

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
 Data File : VW005887.D
 Acq On : 08 Oct 2018 10:57
 Operator : SY/AP
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
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 10/9/2018 4:12:01 PM

Quant Time: Oct 09 02:05:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 01:57:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	368798	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	540699	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	490194	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	262022	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	36895	10.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.62%	
35) Dibromofluoromethane	7.89	113	35275	10.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.44%	
50) Toluene-d8	10.33	98	137137	10.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.66%	
62) 4-Bromofluorobenzene	12.62	95	51591	10.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	17815	9.86	ug/l	96
3) Chloromethane	2.21	50	21362	10.05	ug/l	98
4) Vinyl Chloride	2.37	62	32506	9.63	ug/l	97
5) Bromomethane	2.78	94	25031	9.40	ug/l	91
6) Chloroethane	2.93	64	19836	9.23	ug/l	95
7) Trichlorofluoromethane	3.26	101	25087	9.36	ug/l	97
8) Diethyl Ether	3.68	74	16396	9.94	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	4.06	101	34271	10.14	ug/l	99
10) Methyl Iodide	4.26	142	55061	9.96	ug/l	99
11) Tert butyl alcohol	5.20	59	13964	53.22	ug/l #	87
12) 1,1-Dichloroethene	4.03	96	32776	10.10	ug/l	99
13) Acrolein	3.89	56	14088	60.25	ug/l	90
14) Allyl chloride	4.67	41	56938	10.28	ug/l	97
15) Acrylonitrile	5.37	53	36727	51.19	ug/l	99
16) Acetone	4.13	43	39480	55.21	ug/l	91
17) Carbon Disulfide	4.37	76	94316	9.61	ug/l	99
18) Methyl Acetate	4.68	43	17219	9.54	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	52212	10.34	ug/l	97
20) Methylene Chloride	4.91	84	37807	10.55	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	34929	9.87	ug/l	93
22) Diisopropyl ether	6.32	45	106211	10.26	ug/l	97
23) Vinyl Acetate	6.26	43	325801	51.15	ug/l	99
24) 1,1-Dichloroethane	6.21	63	64528	10.19	ug/l	98
25) 2-Butanone	7.18	43	53910	53.00	ug/l	97
26) 2,2-Dichloropropane	7.17	77	47663	10.69	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	40711	10.17	ug/l	97
28) Bromochloromethane	7.51	49	24159	10.33	ug/l	96
29) Tetrahydrofuran	7.54	42	32176	50.04	ug/l	99
30) Chloroform	7.68	83	65949	10.14	ug/l	97
31) Cyclohexane	7.95	56	64762	10.33	ug/l #	90
32) 1,1,1-Trichloroethane	7.87	97	59544	10.28	ug/l	98
36) 1,1-Dichloropropene	8.09	75	52196	10.07	ug/l	100
37) Ethyl Acetate	7.26	43	22879	10.43	ug/l	98
38) Carbon Tetrachloride	8.07	117	55760	10.02	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	67341	9.85	ug/l	99
40) Benzene	8.32	78	142223	10.03	ug/l	100
41) Methacrylonitrile	7.49	41	13729	9.99	ug/l	96
42) 1,2-Dichloroethane	8.40	62	43098	10.06	ug/l	97
43) Isopropyl Acetate	8.43	43	45187	9.86	ug/l	98
44) Trichloroethene	9.09	130	40749	9.90	ug/l	93
45) 1,2-Dichloropropane	9.37	63	35786	10.08	ug/l	96
46) Dibromomethane	9.46	93	19326	9.91	ug/l	99
47) Bromodichloromethane	9.65	83	49683	10.12	ug/l	96
48) Methyl methacrylate	9.44	41	21508	9.85	ug/l	96
49) 1,4-Dioxane	9.46	88	5587	188.55	ug/l #	83
51) 4-Methyl-2-Pentanone	10.21	43	111605	50.01	ug/l	99
52) Toluene	10.39	92	93870	10.08	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	51187	9.98	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	58190	10.09	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	26691	9.88	ug/l	96
56) Ethyl methacrylate	10.65	69	35805	9.83	ug/l	99
57) 1,3-Dichloropropane	10.93	76	45562	10.02	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	73870	49.85	ug/l	99
59) 2-Hexanone	10.97	43	82370	51.47	ug/l	100
60) Dibromochloromethane	11.13	129	35297	10.12	ug/l	100
61) 1,2-Dibromoethane	11.24	107	27116	10.04	ug/l	96
64) Tetrachloroethene	10.87	164	35425	9.70	ug/l	99
65) Chlorobenzene	11.66	112	105326	10.03	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	38488	10.00	ug/l	99
67) Ethyl Benzene	11.73	91	185565	10.01	ug/l	99
68) m/p-Xylenes	11.84	106	145662	20.10	ug/l	100
69) o-Xylene	12.17	106	69126	9.96	ug/l	100
70) Styrene	12.18	104	114996	9.99	ug/l	100
71) Bromoform	12.35	173	22325	9.74	ug/l #	99
73) Isopropylbenzene	12.47	105	192939	10.08	ug/l	100
74) N-amyl acetate	12.27	43	45544	10.02	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	31927	10.18	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	24292m	6.06	ug/l	
77) Bromobenzene	12.75	156	45286	9.99	ug/l	97
78) n-propylbenzene	12.81	91	228820	10.17	ug/l	99
79) 2-Chlorotoluene	12.90	91	128692	10.13	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	164000	10.15	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	10892	9.82	ug/l	98
82) 4-Chlorotoluene	12.99	91	133664	10.00	ug/l	99
83) tert-Butylbenzene	13.21	119	145510	10.13	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	166891	10.24	ug/l	99
85) sec-Butylbenzene	13.39	105	204360	10.13	ug/l	100
86) p-Isopropyltoluene	13.51	119	183602	10.12	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	91277	10.13	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	91424	10.21	ug/l	98
89) n-Butylbenzene	13.83	91	174142	10.19	ug/l	100
90) Hexachloroethane	14.10	117	33836	9.92	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	80387	10.05	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5782	9.89	ug/l	98

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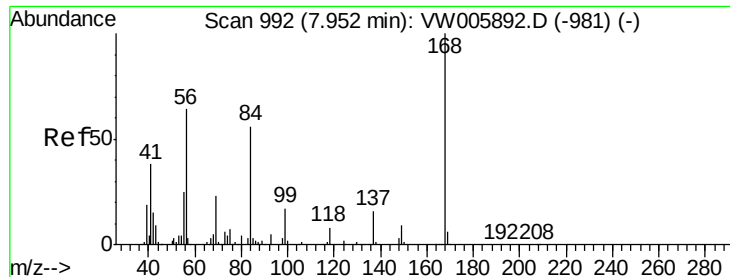
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	62299	10.05	ug/l	99
94) Hexachlorobutadiene	15.24	225	38798	10.02	ug/l	98
95) Naphthalene	15.37	128	105842	9.90	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	54166	10.09	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005887.D

Acq: 08 Oct 2018 10:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion: 168 Resp: 368798

Ion Ratio Lower Upper

168 100

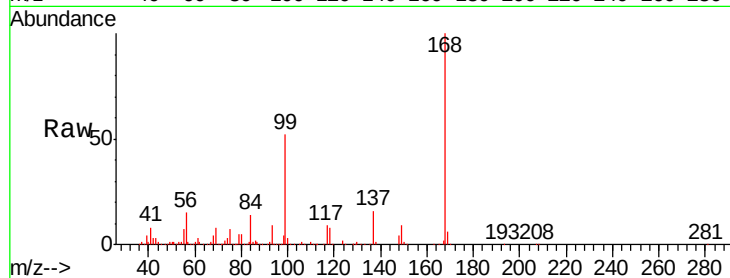
99 51.7 40.9 61.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

200000

150000

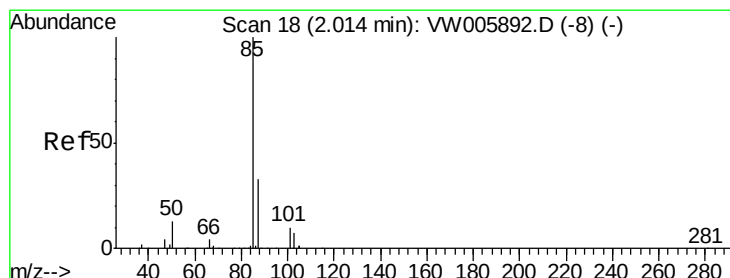
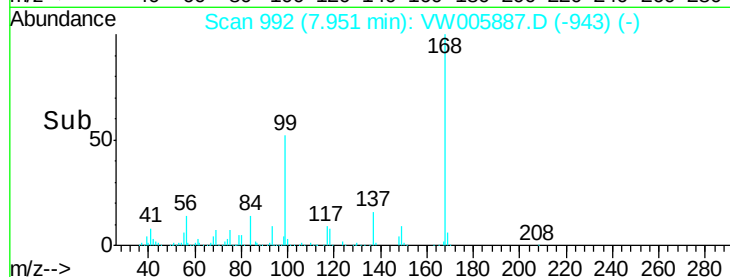
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50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 9.86 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW005887.D

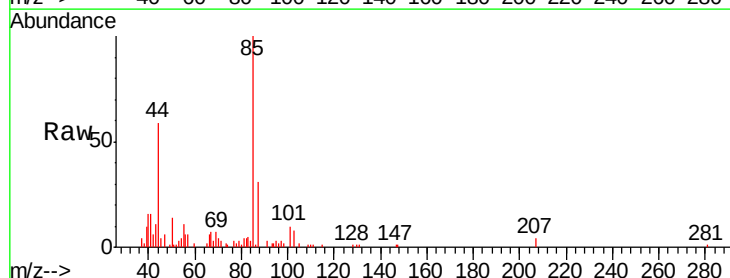
Acq: 08 Oct 2018 10:57

Tgt Ion: 85 Resp: 17815

Ion Ratio Lower Upper

85 100

87 31.2 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

5000

4000

3000

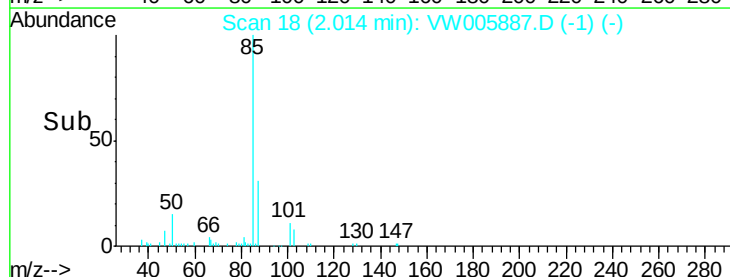
2000

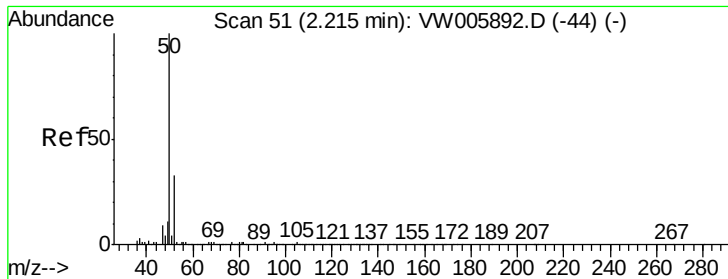
1000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 10.05 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005887.D

Acq: 08 Oct 2018 10:57

Instrument :

MSVOA_W

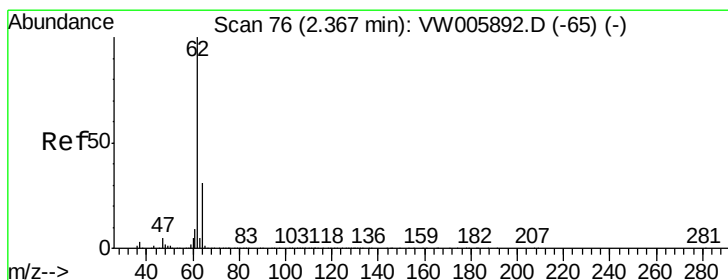
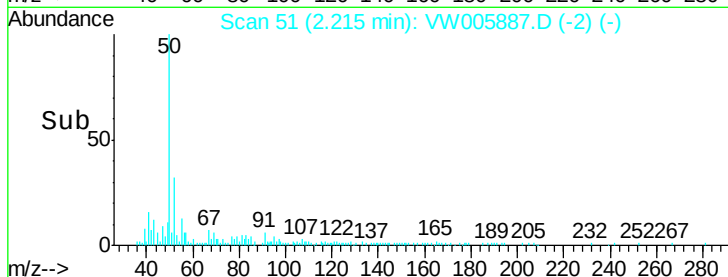
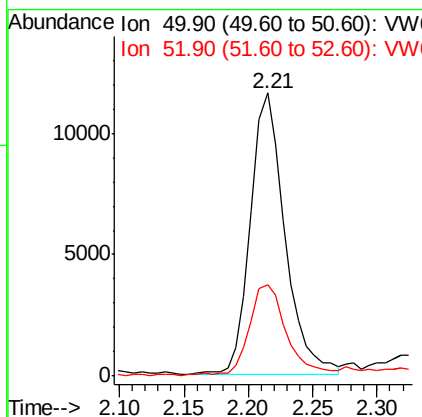
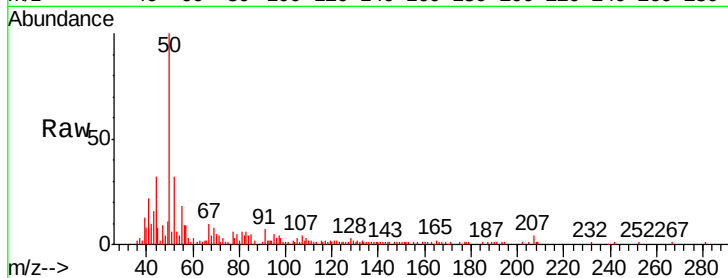
ClientSampled :

VSTDIC010

Tgt Ion	Ratio	Lower	Upper
50	100		
52	32.2	26.7	40.1

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#4

Vinyl Chloride

Concen: 9.63 ug/l

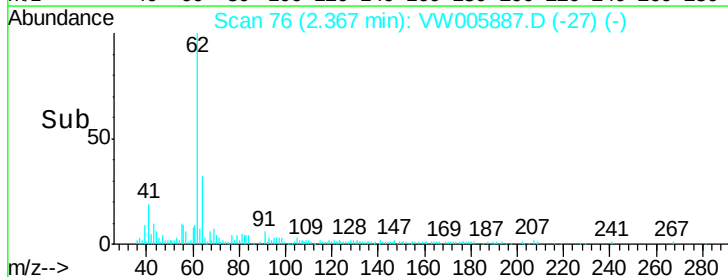
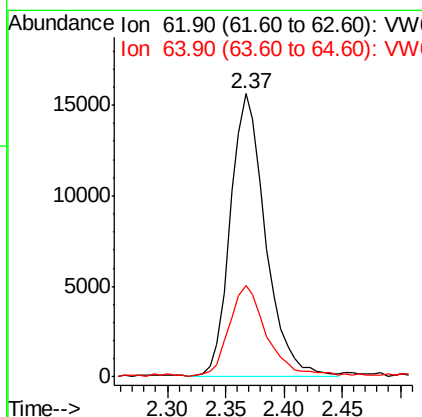
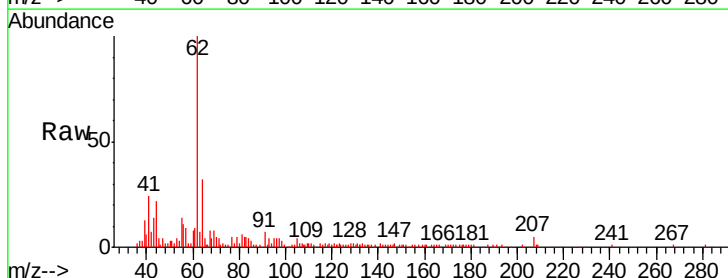
RT: 2.37 min Scan# 76

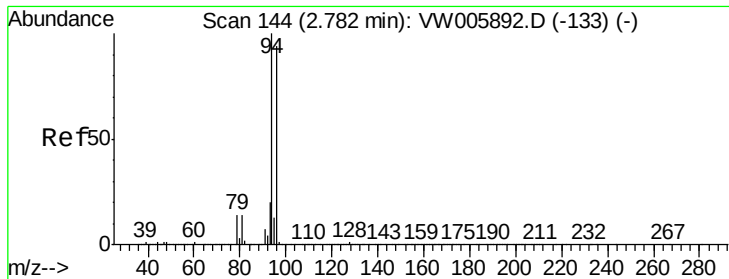
Delta R.T. -0.00 min

Lab File: VW005887.D

Acq: 08 Oct 2018 10:57

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.2	24.6	36.8





#5

Bromomethane

Concen: 9.40 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW005887.D

Acq: 08 Oct 2018 10:57

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tgt Ion: 94 Resp: 25031

Ion Ratio Lower Upper

94 100

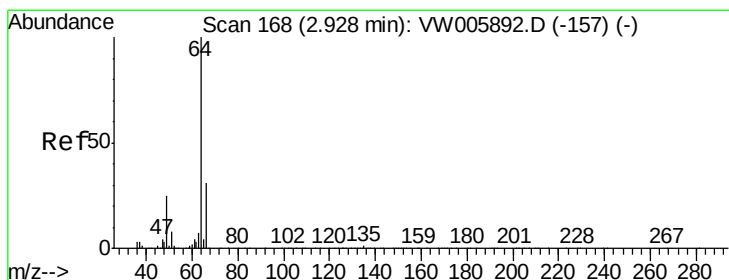
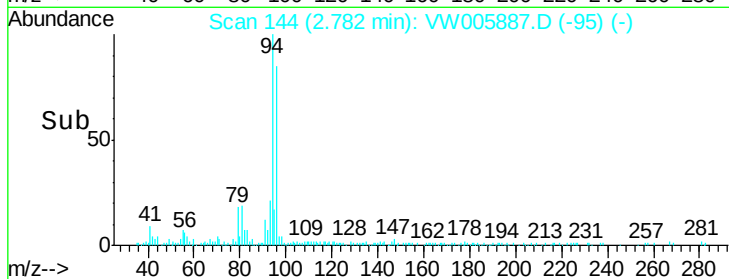
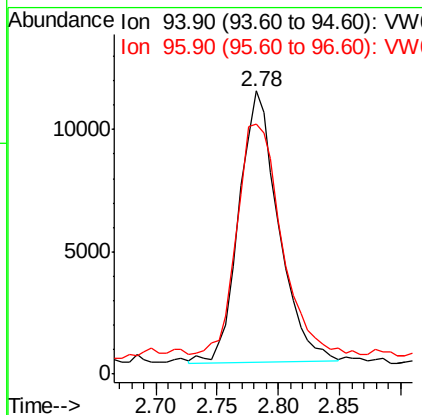
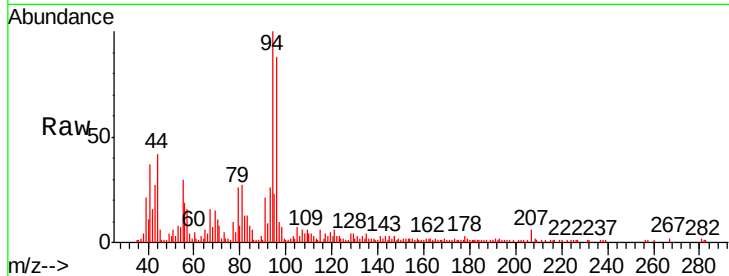
96 85.2 75.0 112.4

Manual Integrations

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#6

Chloroethane

Concen: 9.23 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: VW005887.D

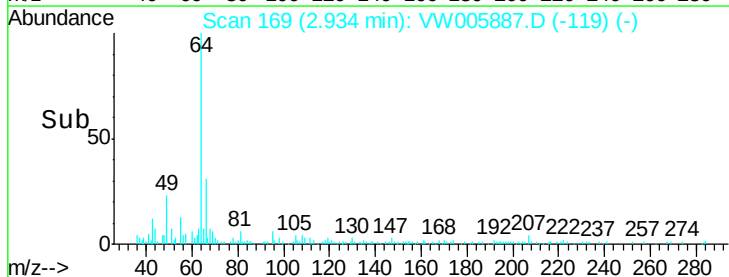
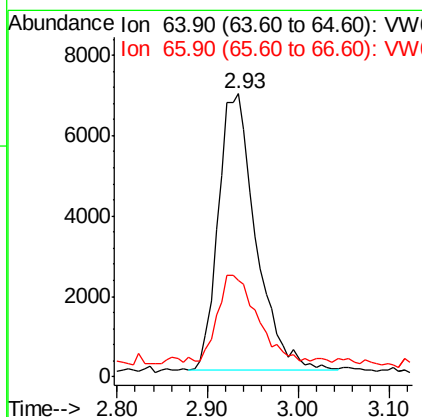
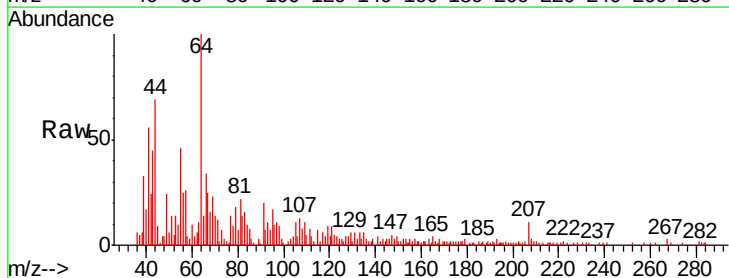
Acq: 08 Oct 2018 10:57

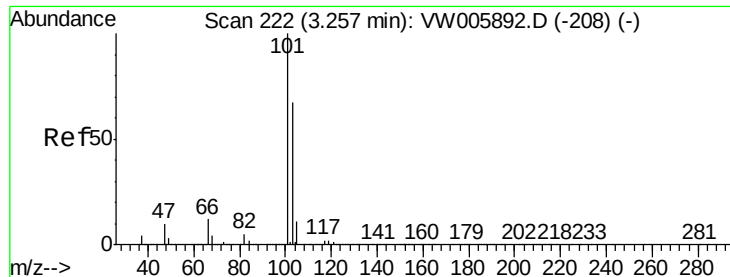
Tgt Ion: 64 Resp: 19836

Ion Ratio Lower Upper

64 100

66 28.5 25.0 37.4





#7

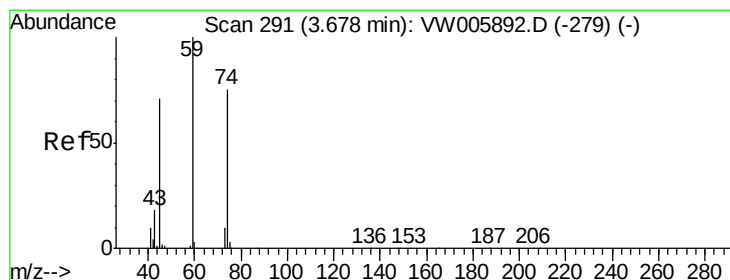
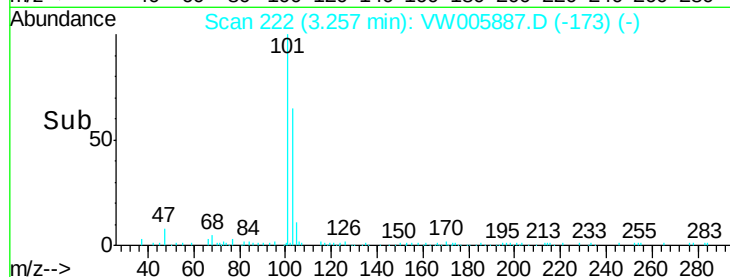
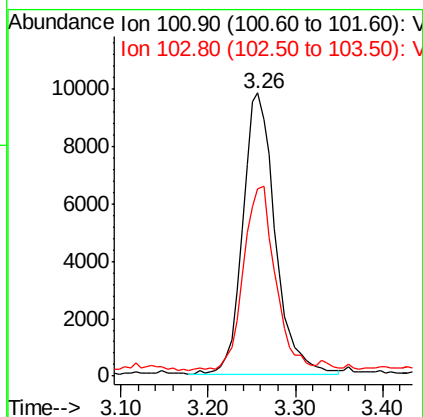
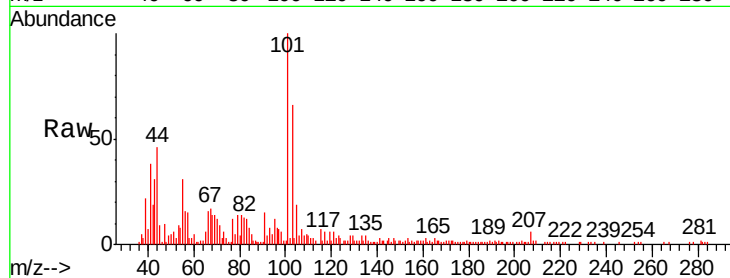
Trichlorofluoromethane
Concen: 9.36 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.00 min
Lab File: VW005887.D
Acq: 08 Oct 2018 10:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.8	53.5	80.3

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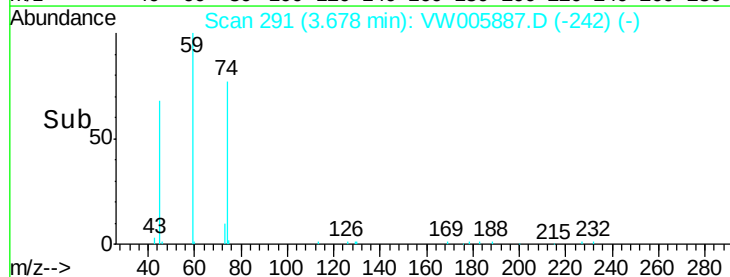
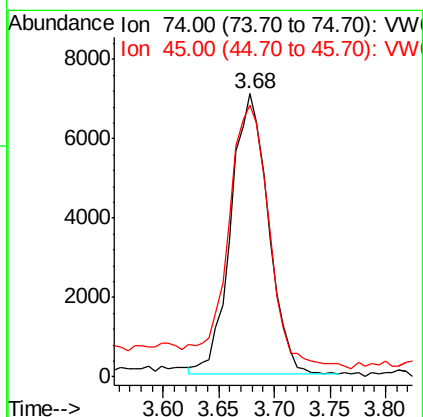
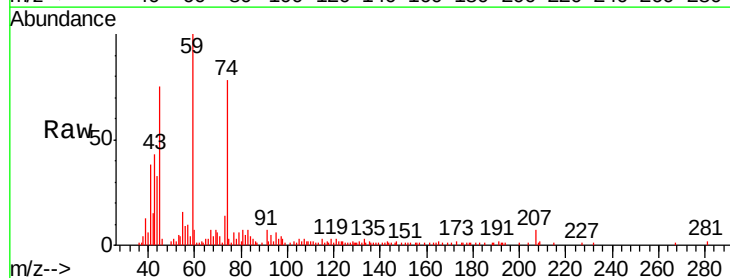
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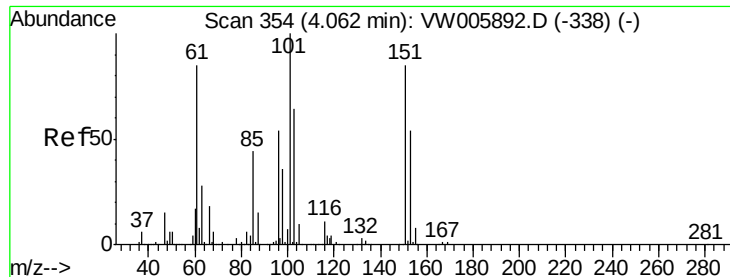


#8

Diethyl Ether
Concen: 9.94 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW005887.D
Acq: 08 Oct 2018 10:57

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.6	46.8	140.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.14 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW005887.D

Acq: 08 Oct 2018 10:57

Instrument :

MSVOA_W

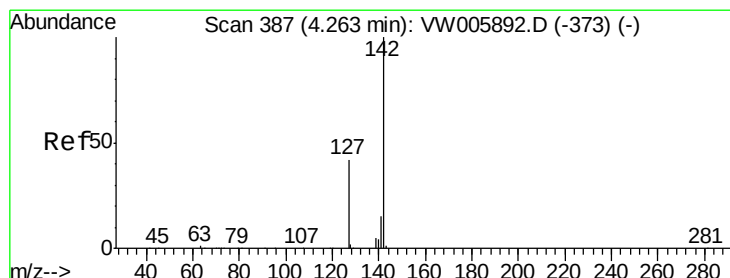
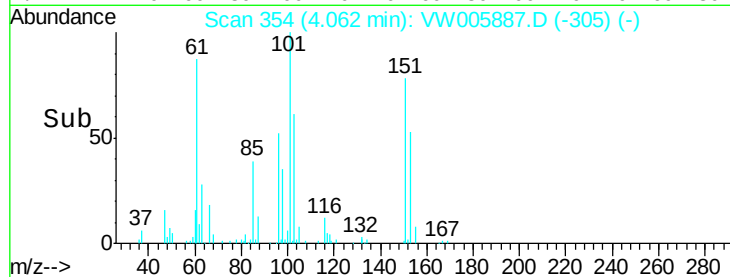
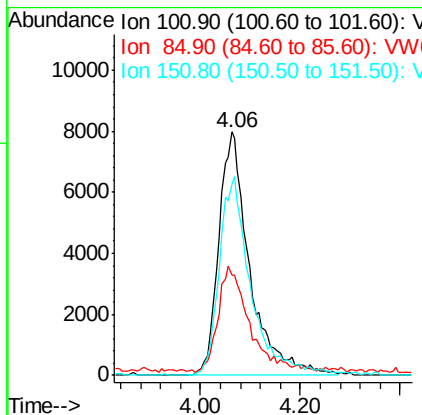
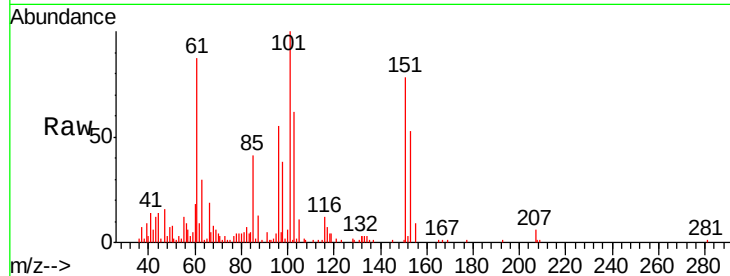
ClientSampled :

VSTDIC010

Tgt Ion:	101	Resp:	34271
Ion Ratio	Lower	Upper	
101	100		
85	43.6	35.1	52.7
151	83.4	67.7	101.5

Manual Integrations
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#10

Methyl Iodide

Concen: 9.96 ug/l

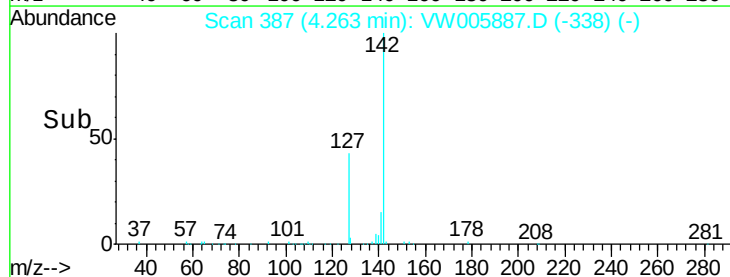
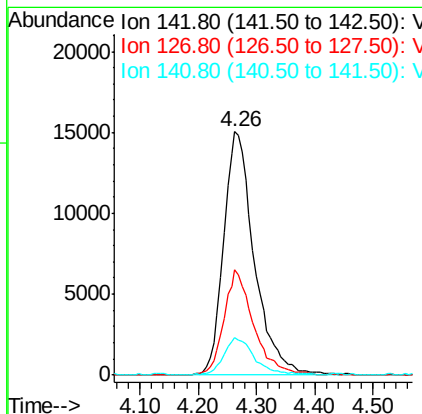
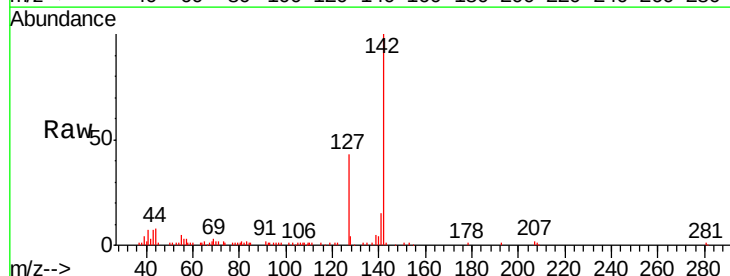
RT: 4.26 min Scan# 387

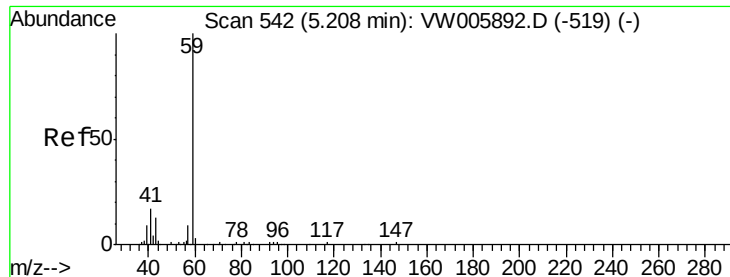
Delta R.T. -0.00 min

Lab File: VW005887.D

Acq: 08 Oct 2018 10:57

Tgt Ion:	142	Resp:	55061
Ion Ratio	Lower	Upper	
142	100		
127	41.6	33.7	50.5
141	15.4	11.5	17.3





