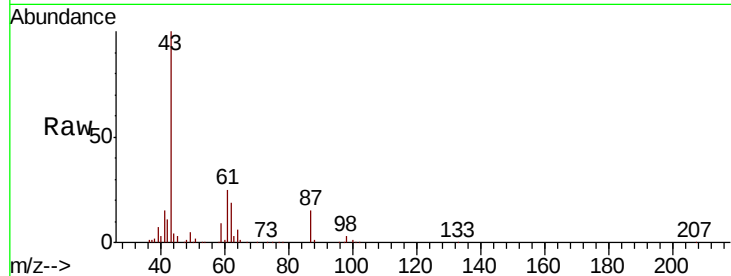
ClientSampleId :

VW0830SBS01

Tot Ion:	43	Resp:	93816
Ion	Ratio	Lower	Upper
43	100		
61	33.4	26.2	39.4
87	14.5	11.8	17.6

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#44

Trichloroethene

Concen: 19.68 ug/l

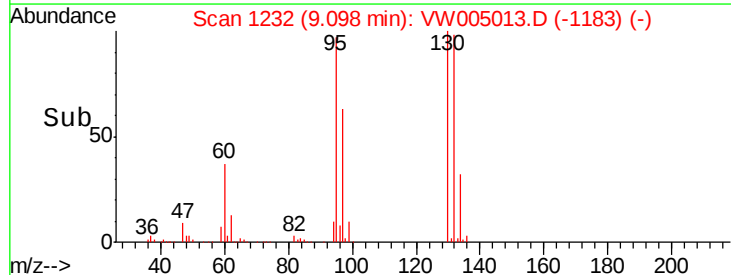
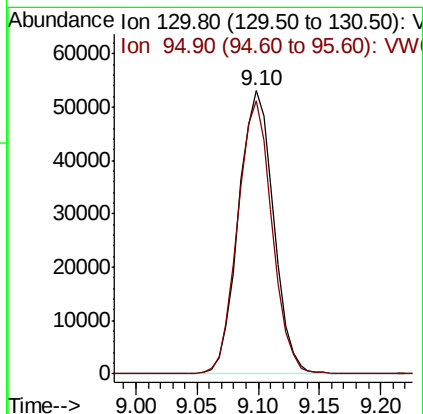
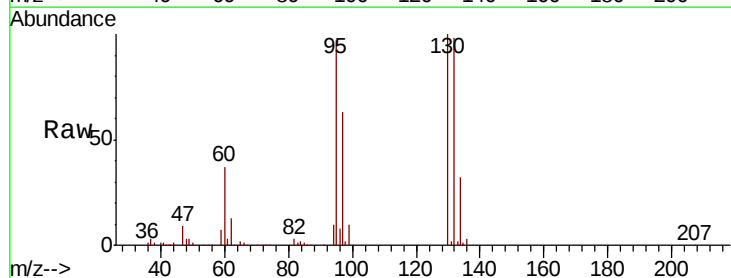
RT: 9.10 min Scan# 1232

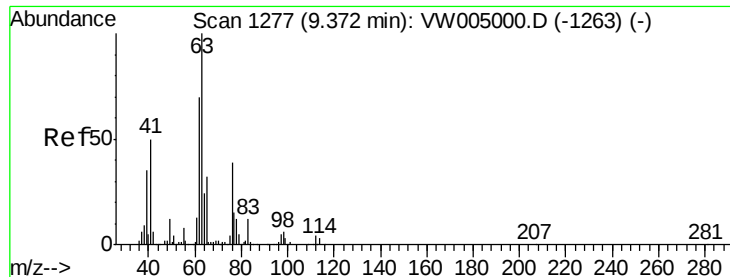
Delta R.T. -0.00 min

Lab File: VW005013.D

Acq: 30 Aug 2018 13:01

Tgt Ion:	130	Resp:	105565
Ion	Ratio	Lower	Upper
130	100		
95	96.5	0.0	192.2





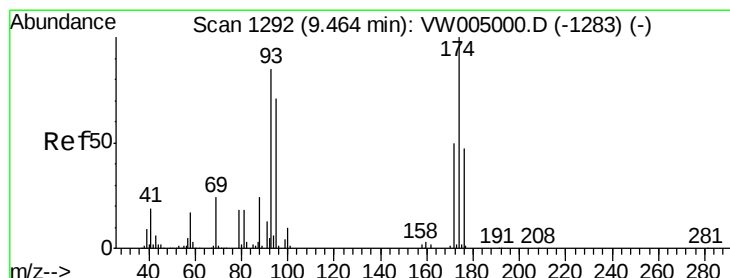
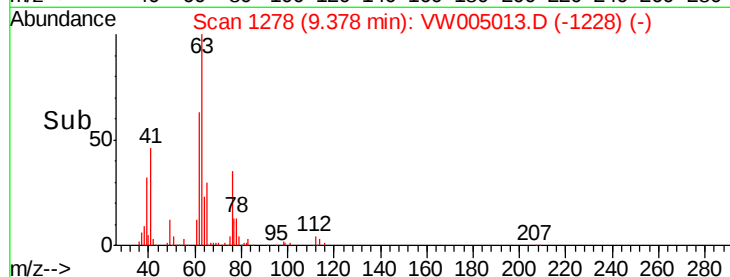
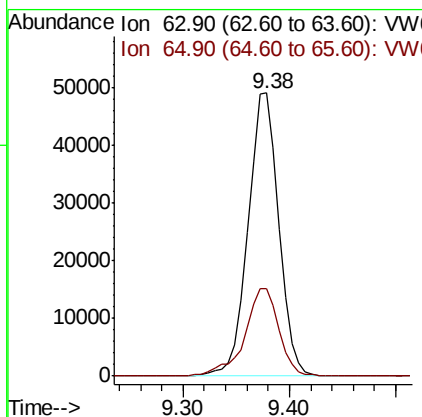
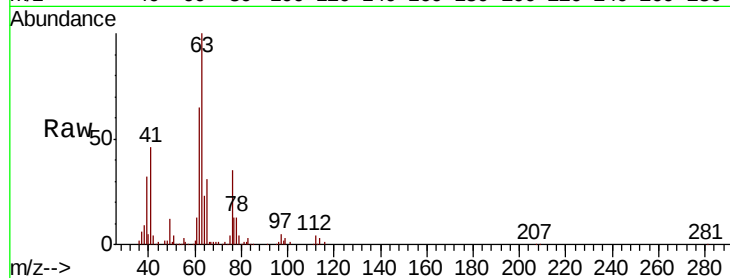
#45
 1,2-Dichloropropane
 Concen: 20.65 ug/l
 RT: 9.38 min Scan# 1278
 Delta R.T. 0.01 min
 Lab File: VW005013.D
 Acq: 30 Aug 2018 13:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0830SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	25.3	37.9

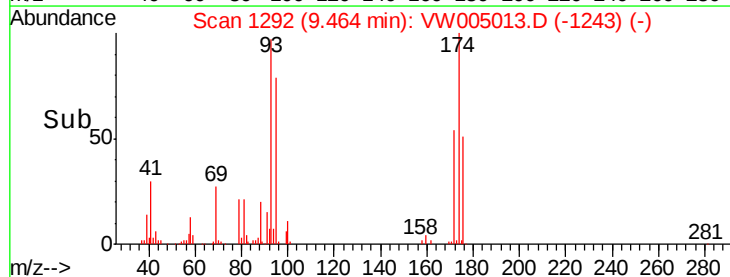
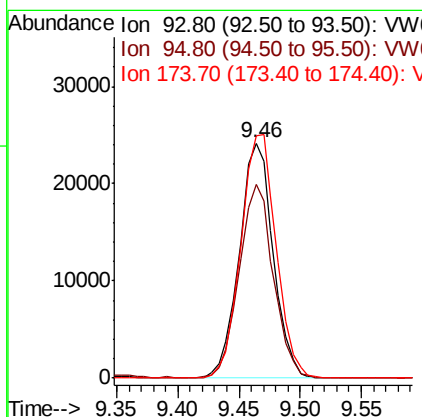
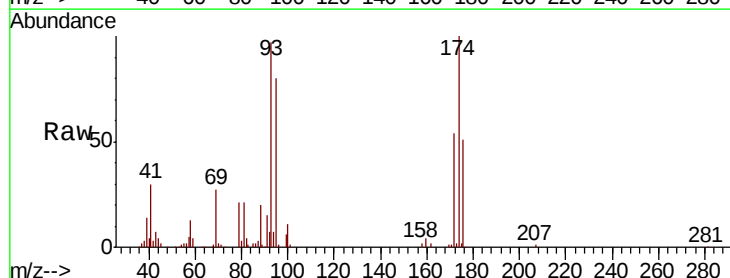
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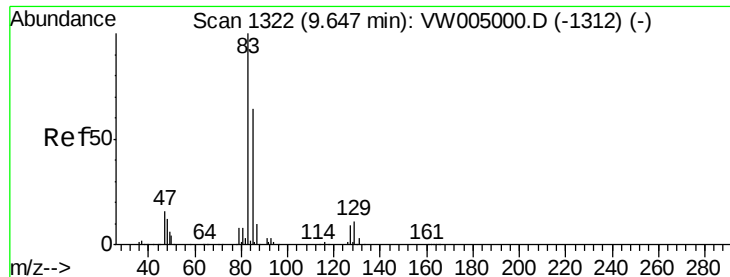
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#46
 Dibromomethane
 Concen: 20.41 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: VW005013.D
 Acq: 30 Aug 2018 13:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.2	68.0	102.0
174	108.3	91.4	137.0





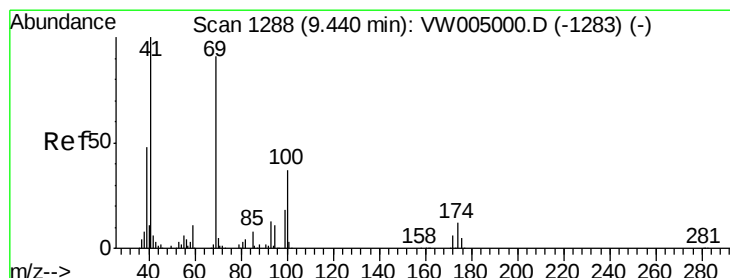
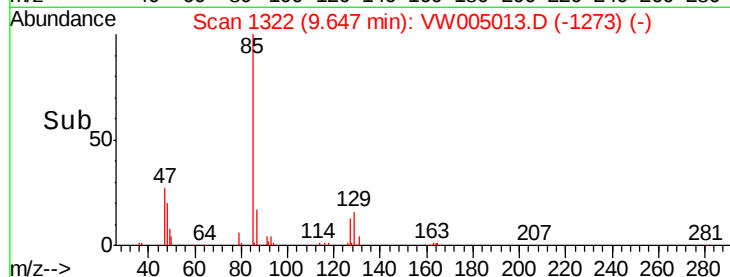
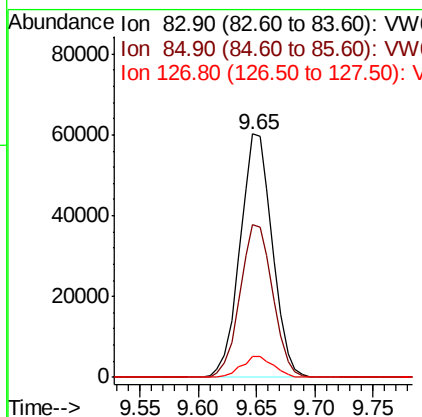
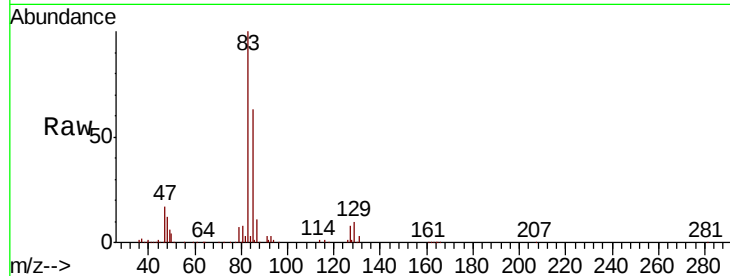
#47
Bromodichloromethane
Concen: 20.68 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VW005013.D
Acq: 30 Aug 2018 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0830SBSD01

Tot Ion	83	Resp	116223
Ion Ratio	100	Lower	Upper
83	100		
85	62.5	51.3	76.9
127	8.4	7.2	10.8

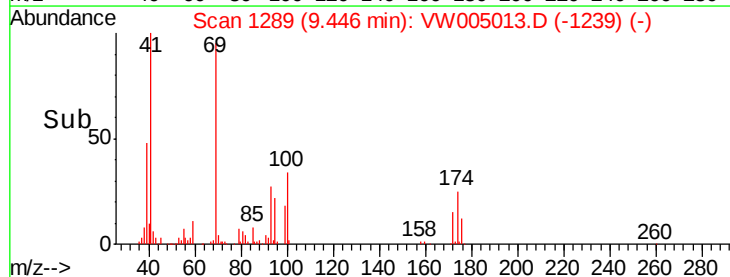
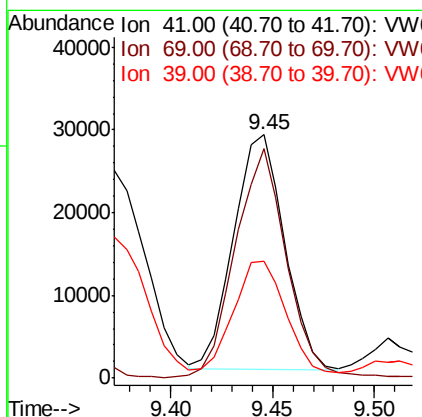
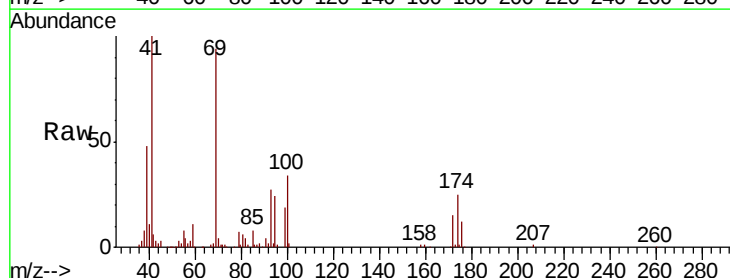
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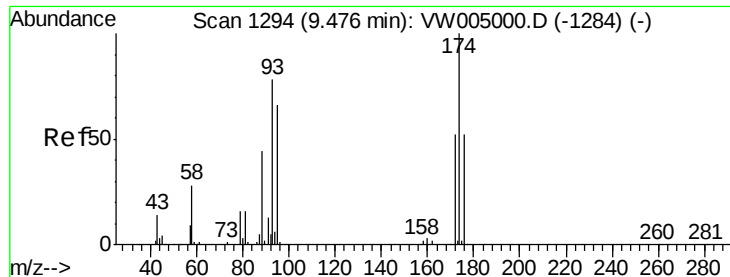
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#48
Methyl methacrylate
Concen: 19.55 ug/l
RT: 9.45 min Scan# 1289
Delta R.T. 0.01 min
Lab File: VW005013.D
Acq: 30 Aug 2018 13:01

Tgt Ion	41	Resp	49483
Ion Ratio	100	Lower	Upper
41	100		
69	99.0	72.5	108.7
39	47.8	37.0	55.6





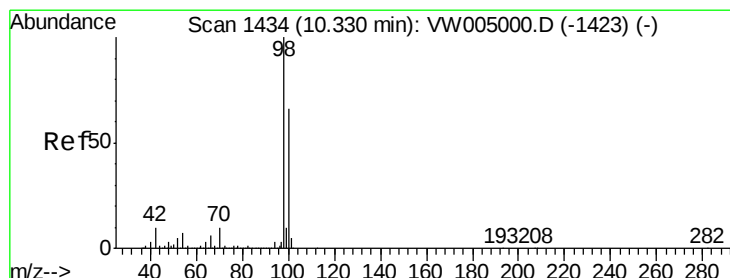
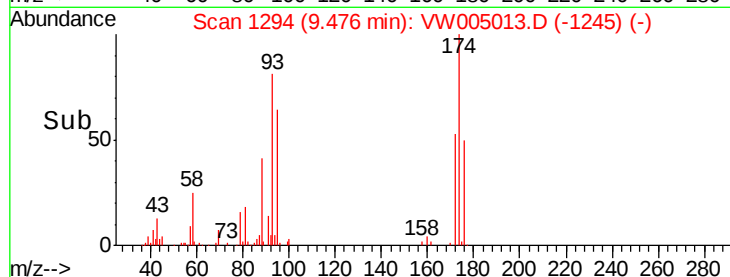
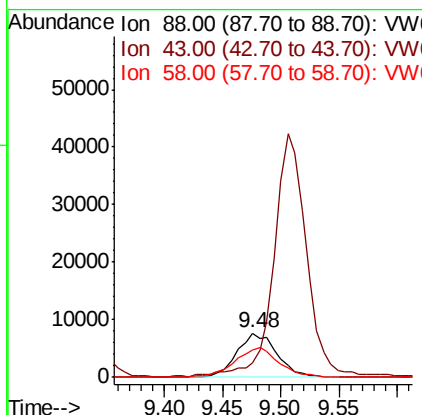
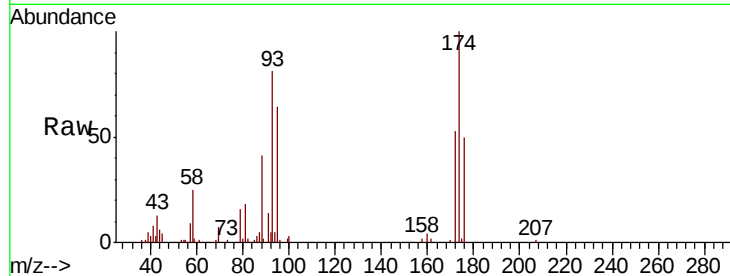
#49
1,4-Dioxane
Concen: 390.02 ug/l
RT: 9.48 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VW005013.D
Acq: 30 Aug 2018 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0830SBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	74.3	57.0	85.4