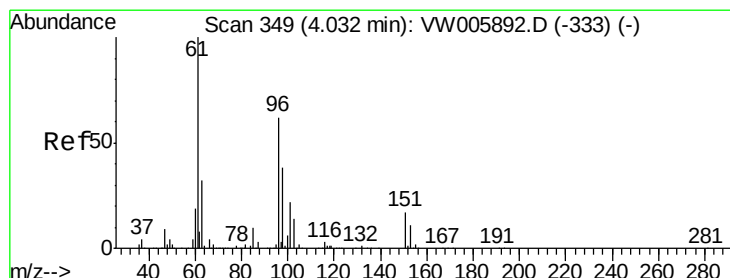
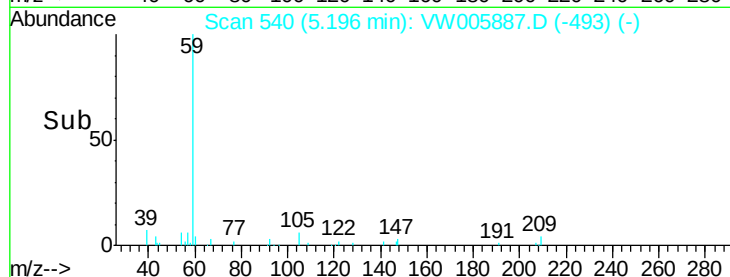
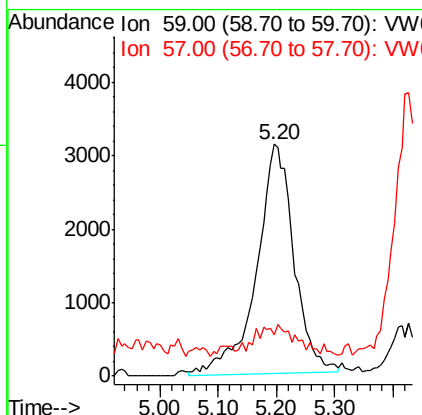
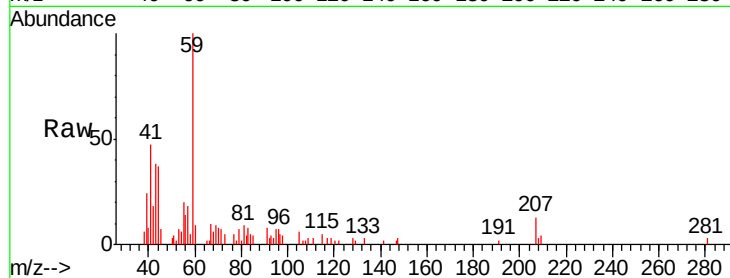
#11
Tert butyl alcohol
Concen: 53.22 ug/l
RT: 5.20 min Scan# 540
Delta R.T. -0.01 min
Lab File: VW005887.D
Acq: 08 Oct 2018 10:57

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tgt Ion: 59 Resp: 13964
Ion Ratio Lower Upper
59 100
57 4.8 7.7 11.5#

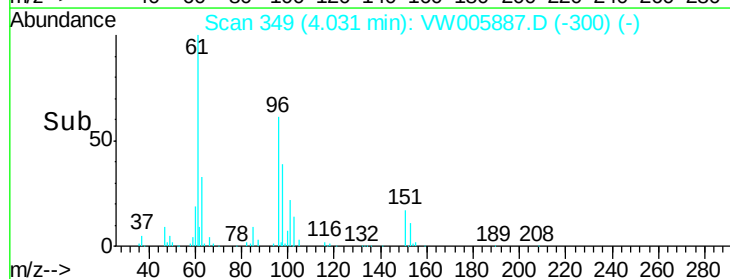
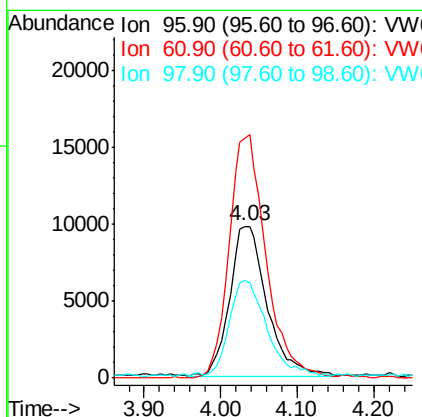
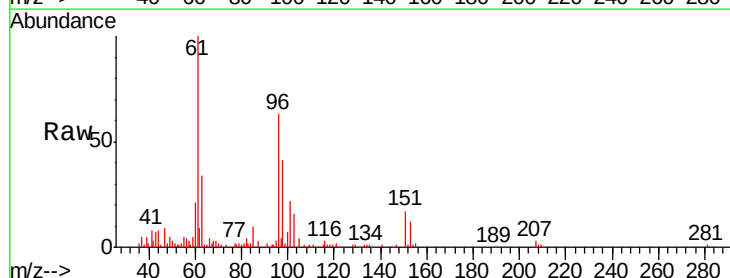
Manual Integrations
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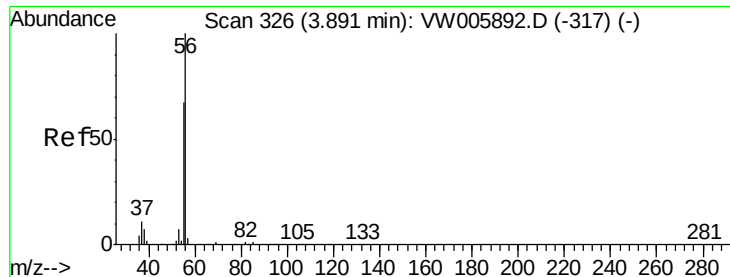
apatel
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#12
1,1-Dichloroethene
Concen: 10.10 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW005887.D
Acq: 08 Oct 2018 10:57

Tgt Ion: 96 Resp: 32776
Ion Ratio Lower Upper
96 100
61 159.9 128.6 193.0
98 63.8 49.4 74.0





#13

Acrolein

Concen: 60.25 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW005887.D

Acq: 08 Oct 2018 10:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion: 56 Resp: 14088

Ion Ratio Lower Upper

56 100

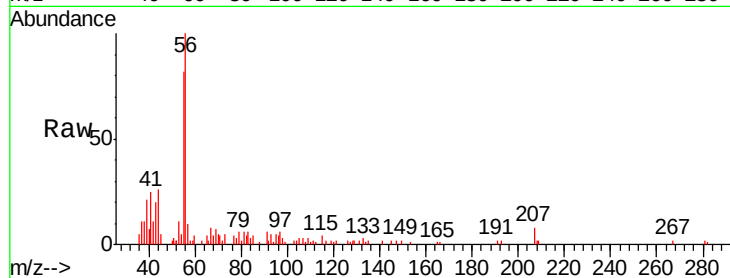
55 76.6 54.6 82.0

Manual Integrations

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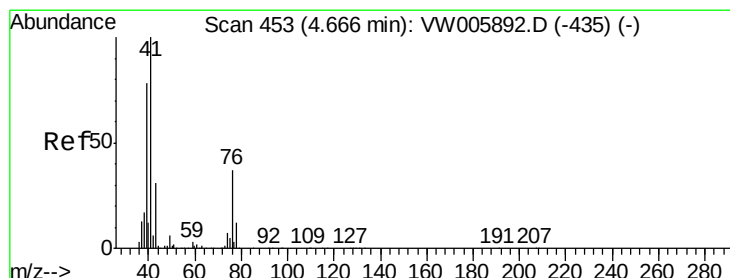
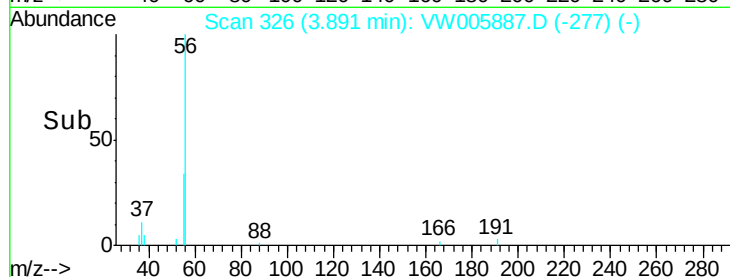
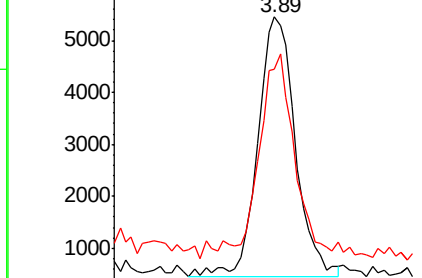
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 10.28 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW005887.D

Acq: 08 Oct 2018 10:57

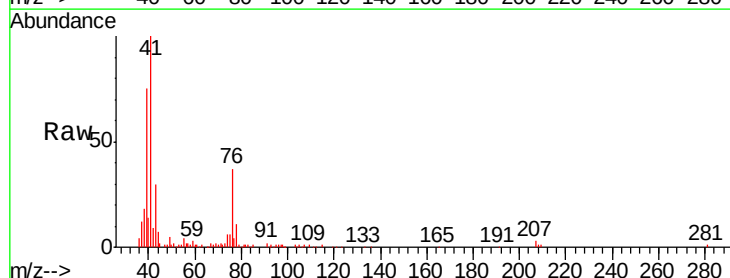
Tgt Ion: 41 Resp: 56938

Ion Ratio Lower Upper

41 100

39 73.6 60.8 91.2

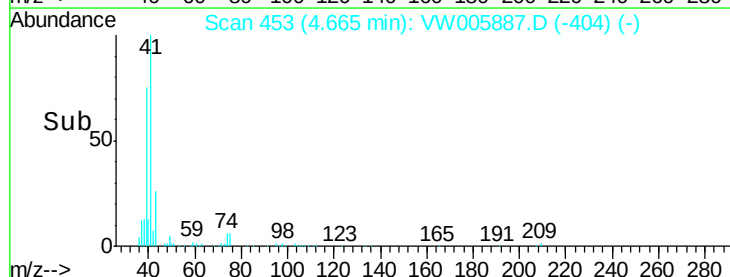
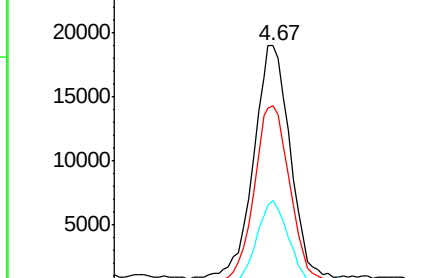
76 34.9 29.6 44.4

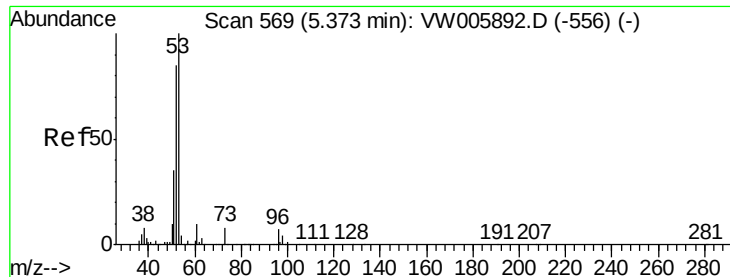


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 51.19 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW005887.D

Acq: 08 Oct 2018 10:57

Instrument :

MSVOA_W

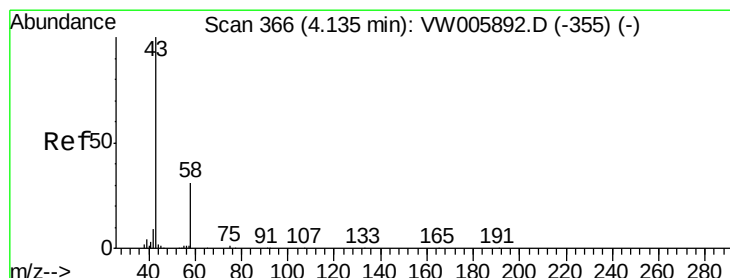
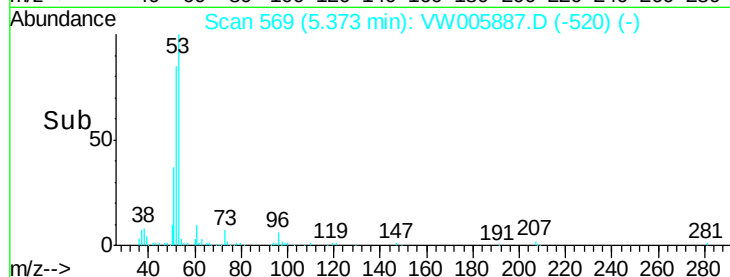
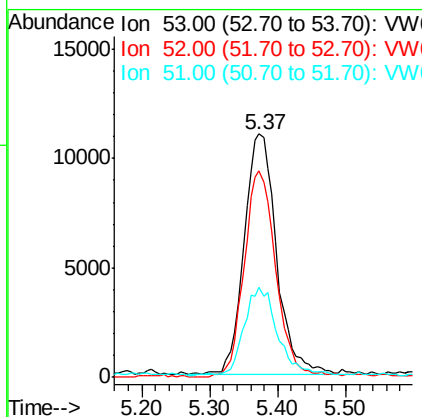
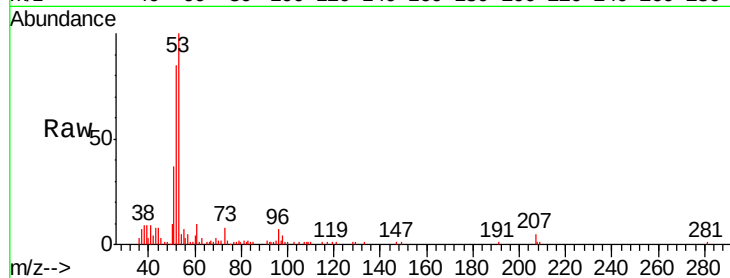
ClientSampleId :

VSTDIC010

Tgt Ion:	53	Resp:	36727
Ion	Ratio	Lower	Upper
53	100		
52	83.7	66.8	100.2
51	35.6	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 55.21 ug/l

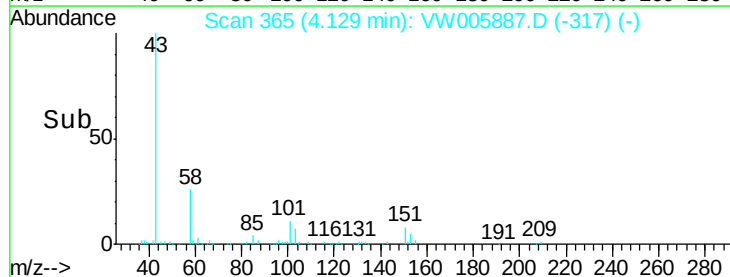
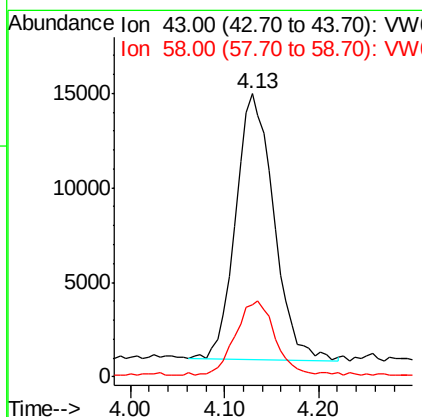
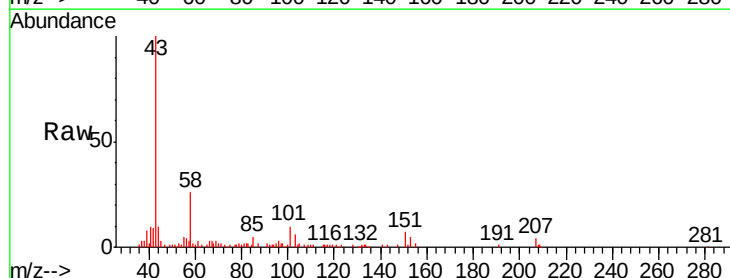
RT: 4.13 min Scan# 365

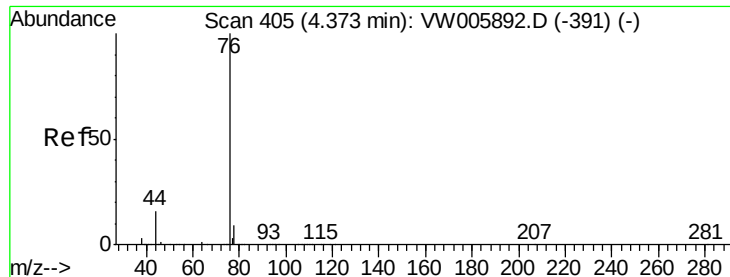
Delta R.T. -0.01 min

Lab File: VW005887.D

Acq: 08 Oct 2018 10:57

Tgt Ion:	43	Resp:	39480
Ion	Ratio	Lower	Upper
43	100		
58	26.0	24.7	37.1





#17

Carbon Disulfide

Concen: 9.61 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW005887.D

Acq: 08 Oct 2018 10:57

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tgt Ion: 76 Resp: 94316

Ion Ratio Lower Upper

76 100

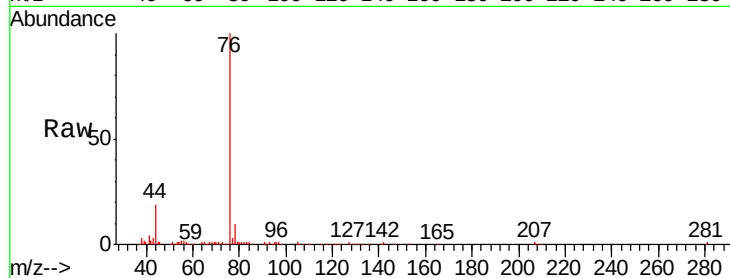
78 9.7 7.4 11.0

Manual Integrations

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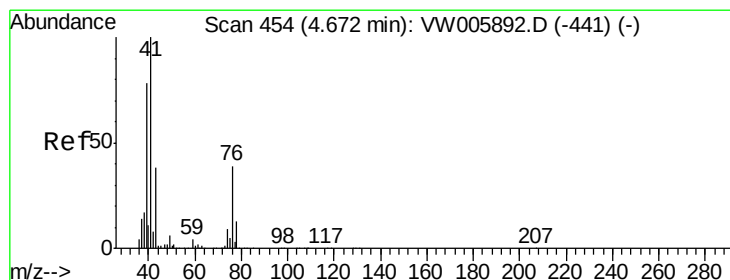
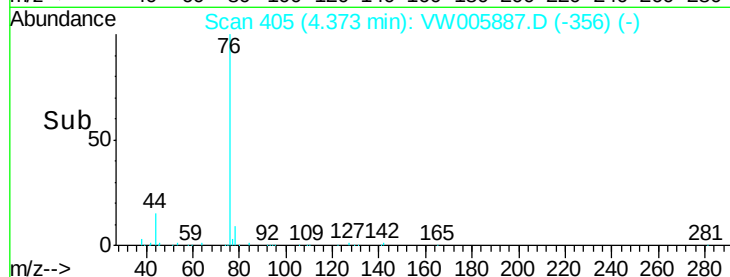
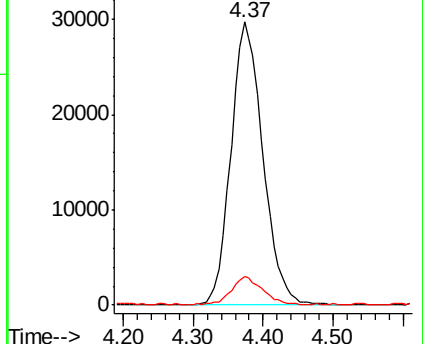
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 9.54 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW005887.D

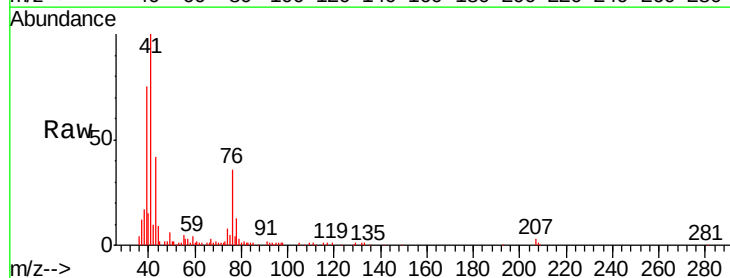
Acq: 08 Oct 2018 10:57

Tgt Ion: 43 Resp: 17219

Ion Ratio Lower Upper

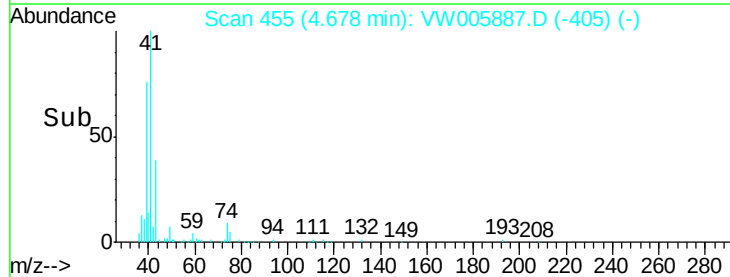
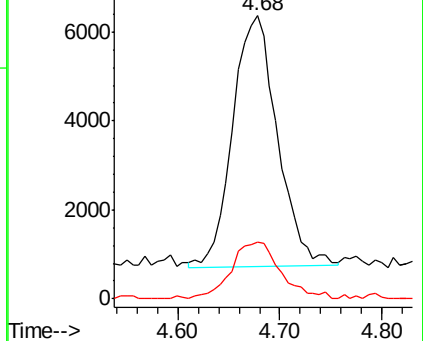
43 100

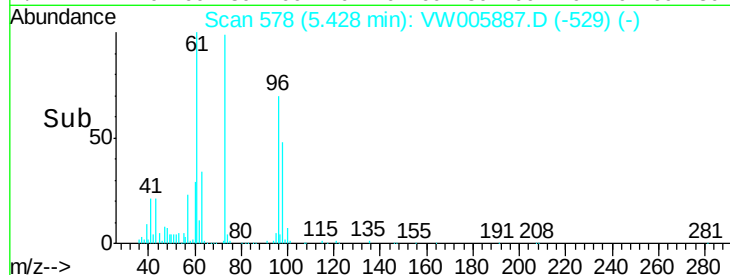
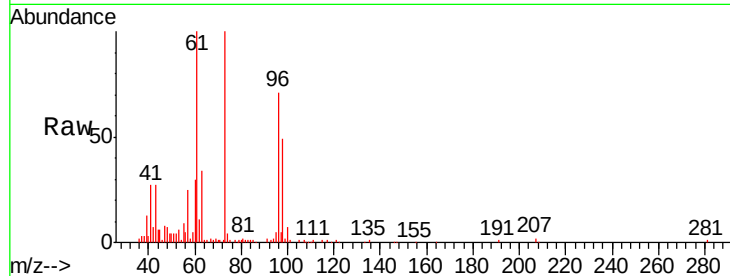
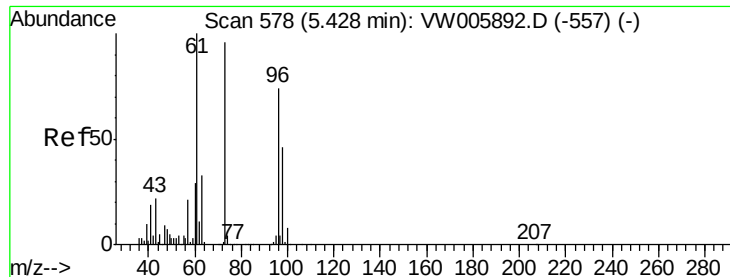
74 24.7 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





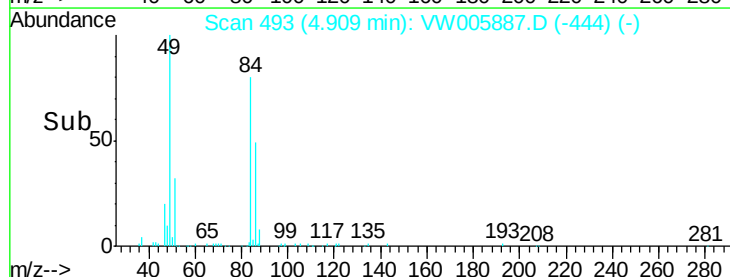
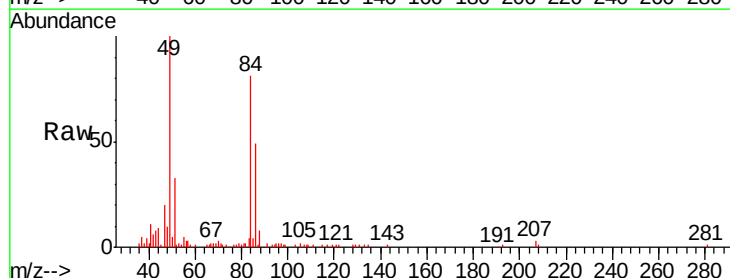
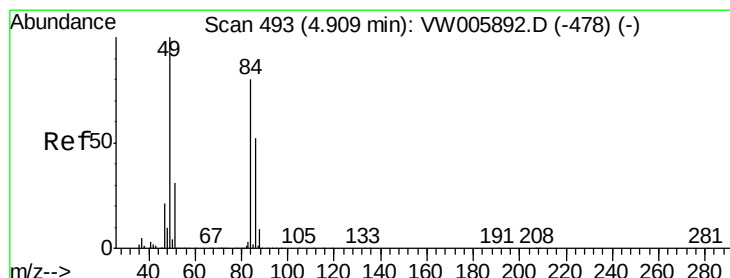
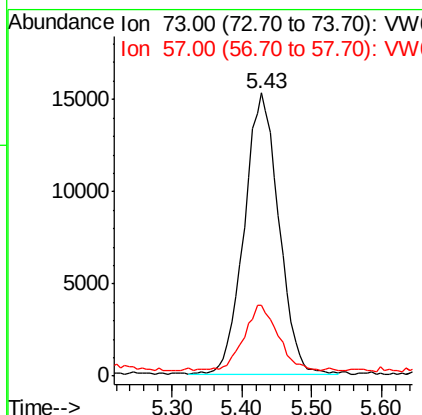
#19
Methyl tert-butyl Ether
Concen: 10.34 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW005887.D
Acq: 08 Oct 2018 10:57

Tgt Ion: 73 Resp: 52212
Ion Ratio Lower Upper
73 100
57 23.5 17.7 26.5

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

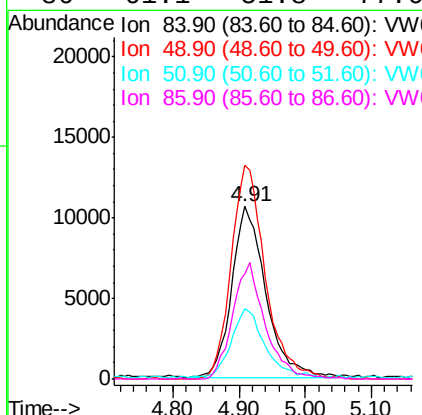
Manual Integrations
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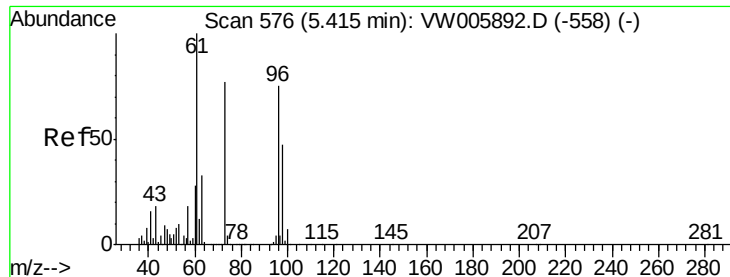
apatel
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#20
Methylene Chloride
Concen: 10.55 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW005887.D
Acq: 08 Oct 2018 10:57

Tgt Ion: 84 Resp: 37807
Ion Ratio Lower Upper
84 100
49 124.9 99.9 149.9
51 39.9 31.1 46.7
86 61.1 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 9.87 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW005887.D

Acq: 08 Oct 2018 10:57

Instrument :

MSVOA_W

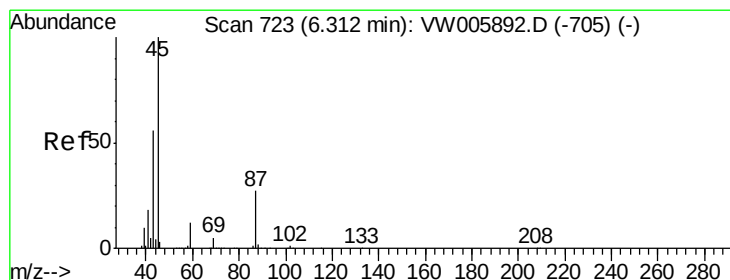
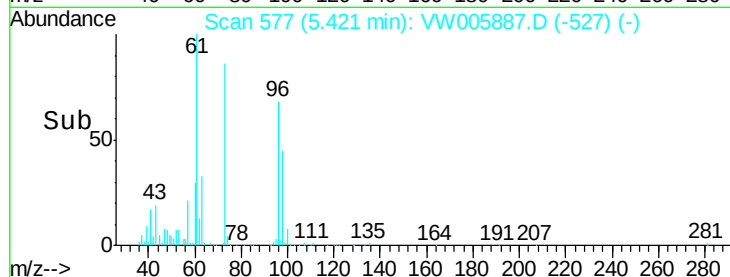
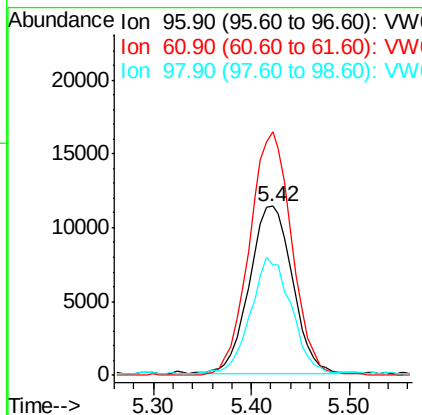
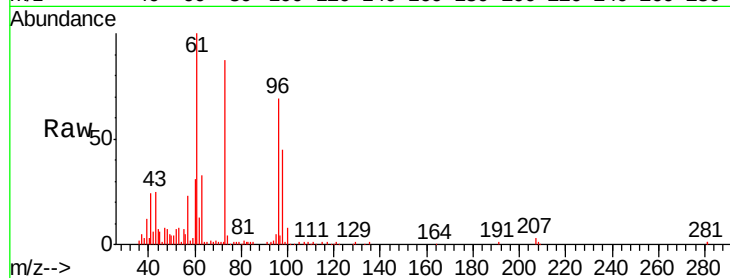
ClientSampleId :

VSTDIC010

Tgt Ion:	96	Resp:	34929
Ion	Ratio	Lower	Upper
96	100		
61	145.3	107.4	161.0
98	64.8	50.8	76.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 10.26 ug/l

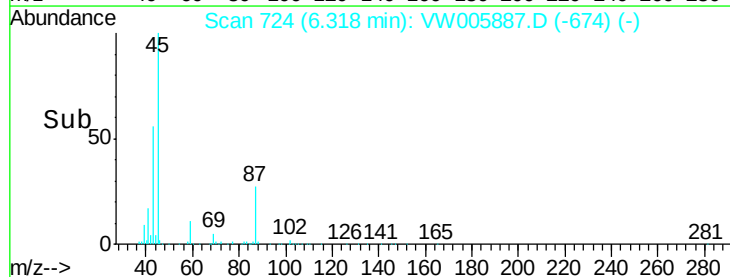
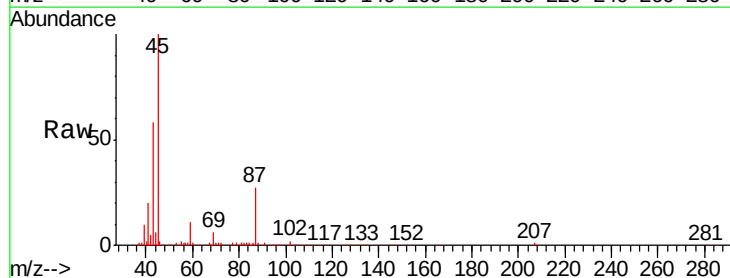
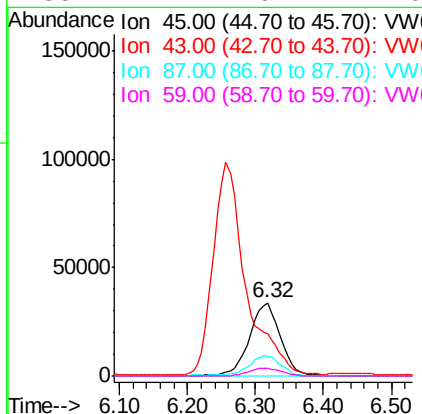
RT: 6.32 min Scan# 724

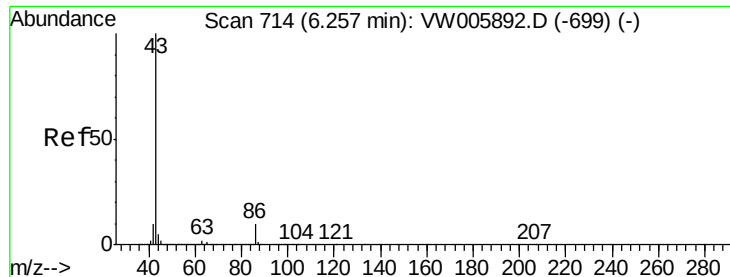
Delta R.T. 0.01 min

Lab File: VW005887.D

Acq: 08 Oct 2018 10:57

Tgt Ion:	45	Resp:	106211
Ion	Ratio	Lower	Upper
45	100		
43	54.8	45.9	68.9
87	26.7	22.2	33.4
59	11.1	9.4	14.0