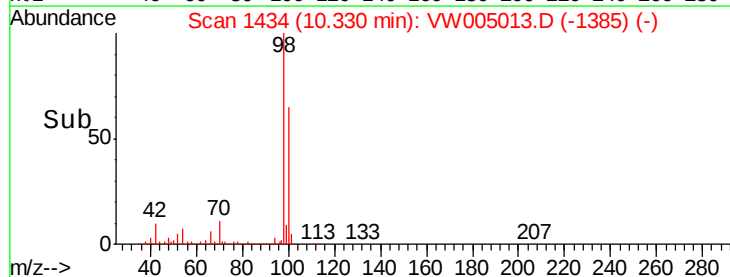
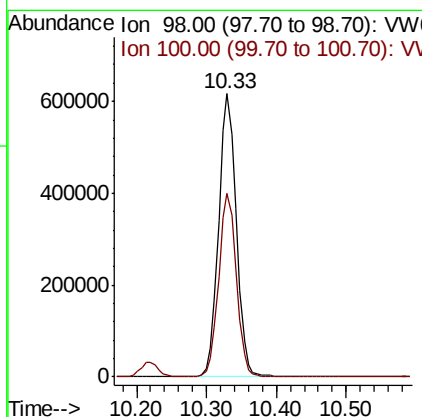
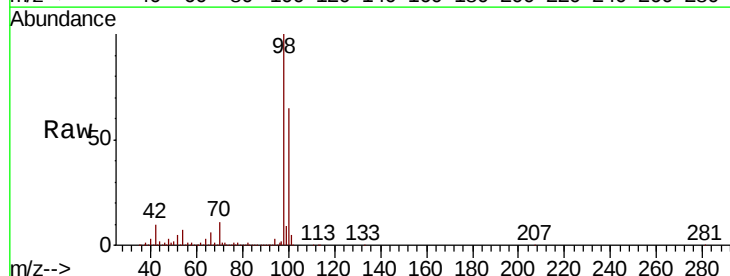
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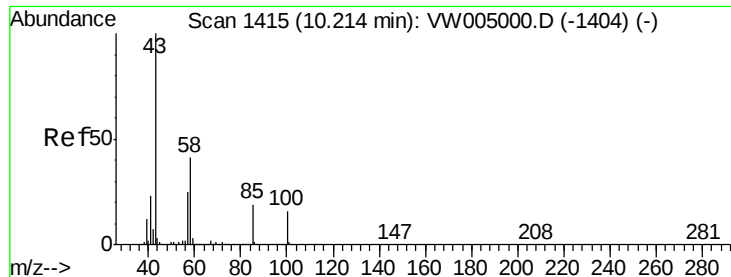
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#50
Toluene-d8
Concen: 51.42 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW005013.D
Acq: 30 Aug 2018 13:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 100.51 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.01 min

Lab File: VW005013.D

Acq: 30 Aug 2018 13:01

Instrument :

MSVOA_W

ClientSampled :

VW0830SBS01

Tot Ion: 43 Resp: 354214

Ion Ratio Lower Upper

43 100

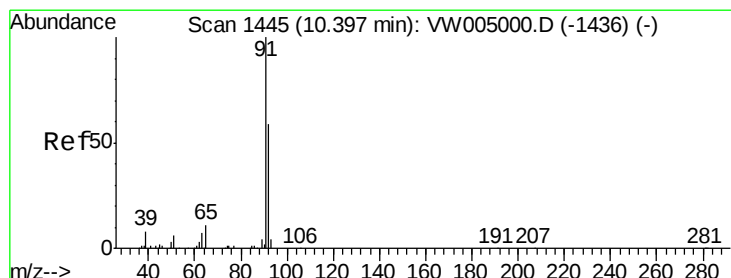
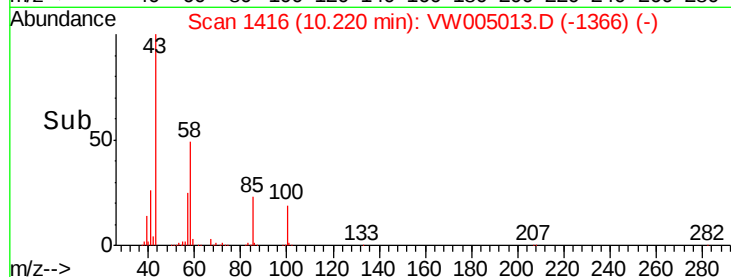
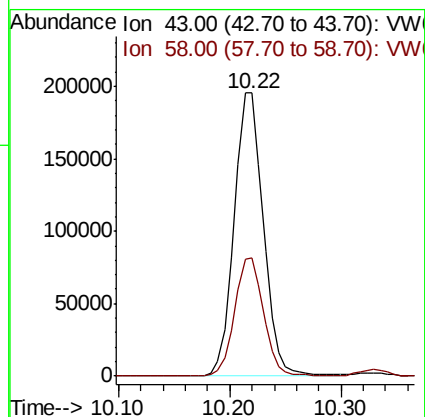
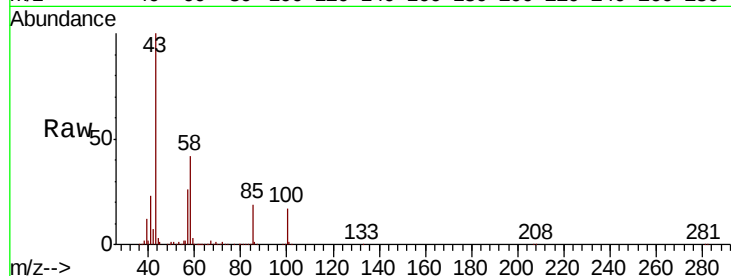
58 41.3 33.5 50.3

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#52

Toluene

Concen: 20.69 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. -0.00 min

Lab File: VW005013.D

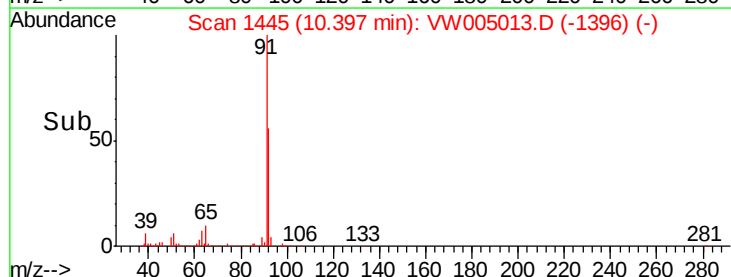
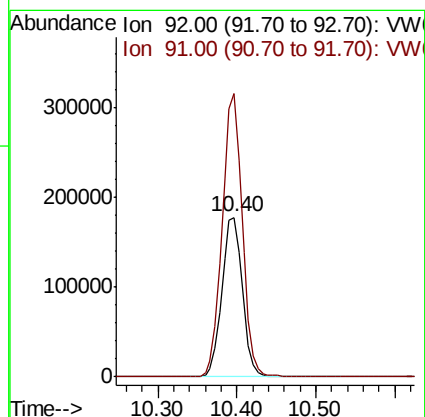
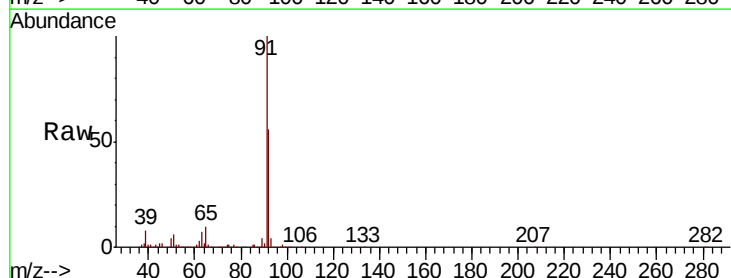
Acq: 30 Aug 2018 13:01

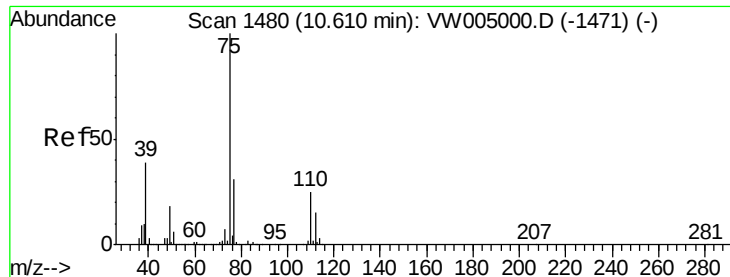
Tgt Ion: 92 Resp: 322304

Ion Ratio Lower Upper

92 100

91 174.1 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 18.78 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW005013.D

Acq: 30 Aug 2018 13:01

Instrument :

MSVOA_W

ClientSampleId :

VW0830SBSD01

Tot Ion: 75 Resp: 112715

Ion Ratio Lower Upper

75 100

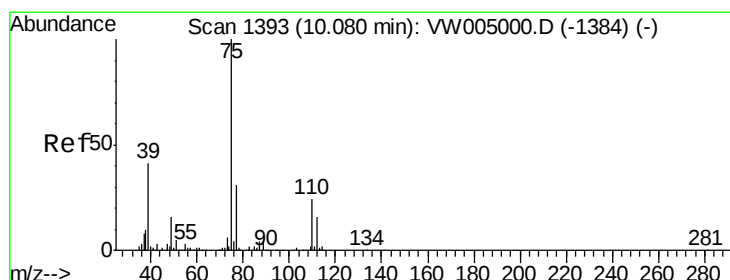
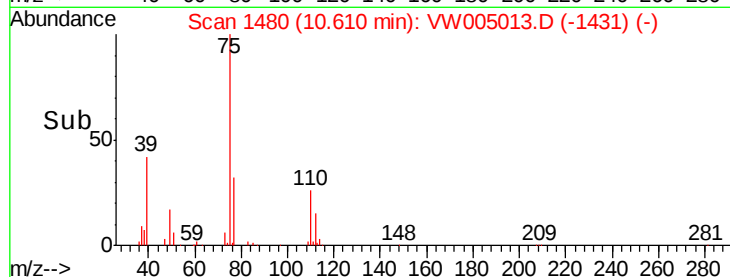
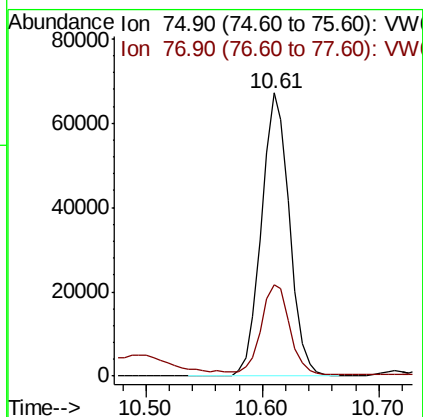
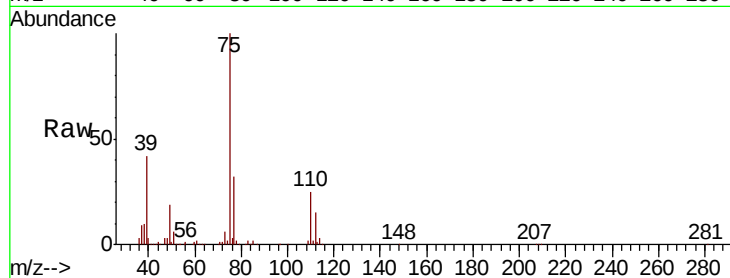
77 32.0 25.1 37.7

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#54

cis-1,3-Dichloropropene

Concen: 19.38 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005013.D

Acq: 30 Aug 2018 13:01

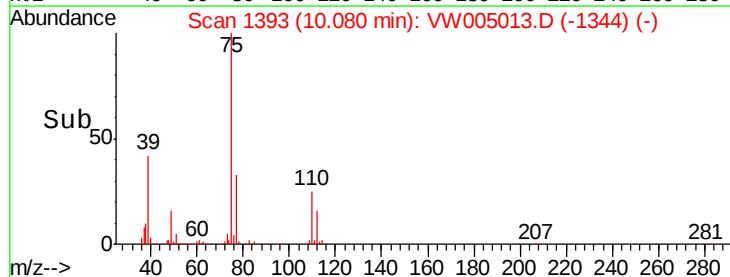
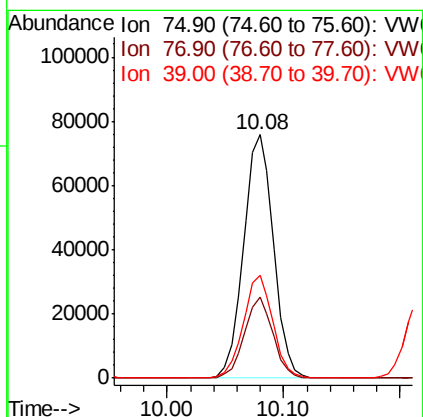
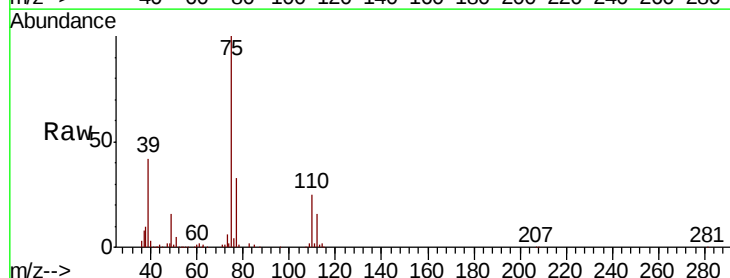
Tgt Ion: 75 Resp: 135635

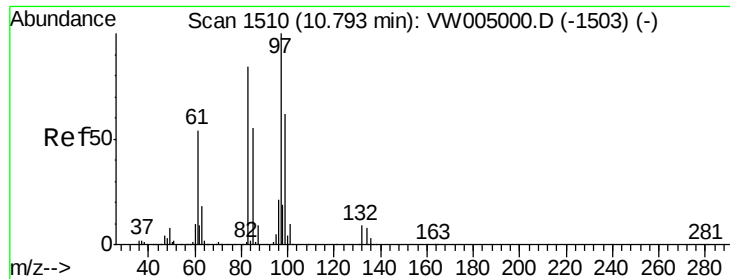
Ion Ratio Lower Upper

75 100

77 33.5 25.2 37.8

39 42.2 32.9 49.3





#55

1,1,2-Trichloroethane

Concen: 19.90 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VW005013.D

Acq: 30 Aug 2018 13:01

Instrument :

MSVOA_W

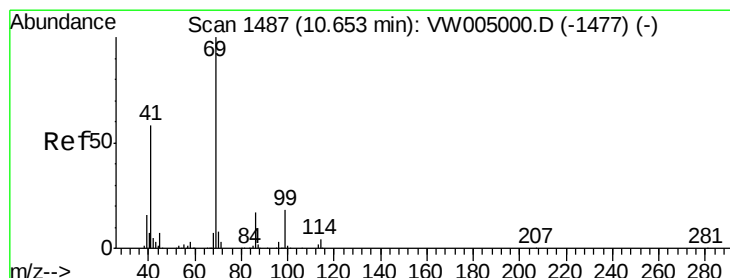
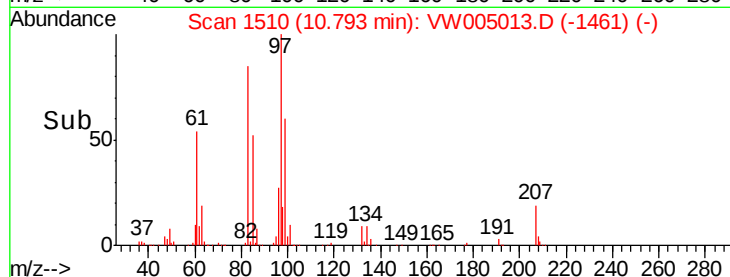
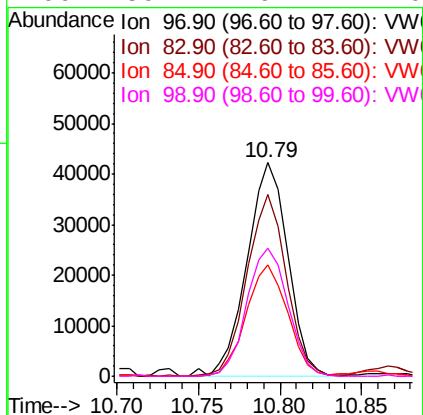
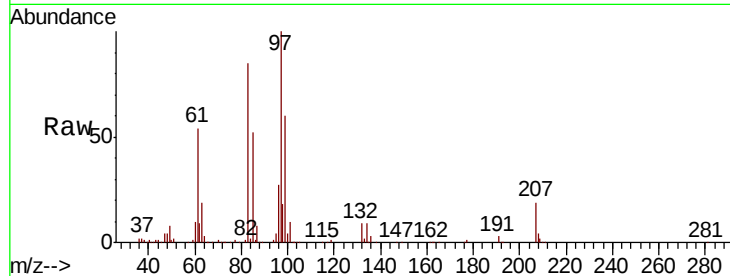
ClientSampleId :

VW0830SBSD01

Tot Ion:	97	Resp:	74059
Ion	Ratio	Lower	Upper
97	100		
83	84.6	67.3	100.9
85	51.9	44.3	66.5
99	59.7	49.4	74.0

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#56

Ethyl methacrylate

Concen: 20.29 ug/l

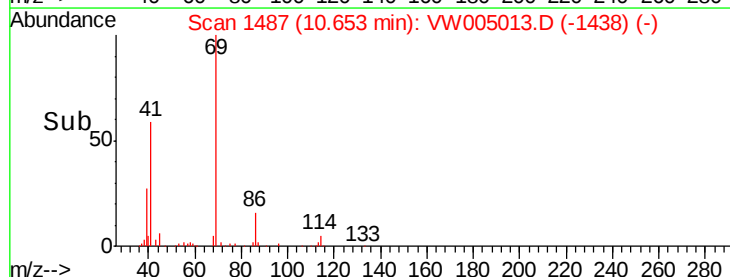
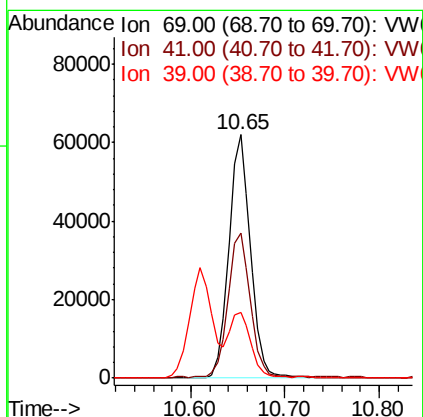
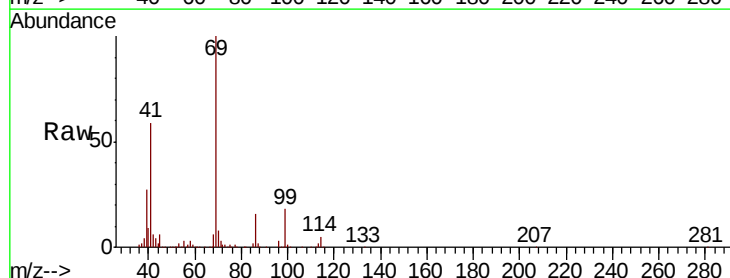
RT: 10.65 min Scan# 1487

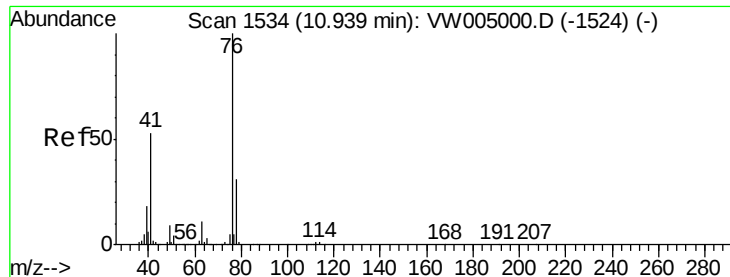
Delta R.T. -0.00 min

Lab File: VW005013.D

Acq: 30 Aug 2018 13:01

Tgt Ion:	69	Resp:	99041
Ion	Ratio	Lower	Upper
69	100		
41	62.1	47.7	71.5
39	26.1	21.0	31.6





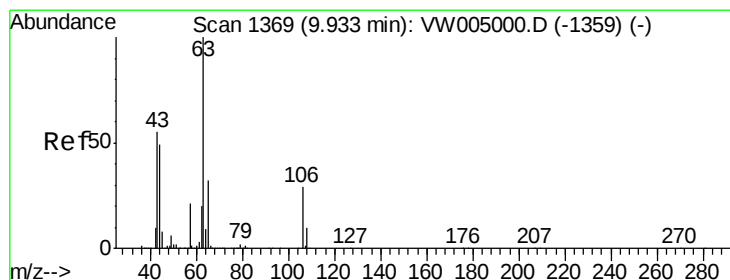
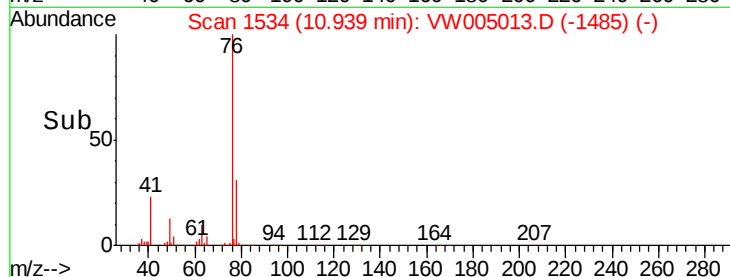
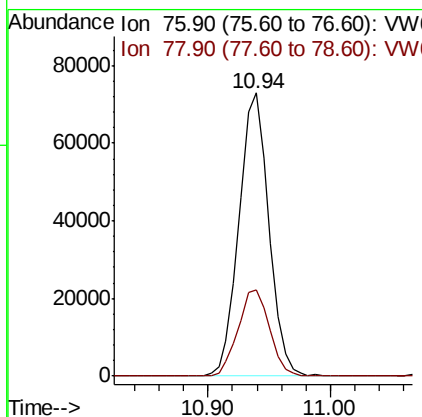
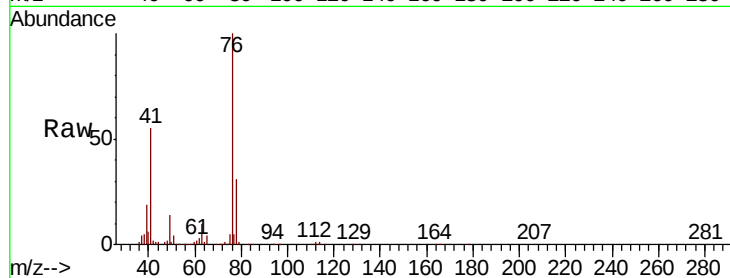
#57
 1,3-Dichloropropane
 Concen: 20.16 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VW005013.D
 Acq: 30 Aug 2018 13:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0830SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.6	38.4

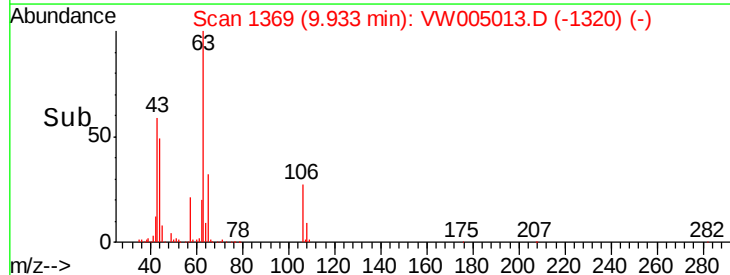
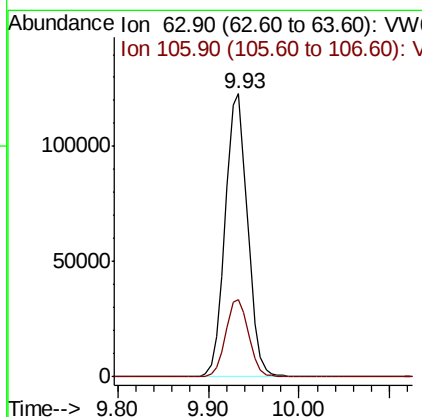
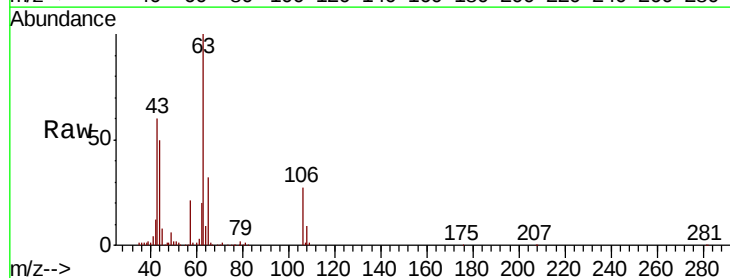
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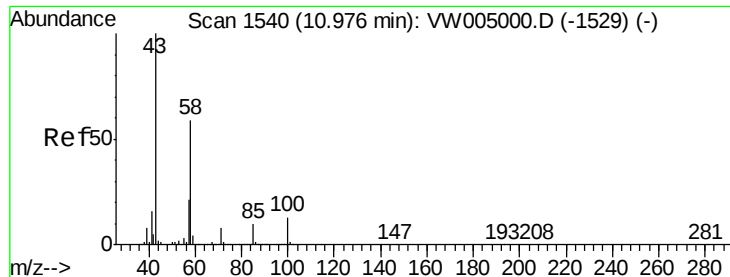
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 100.42 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: VW005013.D
 Acq: 30 Aug 2018 13:01

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.0	23.2	34.8





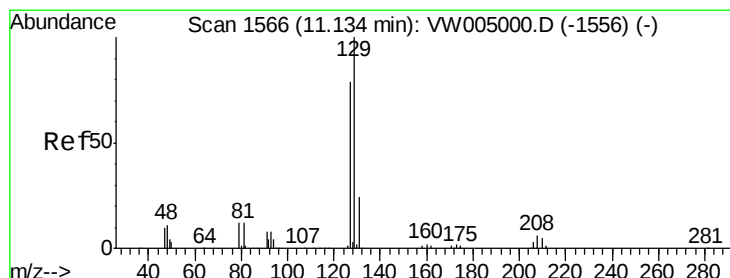
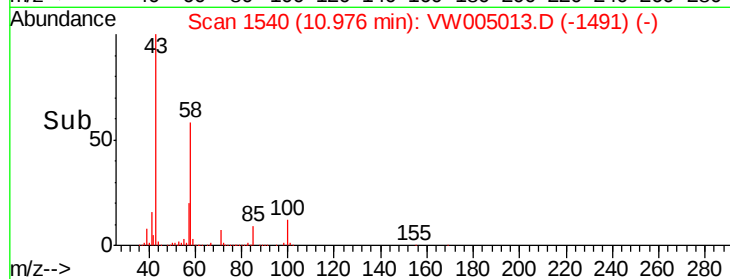
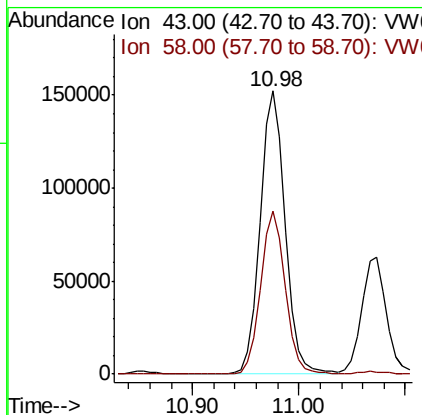
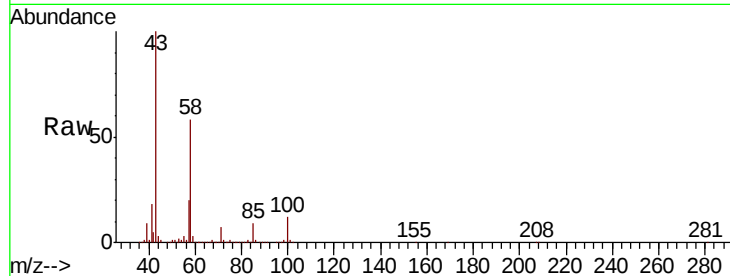
#59
2-Hexanone
Concen: 97.76 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW005013.D
Acq: 30 Aug 2018 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0830SBSD01

Tot Ion: 43 Resp: 249447
Ion Ratio Lower Upper
43 100
58 57.3 29.2 87.6

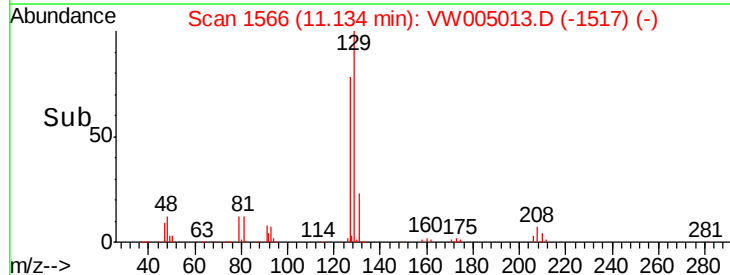
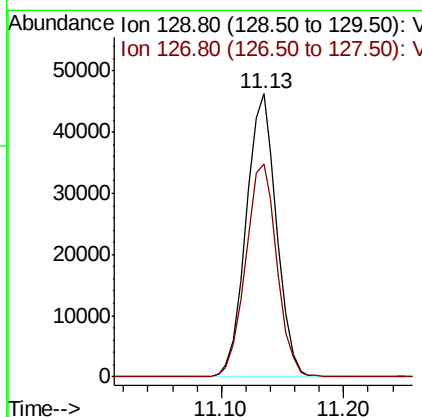
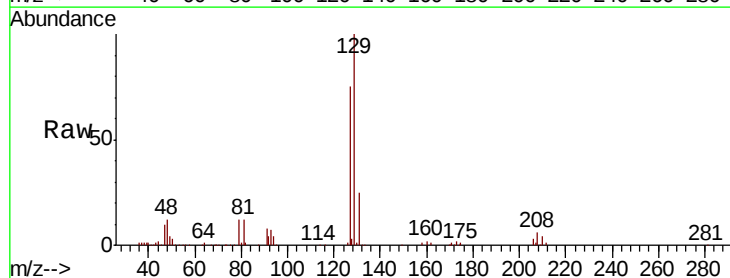
Manual Integrations
APPROVED

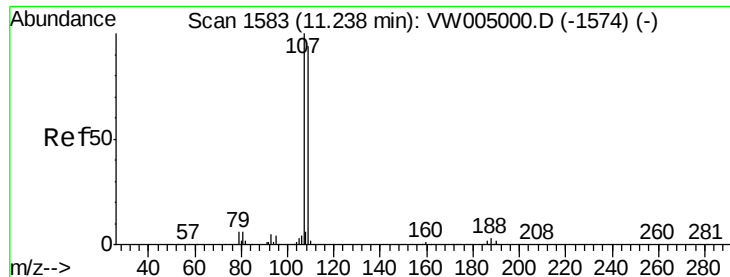
apatel
8/31/2018 11:39:17 AM



#60
Dibromochloromethane
Concen: 19.52 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW005013.D
Acq: 30 Aug 2018 13:01

Tgt Ion: 129 Resp: 79747
Ion Ratio Lower Upper
129 100
127 77.5 38.3 114.8





#61

1,2-Dibromoethane

Concen: 19.65 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW005013.D

Acq: 30 Aug 2018 13:01

Instrument :

MSVOA_W

ClientSampleId :

VW0830SBS01

Tot Ion: 107 Resp: 68569

Ion Ratio Lower Upper

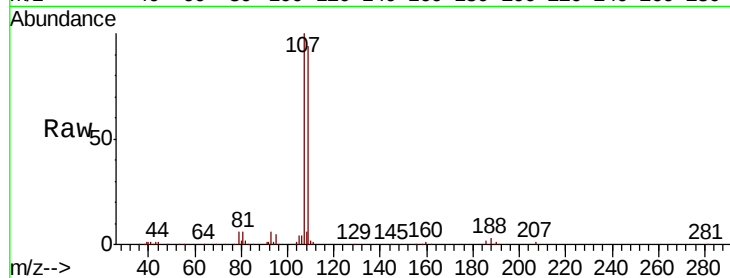
107 100

109 94.0 75.2 112.8

Manual Integrations
APPROVED

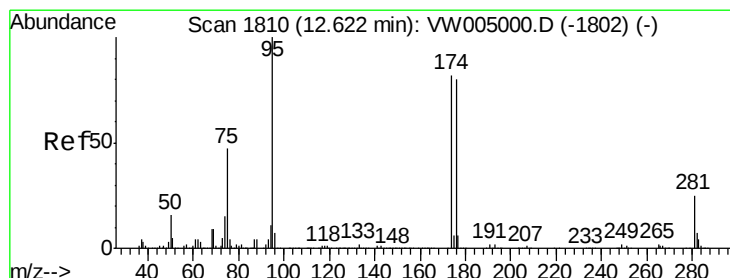
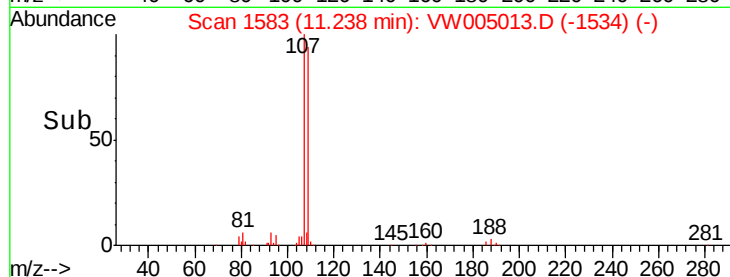
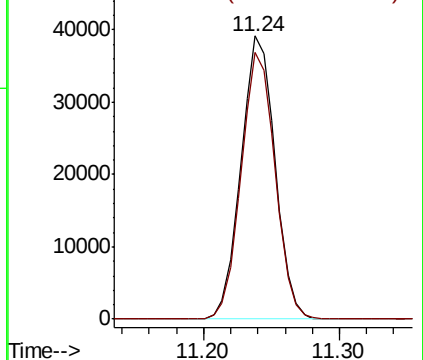
apatel

8/31/2018 11:39:17 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.55 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW005013.D

Acq: 30 Aug 2018 13:01

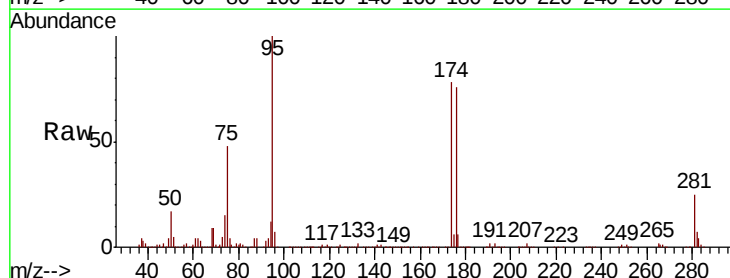
Tgt Ion: 95 Resp: 395935

Ion Ratio Lower Upper

95 100

174 84.4 0.0 173.4

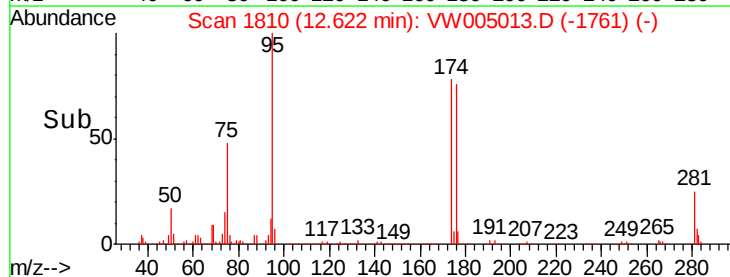
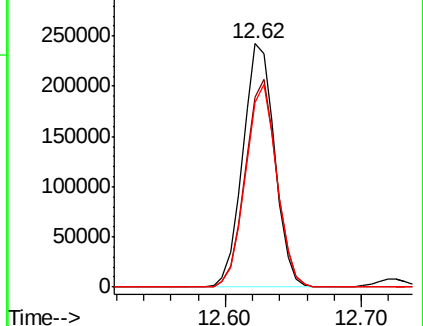
176 82.5 0.0 167.8