#23

Vinyl Acetate

Concen: 51.15 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW005887.D

Acq: 08 Oct 2018 10:57

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tgt Ion: 43 Resp: 325801

Ion Ratio Lower Upper

43 100

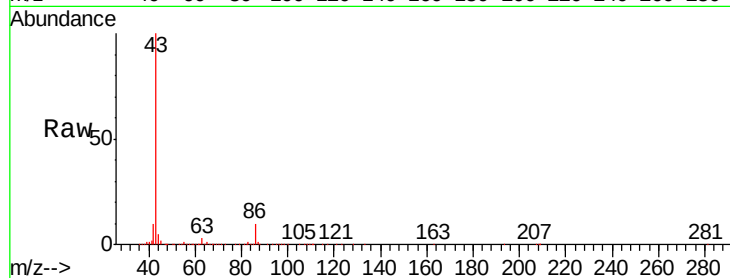
86 9.9 8.2 12.4

Manual Integrations

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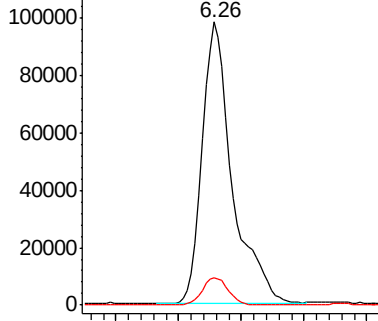
apatel

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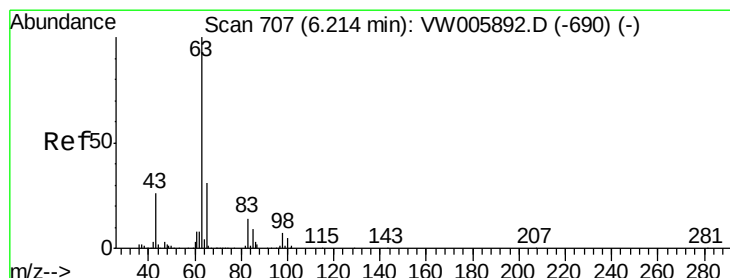
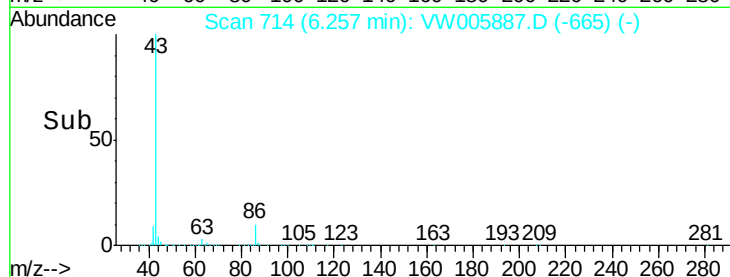


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 10.19 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW005887.D

Acq: 08 Oct 2018 10:57

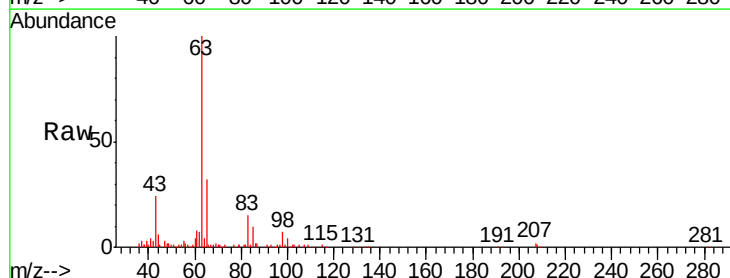
Tgt Ion: 63 Resp: 64528

Ion Ratio Lower Upper

63 100

98 6.1 3.5 10.6

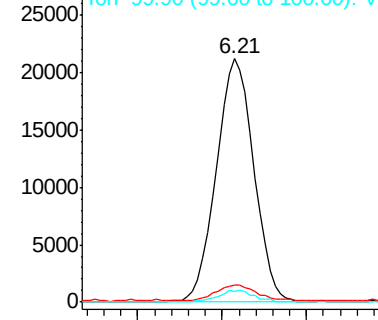
100 4.4 2.4 7.1



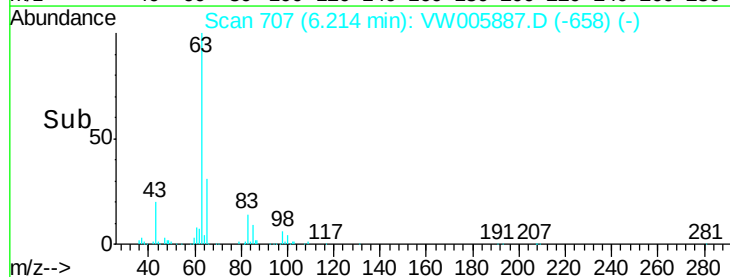
Abundance Ion 62.90 (62.60 to 63.60): VW

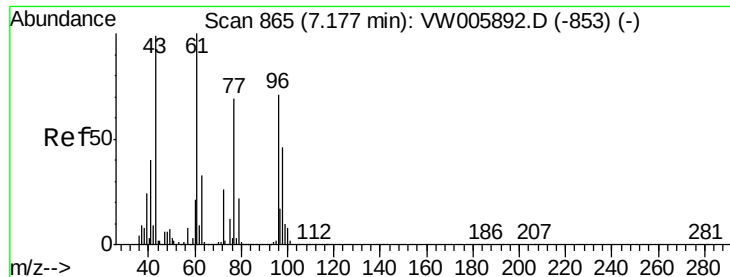
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->





#25

2-Butanone

Concen: 53.00 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005887.D

Acq: 08 Oct 2018 10:57

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tgt Ion: 43 Resp: 53910

Ion Ratio Lower Upper

43 100

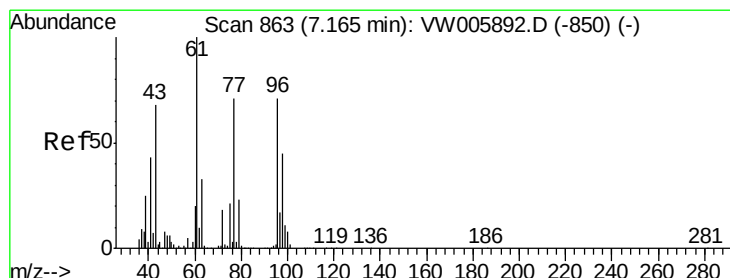
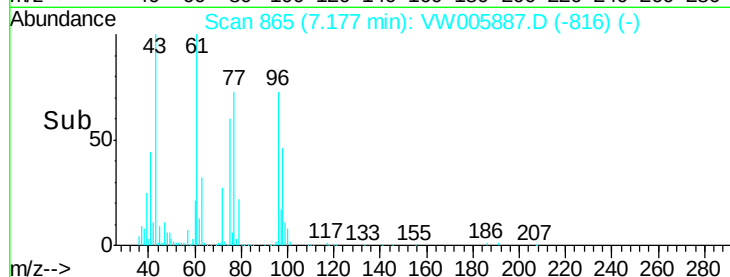
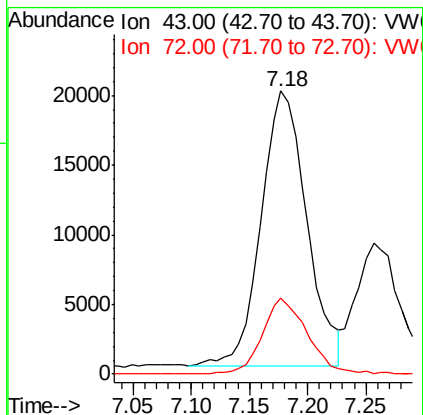
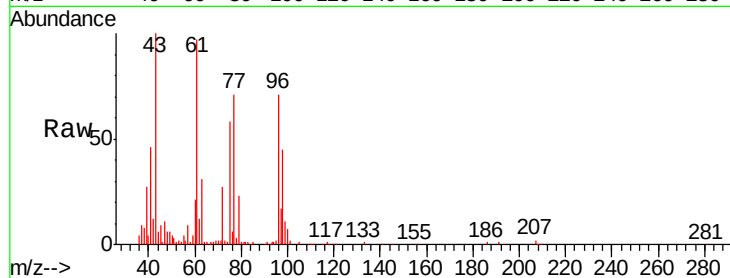
72 27.5 21.0 31.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 10.69 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW005887.D

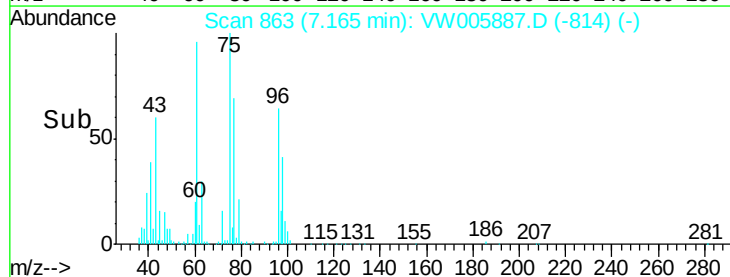
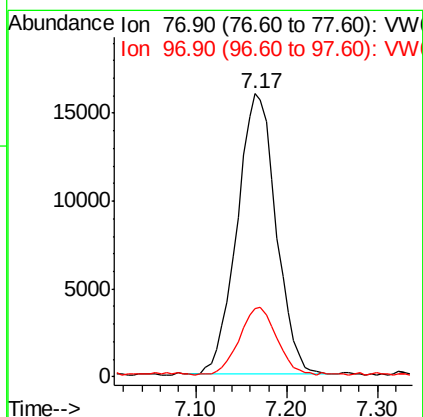
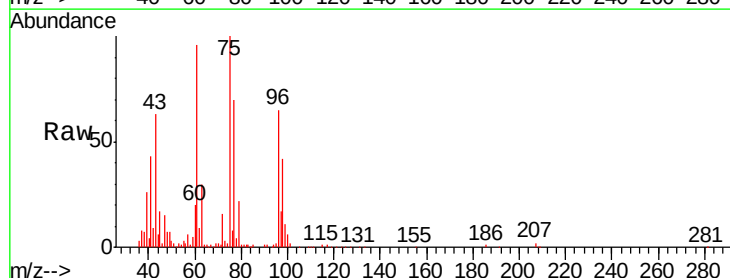
Acq: 08 Oct 2018 10:57

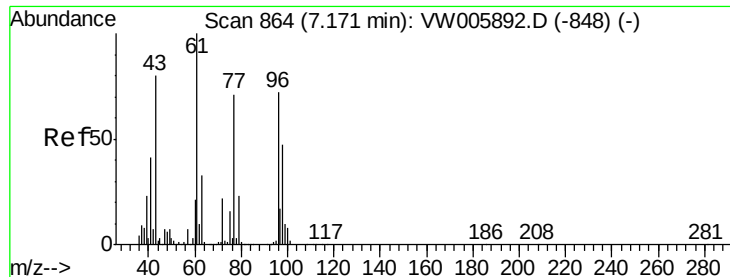
Tgt Ion: 77 Resp: 47663

Ion Ratio Lower Upper

77 100

97 23.0 11.9 35.7





#27

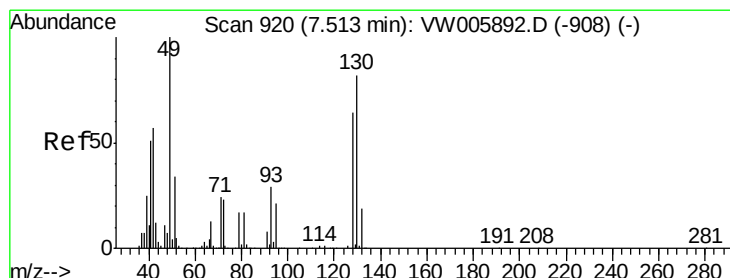
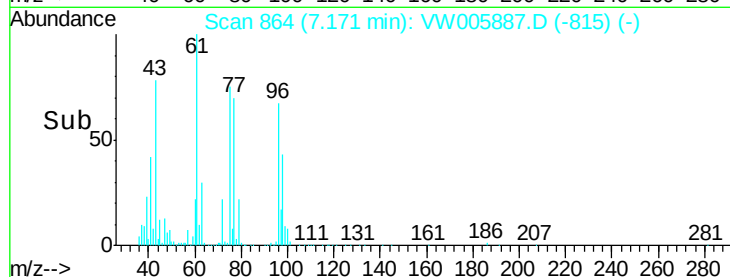
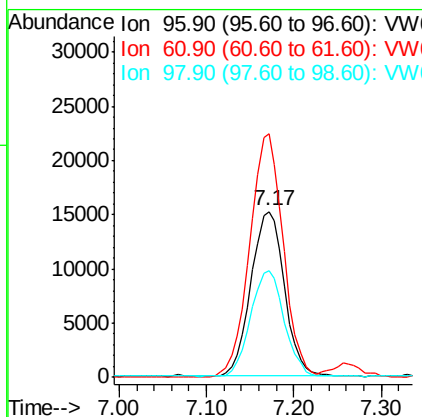
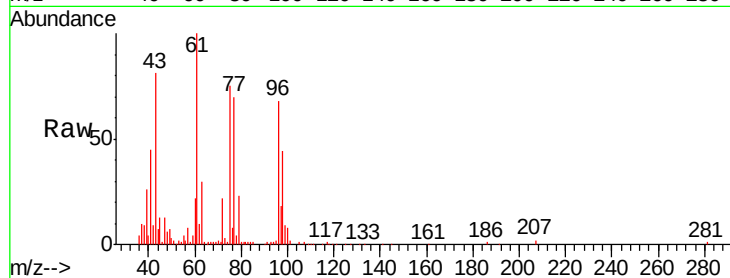
cis-1,2-Dichloroethene
Concen: 10.17 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW005887.D
Acq: 08 Oct 2018 10:57

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.1	0.0	284.0
98	64.6	0.0	129.8

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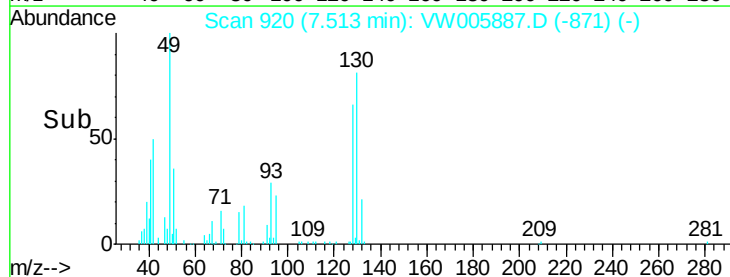
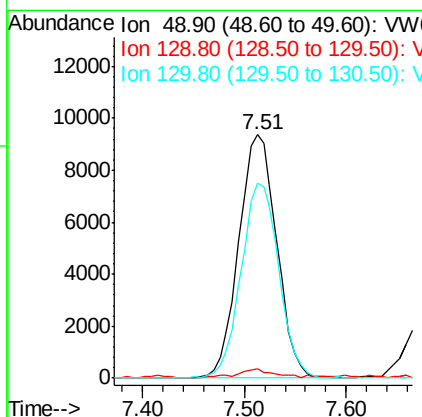
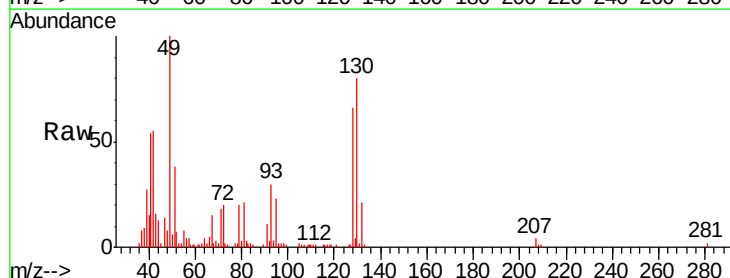
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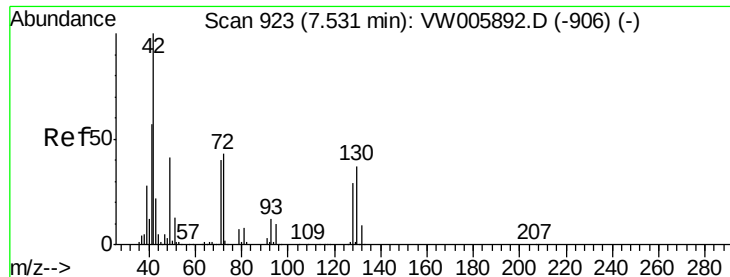


#28

Bromochloromethane
Concen: 10.33 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW005887.D
Acq: 08 Oct 2018 10:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.8	0.0	5.0
130	79.8	66.9	100.3





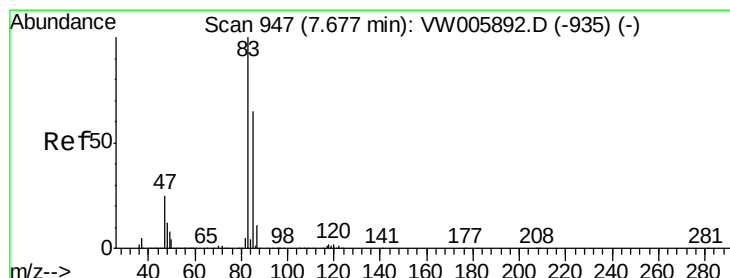
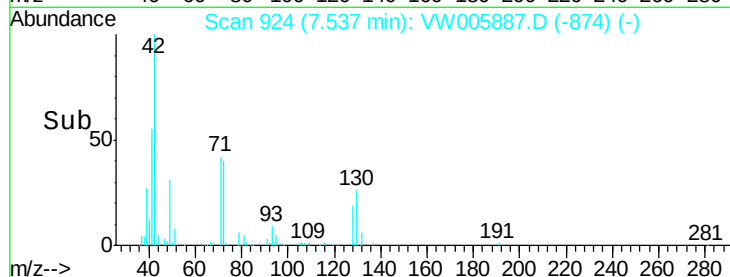
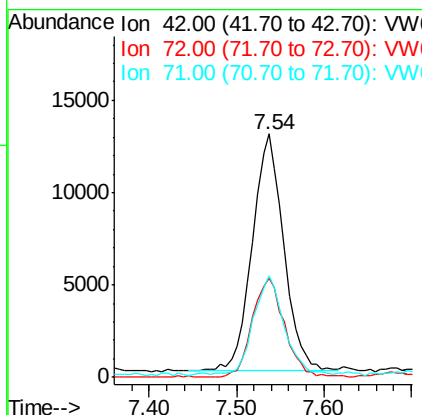
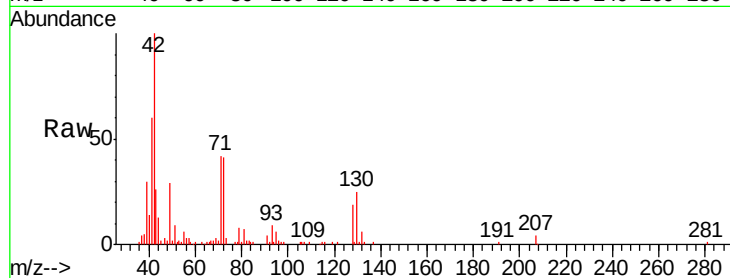
#29
Tetrahydrofuran
Concen: 50.04 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW005887.D
Acq: 08 Oct 2018 10:57

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.0	34.6	51.8
71	39.8	32.6	49.0

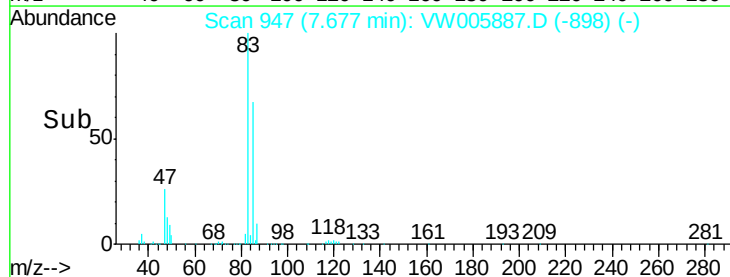
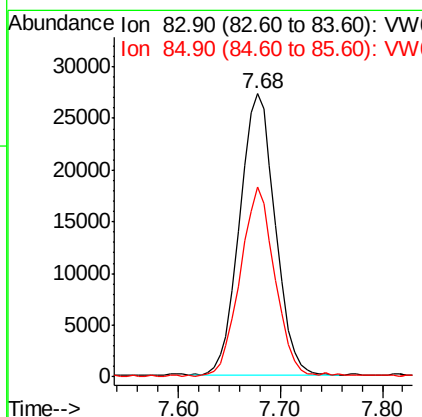
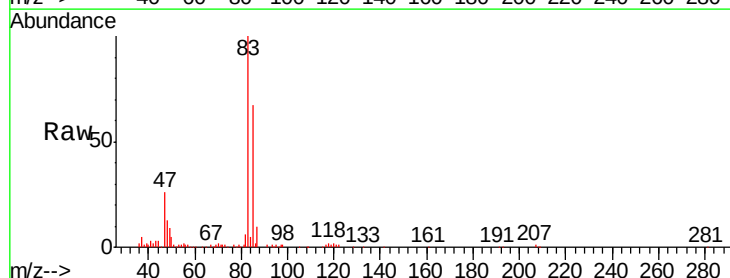
Manual Integrations
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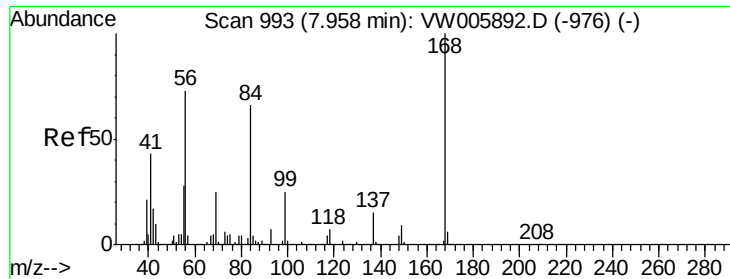
apatel
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#30
Chloroform
Concen: 10.14 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW005887.D
Acq: 08 Oct 2018 10:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.0	51.6	77.4





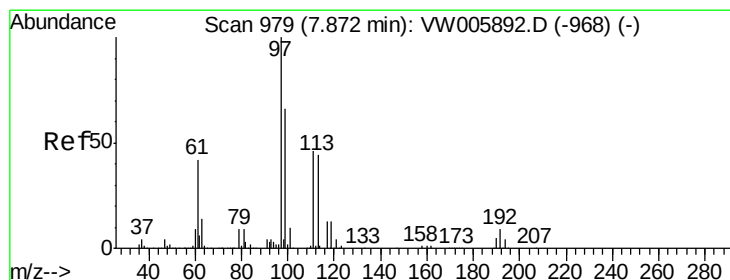
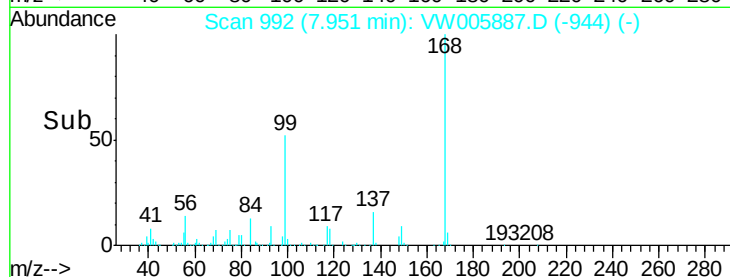
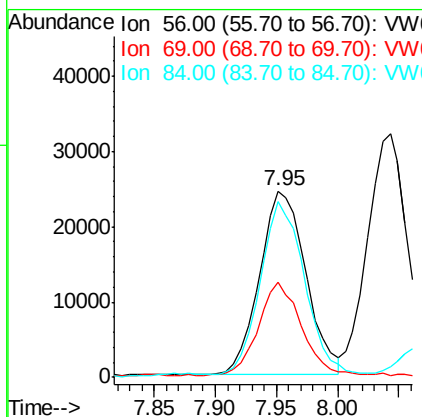
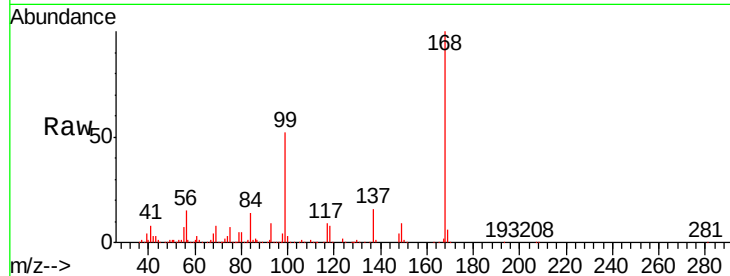
#31
Cyclohexane
Concen: 10.33 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005887.D
Acq: 08 Oct 2018 10:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
56	100		
69	50.6	27.9	41.9#
84	93.4	72.3	108.5

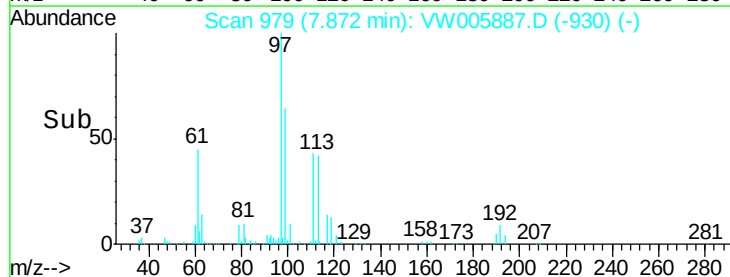
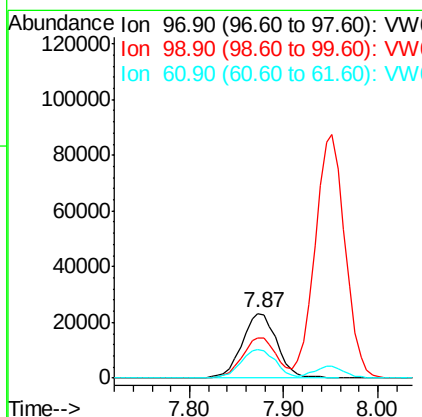
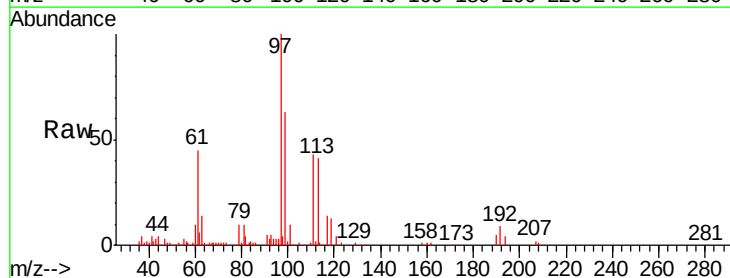
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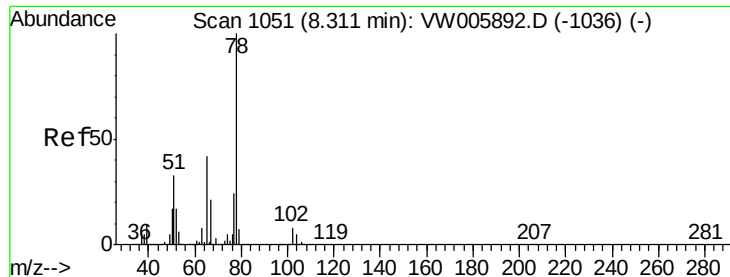
apatel
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#32
1,1,1-Trichloroethane
Concen: 10.28 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW005887.D
Acq: 08 Oct 2018 10:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.5	51.6	77.4
61	44.3	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 10.31 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW005887.D

Acq: 08 Oct 2018 10:57

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tgt Ion: 65 Resp: 36895

Ion Ratio Lower Upper

65 100

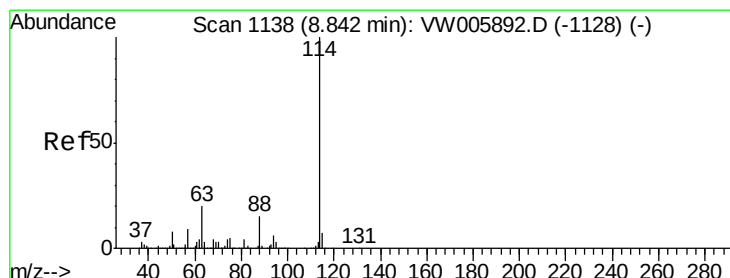
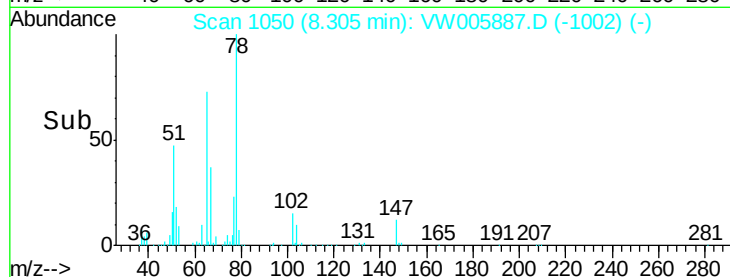
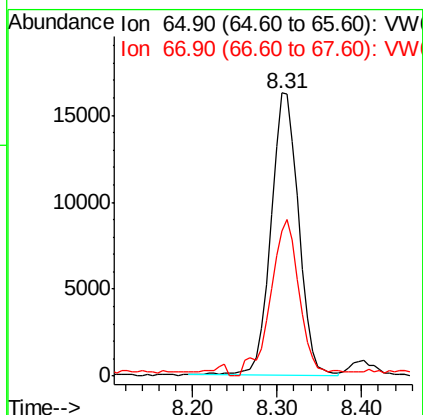
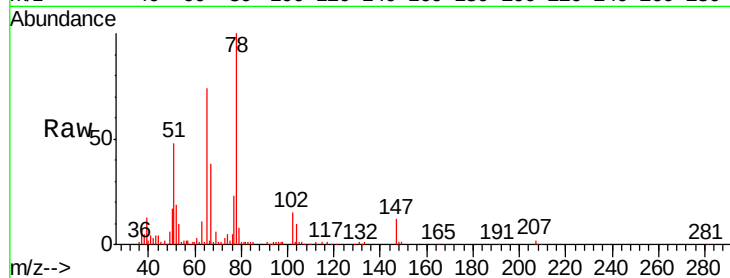
67 58.9 0.0 104.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW005887.D

Acq: 08 Oct 2018 10:57

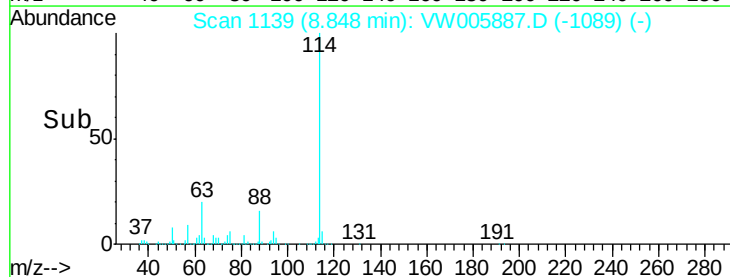
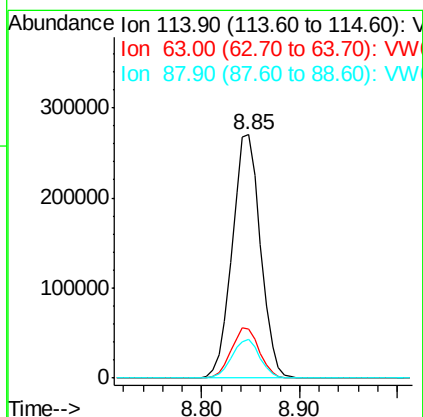
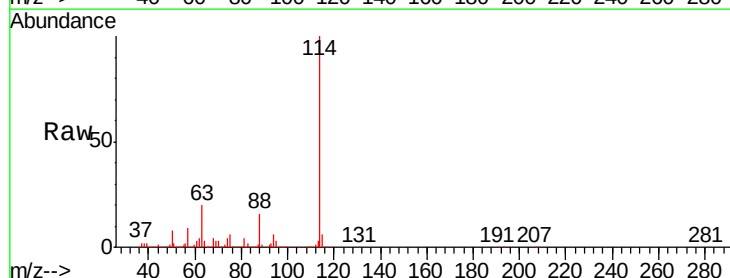
Tgt Ion: 114 Resp: 540699

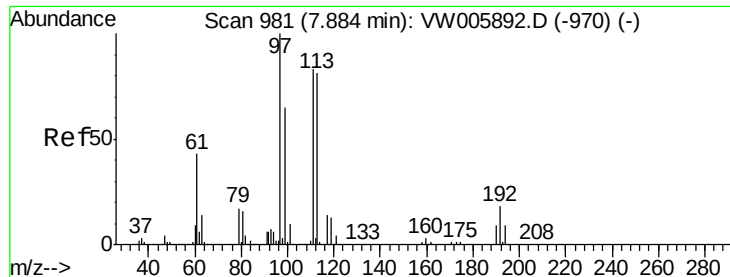
Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.2