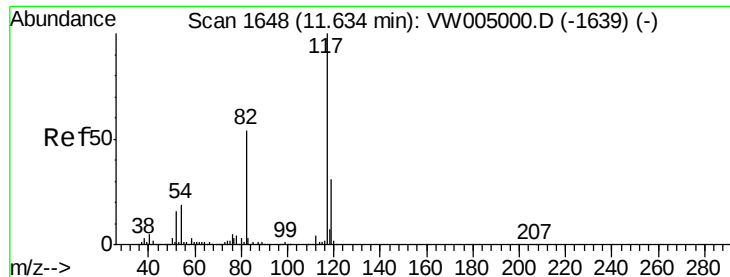


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





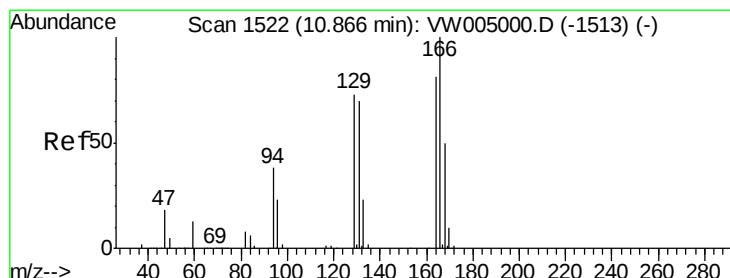
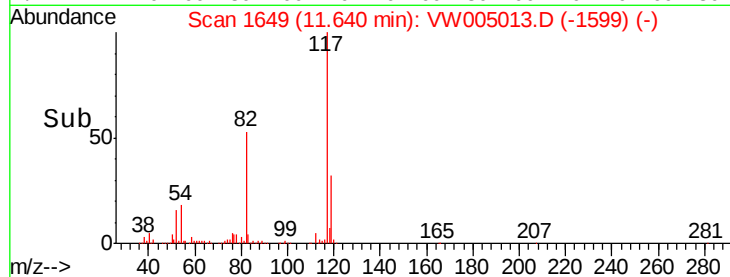
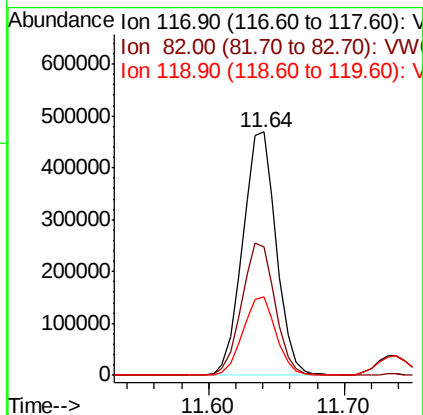
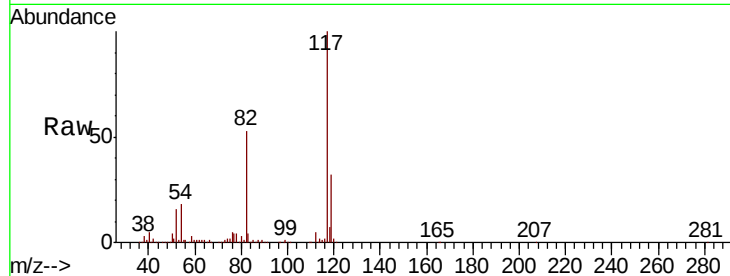
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW005013.D
Acq: 30 Aug 2018 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0830SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	43.3	64.9
119	32.1	25.0	37.6

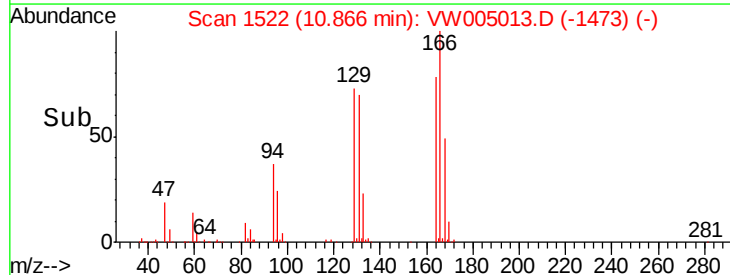
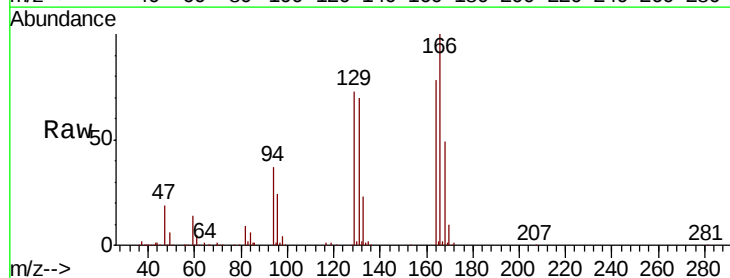
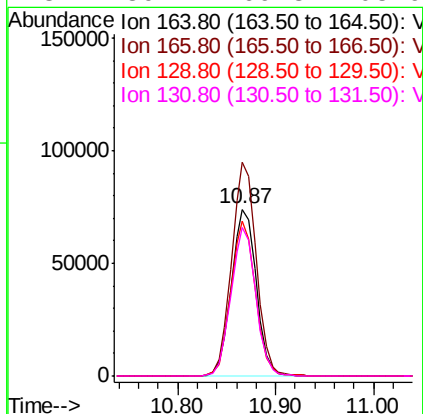
Manual Integrations
APPROVED

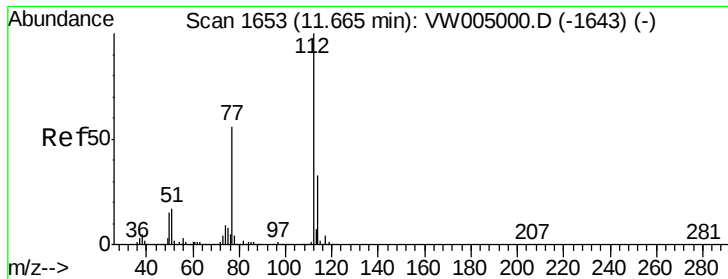
apatel
8/31/2018 11:39:17 AM



#64
Tetrachloroethene
Concen: 22.17 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW005013.D
Acq: 30 Aug 2018 13:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	99.4	149.0
129	93.0	72.2	108.2
131	89.1	69.3	103.9





#65

Chlorobenzene

Concen: 19.98 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VW005013.D

Acq: 30 Aug 2018 13:01

Instrument :

MSVOA_W

ClientSampleId :

VW0830SBSD01

Tot Ion:112 Resp: 354349

Ion Ratio Lower Upper

112 100

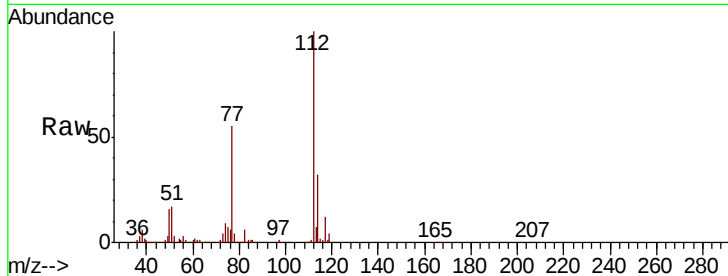
114 31.7 26.1 39.1

Manual Integrations

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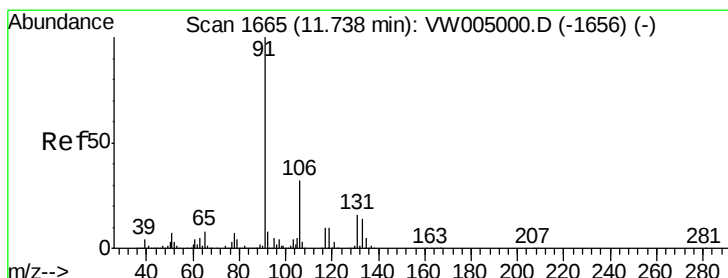
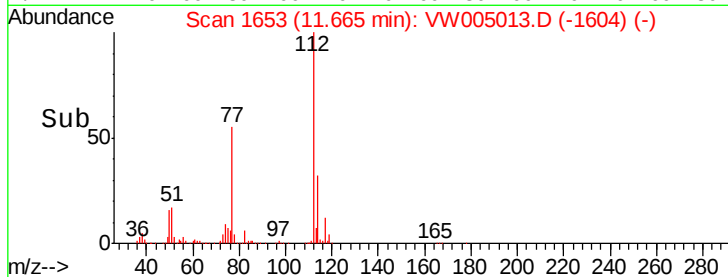
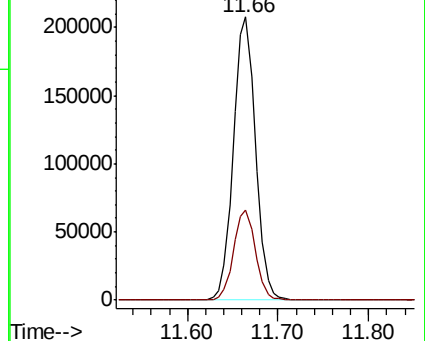
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.27 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW005013.D

Acq: 30 Aug 2018 13:01

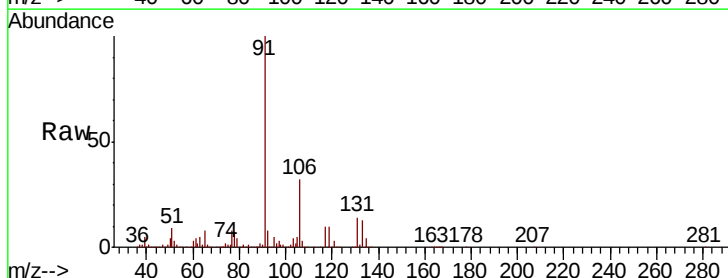
Tgt Ion:131 Resp: 93894

Ion Ratio Lower Upper

131 100

133 95.0 47.4 142.3

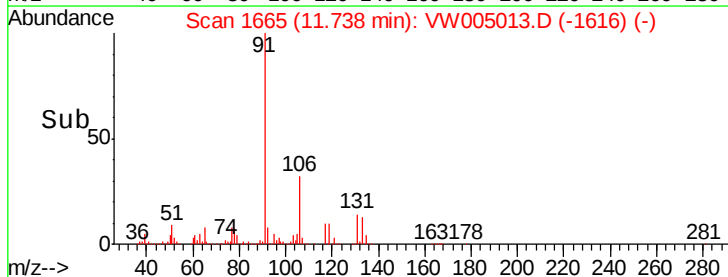
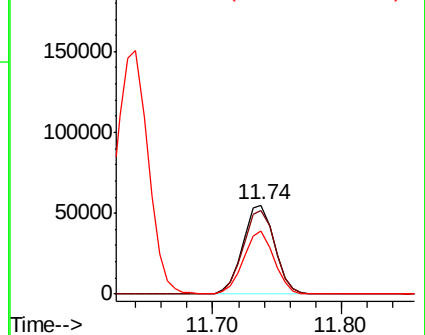
119 68.2 33.1 99.3

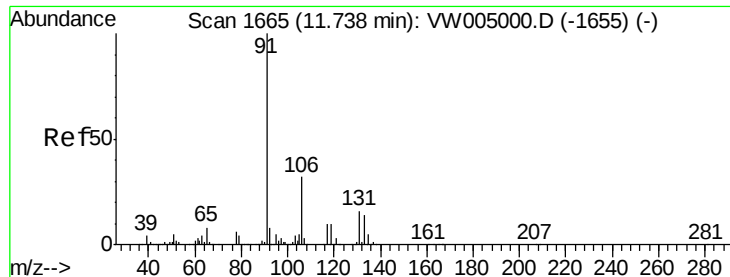


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





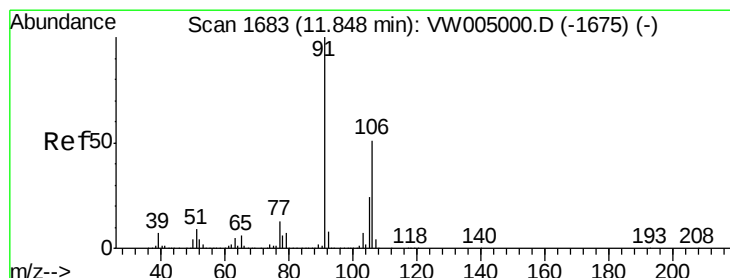
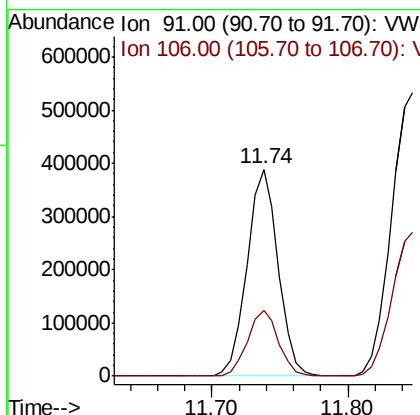
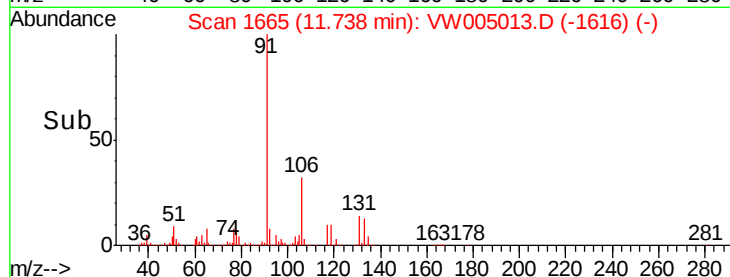
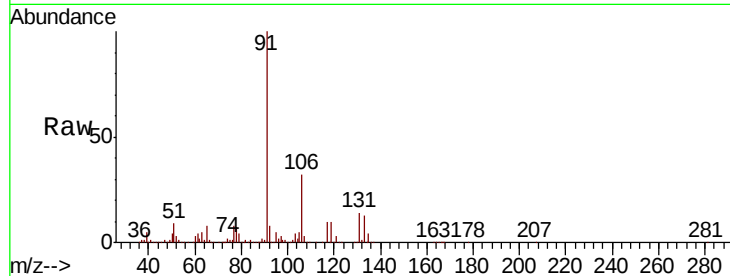
#67
Ethyl Benzene
Concen: 20.44 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW005013.D
Acq: 30 Aug 2018 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0830SBS01

Tot Ion: 91 Resp: 620729
Ion Ratio Lower Upper
91 100
106 31.9 25.4 38.2

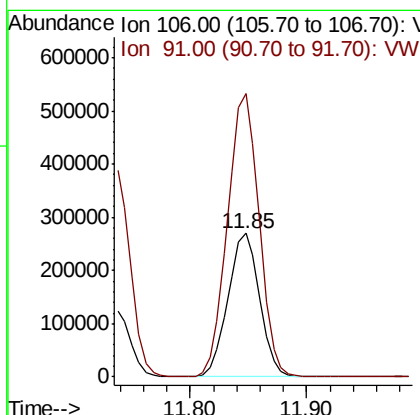
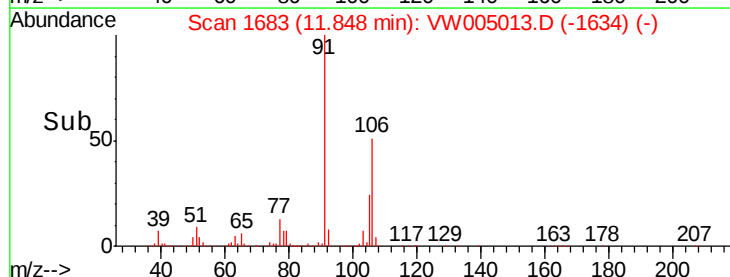
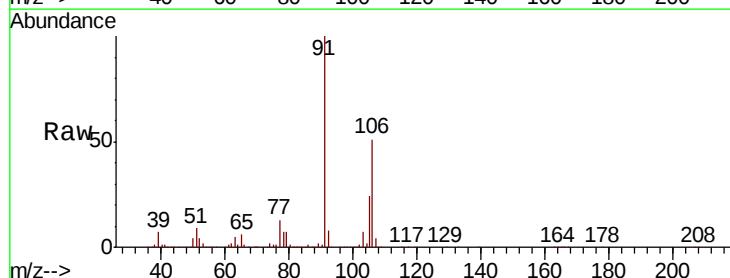
Manual Integrations
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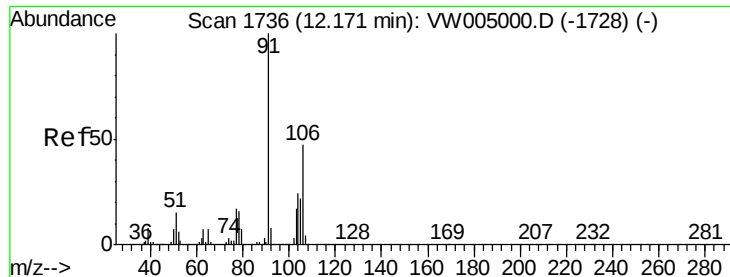
apatel
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#68
m/p-Xylenes
Concen: 40.99 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW005013.D
Acq: 30 Aug 2018 13:01

Tgt Ion: 106 Resp: 507729
Ion Ratio Lower Upper
106 100
91 198.0 158.4 237.6





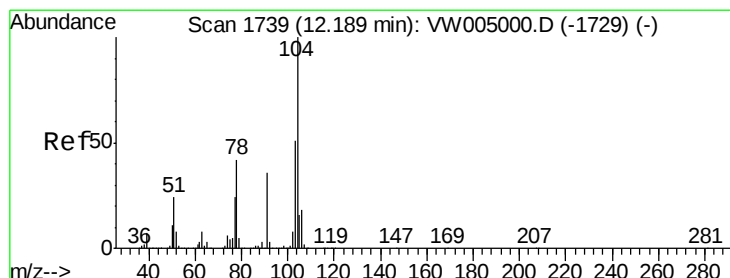
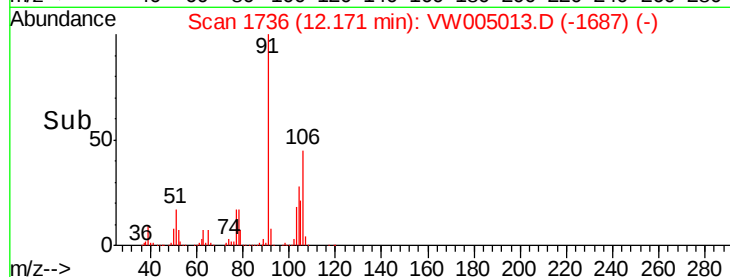
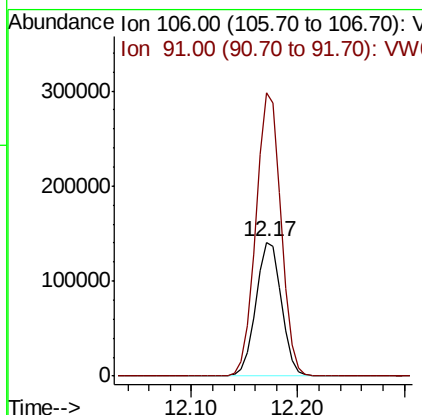
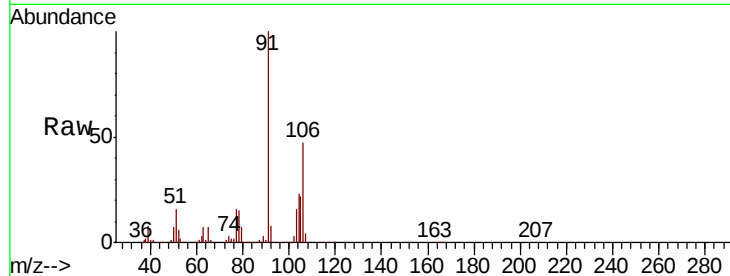
#69
o-Xylene
Concen: 20.87 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW005013.D
Acq: 30 Aug 2018 13:01

Instrument :
MSVOA_W
ClientSampled :
VW0830SBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.4	104.4	313.1

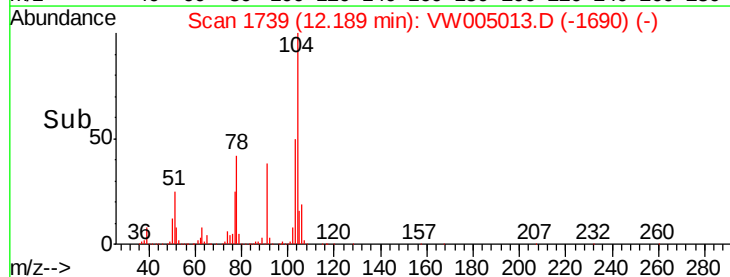
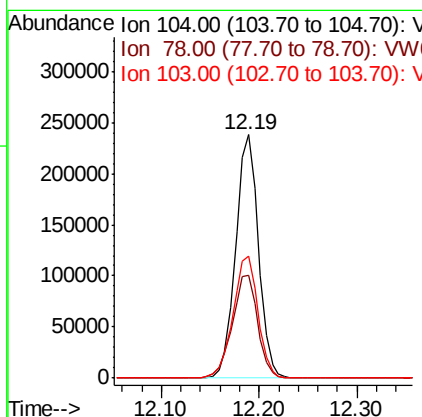
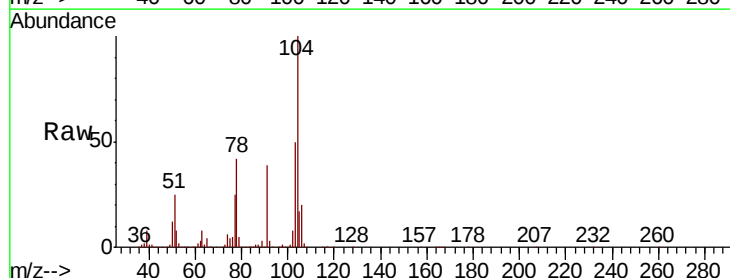
Manual Integrations
APPROVED

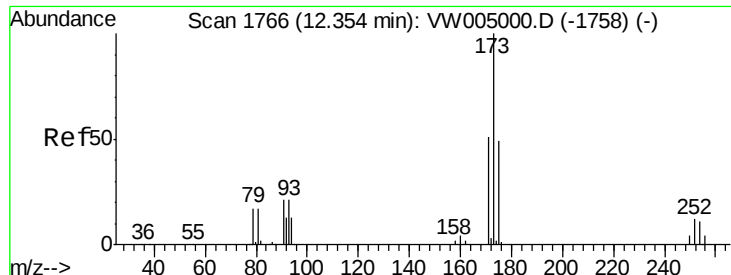
apatel
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#70
Styrene
Concen: 20.56 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW005013.D
Acq: 30 Aug 2018 13:01

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.0	37.6	56.4
103	54.6	43.9	65.9





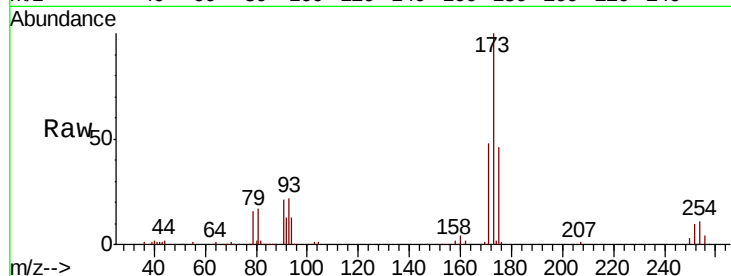
#71
Bromoform
Concen: 18.31 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. -0.00 min
Lab File: VW005013.D
Acq: 30 Aug 2018 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0830SBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.3	73.0
254	0.0	0.1	0.1#

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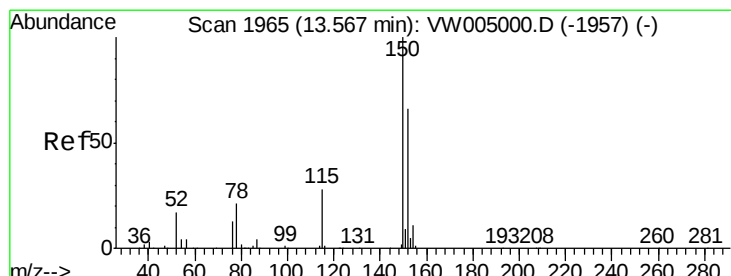
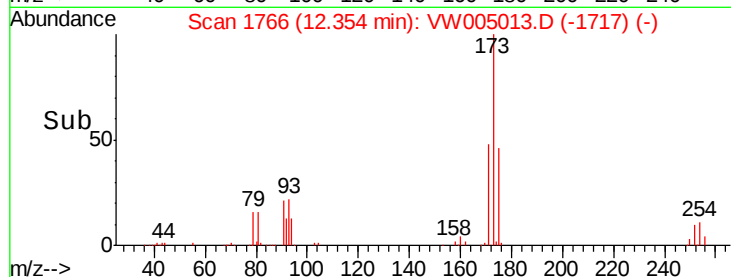
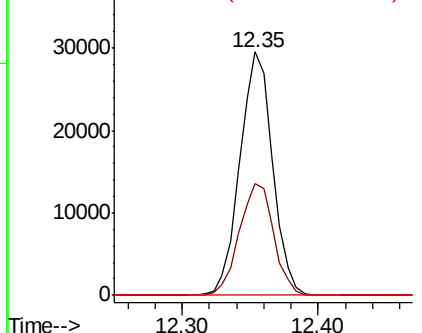


Abundance

Ion 172.70 (172.40 to 173.40): V

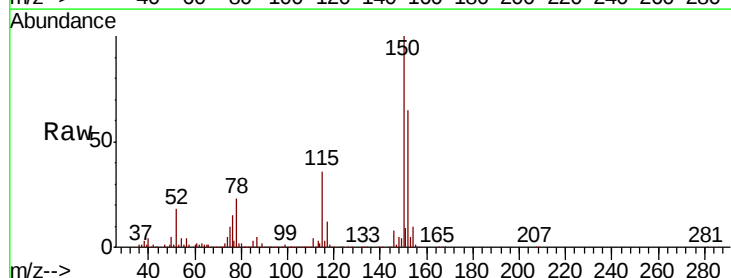
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW005013.D
Acq: 30 Aug 2018 13:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.0	83.9
150	162.2	0.0	347.2

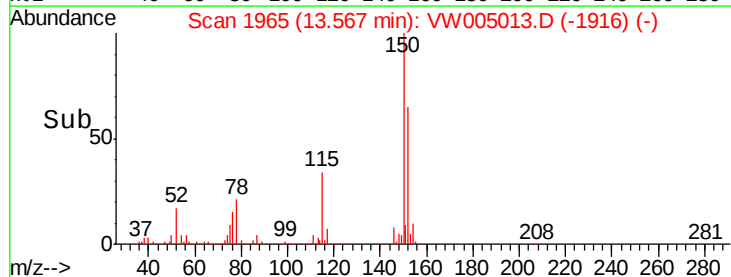
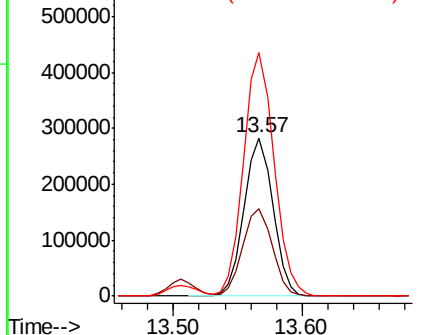


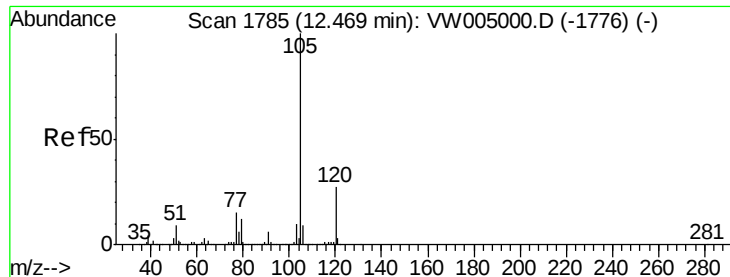
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.96 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW005013.D

Acq: 30 Aug 2018 13:01

Instrument :

MSVOA_W

ClientSampleId :

VW0830SBSD01

Tot Ion: 105 Resp: 615952

Ion Ratio Lower Upper

105 100

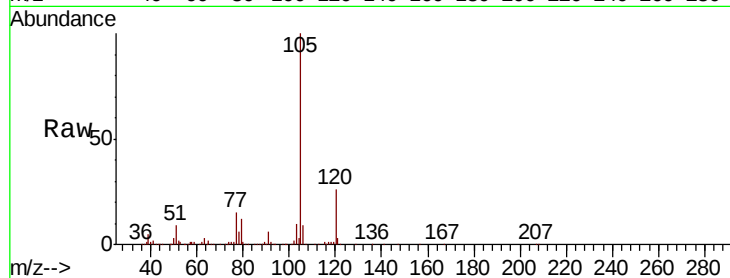
120 26.7 13.4 40.2

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

400000

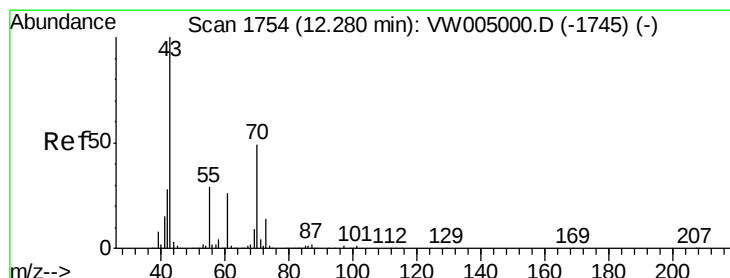
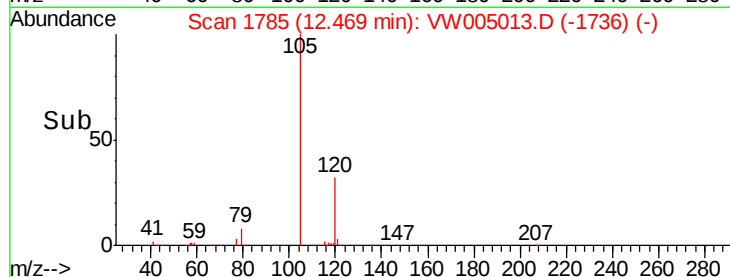
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 20.38 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW005013.D

Acq: 30 Aug 2018 13:01

Tgt Ion: 43 Resp: 113042

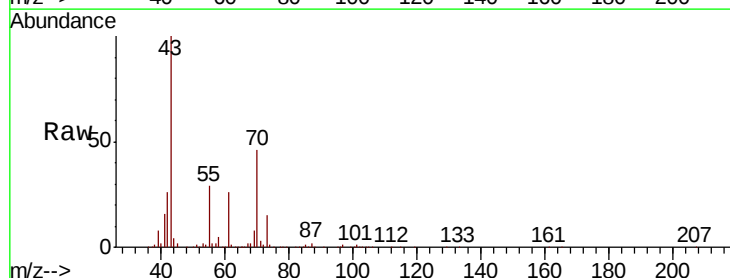
Ion Ratio Lower Upper

43 100

70 45.4 38.6 57.8

55 29.1 23.6 35.4

61 25.1 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

12.28

100000

80000

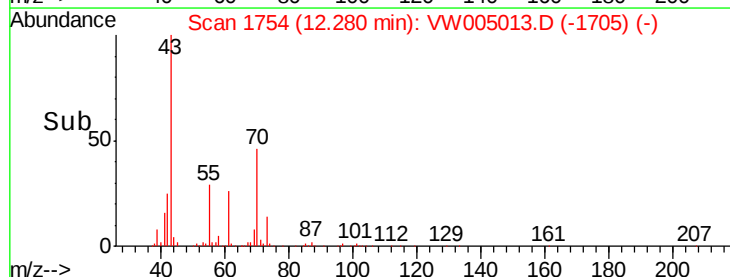
60000

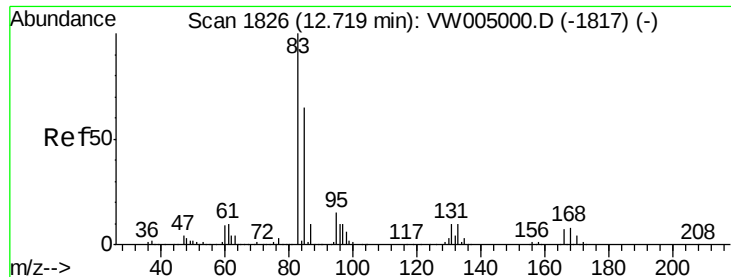
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.02 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW005013.D

Acq: 30 Aug 2018 13:01

Instrument :

MSVOA_W

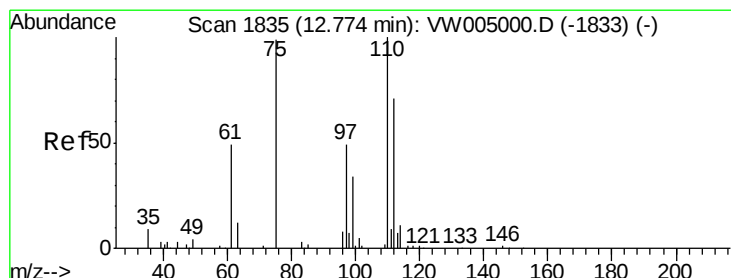
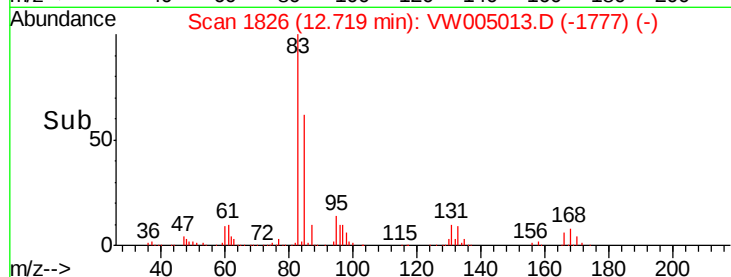
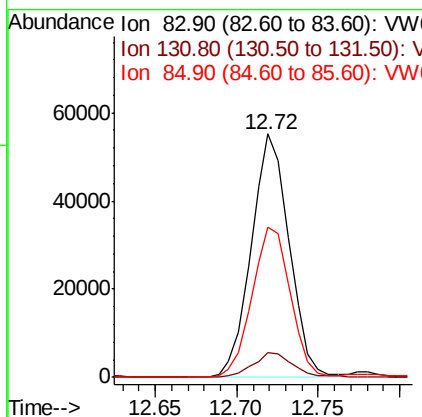
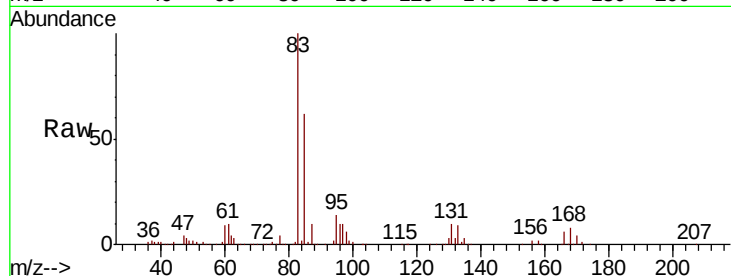
ClientSampled :

VW0830SBSD01

Tot Ion:	83	Resp:	89075
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.5	16.5
85	62.9	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 24.34 ug/l m

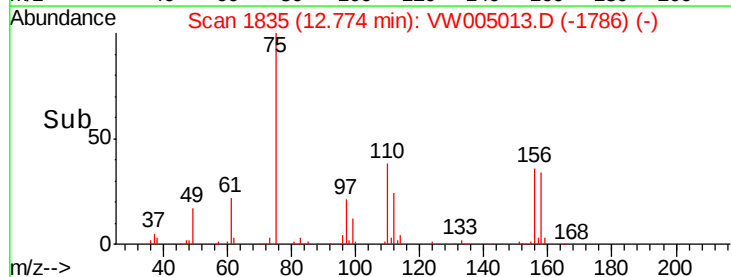
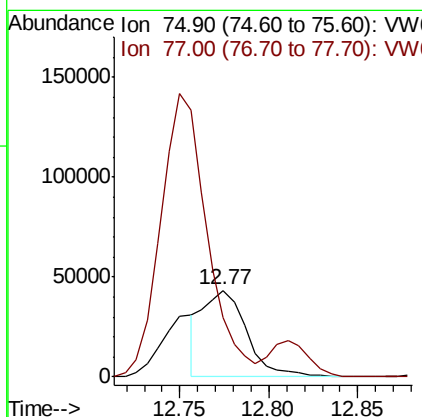
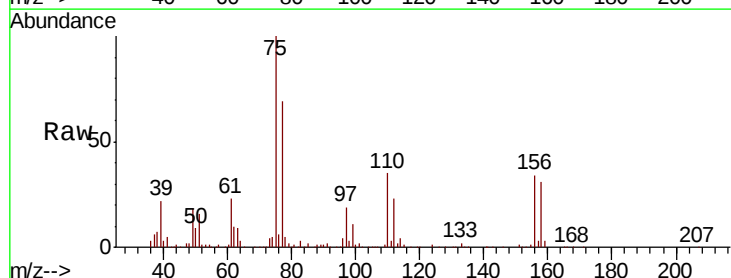
RT: 12.77 min Scan# 1835