88 15.8 0.0 30.8





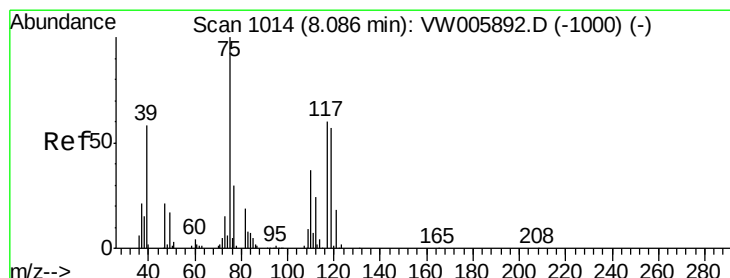
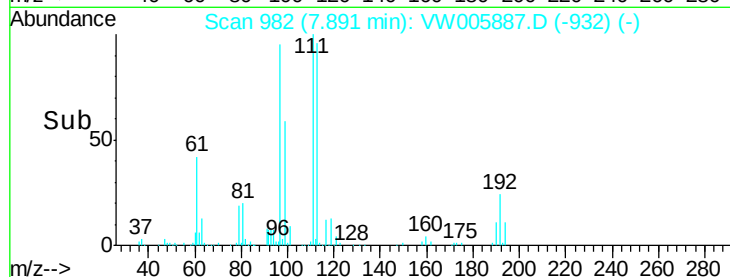
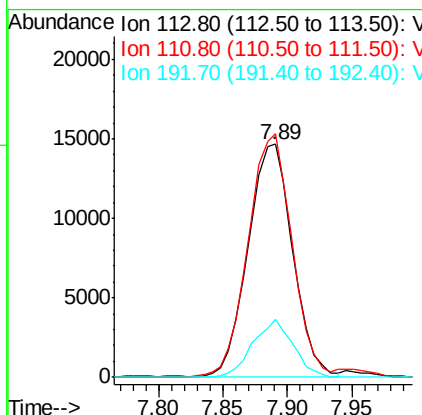
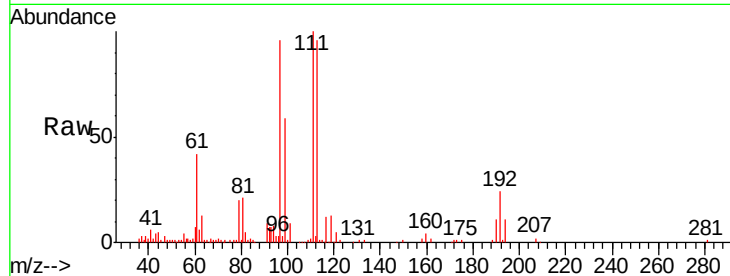
#35
 Dibromofluoromethane
 Concen: 10.22 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005887.D
 Acq: 08 Oct 2018 10:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	35275		
111	102.7	82.0	123.0	
192	22.5	18.3	27.5	

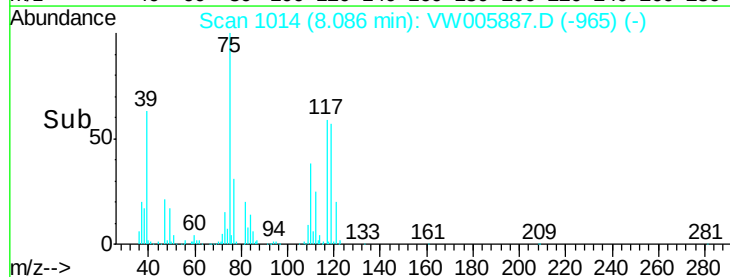
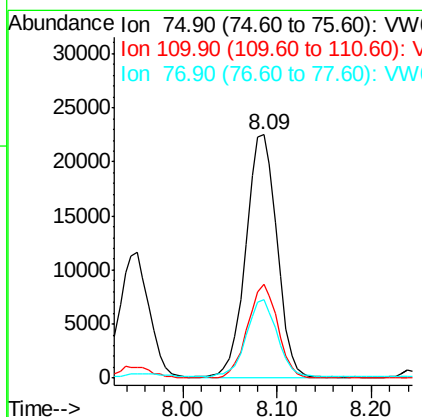
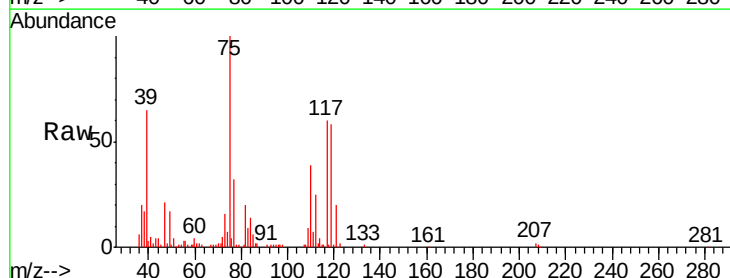
Manual Integrations
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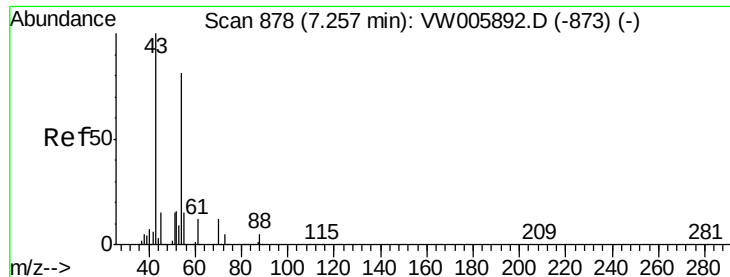
apatel
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#36
 1,1-Dichloropropene
 Concen: 10.07 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW005887.D
 Acq: 08 Oct 2018 10:57

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	52196		
110	37.3	18.6	56.0	
77	30.7	24.7	37.1	





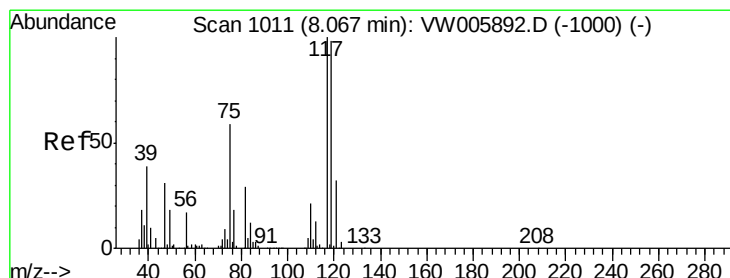
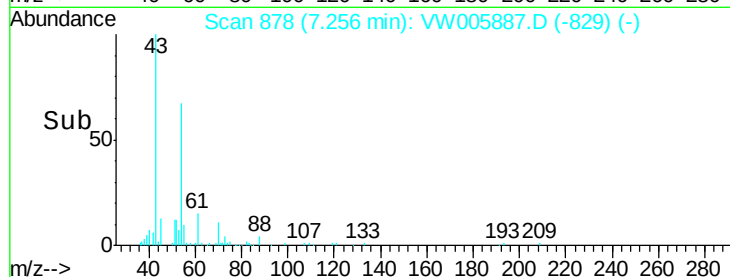
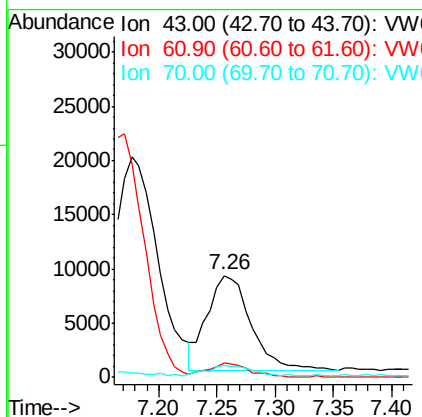
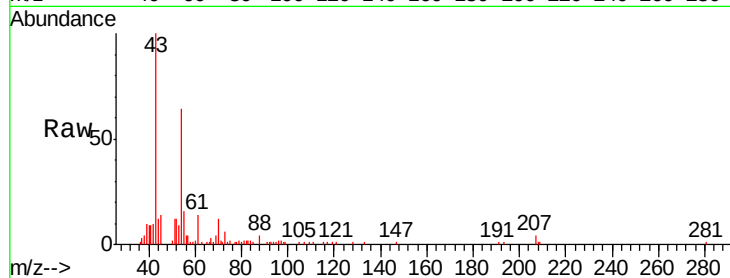
#37
Ethyl Acetate
Concen: 10.43 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW005887.D
Acq: 08 Oct 2018 10:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.6	16.0
70	11.1	8.6	13.0

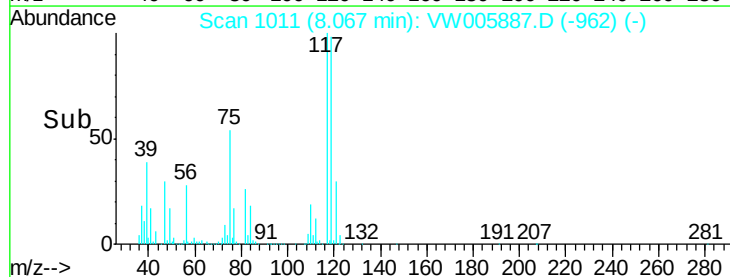
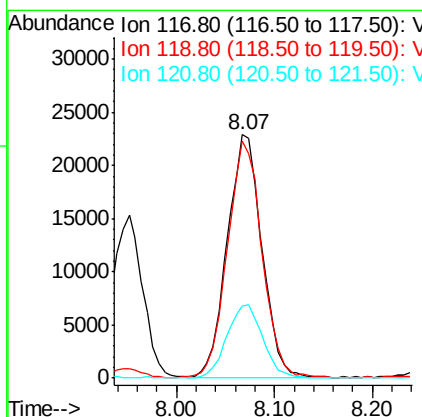
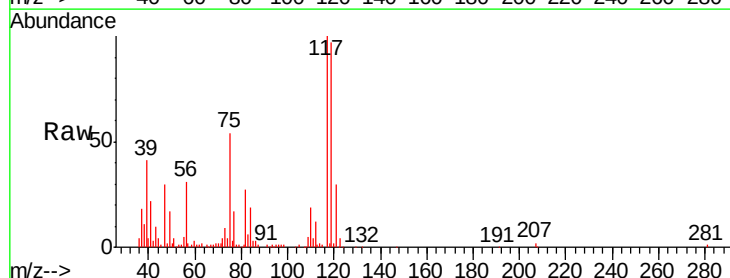
Manual Integrations
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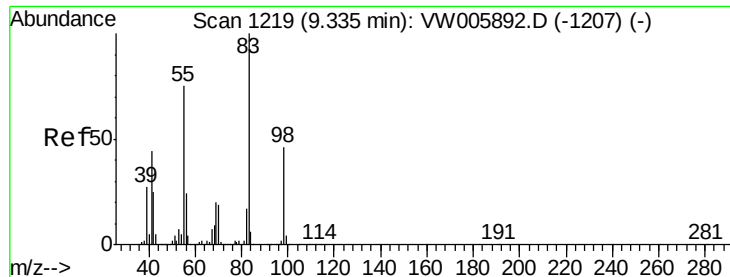
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#38
Carbon Tetrachloride
Concen: 10.02 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW005887.D
Acq: 08 Oct 2018 10:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	78.6	117.8
121	30.0	25.3	37.9





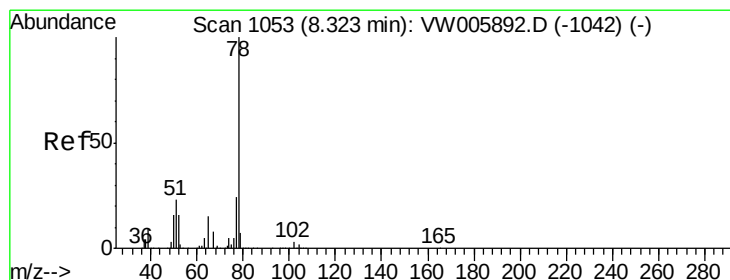
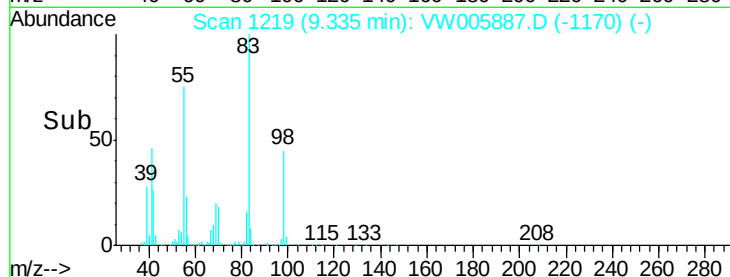
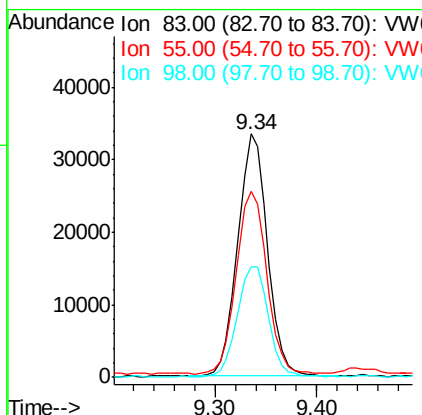
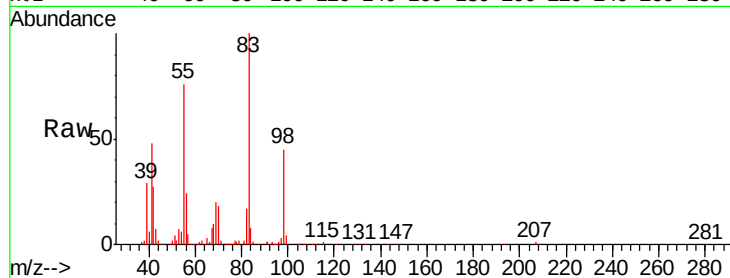
#39
Methylcyclohexane
Concen: 9.85 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW005887.D
Acq: 08 Oct 2018 10:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.1	59.8	89.6
98	45.1	37.1	55.7

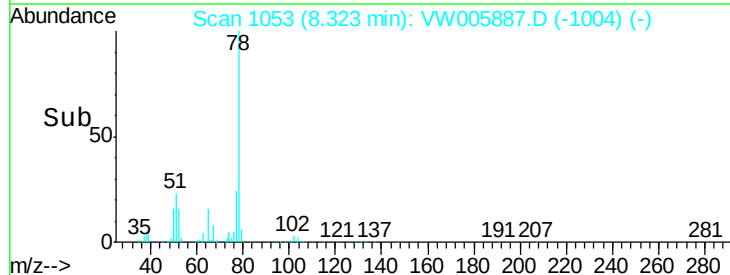
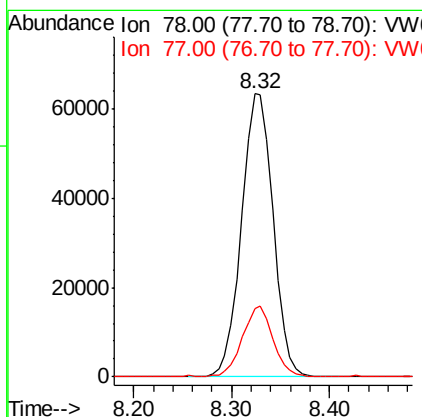
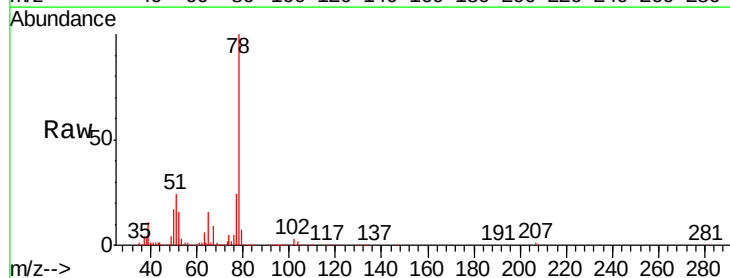
Manual Integrations
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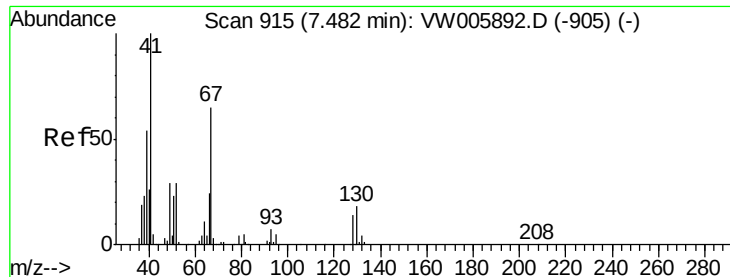
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#40
Benzene
Concen: 10.03 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW005887.D
Acq: 08 Oct 2018 10:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.1	28.7





#41

Methacrylonitrile

Concen: 9.99 ug/l

RT: 7.49 min Scan# 917

Delta R.T. 0.01 min

Lab File: VW005887.D

Acq: 08 Oct 2018 10:57

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tgt Ion: 41 Resp: 13729

Ion Ratio Lower Upper

41 100

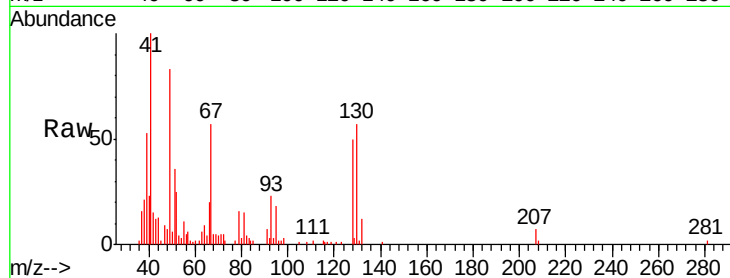
39 61.2 45.0 67.4

67 71.6 55.8 83.8

52 33.0 25.3 37.9

Manual Integrations
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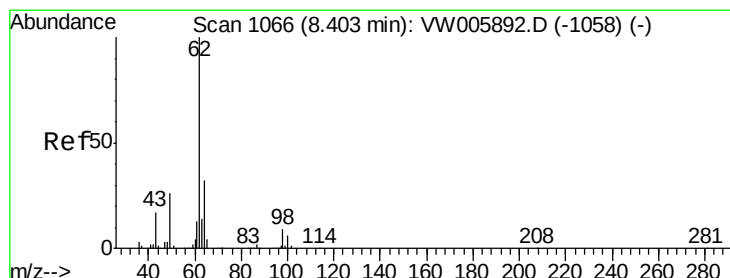
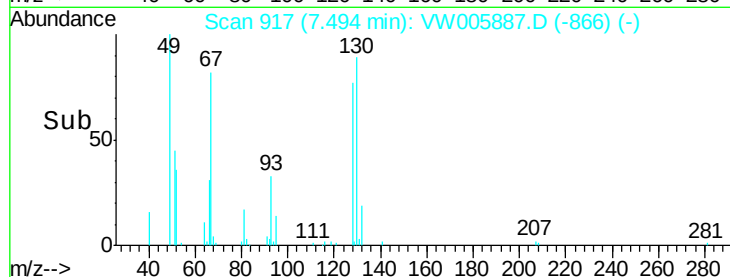
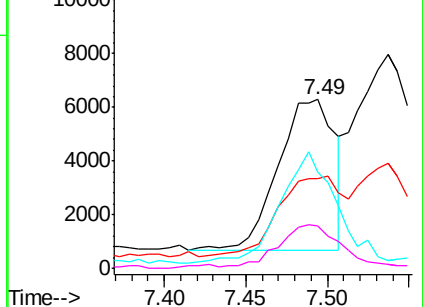


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 10.06 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW005887.D

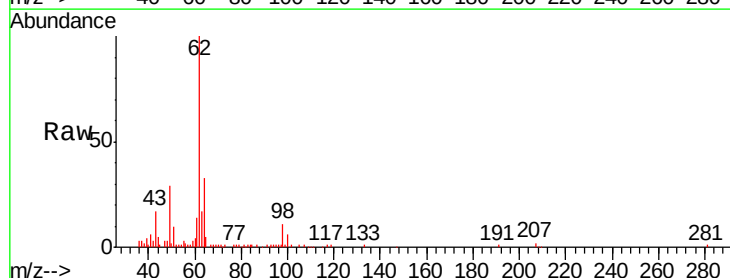
Acq: 08 Oct 2018 10:57

Tgt Ion: 62 Resp: 43098

Ion Ratio Lower Upper

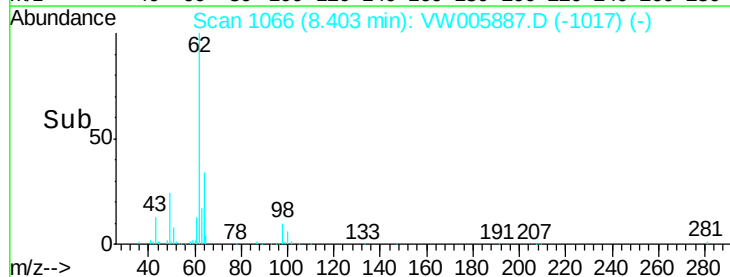
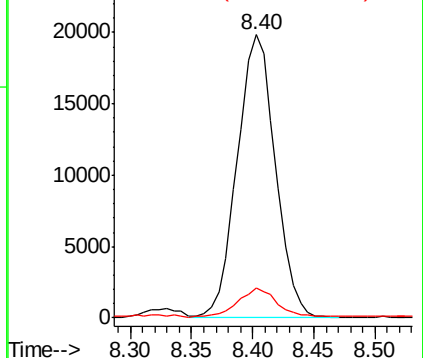
62 100

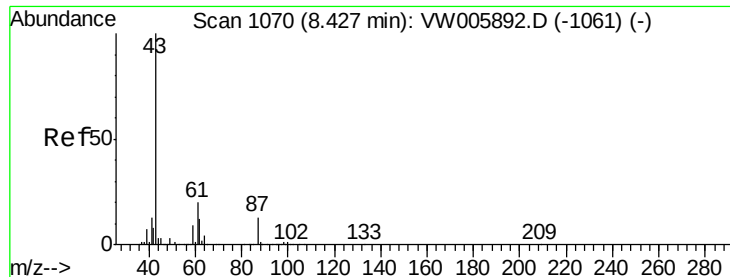
98 10.0 0.0 18.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 9.86 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW005887.D

Acq: 08 Oct 2018 10:57

Instrument :

MSVOA_W

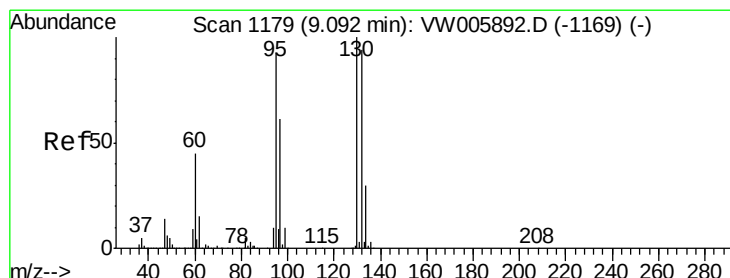
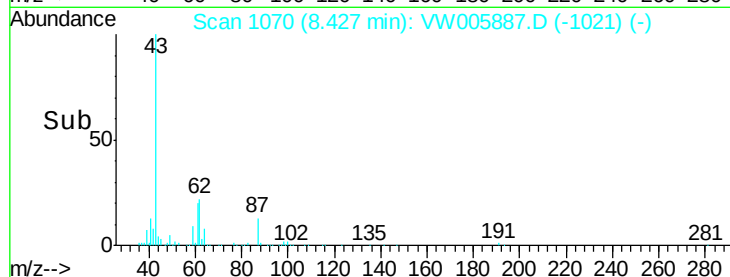
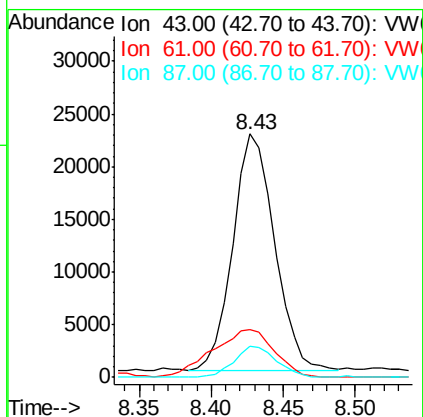
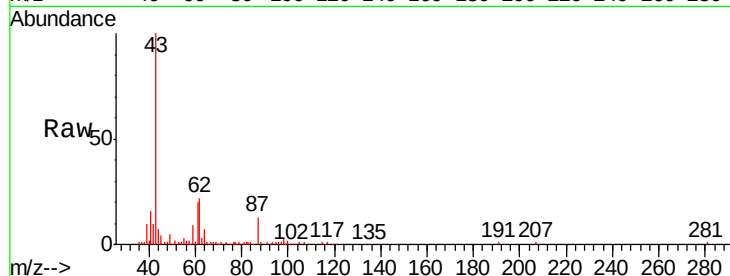
ClientSampleId :

VSTDIC010

Tgt Ion:	43	Resp:	45187
Ion	Ratio	Lower	Upper
43	100		
61	30.1	23.1	34.7
87	13.4	10.7	16.1

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#44

Trichloroethene

Concen: 9.90 ug/l

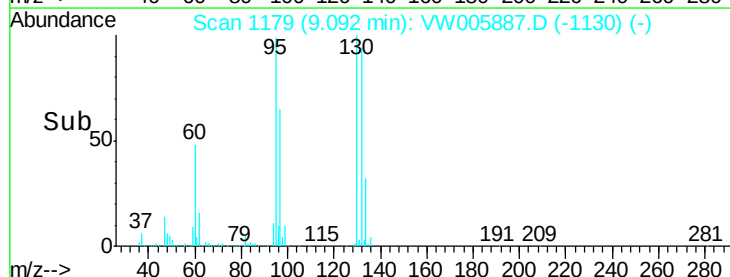
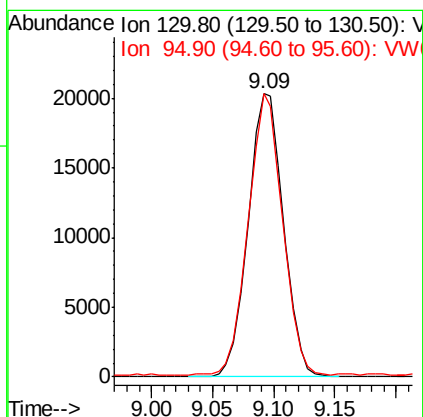
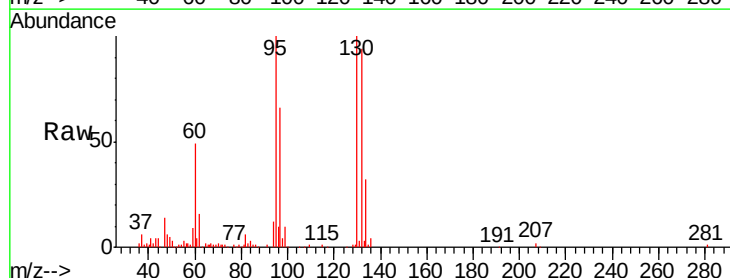
RT: 9.09 min Scan# 1179

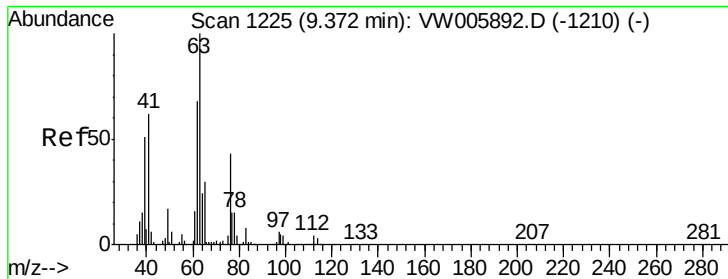
Delta R.T. -0.00 min

Lab File: VW005887.D

Acq: 08 Oct 2018 10:57

Tgt Ion:	130	Resp:	40749
Ion	Ratio	Lower	Upper
130	100		
95	99.2	0.0	185.6





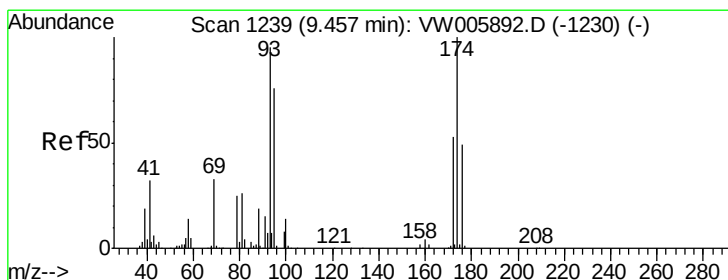
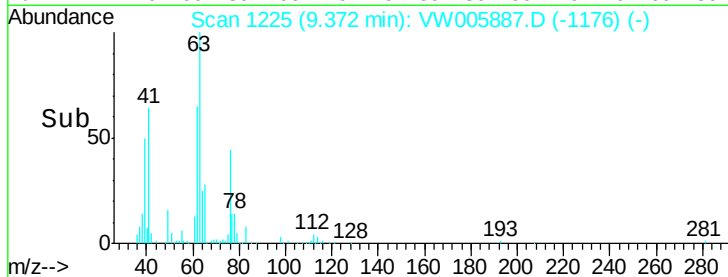
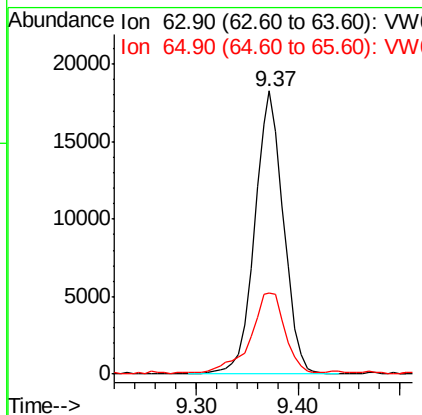
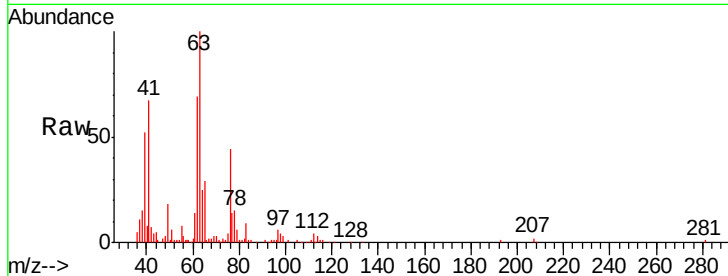
#45
 1,2-Dichloropropane
 Concen: 10.08 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW005887.D
 Acq: 08 Oct 2018 10:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion	Ratio	Lower	Upper
63	100		
65	28.3	24.3	36.5

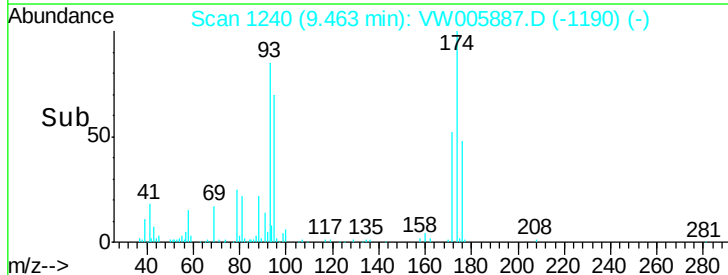
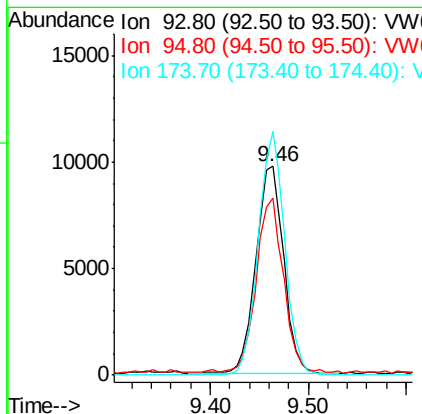
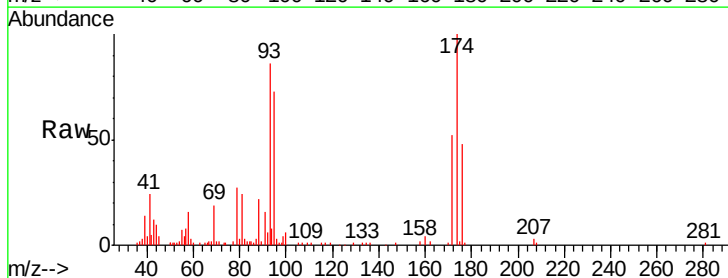
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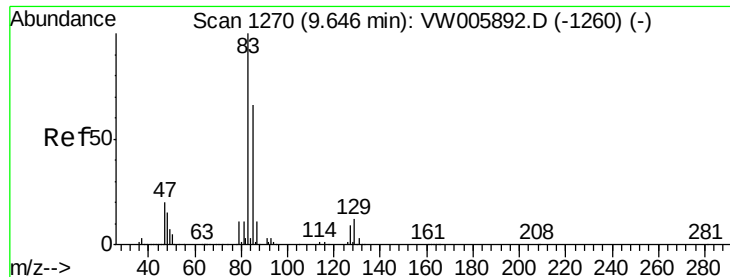
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#46
 Dibromomethane
 Concen: 9.91 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: VW005887.D
 Acq: 08 Oct 2018 10:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.8	66.6	99.8
174	111.6	90.4	135.6





#47

Bromodichloromethane

Concen: 10.12 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW005887.D

Acq: 08 Oct 2018 10:57

Instrument :