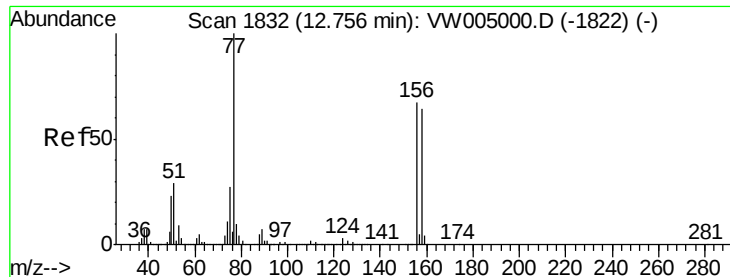
Delta R.T. -0.00 min

Lab File: VW005013.D

Acq: 30 Aug 2018 13:01

Tgt Ion:	75	Resp:	75992
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.55 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VW005013.D

Acq: 30 Aug 2018 13:01

Instrument :

MSVOA_W

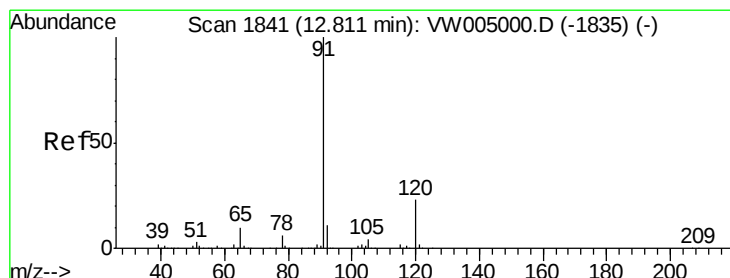
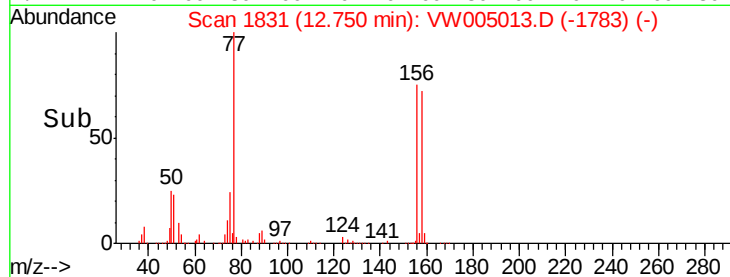
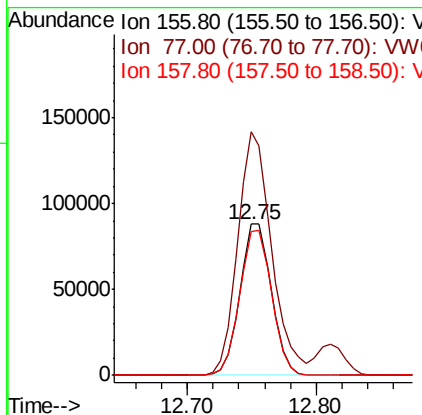
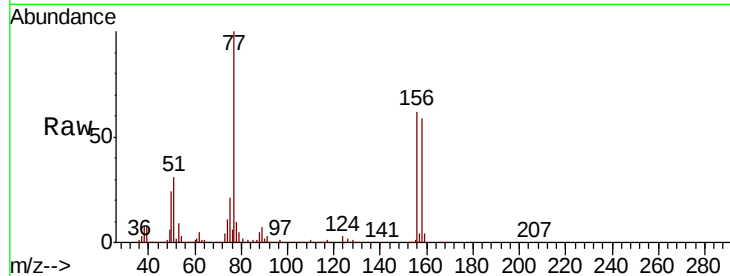
ClientSampleId :

VW0830SBSD01

Tot Ion:	156	Resp:	148195
Ion Ratio	Lower	Upper	
156	100		
77	173.7	86.9	260.6
158	96.9	48.6	145.9

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#78

n-propylbenzene

Concen: 21.04 ug/l

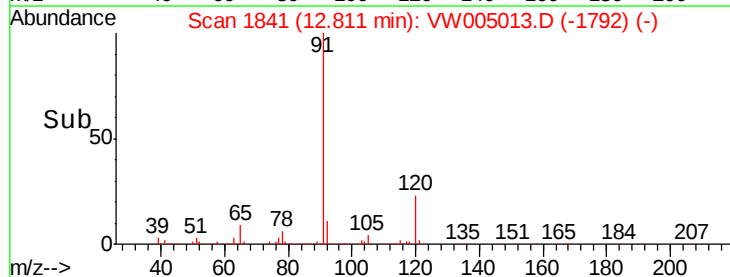
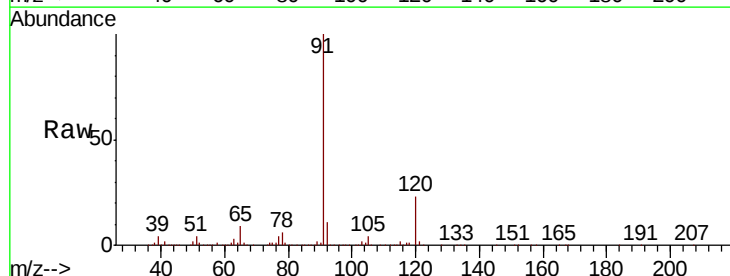
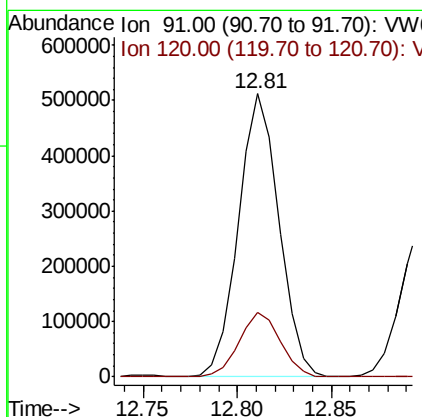
RT: 12.81 min Scan# 1841

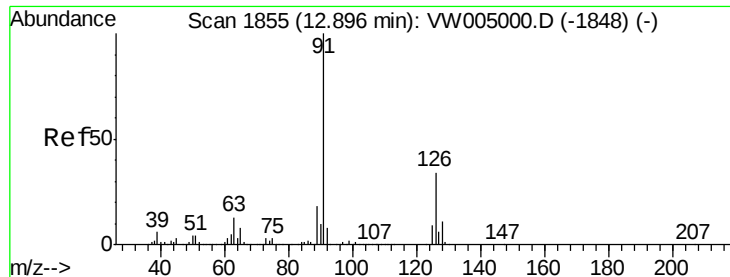
Delta R.T. -0.00 min

Lab File: VW005013.D

Acq: 30 Aug 2018 13:01

Tgt Ion:	91	Resp:	762832
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.7	35.1





#79

2-Chlorotoluene

Concen: 21.26 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005013.D

Acq: 30 Aug 2018 13:01

Instrument :

MSVOA_W

ClientSampleId :

VW0830SBSD01

Tot Ion: 91 Resp: 445214

Ion Ratio Lower Upper

91 100

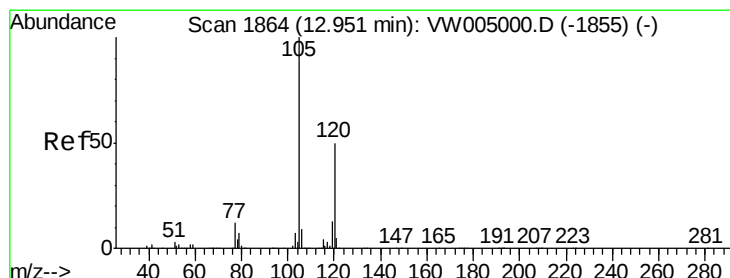
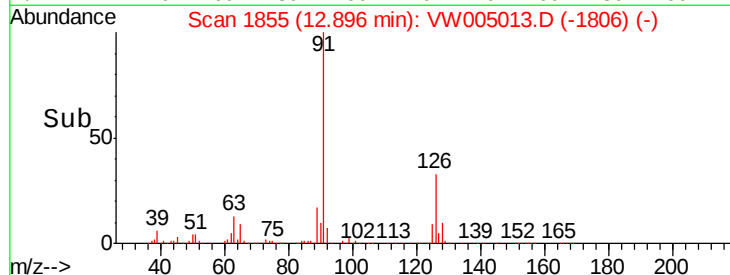
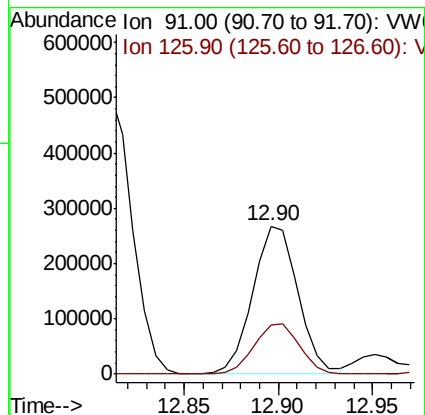
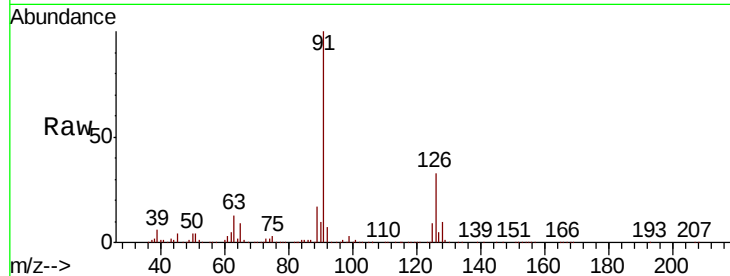
126 34.2 17.3 52.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 21.02 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW005013.D

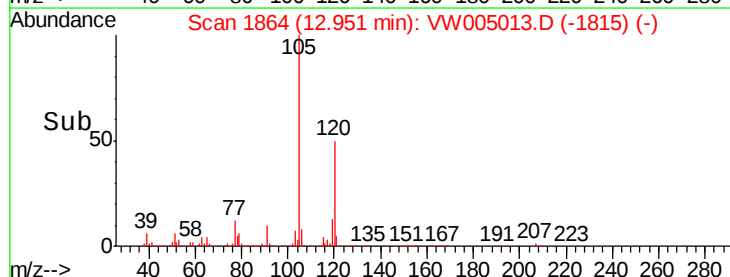
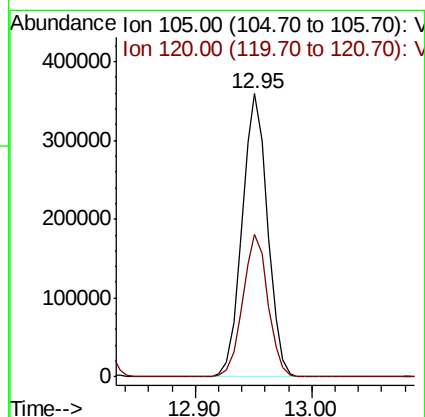
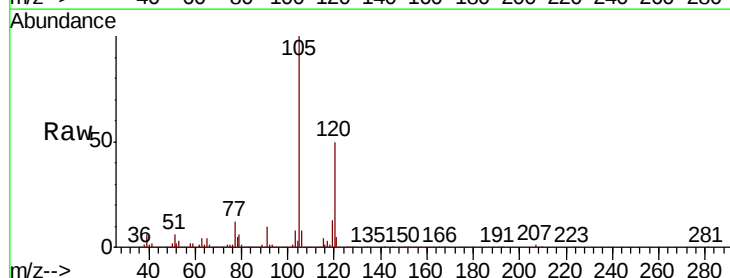
Acq: 30 Aug 2018 13:01

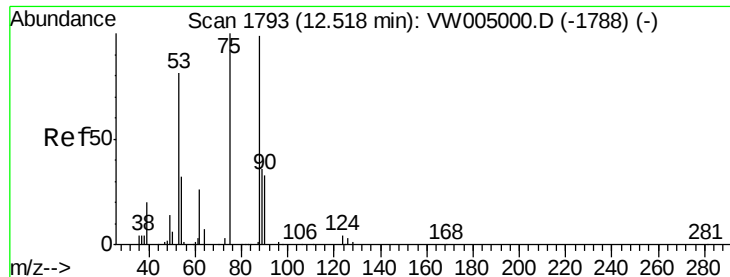
Tgt Ion:105 Resp: 545665

Ion Ratio Lower Upper

105 100

120 49.8 25.1 75.3





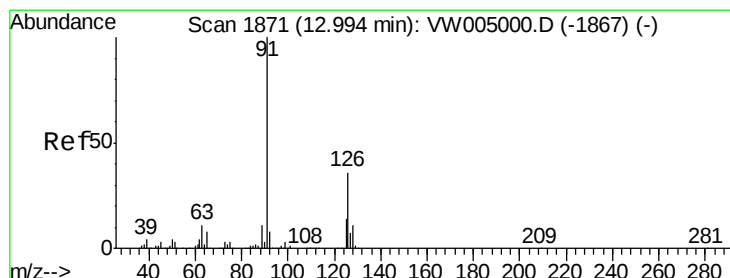
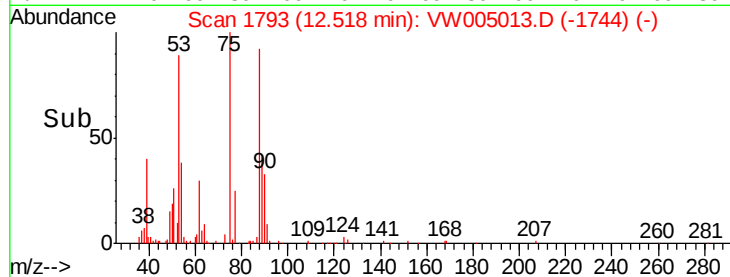
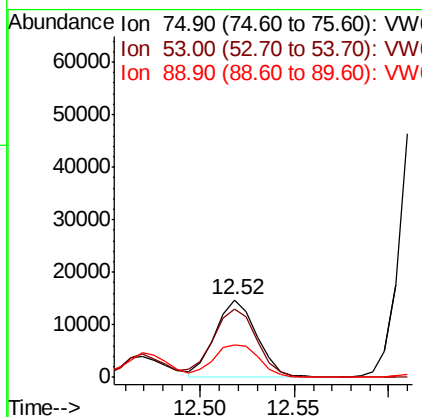
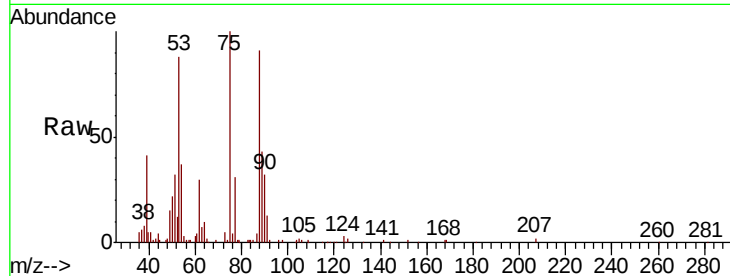
#81
trans-1,4-Dichloro-2-butene
Concen: 16.08 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW005013.D
Acq: 30 Aug 2018 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0830SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.5	67.4	101.2
89	47.6	35.0	52.6

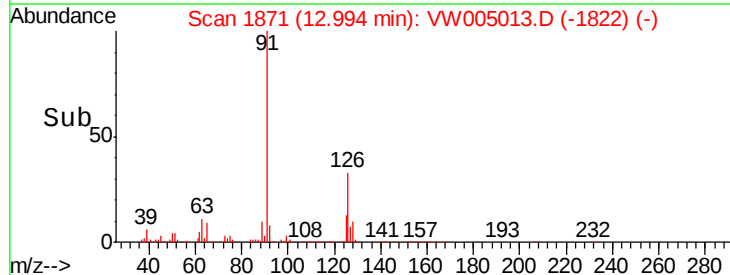
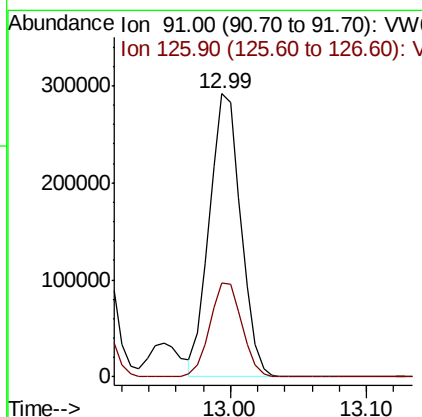
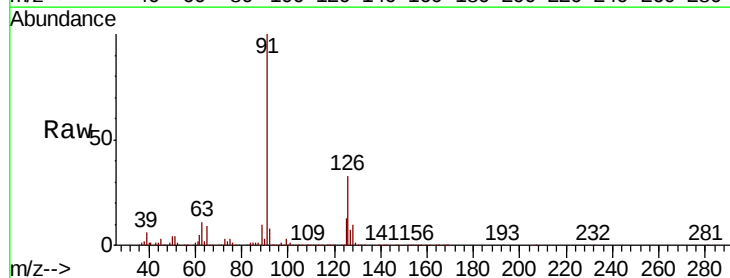
Manual Integrations
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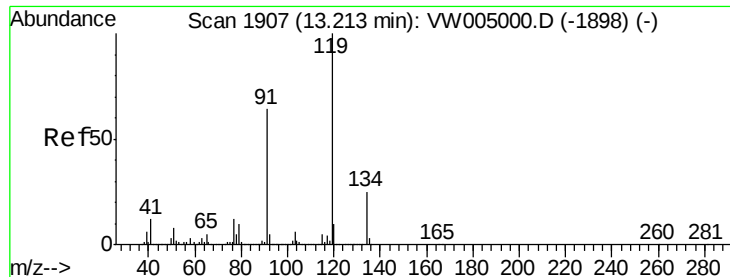
apatel
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#82
4-Chlorotoluene
Concen: 20.88 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW005013.D
Acq: 30 Aug 2018 13:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.2	17.5	52.5