MSVOA_W

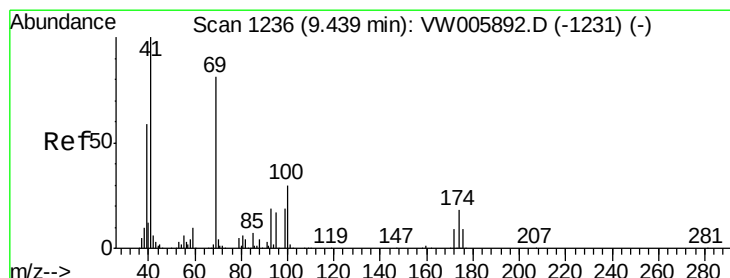
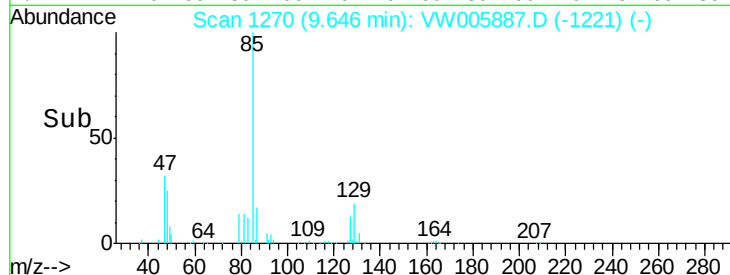
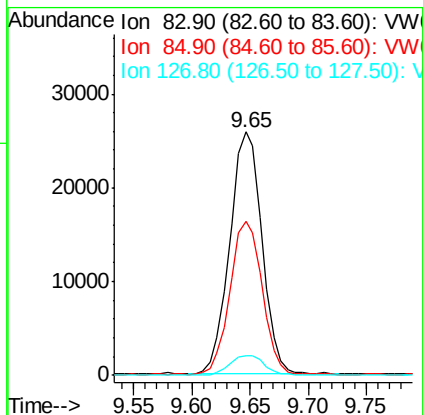
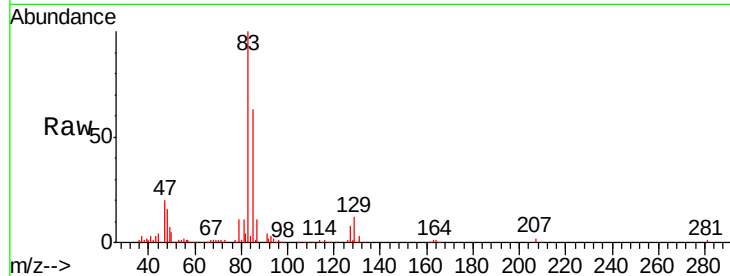
ClientSampleId :

VSTDIC010

Tgt Ion:	83	Resp:	49683
Ion	Ratio	Lower	Upper
83	100		
85	63.4	53.0	79.6
127	7.9	7.4	11.0

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#48

Methyl methacrylate

Concen: 9.85 ug/l

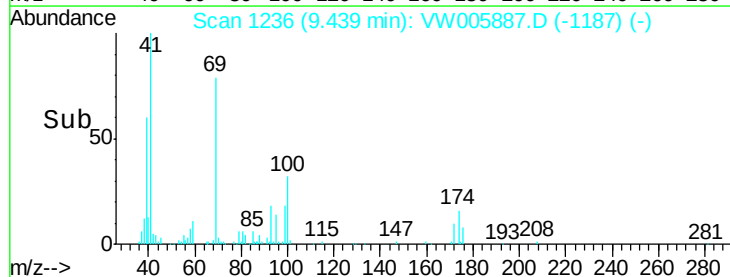
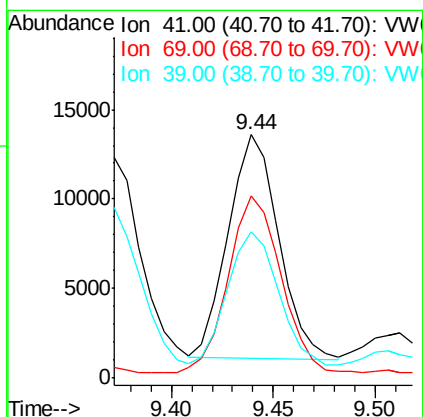
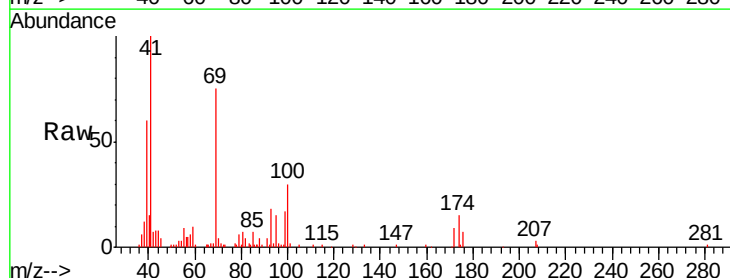
RT: 9.44 min Scan# 1236

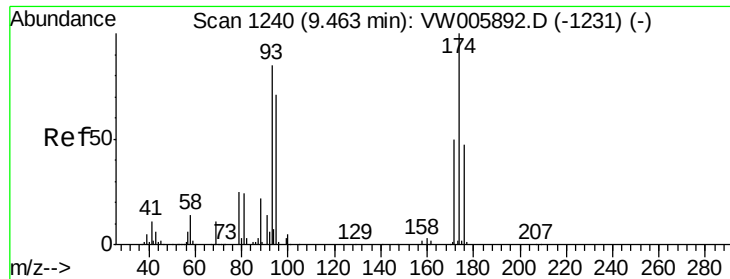
Delta R.T. -0.00 min

Lab File: VW005887.D

Acq: 08 Oct 2018 10:57

Tgt Ion:	41	Resp:	21508
Ion	Ratio	Lower	Upper
41	100		
69	82.7	68.7	103.1
39	65.6	50.0	75.0





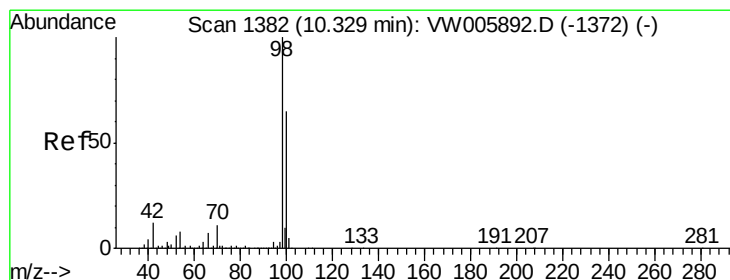
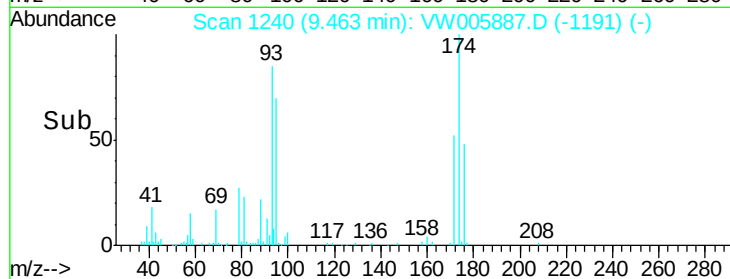
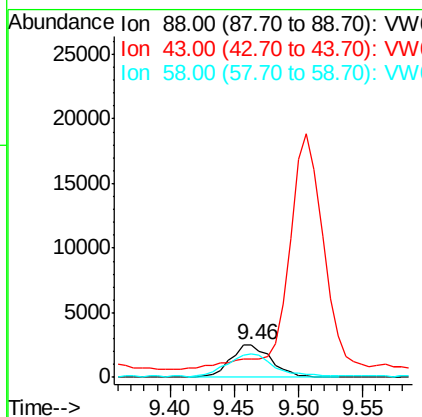
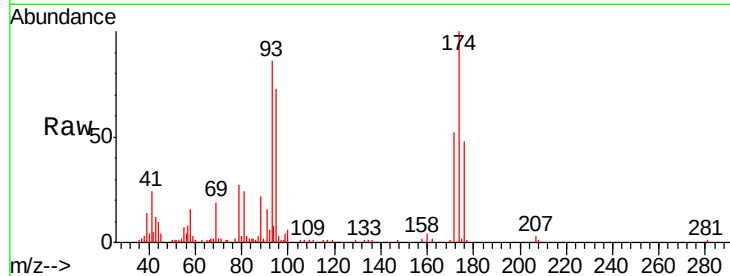
#49
1,4-Dioxane
Concen: 188.55 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VW005887.D
Acq: 08 Oct 2018 10:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	86.5	57.7	86.5

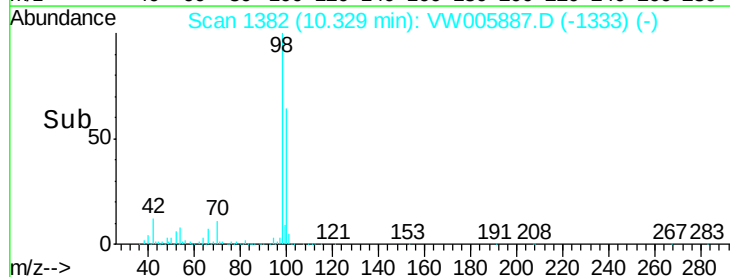
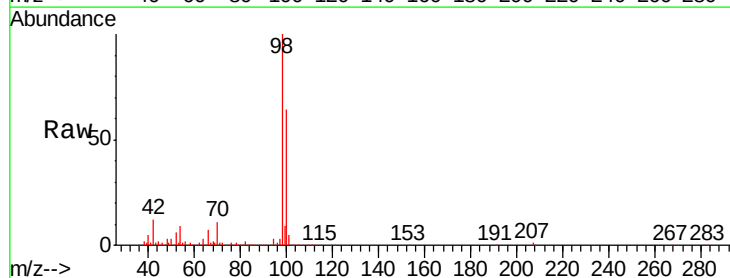
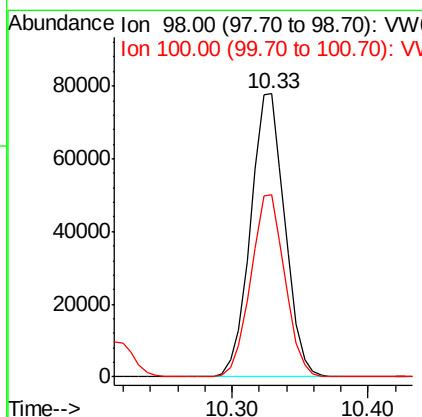
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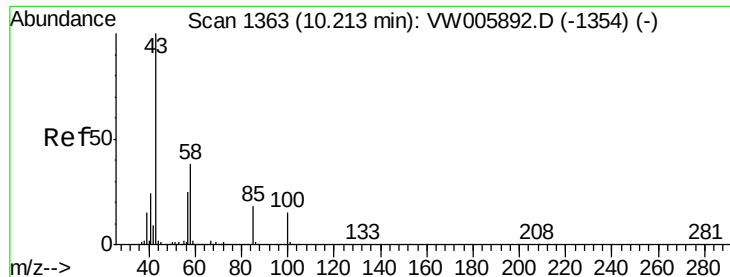
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#50
Toluene-d8
Concen: 10.33 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005887.D
Acq: 08 Oct 2018 10:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.9	77.9





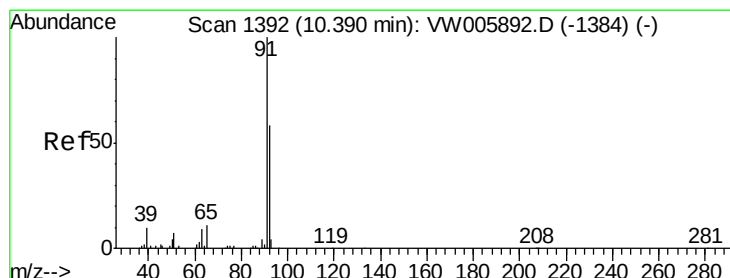
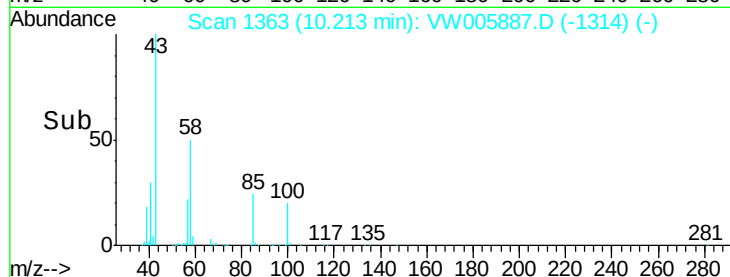
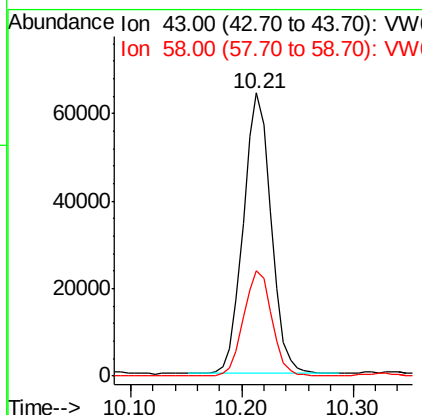
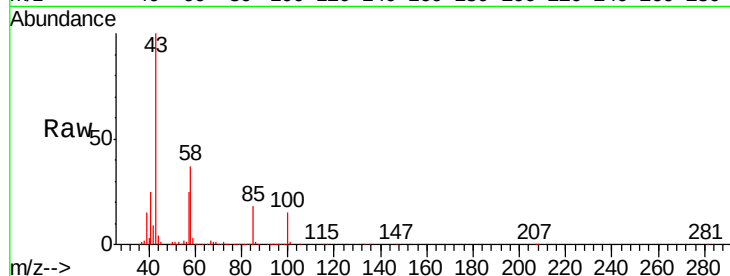
#51
 4-Methyl-2-Pentanone
 Concen: 50.01 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW005887.D
 Acq: 08 Oct 2018 10:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion: 43 Resp: 111605
 Ion Ratio Lower Upper
 43 100
 58 38.2 30.2 45.4

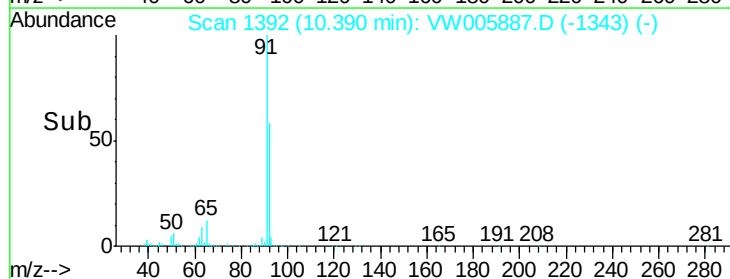
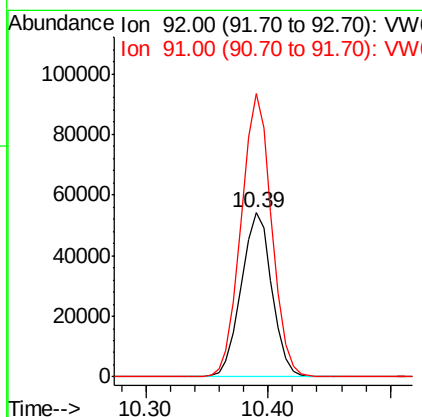
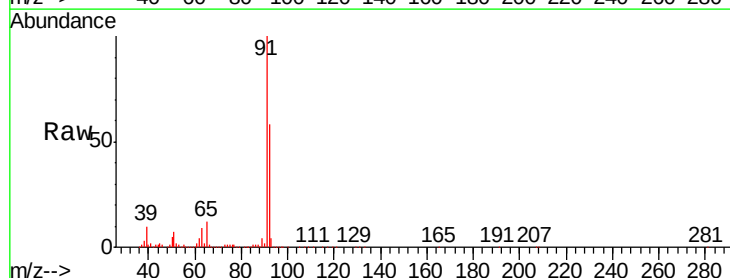
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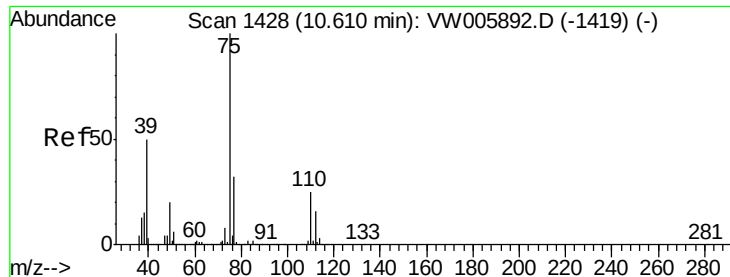
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#52
 Toluene
 Concen: 10.08 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW005887.D
 Acq: 08 Oct 2018 10:57

Tgt Ion: 92 Resp: 93870
 Ion Ratio Lower Upper
 92 100
 91 171.0 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 9.98 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005887.D

Acq: 08 Oct 2018 10:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion: 75 Resp: 51187

Ion Ratio Lower Upper

75 100

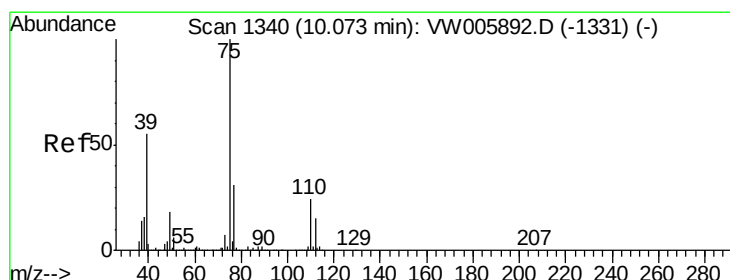
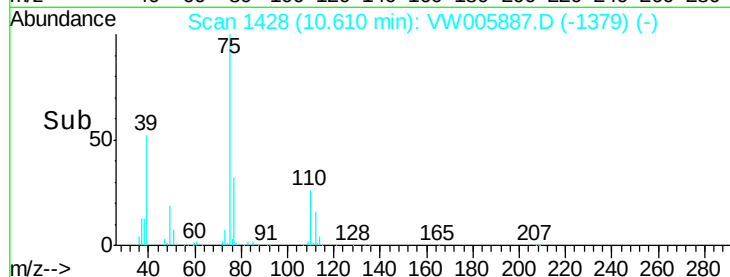
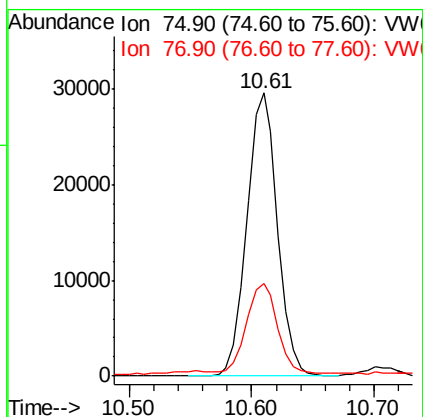
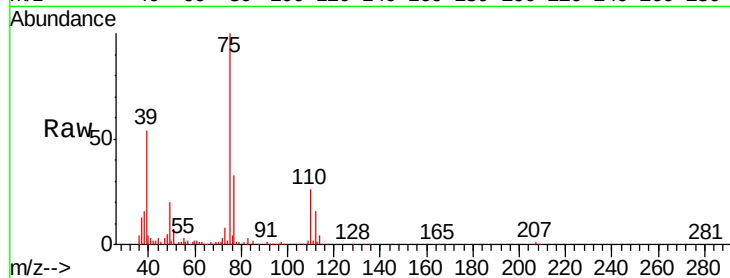
77 31.6 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 10.09 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW005887.D

Acq: 08 Oct 2018 10:57

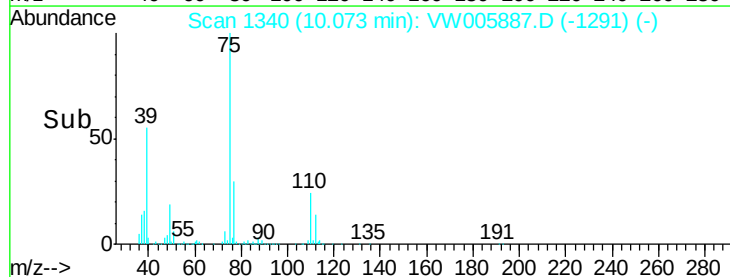
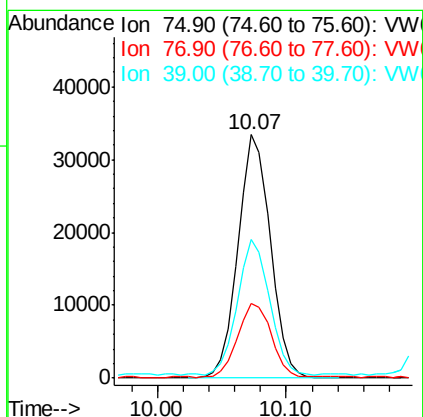
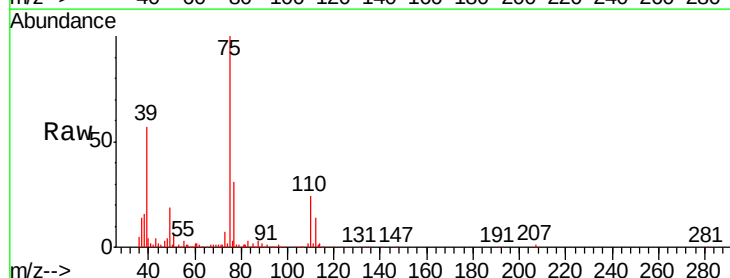
Tgt Ion: 75 Resp: 58190

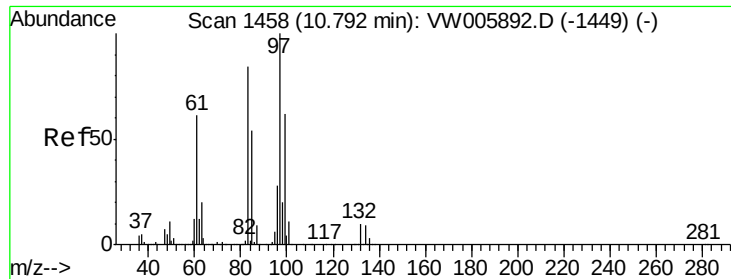
Ion Ratio Lower Upper

75 100

77 30.1 24.6 37.0

39 55.1 44.2 66.4





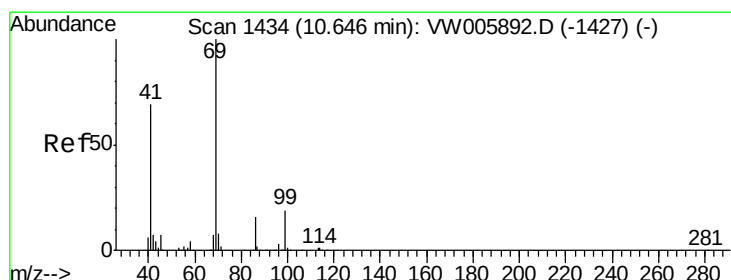
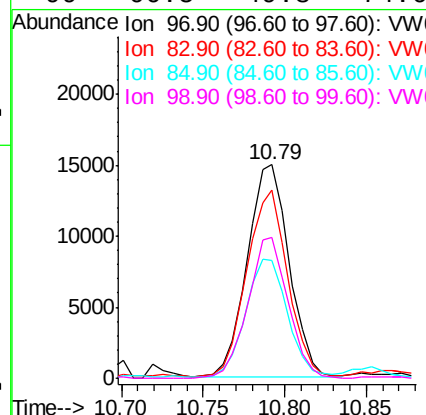
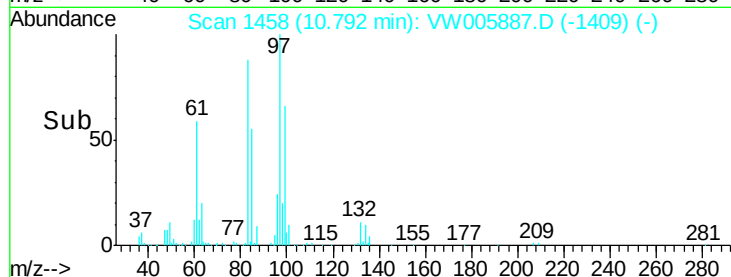
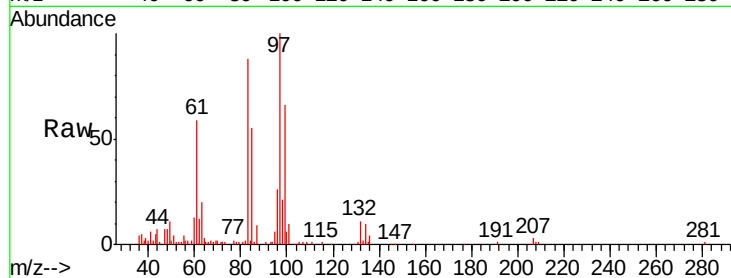
#55
 1,1,2-Trichloroethane
 Concen: 9.88 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005887.D
 Acq: 08 Oct 2018 10:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.9	66.9	100.3
85	55.0	43.4	65.0
99	66.5	49.8	74.6

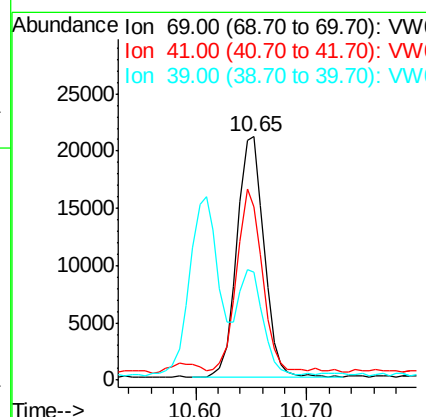
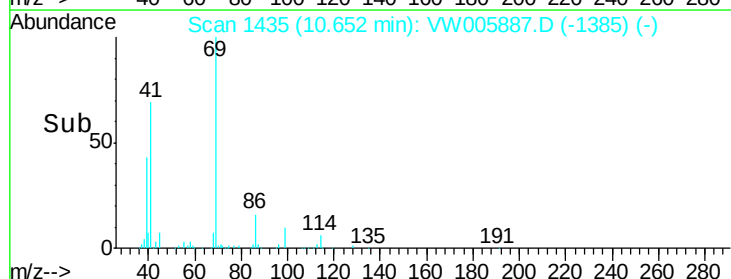
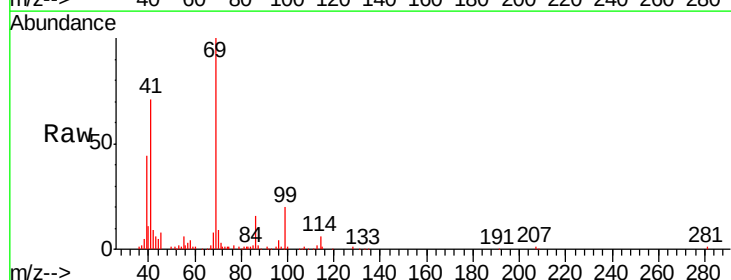
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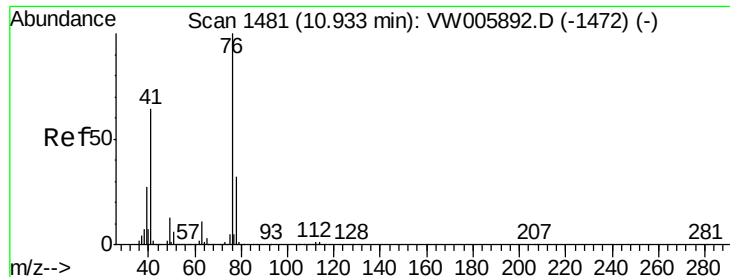
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#56
 Ethyl methacrylate
 Concen: 9.83 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: VW005887.D
 Acq: 08 Oct 2018 10:57

Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.8	56.0	84.0
39	41.4	33.5	50.3





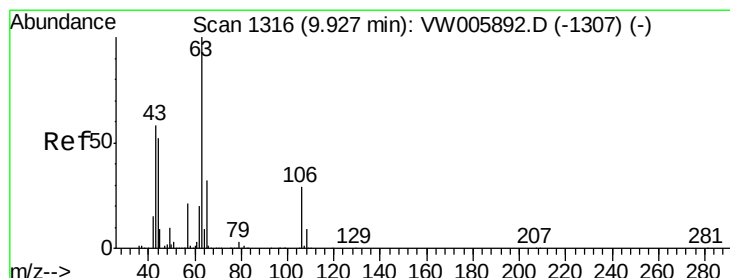
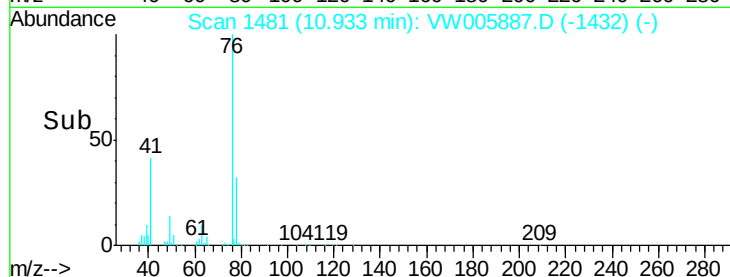
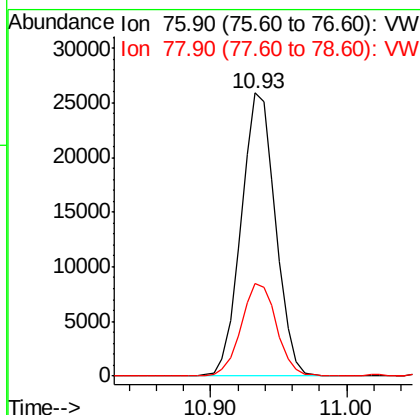
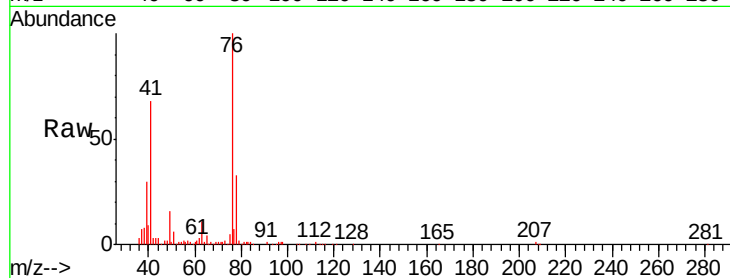
#57
 1,3-Dichloropropane
 Concen: 10.02 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW005887.D
 Acq: 08 Oct 2018 10:57

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tgt Ion: 76 Resp: 45562
 Ion Ratio Lower Upper
 76 100
 78 33.9 25.8 38.6

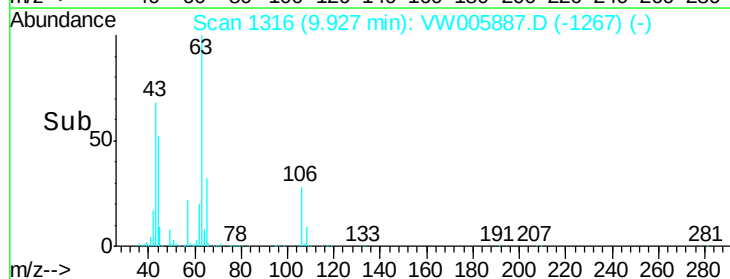
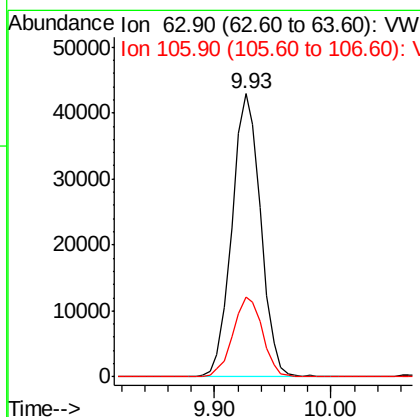
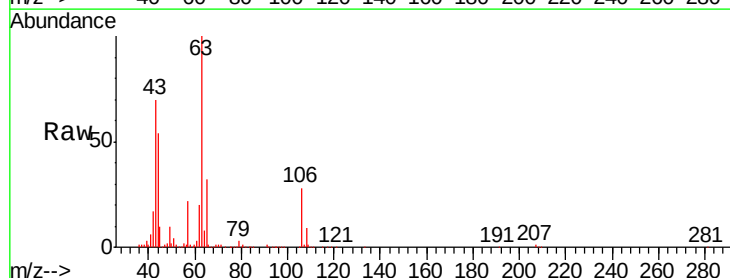
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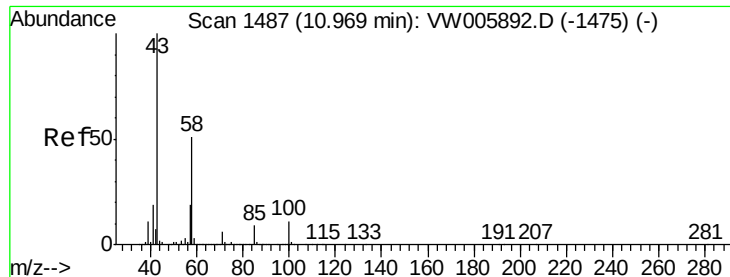
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#58
 2-Chloroethyl Vinyl ether
 Concen: 49.85 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW005887.D
 Acq: 08 Oct 2018 10:57

Tgt Ion: 63 Resp: 73870
 Ion Ratio Lower Upper
 63 100
 106 28.9 23.6 35.4





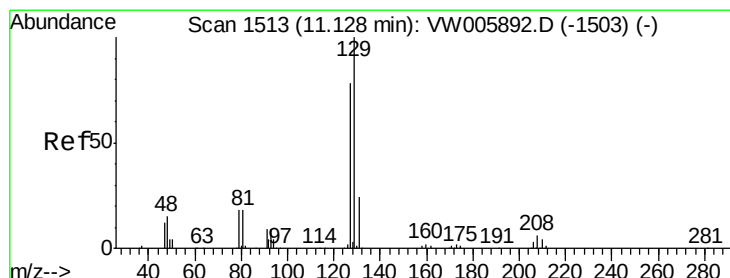
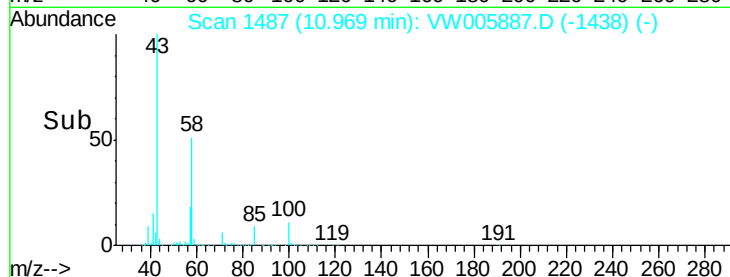
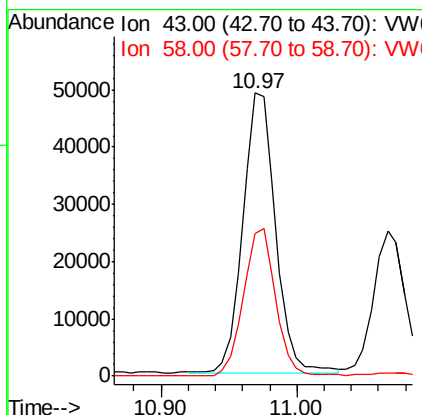
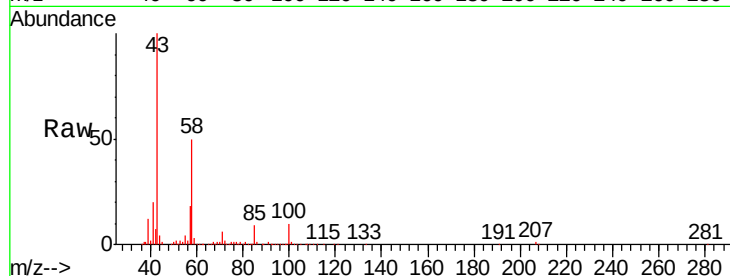
#59
2-Hexanone
Concen: 51.47 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW005887.D
Acq: 08 Oct 2018 10:57

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tgt Ion: 43 Resp: 82370
Ion Ratio Lower Upper
43 100
58 51.2 25.7 77.1

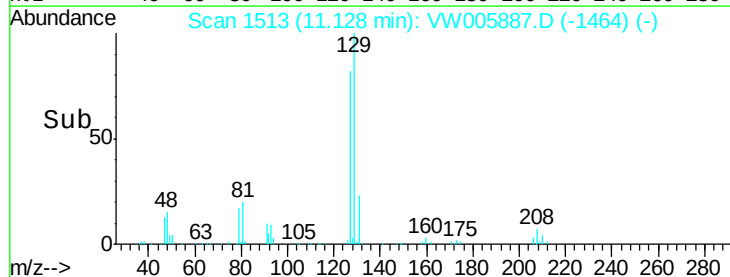
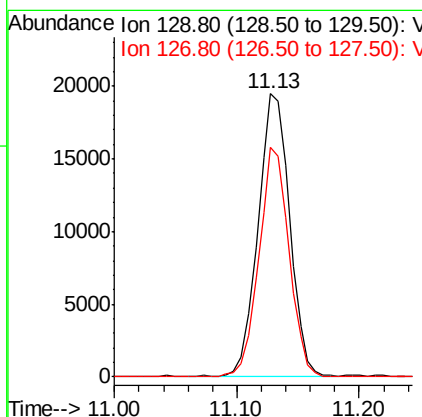
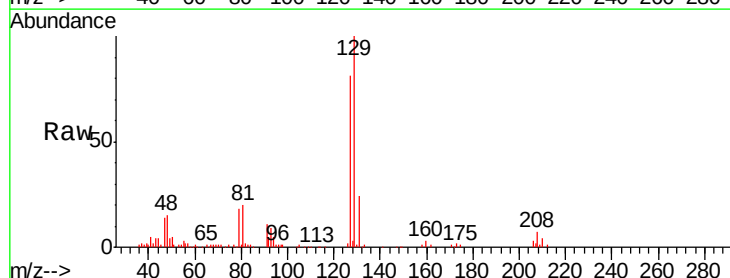
Manual Integrations
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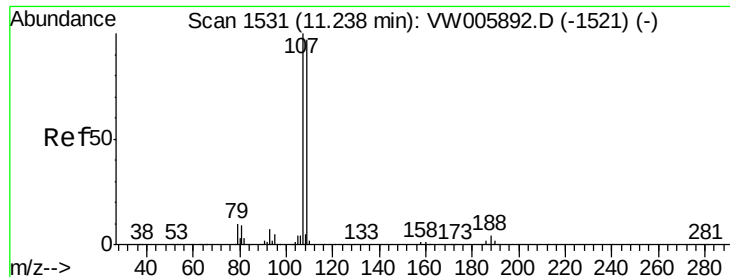
apatel
10/9/2018 4:12:01 PM



#60
Dibromochloromethane
Concen: 10.12 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW005887.D
Acq: 08 Oct 2018 10:57

Tgt Ion: 129 Resp: 35297
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 10.04 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW005887.D

Acq: 08 Oct 2018 10:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion: 107 Resp: 27116

Ion Ratio Lower Upper

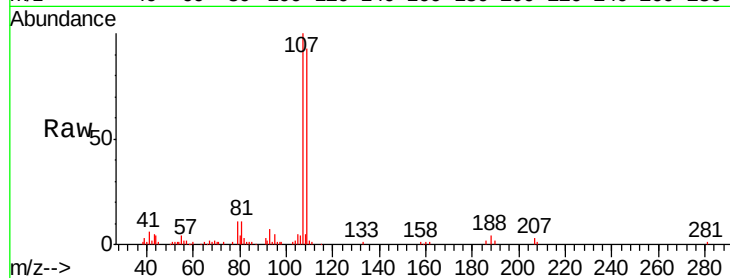
107 100

109 91.3 75.8 113.8

Manual Integrations
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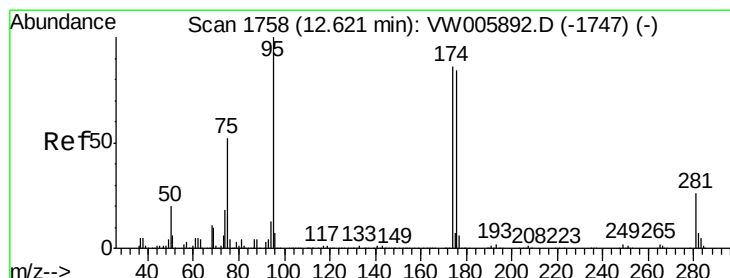
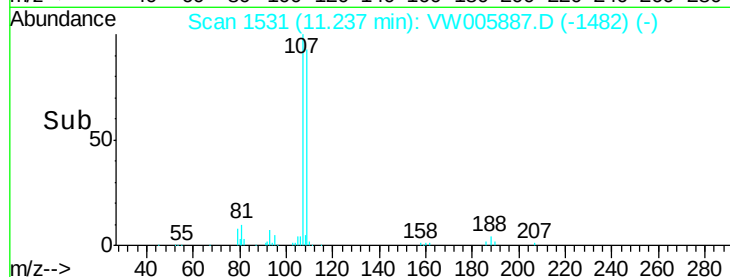
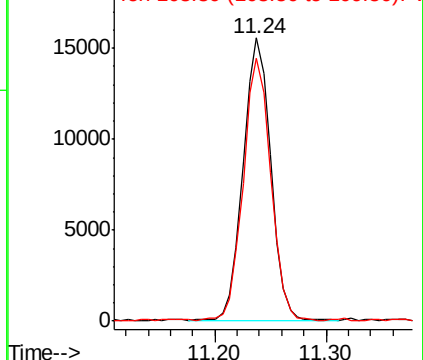
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 10.21 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005887.D

Acq: 08 Oct 2018 10:57

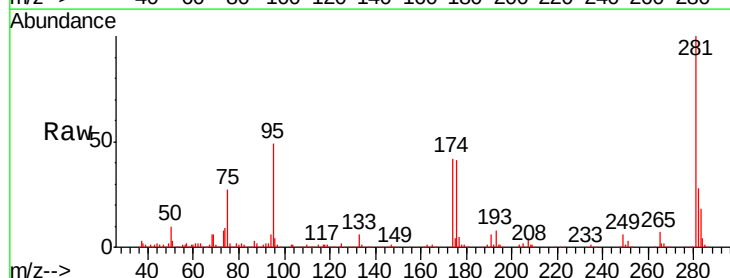
Tgt Ion: 95 Resp: 51591

Ion Ratio Lower Upper

95 100

174 88.1 0.0 176.4

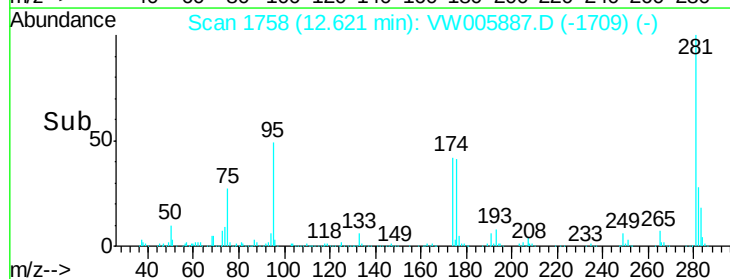
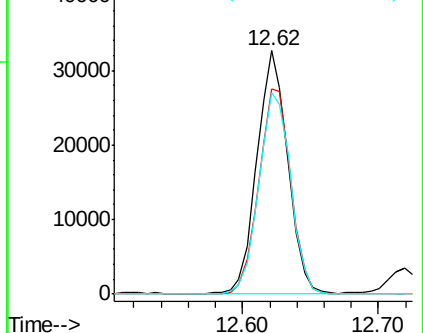
176 86.2 0.0 173.0

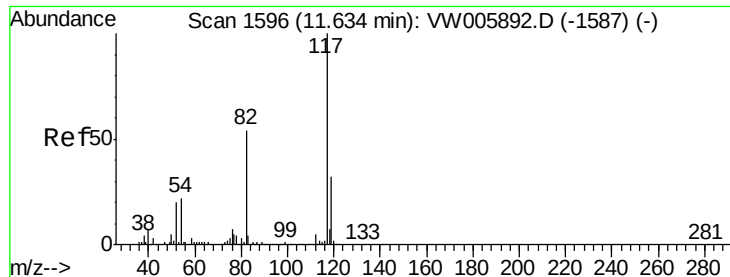


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





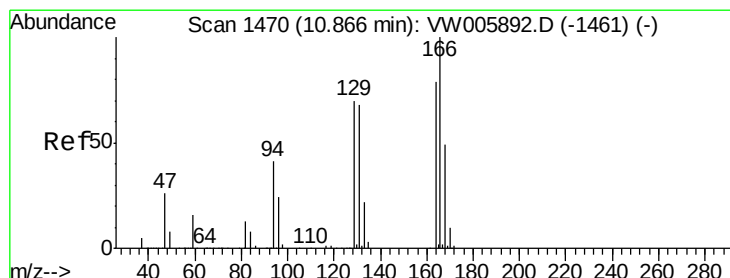
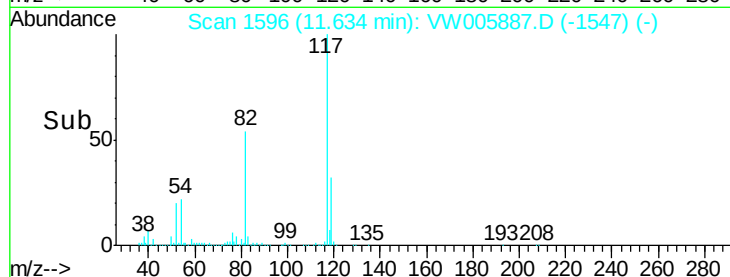
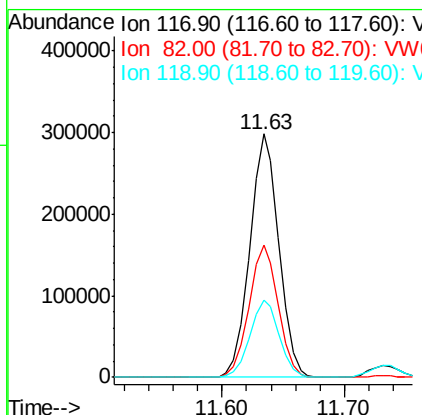
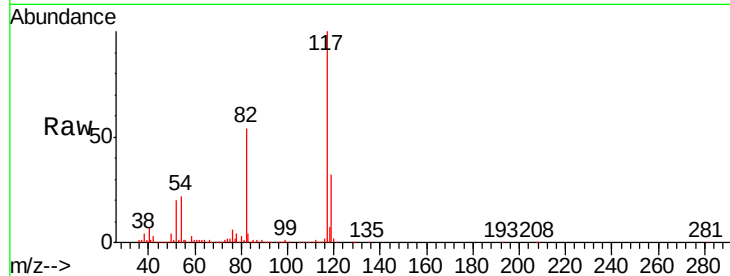
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005887.D
Acq: 08 Oct 2018 10:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	490194		
82	54.2	43.5	65.3	
119	31.9	25.4	38.2	

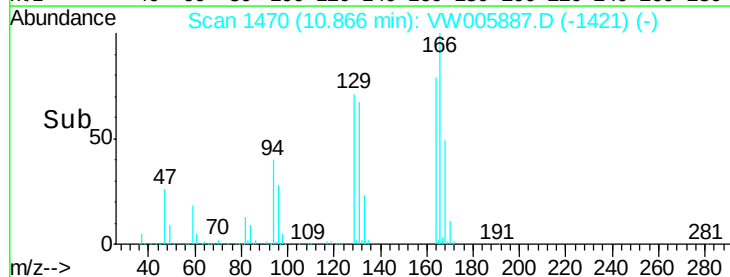
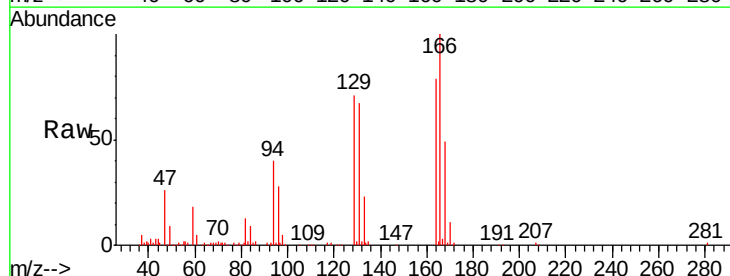
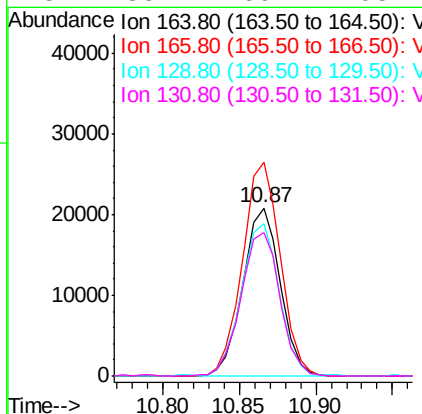
Manual Integrations
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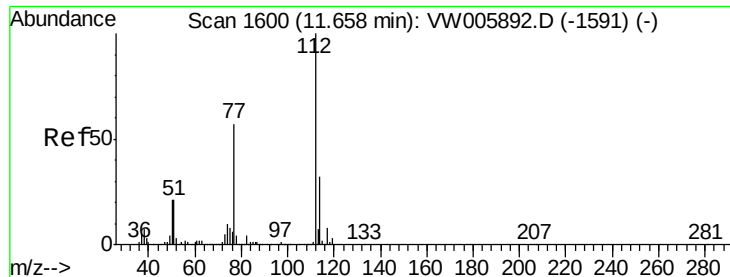
apatel
10/9/2018 4:12:01 PM



#64
Tetrachloroethene
Concen: 9.70 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005887.D
Acq: 08 Oct 2018 10:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	35425		
166	127.3	101.5	152.3	
129	90.5	71.1	106.7	
131	85.4	69.1	103.7	





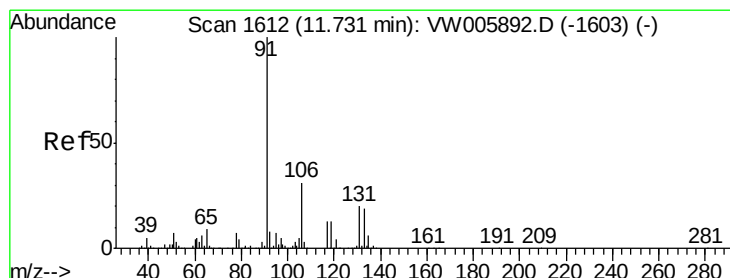
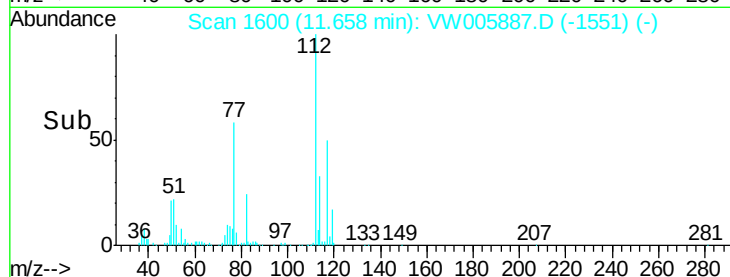
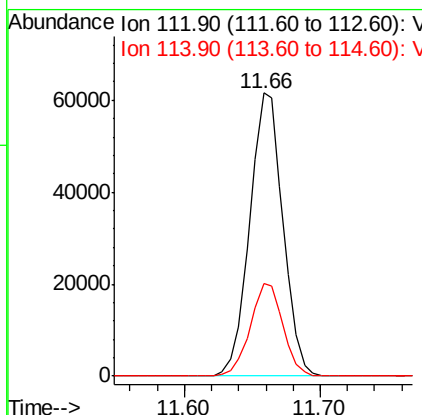
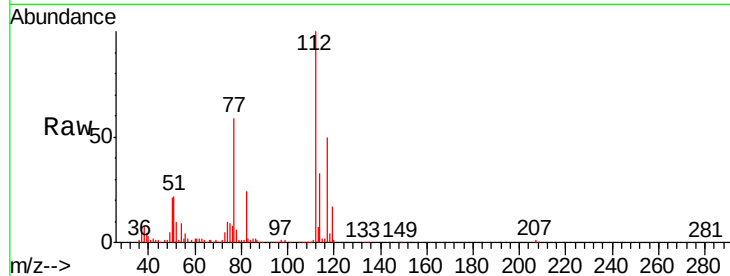
#65
Chlorobenzene
Concen: 10.03 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW005887.D
Acq: 08 Oct 2018 10:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.9	25.6	38.4

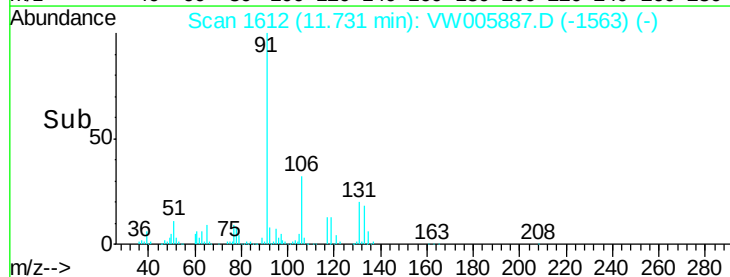
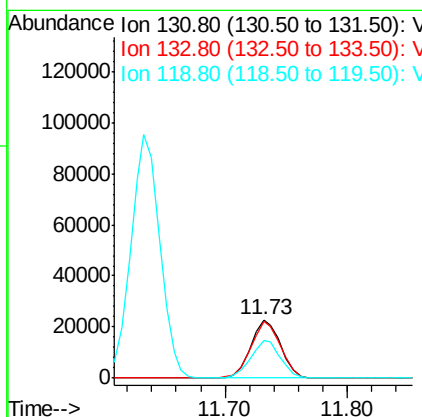
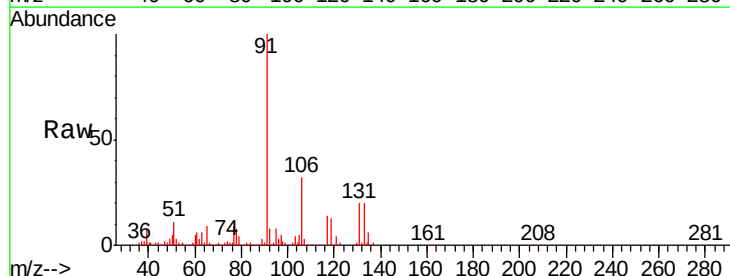
Manual Integrations
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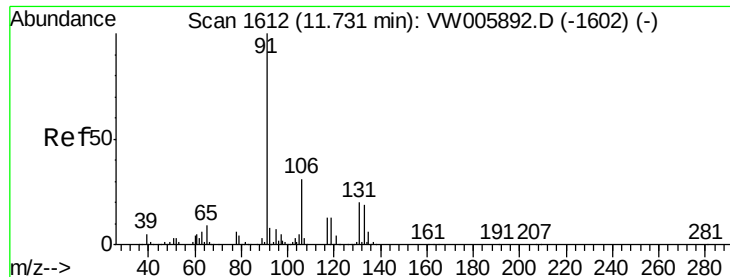
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 10.00 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW005887.D
Acq: 08 Oct 2018 10:57

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.5	48.2	144.6
119	65.3	32.5	97.5





#67

Ethyl Benzene

Concen: 10.01 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW005887.D

Acq: 08 Oct 2018 10:57

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tgt Ion: 91 Resp: 185565

Ion Ratio Lower Upper

91 100

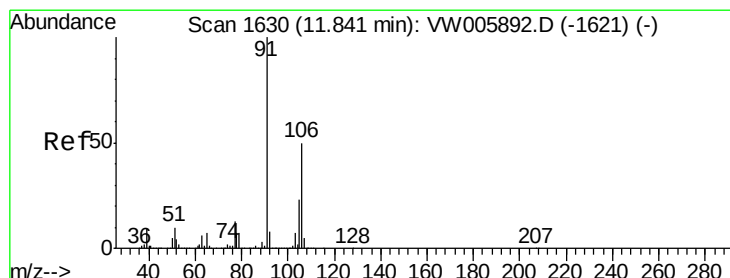
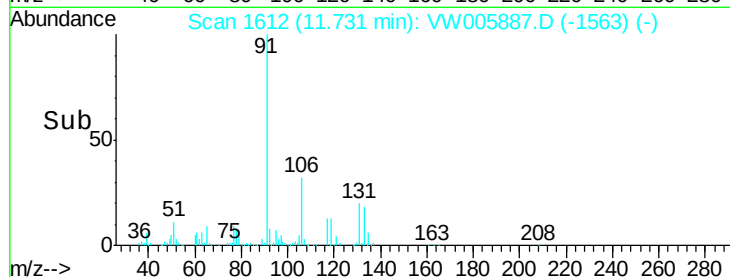
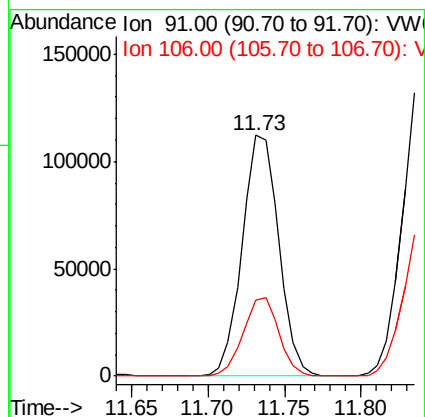
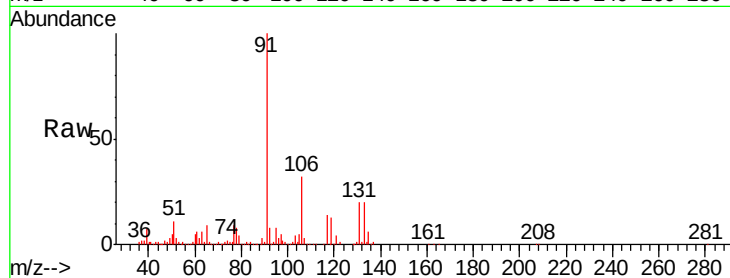
106 31.7 25.0 37.6

Manual Integrations

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#68

m/p-Xylenes

Concen: 20.10 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW005887.D

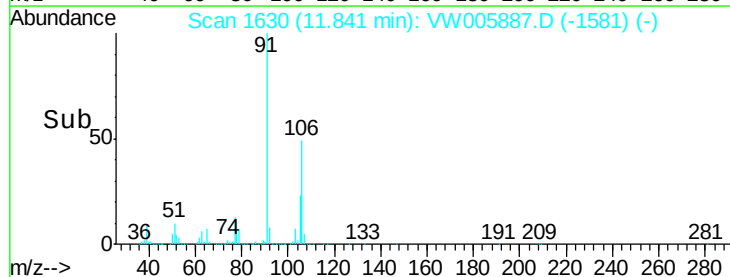
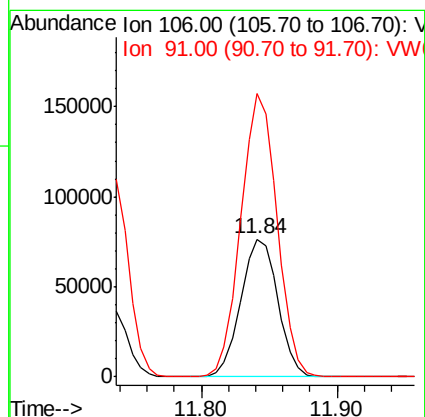
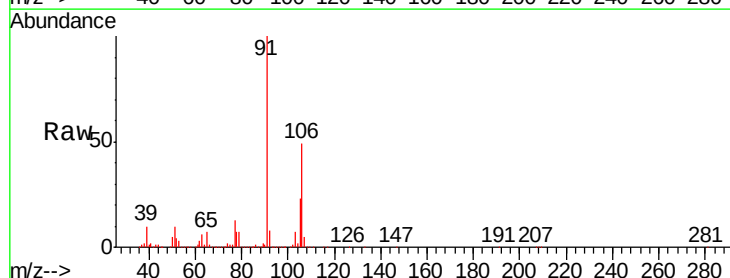
Acq: 08 Oct 2018 10:57

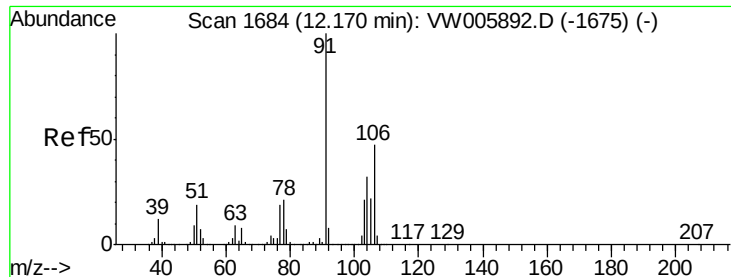
Tgt Ion: 106 Resp: 145662

Ion Ratio Lower Upper

106 100

91 200.2 160.2 240.2





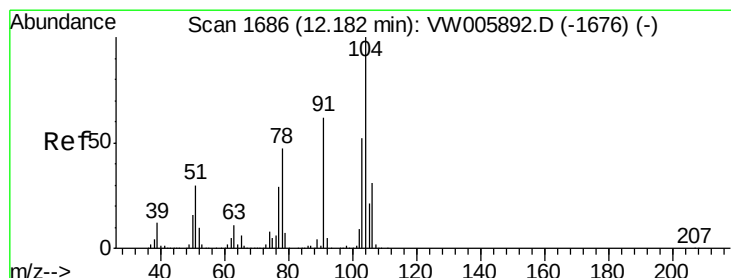
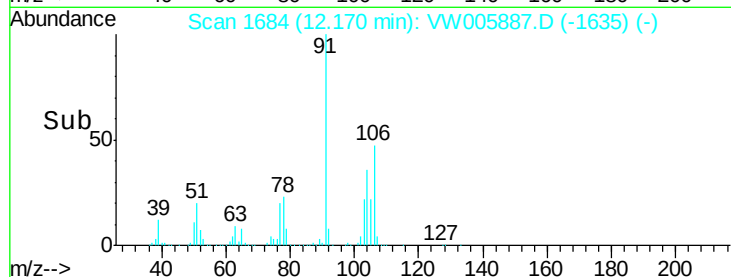
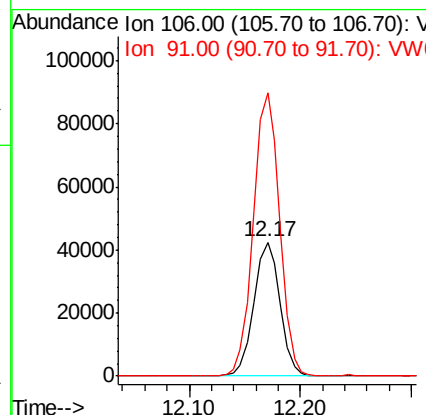
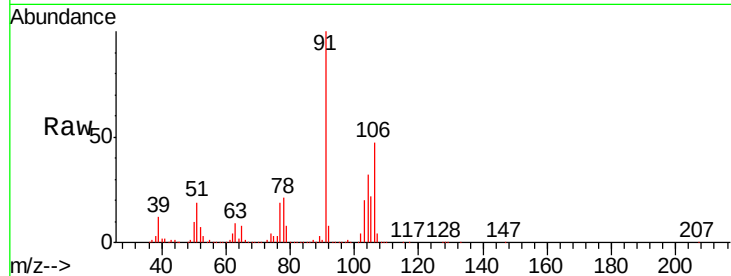
#69
o-Xylene
Concen: 9.96 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005887.D
Acq: 08 Oct 2018 10:57

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tgt Ion:106 Resp: 69126
Ion Ratio Lower Upper
106 100
91 212.8 106.2 318.5

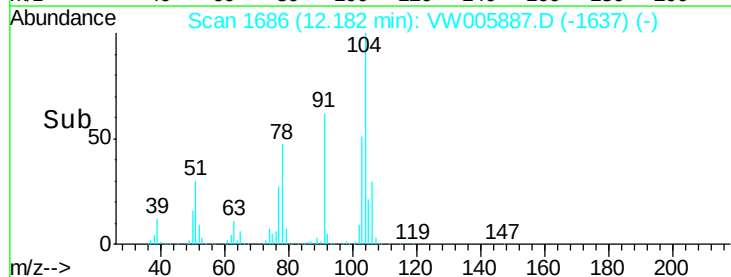
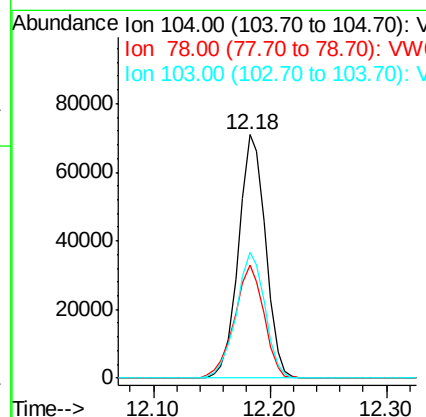
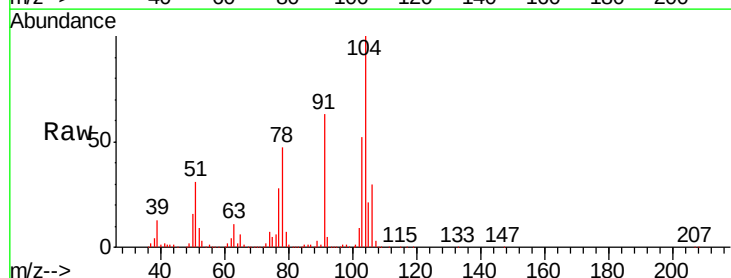
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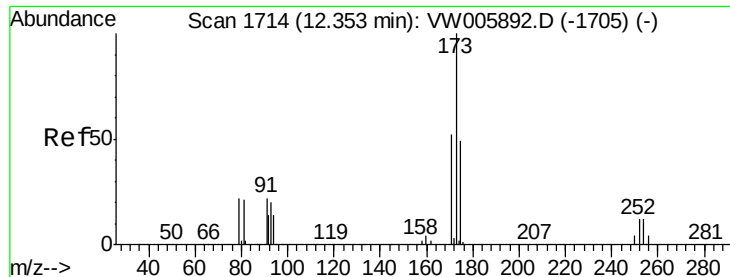
apatel
10/9/2018 4:12:01 PM



#70
Styrene
Concen: 9.99 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW005887.D
Acq: 08 Oct 2018 10:57

Tgt Ion:104 Resp: 114996
Ion Ratio Lower Upper
104 100
78 50.2 40.4 60.6
103 54.9 44.2 66.2





#71

Bromoform

Concen: 9.74 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005887.D

Acq: 08 Oct 2018 10:57

Instrument :