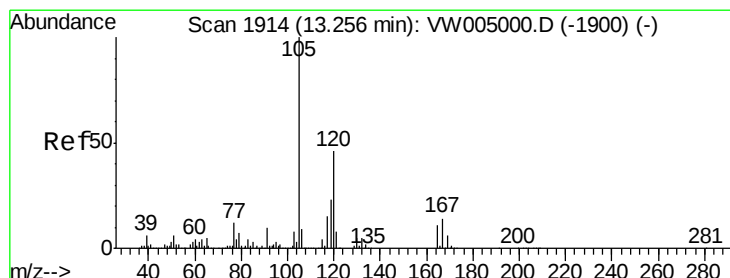
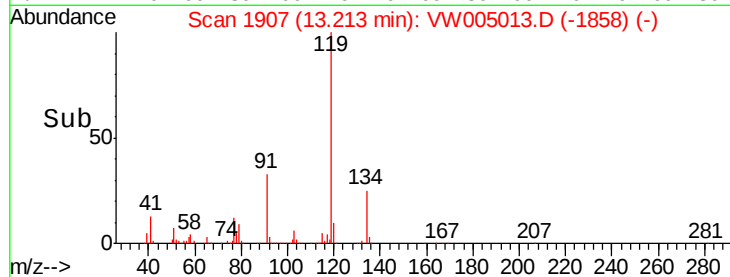
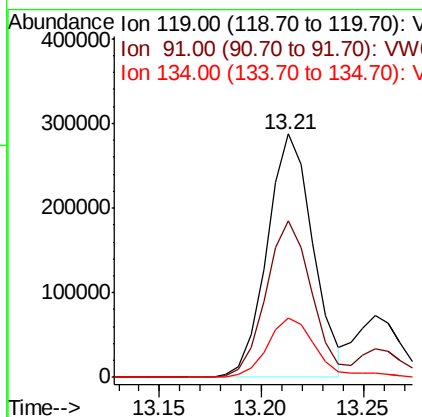
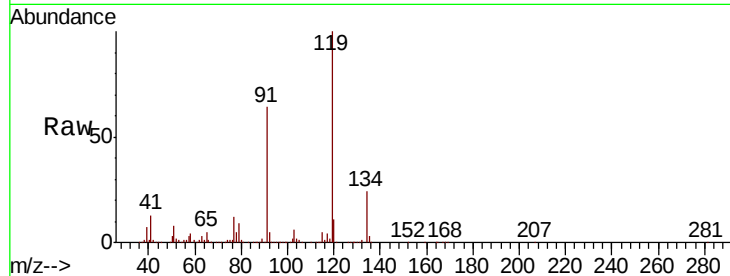
#83
tert-Butylbenzene
Concen: 20.65 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW005013.D
Acq: 30 Aug 2018 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0830SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.6	31.9	95.5
134	26.1	13.2	39.5

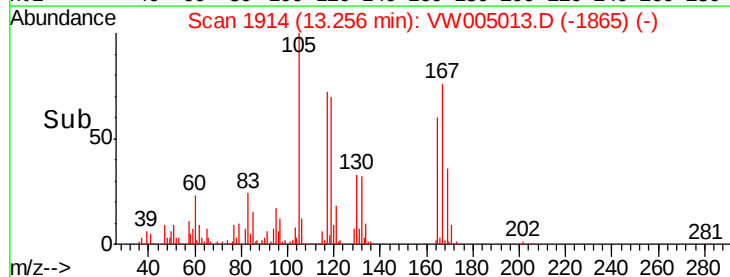
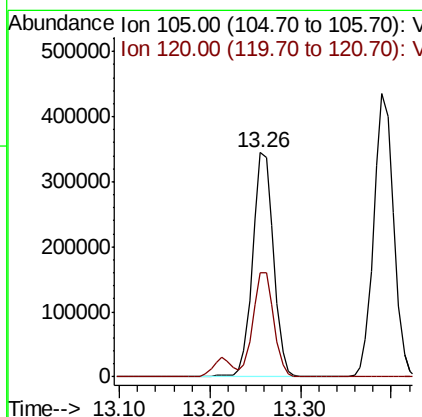
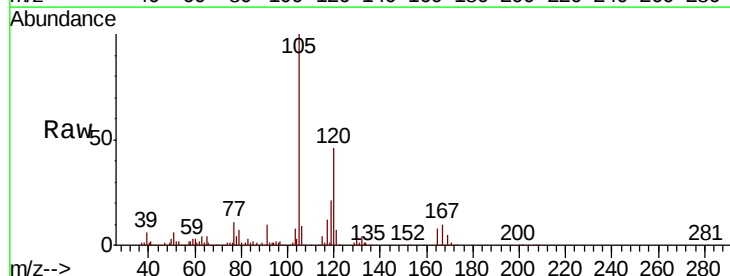
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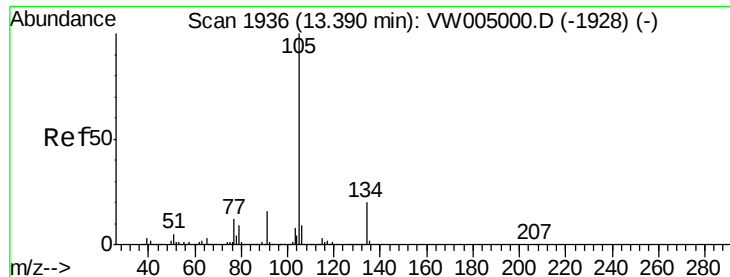
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 20.83 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW005013.D
Acq: 30 Aug 2018 13:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	22.9	68.7





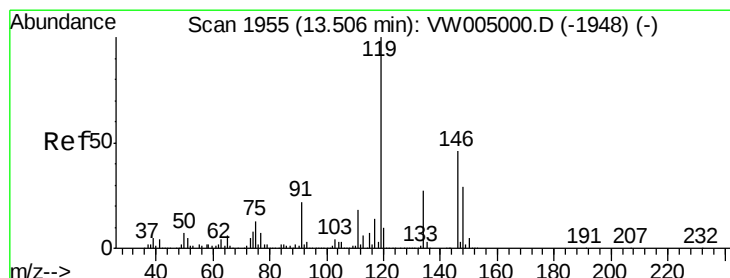
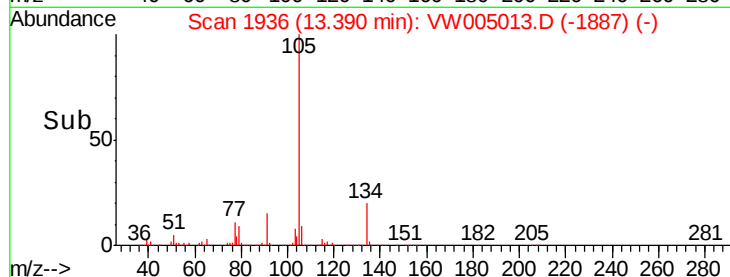
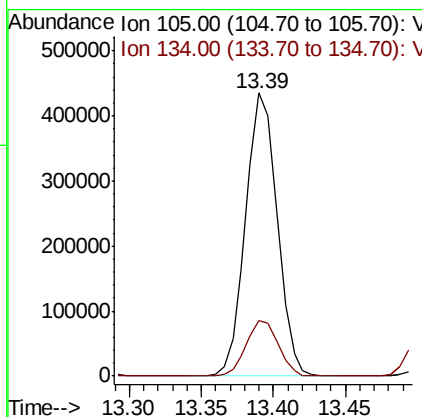
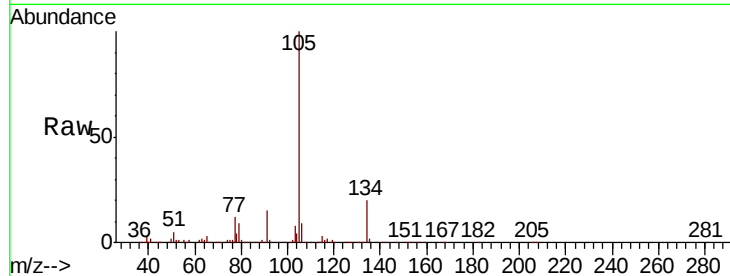
#85
 sec-Butylbenzene
 Concen: 20.64 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW005013.D
 Acq: 30 Aug 2018 13:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0830SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.9	10.1	30.3

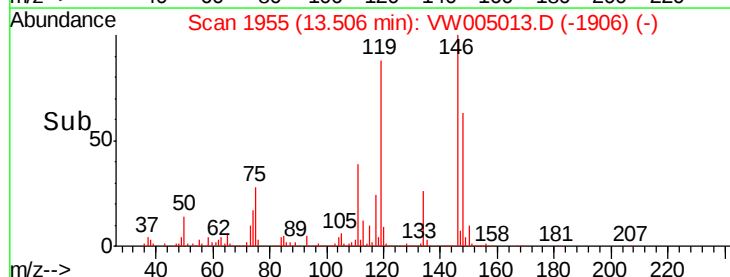
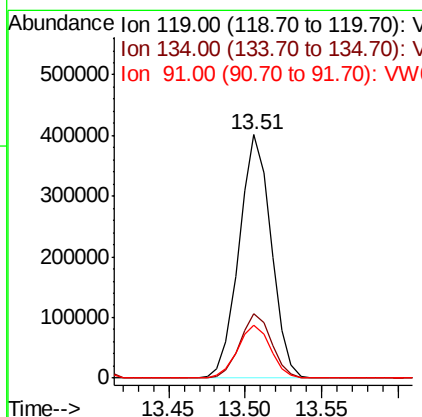
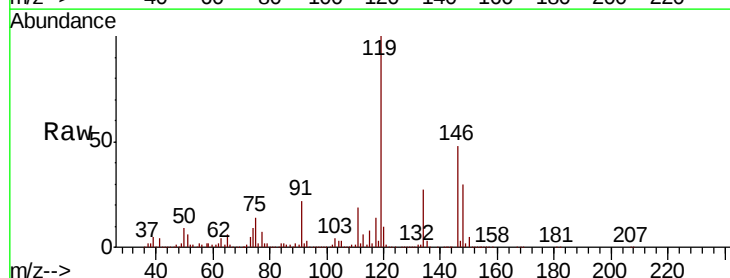
Manual Integrations
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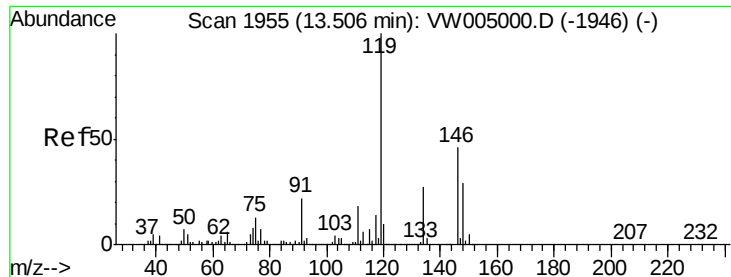
apatel
 8/31/2018 11:39:17 AM



#86
 p-Isopropyltoluene
 Concen: 20.33 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW005013.D
 Acq: 30 Aug 2018 13:01

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.1	39.3
91	22.1	10.9	32.9





#87

1,3-Dichlorobenzene

Concen: 20.11 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW005013.D

Acq: 30 Aug 2018 13:01

Instrument :

MSVOA_W

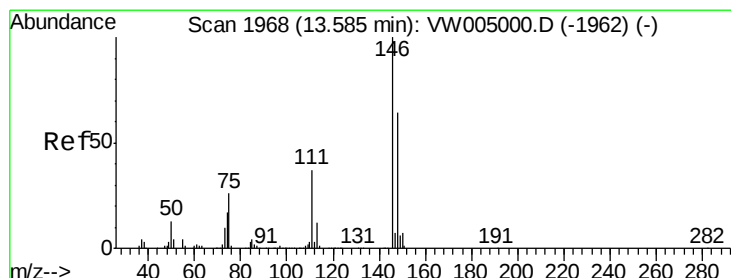
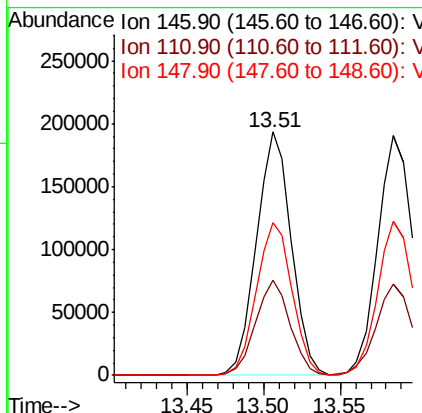
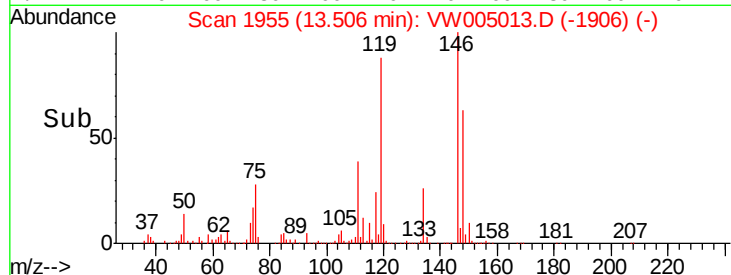
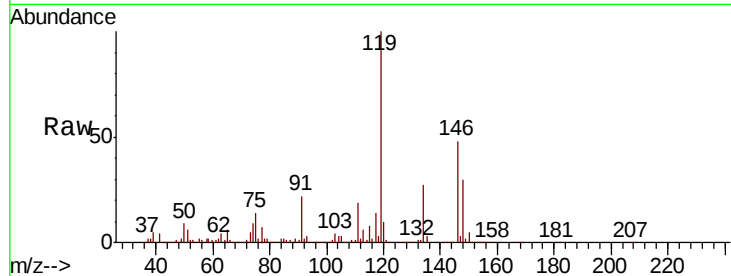
ClientSampleId :

VW0830SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.3	57.8
148	64.1	31.6	94.7

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 20.00 ug/l

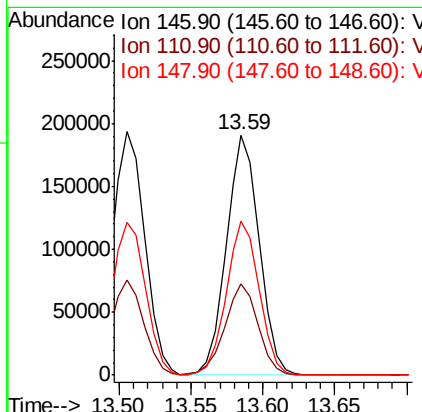
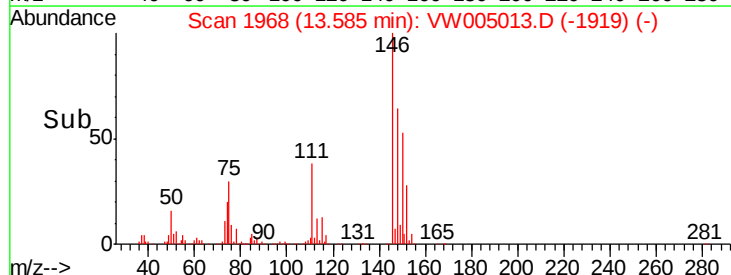
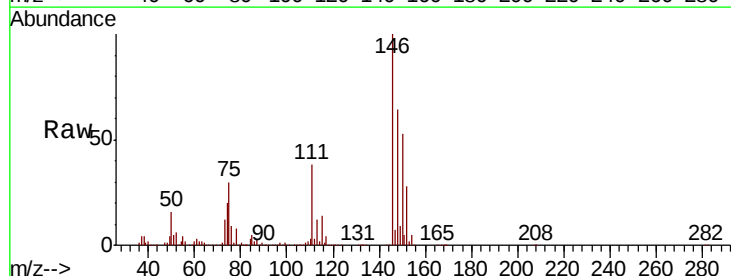
RT: 13.59 min Scan# 1968

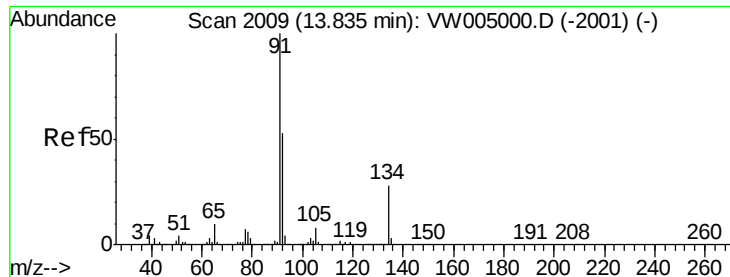
Delta R.T. -0.00 min

Lab File: VW005013.D

Acq: 30 Aug 2018 13:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.7	56.1
148	64.3	31.7	95.1