MSVOA_W

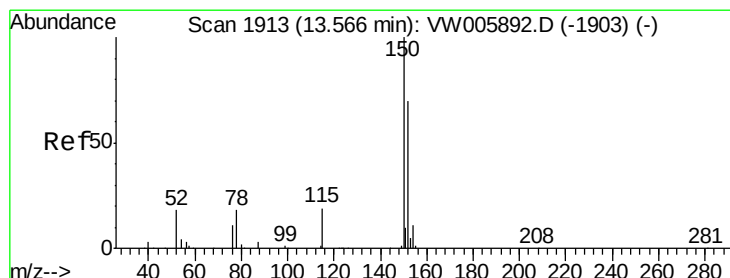
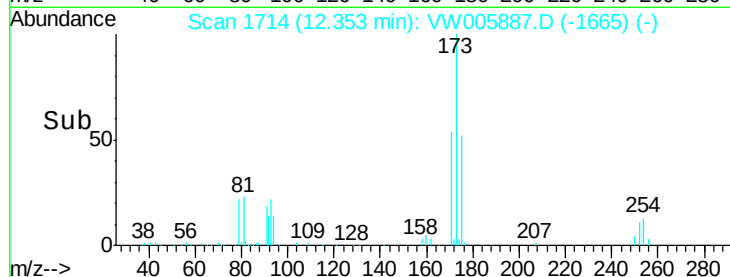
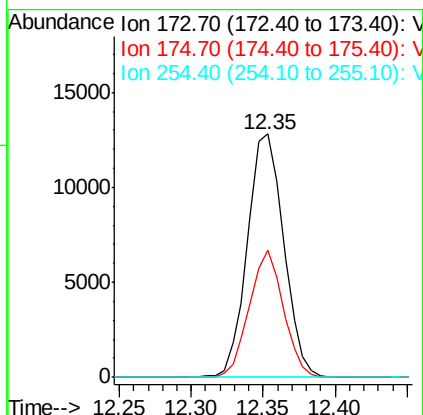
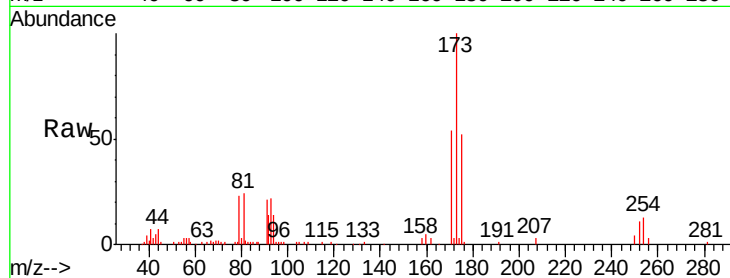
ClientSampleId :

VSTDIC010

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.7	74.1
254	0.0	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

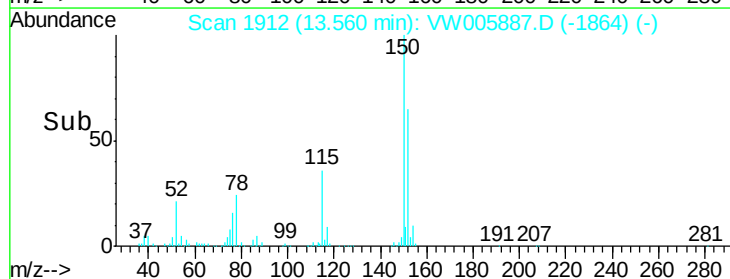
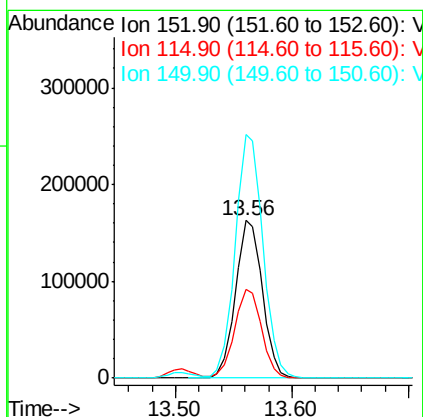
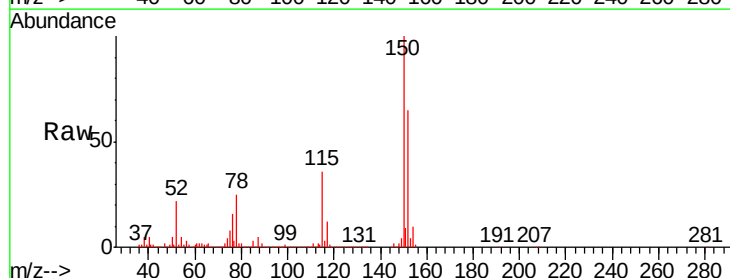
RT: 13.56 min Scan# 1912

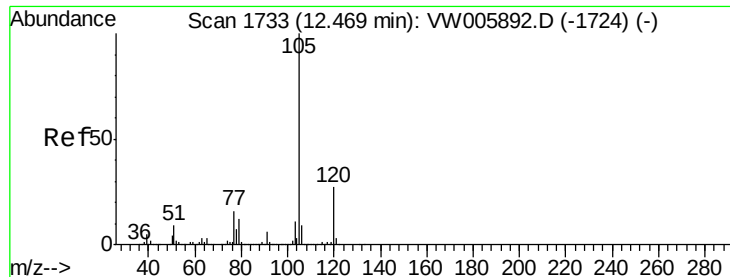
Delta R.T. -0.01 min

Lab File: VW005887.D

Acq: 08 Oct 2018 10:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.3	85.0
150	159.4	0.0	349.2





#73

Isopropylbenzene

Concen: 10.08 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005887.D

Acq: 08 Oct 2018 10:57

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tgt Ion: 105 Resp: 192939

Ion Ratio Lower Upper

105 100

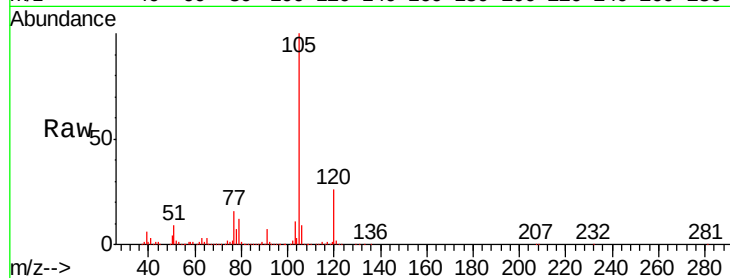
120 27.0 13.6 40.8

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

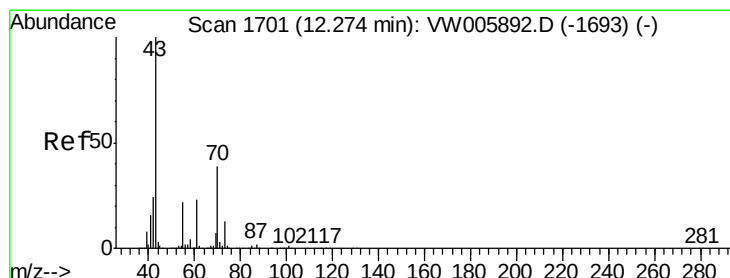
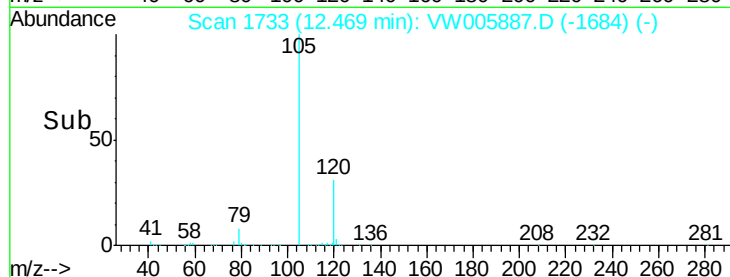
12.47

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 10.02 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW005887.D

Acq: 08 Oct 2018 10:57

Tgt Ion: 43 Resp: 45544

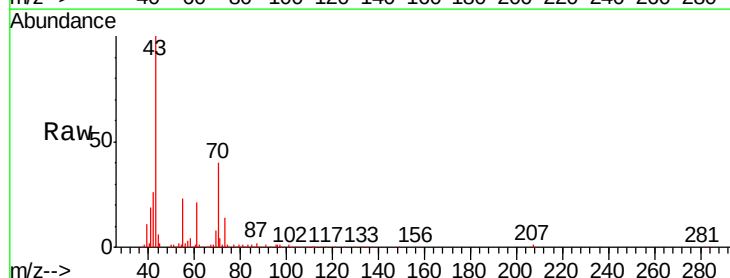
Ion Ratio Lower Upper

43 100

70 39.0 31.6 47.4

55 22.9 17.9 26.9

61 22.3 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

40000

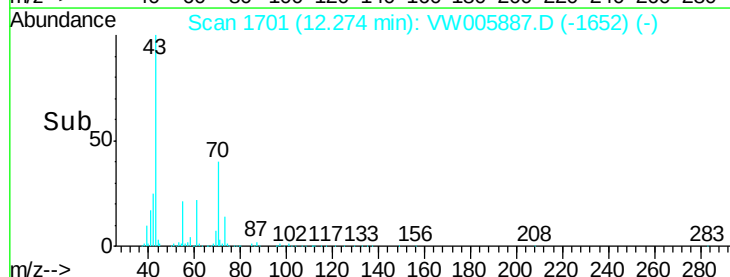
30000

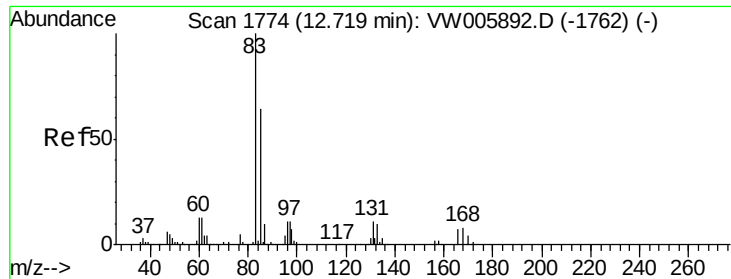
20000

10000

0

Time-->





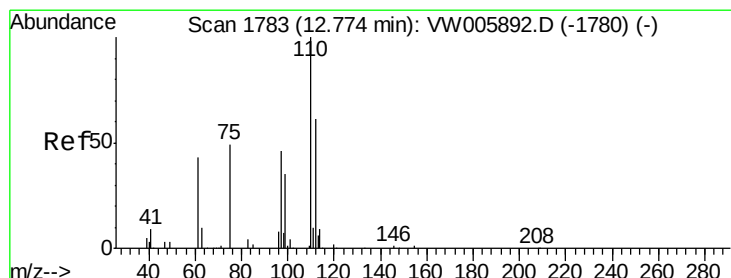
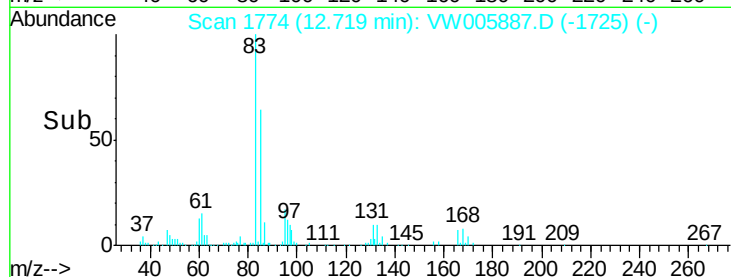
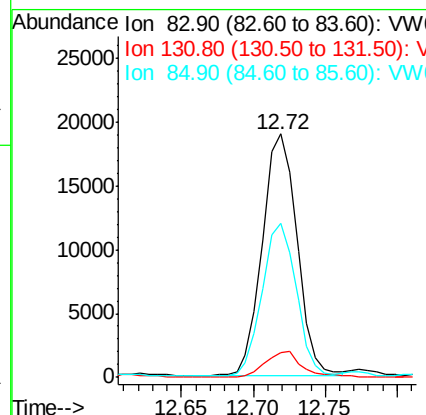
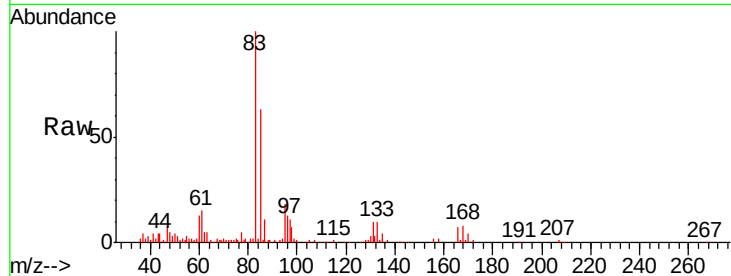
#75
 1,1,2,2-Tetrachloroethane
 Concen: 10.18 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: VW005887.D
 Acq: 08 Oct 2018 10:57

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tgt Ion	Ratio	Lower	Upper
83	100		
131	11.7	5.8	17.3
85	61.5	32.4	97.0

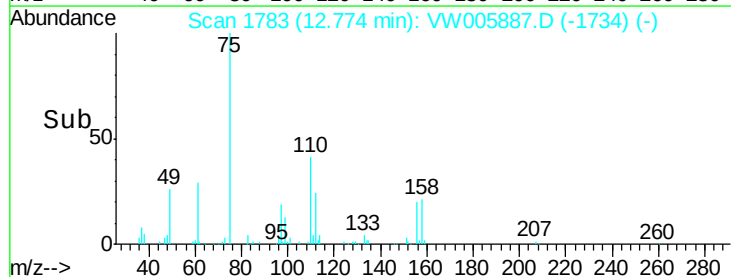
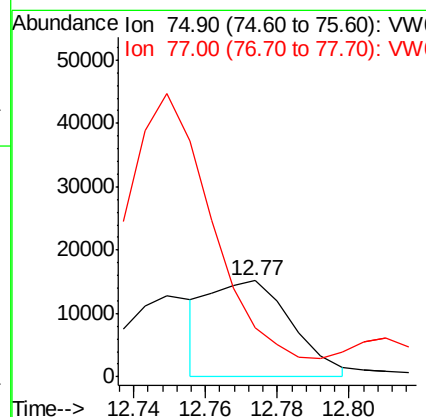
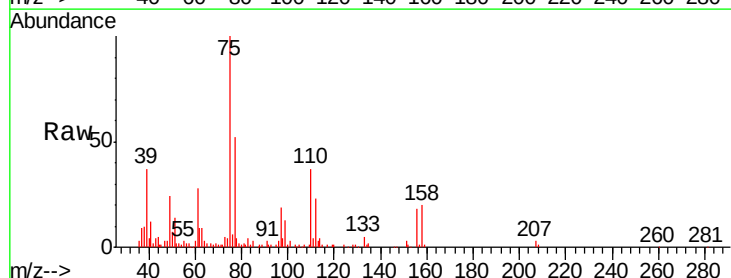
Manual Integrations
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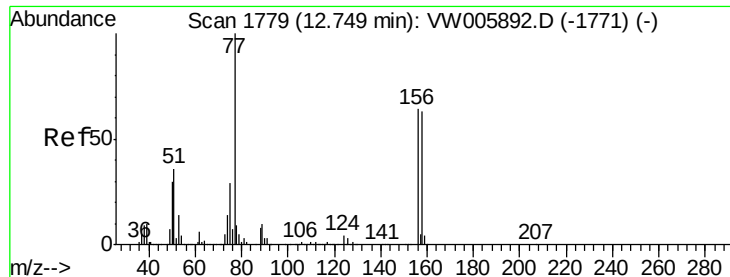
apatel
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#76
 1,2,3-Trichloropropane
 Concen: 6.06 ug/l m
 RT: 12.77 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VW005887.D
 Acq: 08 Oct 2018 10:57

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 9.99 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW005887.D

Acq: 08 Oct 2018 10:57

Instrument :

MSVOA_W

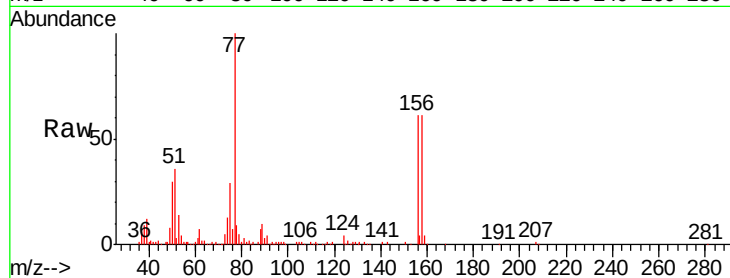
ClientSampled :

VSTDIC010

Tgt Ion:	156	Resp:	45286
Ion Ratio	Lower	Upper	
156	100		
77	176.8	85.8	257.4
158	99.8	49.1	147.4

Manual Integrations
APPROVED

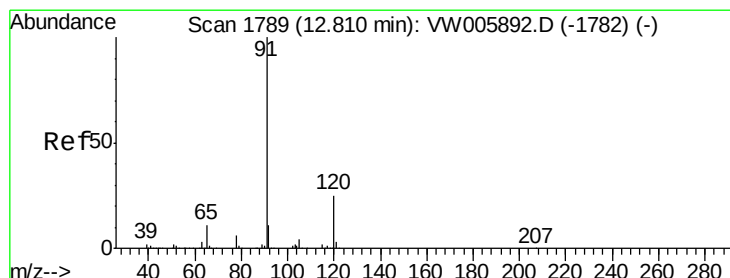
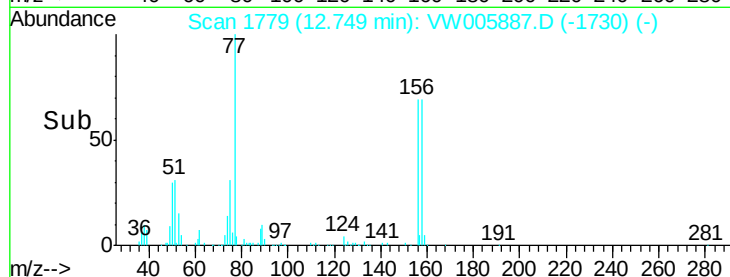
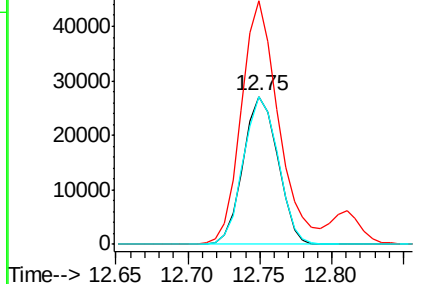
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 10.17 ug/l

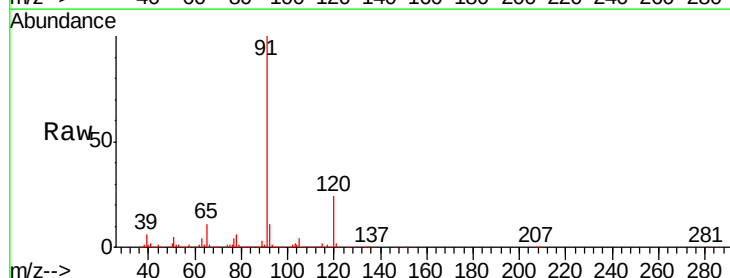
RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005887.D

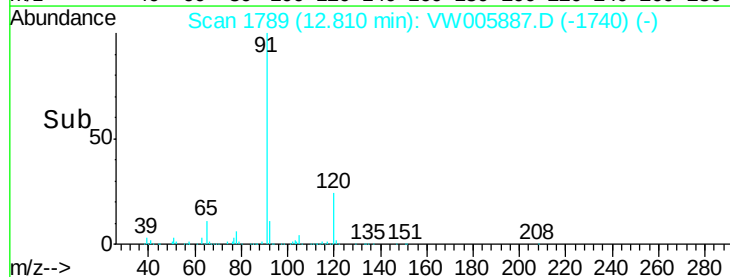
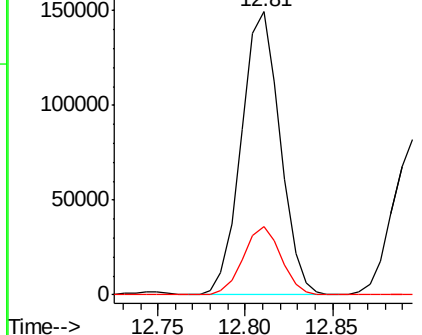
Acq: 08 Oct 2018 10:57

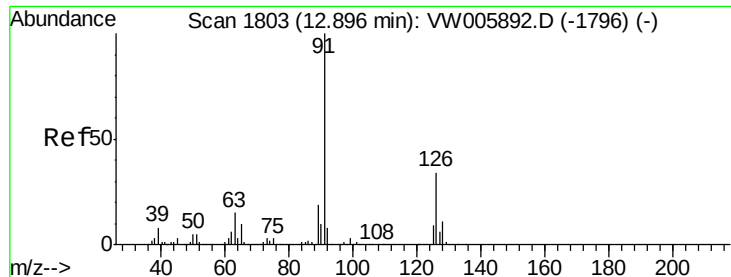
Tgt Ion:	91	Resp:	228820
Ion Ratio	Lower	Upper	
91	100		
120	23.7	12.0	36.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





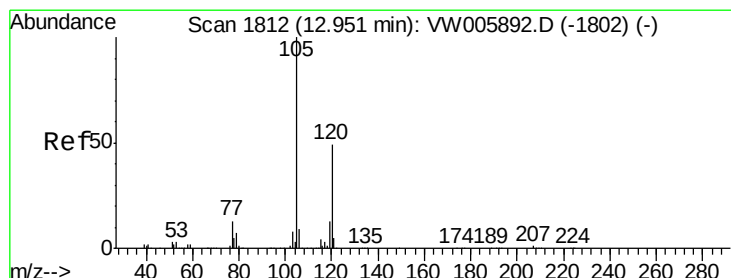
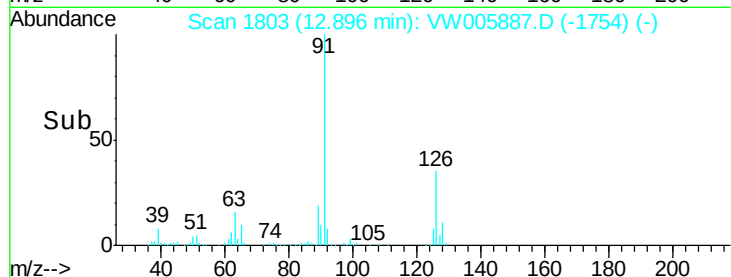
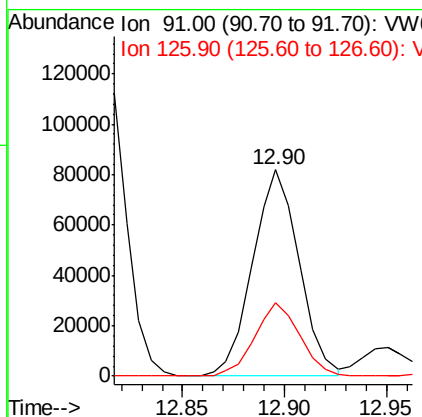
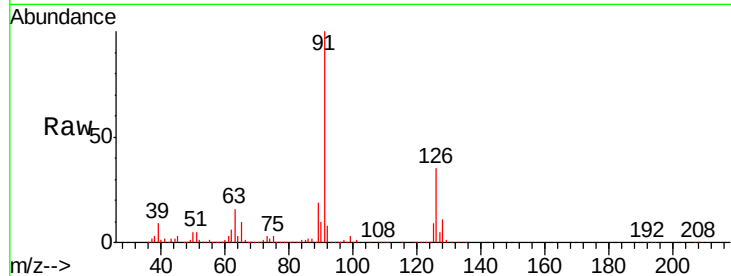
#79
2-Chlorotoluene
Concen: 10.13 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW005887.D
Acq: 08 Oct 2018 10:57

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tgt Ion: 91 Resp: 128692
Ion Ratio Lower Upper
91 100
126 34.7 17.5 52.5

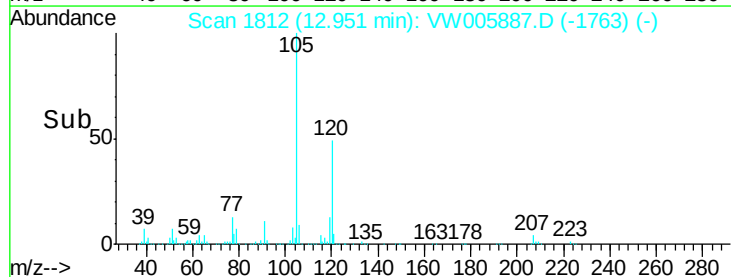
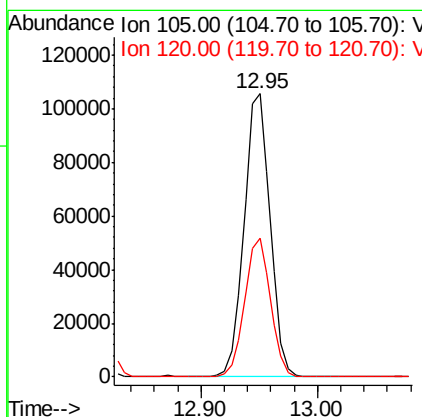
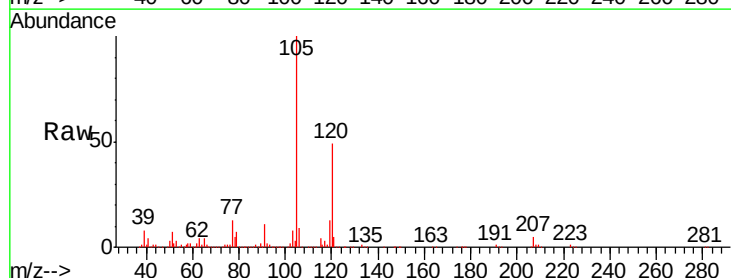
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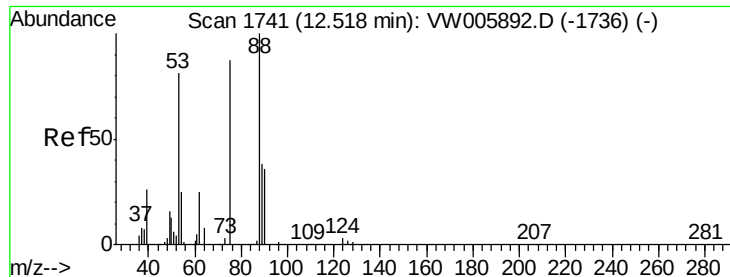
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#80
1,3,5-Trimethylbenzene
Concen: 10.15 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. -0.00 min
Lab File: VW005887.D
Acq: 08 Oct 2018 10:57

Tgt Ion: 105 Resp: 164000
Ion Ratio Lower Upper
105 100
120 49.0 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 9.82 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW005887.D

Acq: 08 Oct 2018 10:57

Instrument :

MSVOA_W

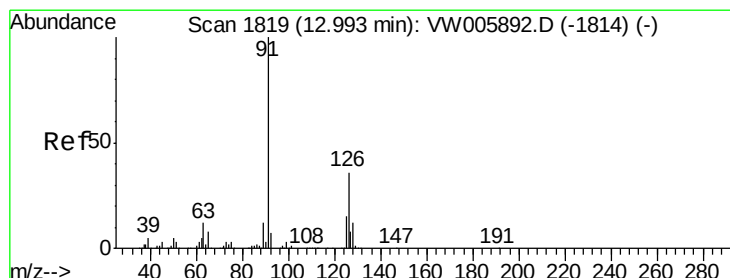
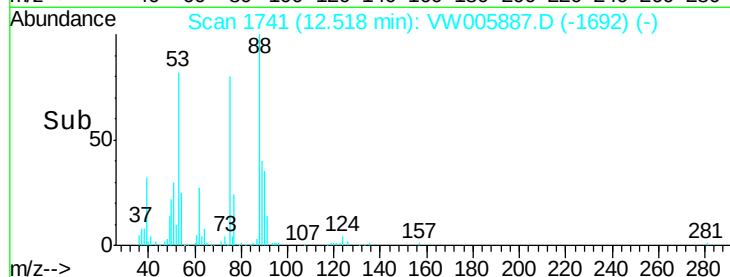
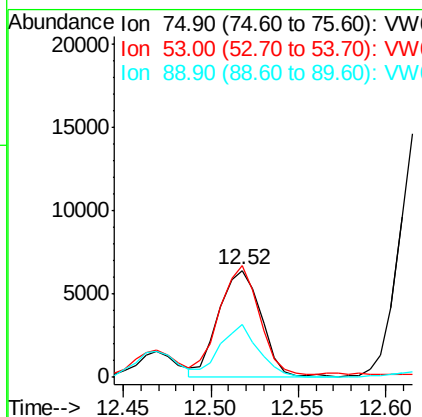
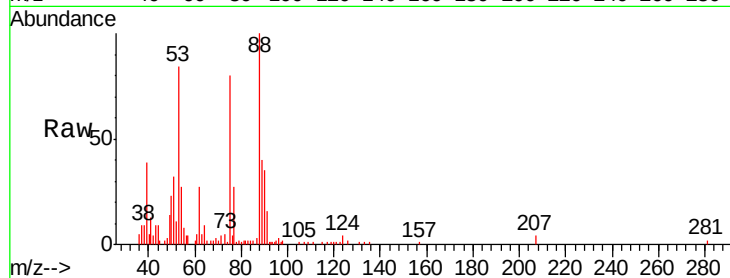
ClientSampleId :

VSTDIC010

Tgt Ion:	75	Resp:	10892
Ion	Ratio	Lower	Upper
75	100		
53	95.6	76.5	114.7
89	43.8	37.6	56.4

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#82

4-Chlorotoluene

Concen: 10.00 ug/l

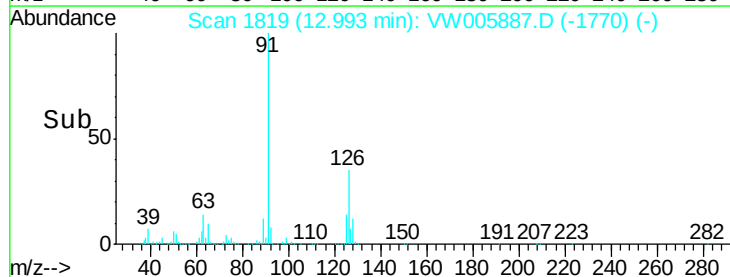
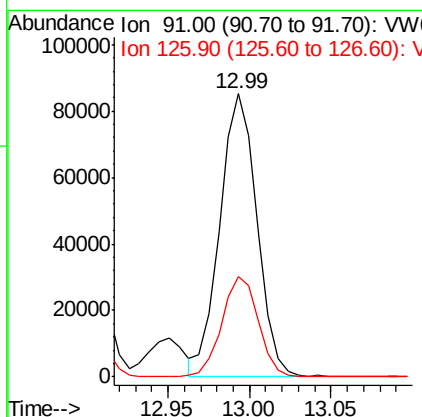
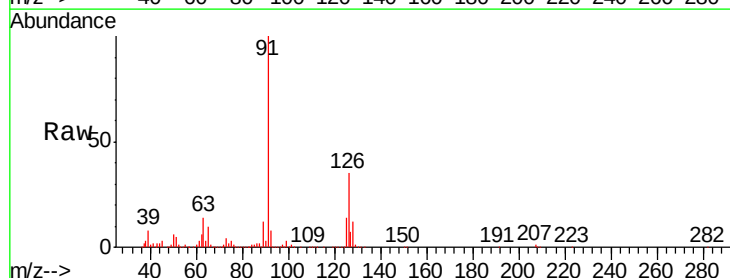
RT: 12.99 min Scan# 1819

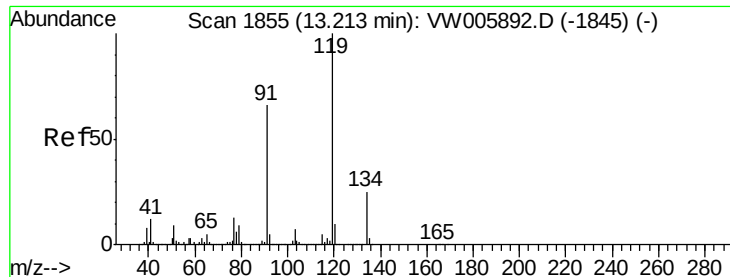
Delta R.T. -0.00 min

Lab File: VW005887.D

Acq: 08 Oct 2018 10:57

Tgt Ion:	91	Resp:	133664
Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.4	52.2





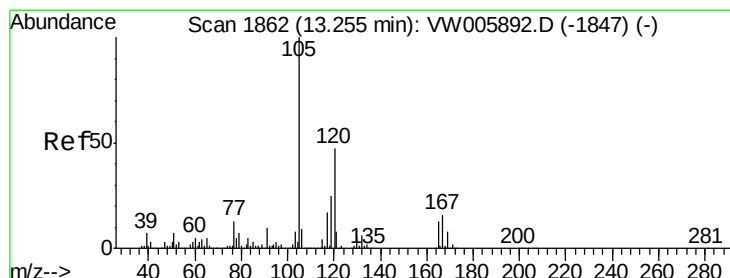
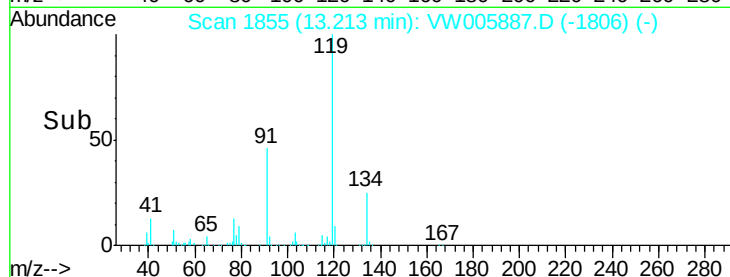
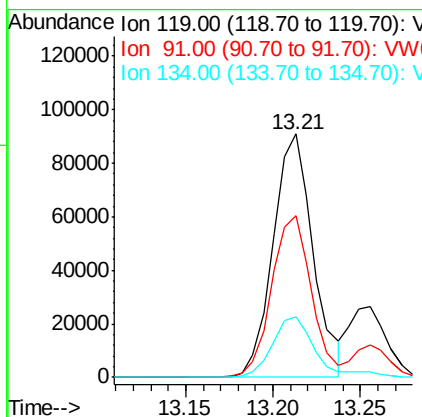
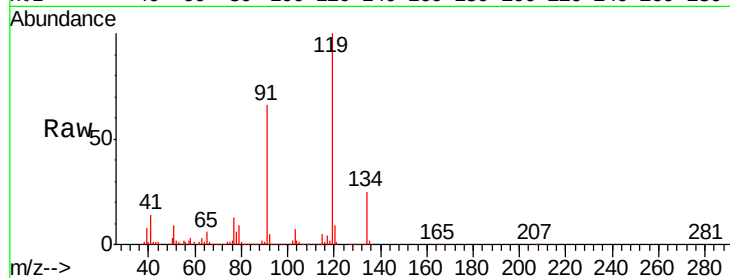
#83
 tert-Butylbenzene
 Concen: 10.13 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005887.D
 Acq: 08 Oct 2018 10:57

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tgt Ion	Ratio	Lower	Upper
119	100		
91	65.4	32.4	97.0
134	26.8	13.2	39.6

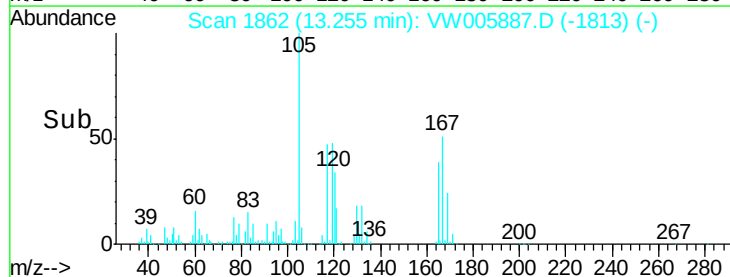
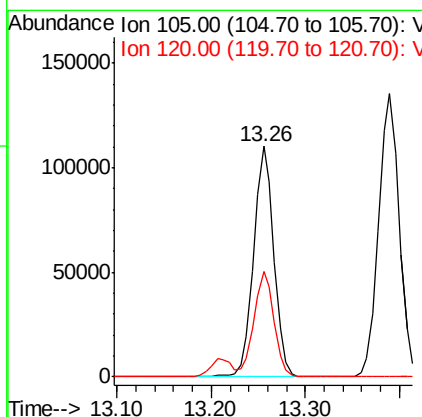
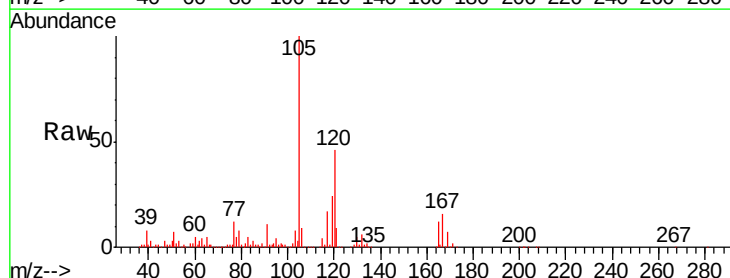
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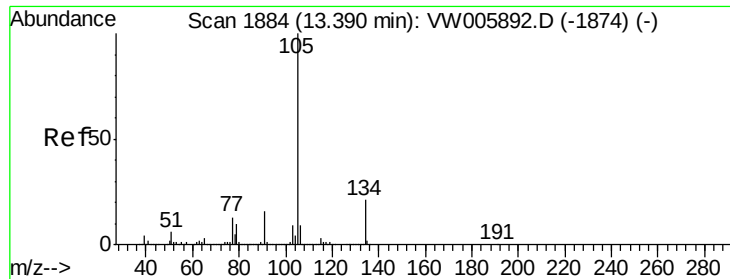
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#84
 1,2,4-Trimethylbenzene
 Concen: 10.24 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW005887.D
 Acq: 08 Oct 2018 10:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.8	68.3





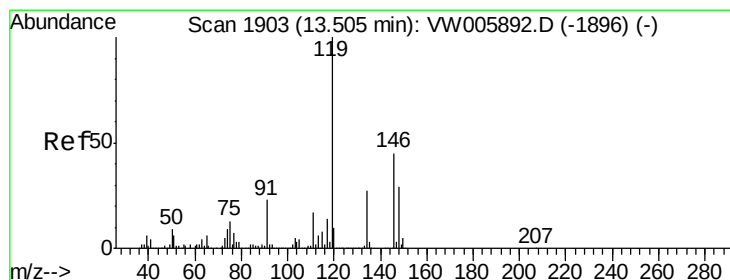
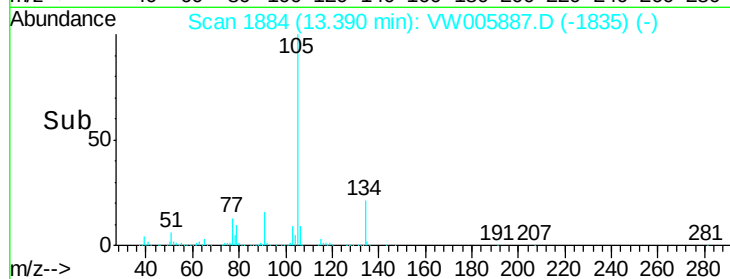
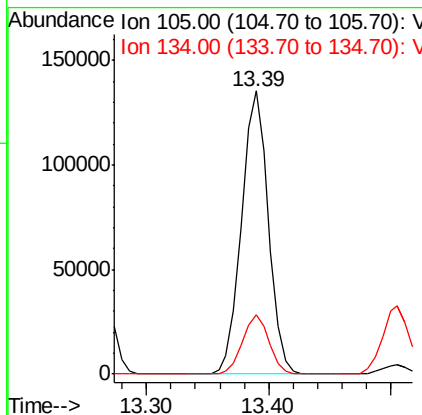
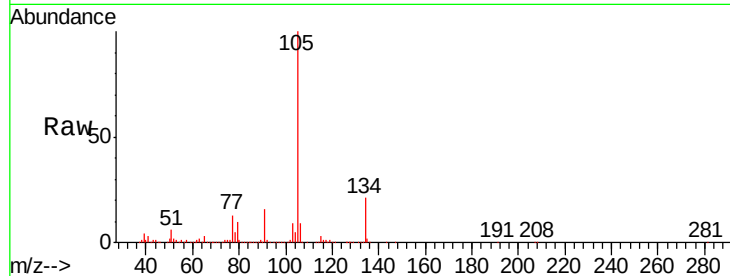
#85
 sec-Butylbenzene
 Concen: 10.13 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005887.D
 Acq: 08 Oct 2018 10:57

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	204360		
134	20.9	10.4	31.4	

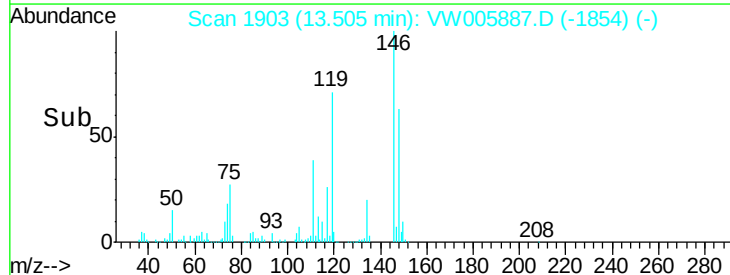
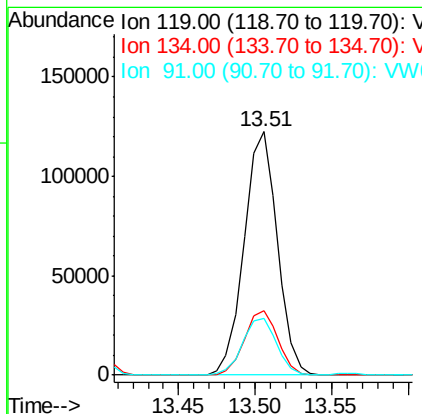
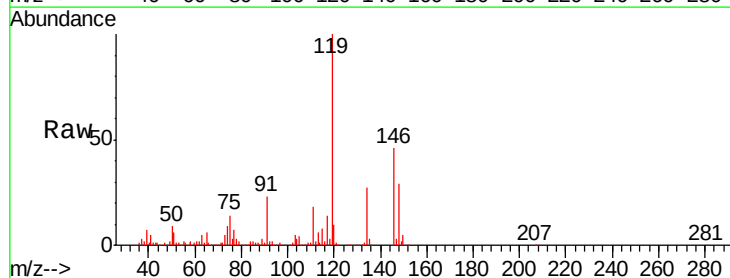
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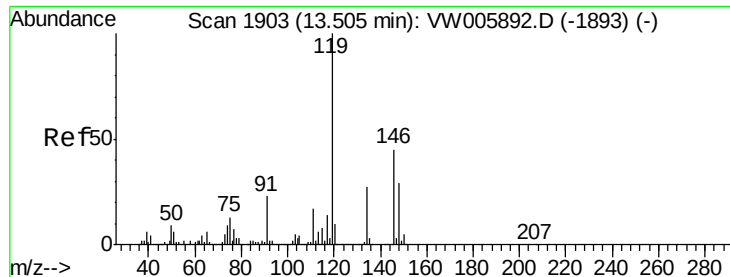
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#86
 p-Isopropyltoluene
 Concen: 10.12 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005887.D
 Acq: 08 Oct 2018 10:57

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	183602		
134	27.2	13.5	40.5	
91	23.9	11.9	35.5	





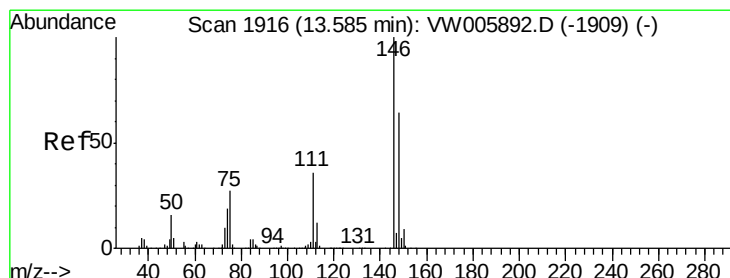
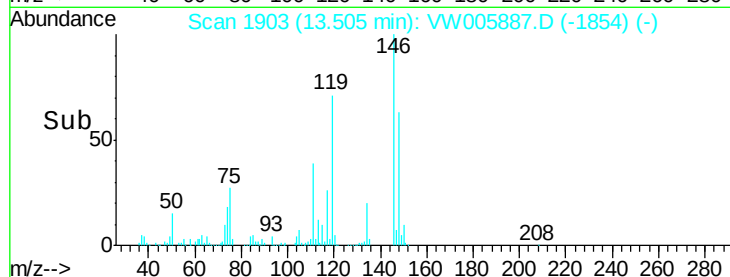
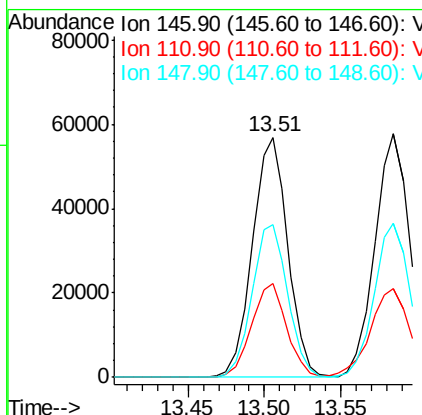
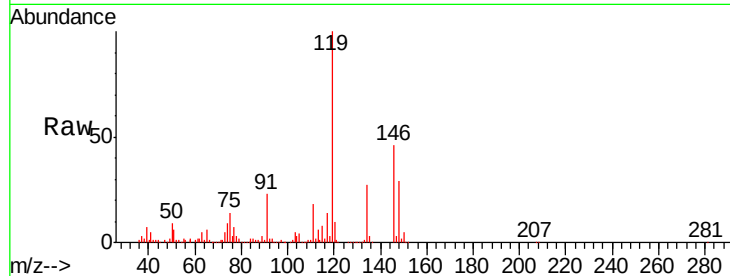
#87
 1,3-Dichlorobenzene
 Concen: 10.13 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005887.D
 Acq: 08 Oct 2018 10:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.5	58.5
148	64.1	32.1	96.5

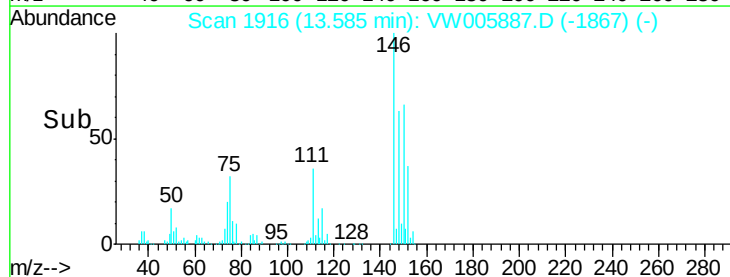
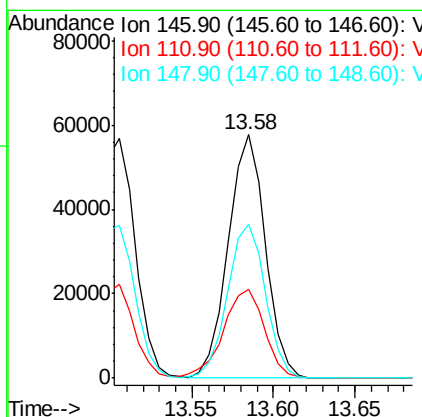
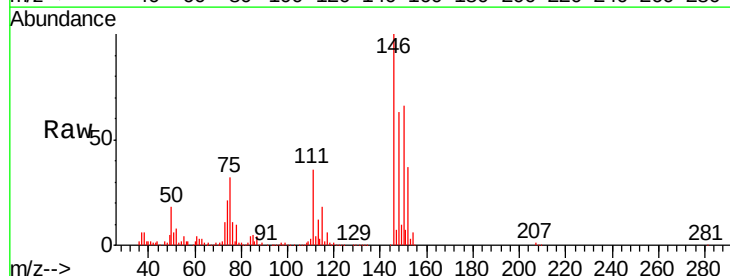
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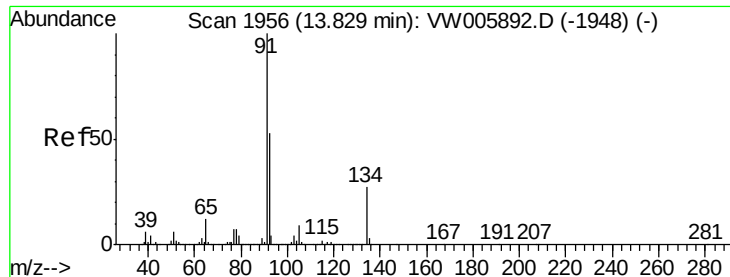
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#88
 1,4-Dichlorobenzene
 Concen: 10.21 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005887.D
 Acq: 08 Oct 2018 10:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.0	57.0
148	64.7	32.0	96.2





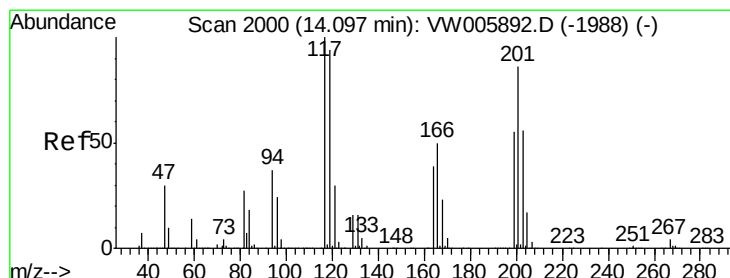
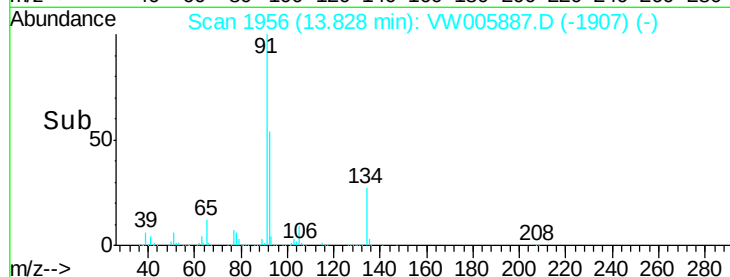
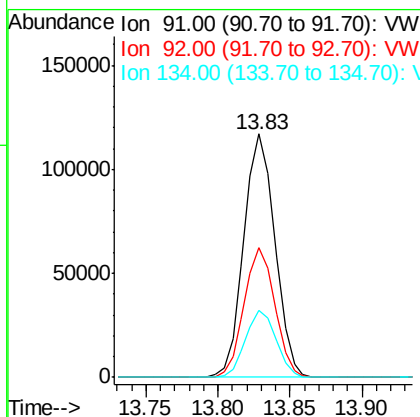
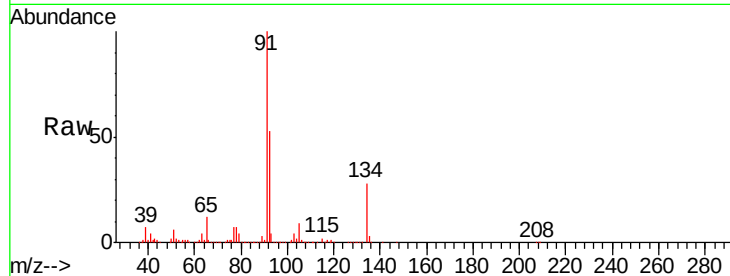
#89
n-Butylbenzene
Concen: 10.19 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW005887.D
Acq: 08 Oct 2018 10:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.6	79.8
134	27.4	13.8	41.4

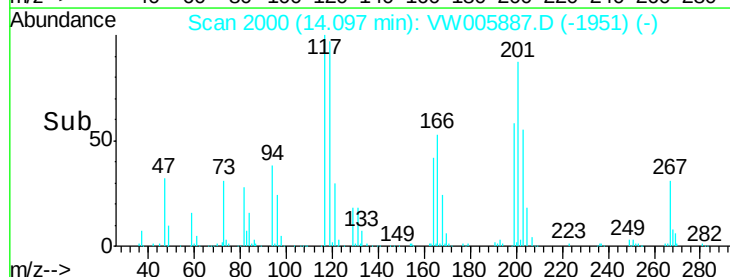
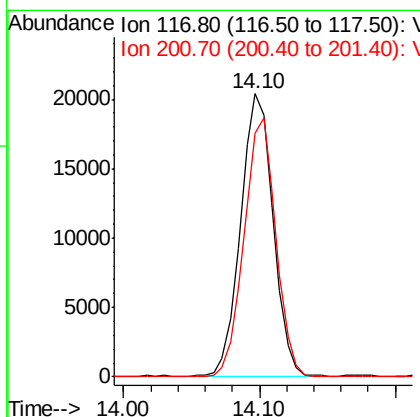
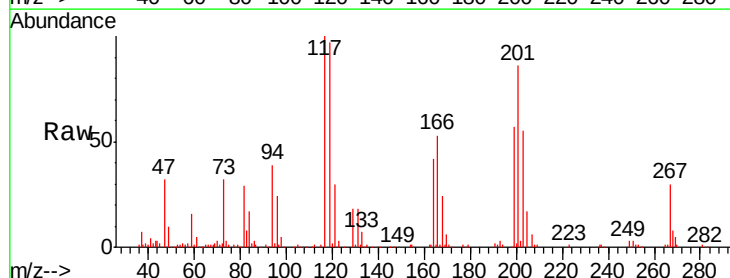
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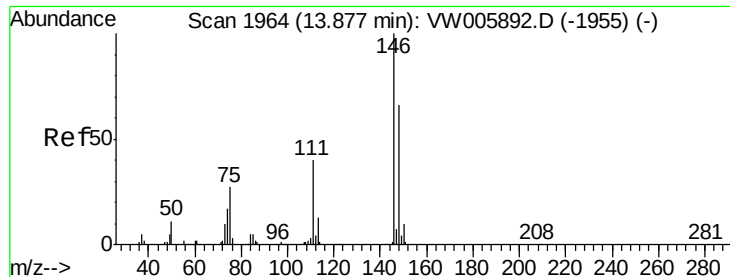
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#90
Hexachloroethane
Concen: 9.92 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW005887.D
Acq: 08 Oct 2018 10:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.0	44.5	133.5





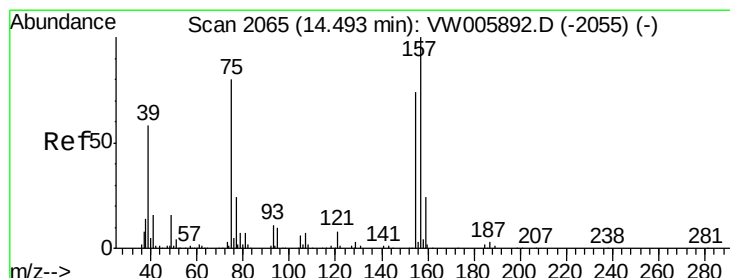
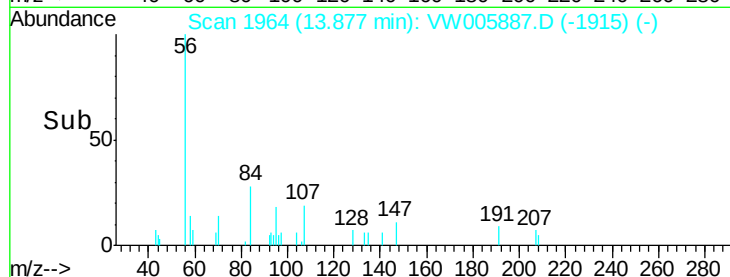
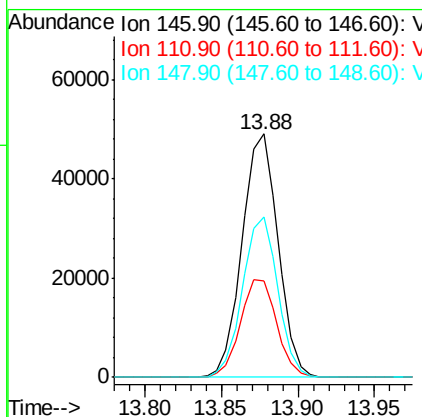
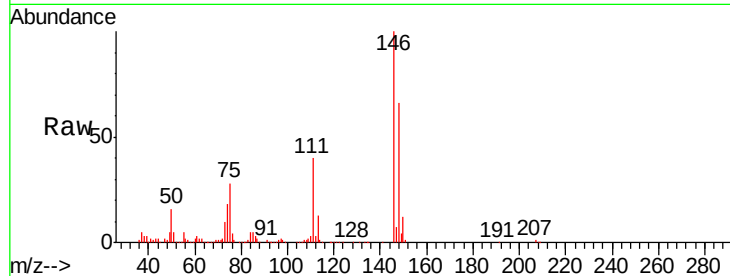
#91
 1,2-Dichlorobenzene
 Concen: 10.05 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005887.D
 Acq: 08 Oct 2018 10:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.3	61.0
148	64.7	32.5	97.4

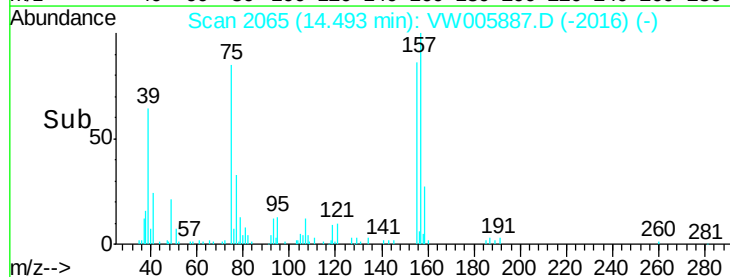
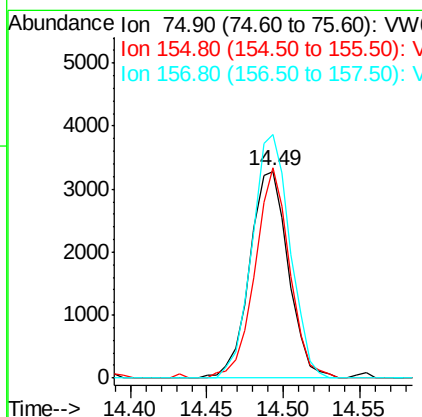
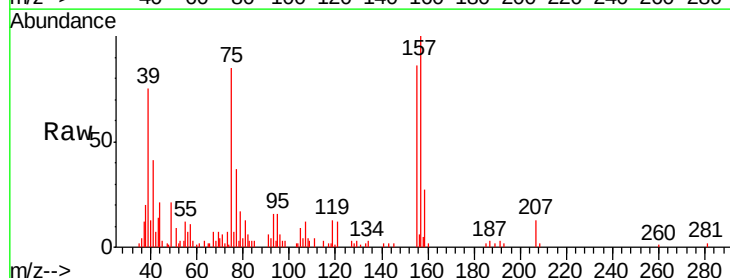
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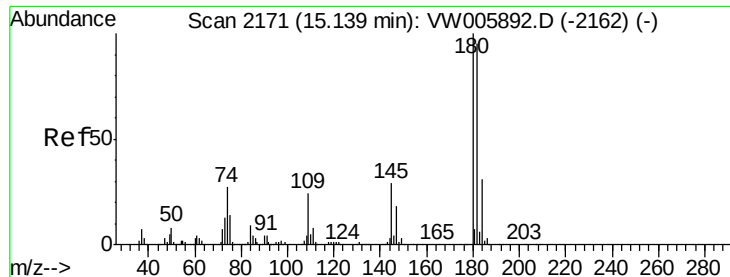
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.89 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005887.D
 Acq: 08 Oct 2018 10:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.9	44.8	134.3
157	115.7	58.9	176.6





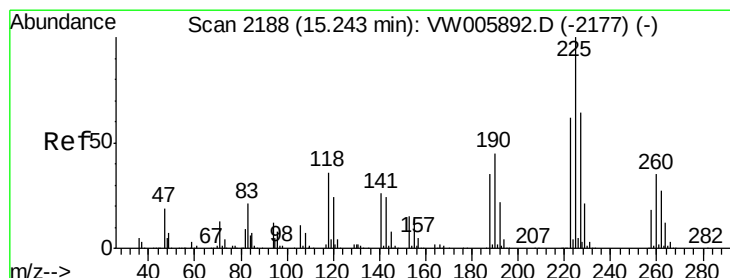
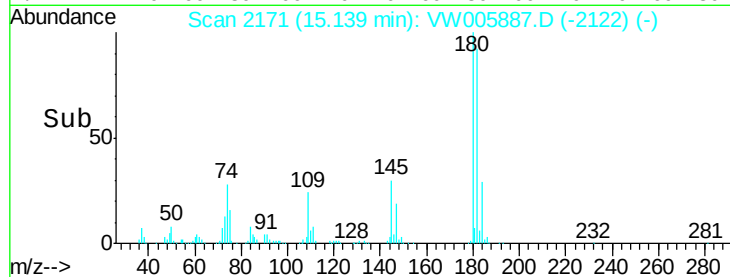
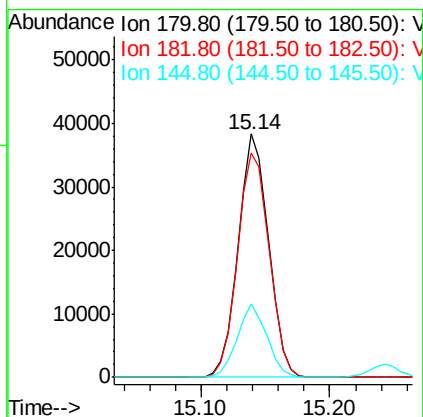
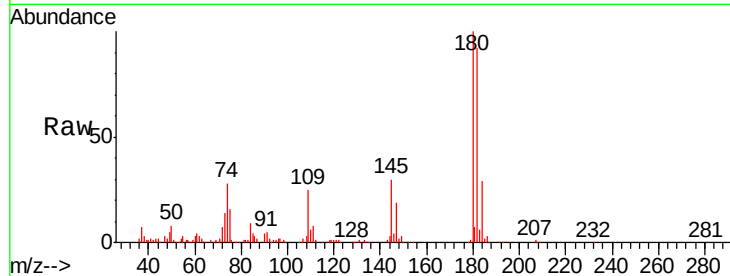
#93
 1,2,4-Trichlorobenzene
 Concen: 10.05 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW005887.D
 Acq: 08 Oct 2018 10:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	62299		
182	96.0	47.8	143.3	
145	29.6	14.5	43.6	

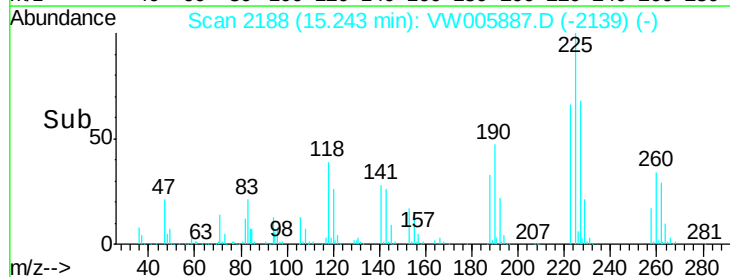
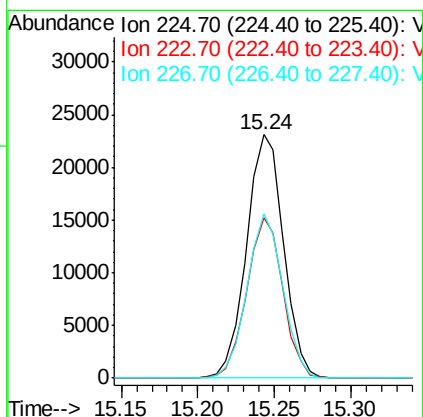
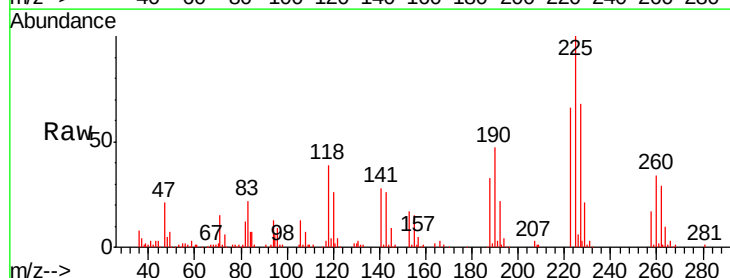
Manual Integrations
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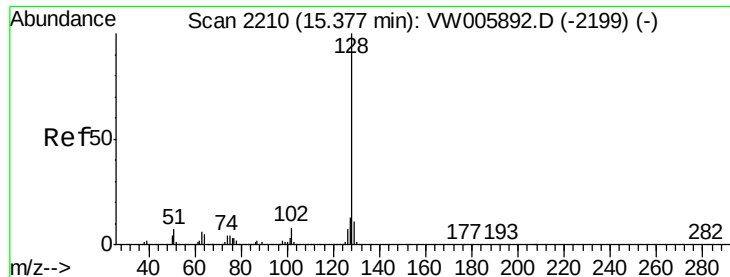
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#94
 Hexachlorobutadiene
 Concen: 10.02 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW005887.D
 Acq: 08 Oct 2018 10:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	38798		
223	64.1	31.2	93.6	
227	65.4	31.9	95.9	





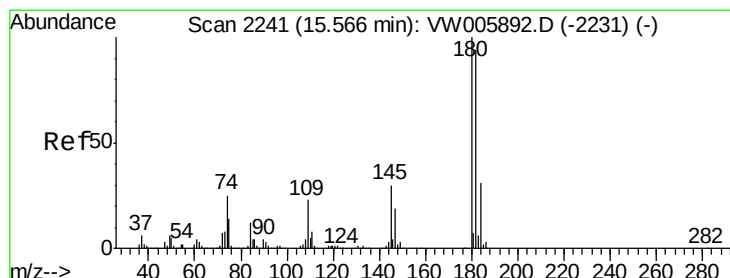
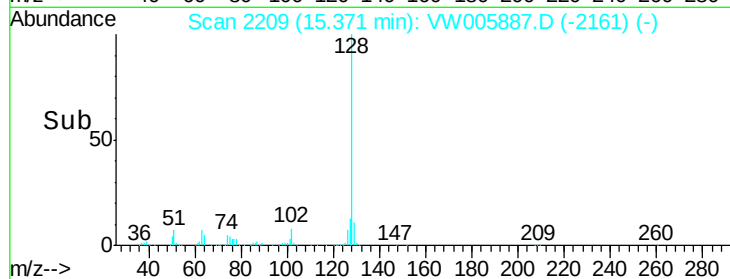
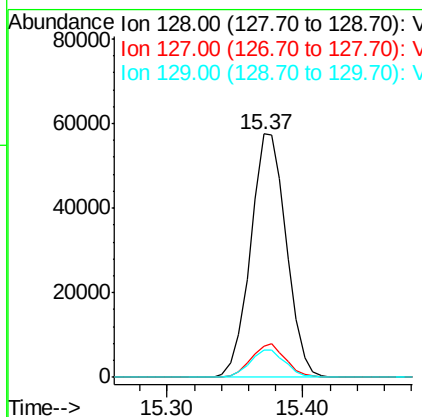
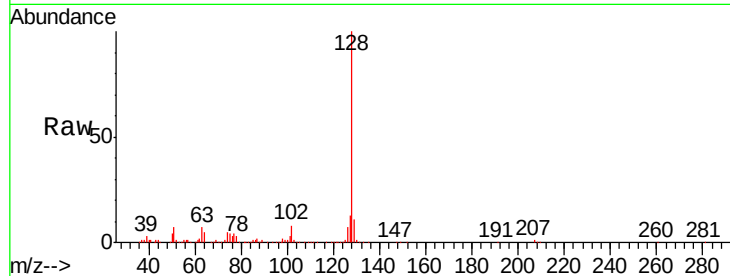
#95
Naphthalene
Concen: 9.90 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW005887.D
Acq: 08 Oct 2018 10:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	105842		
127	13.3	10.5	15.7	
129	11.4	8.9	13.3	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 10.09 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005887.D
Acq: 08 Oct 2018 10:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	54166		
182	94.5	47.6	142.8	
145	30.9	15.3	45.9	