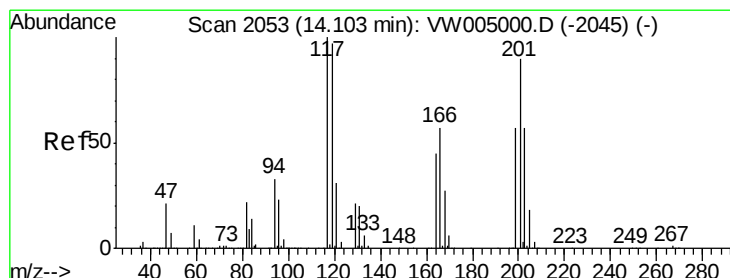
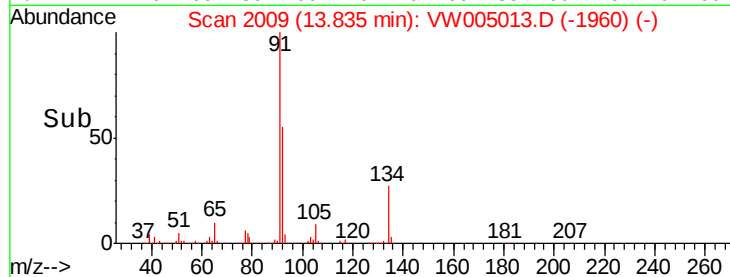
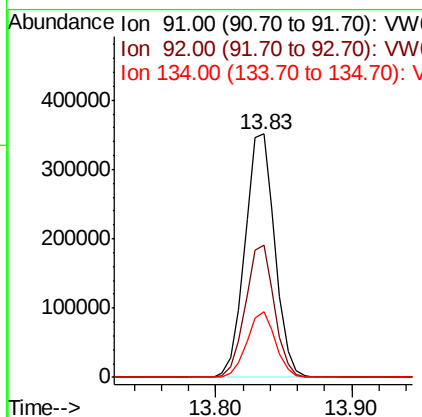
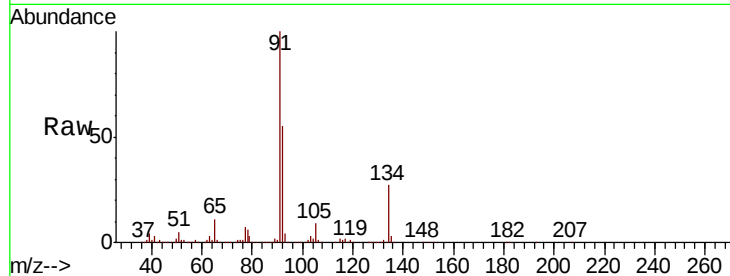
#89
n-Butylbenzene
Concen: 19.93 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. -0.00 min
Lab File: VW005013.D
Acq: 30 Aug 2018 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0830SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	52.8	26.5	79.4	
134	26.0	13.4	40.1	

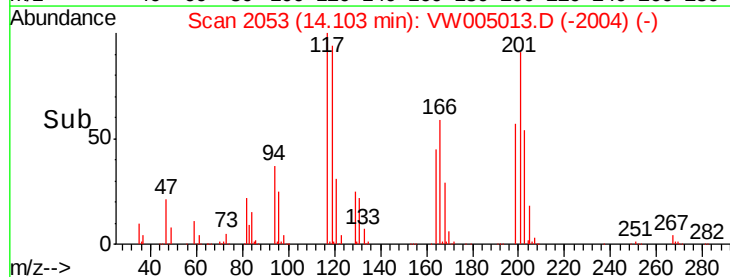
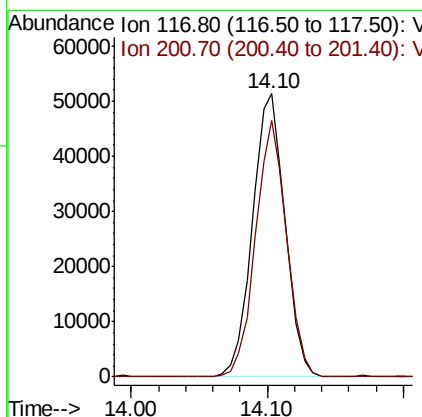
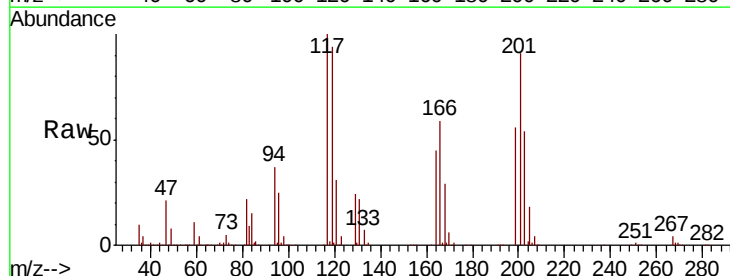
Manual Integrations
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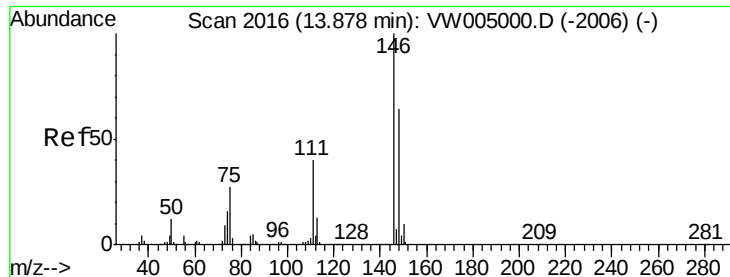
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#90
Hexachloroethane
Concen: 19.05 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. -0.00 min
Lab File: VW005013.D
Acq: 30 Aug 2018 13:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	86.3	44.3	132.8	





#91

1,2-Dichlorobenzene

Concen: 20.45 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. -0.00 min

Lab File: VW005013.D

Acq: 30 Aug 2018 13:01

Instrument :

MSVOA_W

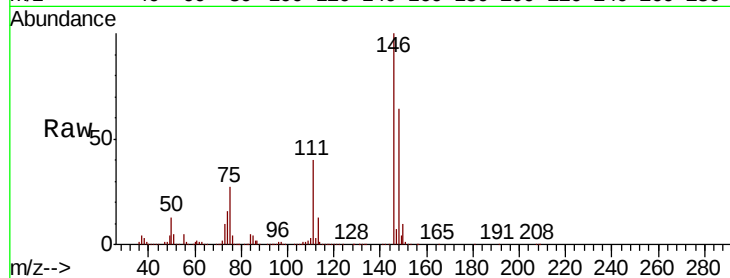
ClientSampleId :

VW0830SBSD01

Tot Ion:	146	Resp:	275124
Ion Ratio		Lower	Upper
146	100		
111	39.3	19.9	59.7
148	63.6	31.9	95.7

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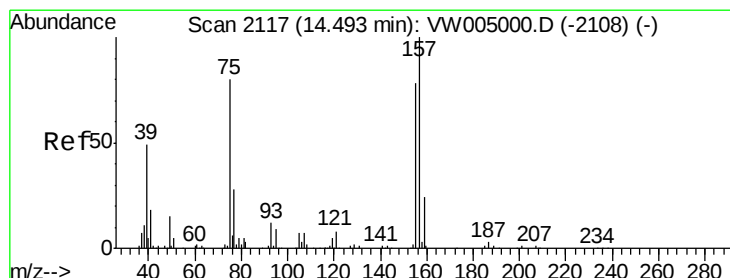
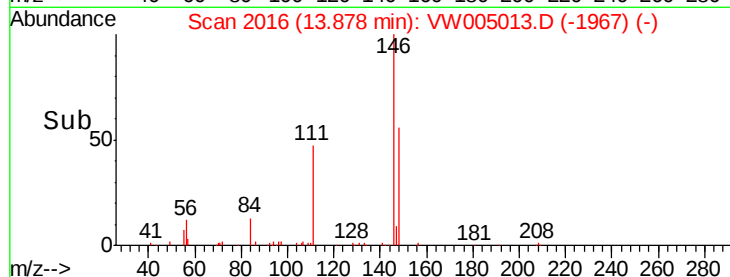
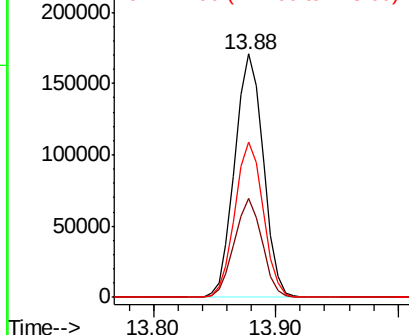


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.05 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VW005013.D

Acq: 30 Aug 2018 13:01

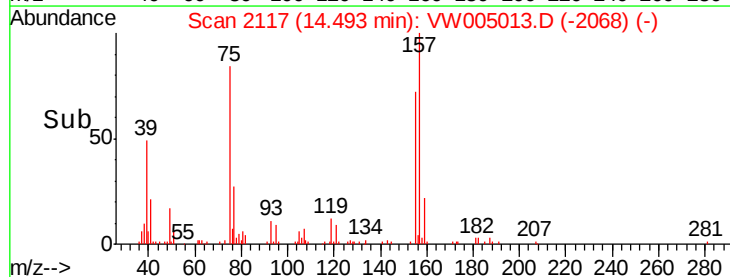
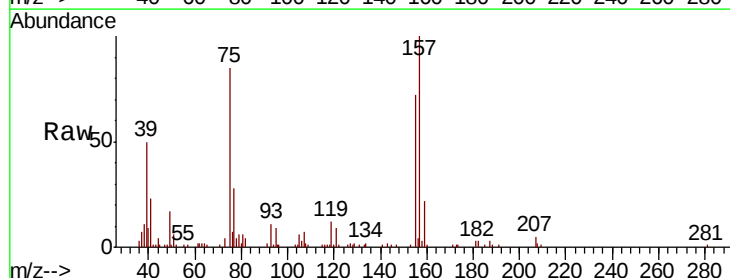
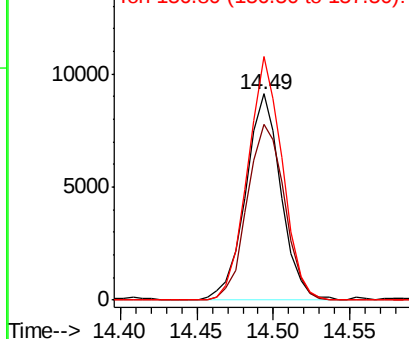
Tgt Ion:	75	Resp:	14642
Ion Ratio		Lower	Upper
75	100		
155	90.4	46.1	138.2
157	115.6	58.7	176.1

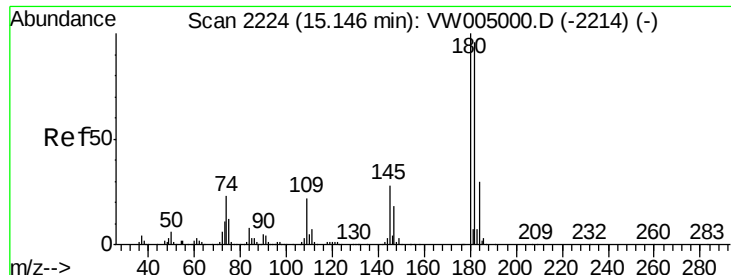
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





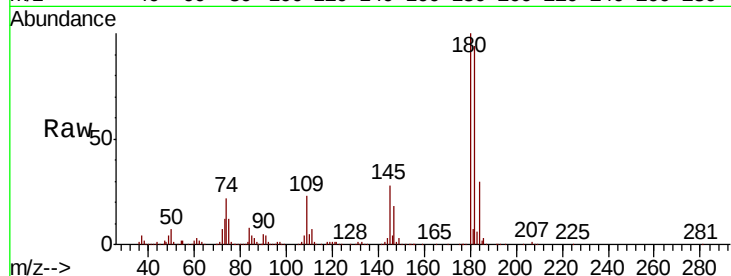
#93
 1,2,4-Trichlorobenzene
 Concen: 19.42 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW005013.D
 Acq: 30 Aug 2018 13:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0830SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	183086		
182	94.9	47.6	142.8	
145	28.9	14.3	42.9	

Manual Integrations
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 8/31/2018 11:39:17 AM

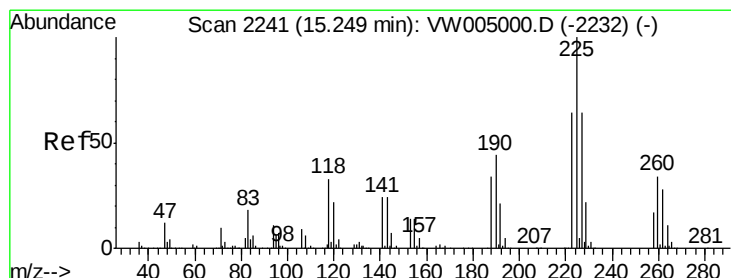
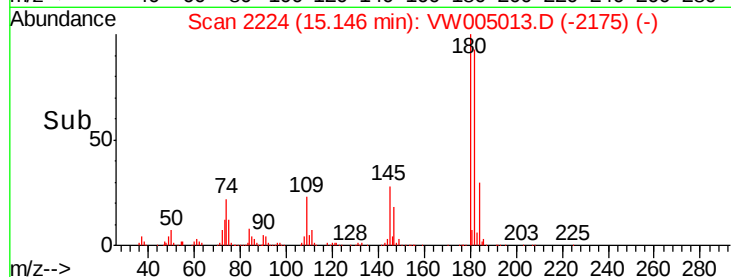
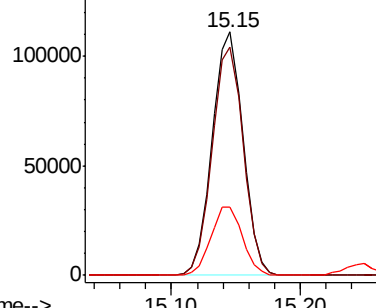


Abundance

Ion 179.80 (179.50 to 180.50): V

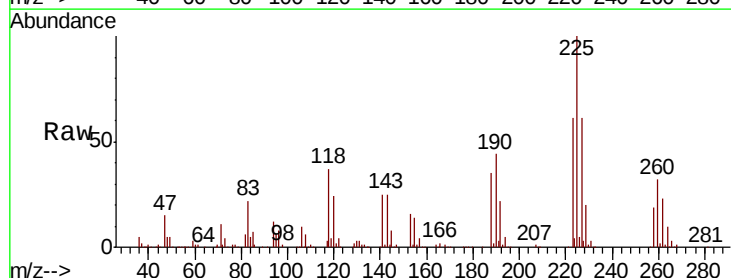
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.58 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW005013.D
 Acq: 30 Aug 2018 13:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	109648		
223	61.5	32.0	96.0	
227	63.1	31.9	95.7	

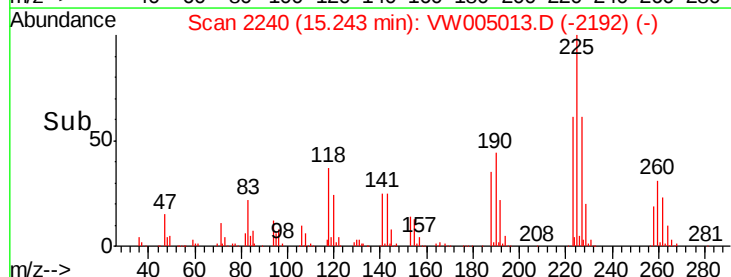
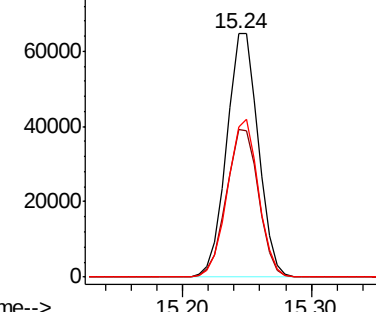


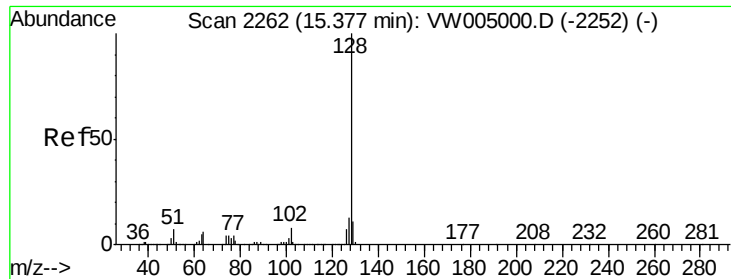
Abundance

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: 20.23 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW005013.D

Acq: 30 Aug 2018 13:01

Instrument :

MSVOA_W

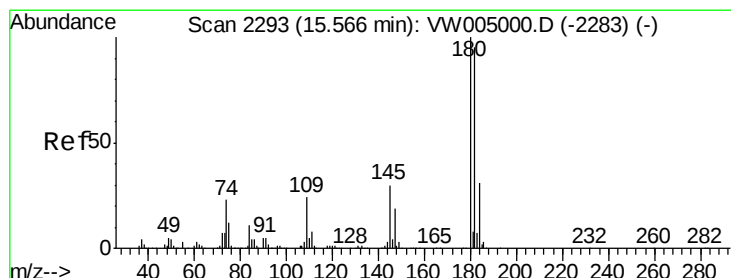
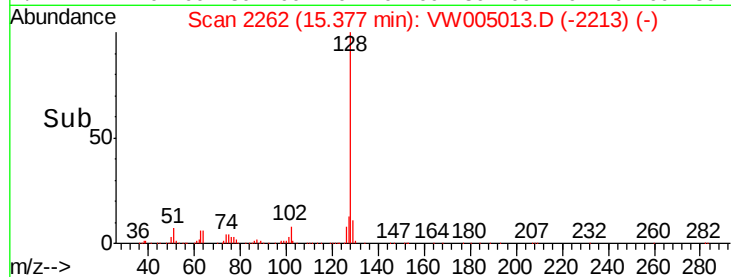
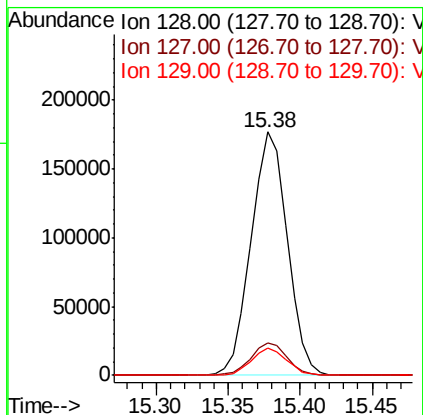
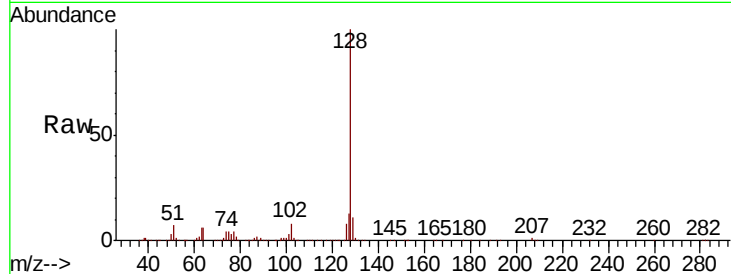
ClientSampleId :

VW0830SBSD01

Tot Ion:	128	Resp:	307422
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.5	15.7
129	11.1	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 19.43 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VW005013.D

Acq: 30 Aug 2018 13:01

Tgt Ion:	180	Resp:	161792
Ion Ratio	Lower	Upper	
180	100		
182	95.2	47.6	142.8
145	30.5	15.1	45.3

