

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
 Data File : VW005910.D
 Acq On : 08 Oct 2018 23:19
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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Quant Time: Oct 09 07:37:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	274556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	406922	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	376828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	210580	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	130197	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
35) Dibromofluoromethane	7.88	113	132455	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
50) Toluene-d8	10.33	98	501244	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
62) 4-Bromofluorobenzene	12.62	95	189206	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.01	85	60033	44.62	ug/l	99
3) Chloromethane	2.21	50	72248	45.65	ug/l	100
4) Vinyl Chloride	2.37	62	130244	51.84	ug/l	98
5) Bromomethane	2.78	94	113788	57.38	ug/l	98
6) Chloroethane	2.93	64	87457	54.63	ug/l	99
7) Trichlorofluoromethane	3.26	101	102772	51.53	ug/l	96
8) Diethyl Ether	3.68	74	68248	55.60	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	123748	49.17	ug/l	98
10) Methyl Iodide	4.26	142	221415	53.79	ug/l	99
11) Tert butyl alcohol	5.22	59	46463	237.86	ug/l	97
12) 1,1-Dichloroethene	4.03	96	119848	49.59	ug/l	97
13) Acrolein	3.90	56	40356	231.83	ug/l	97
14) Allyl chloride	4.66	41	195544	47.44	ug/l	98
15) Acrylonitrile	5.37	53	133268	249.49	ug/l	100
16) Acetone	4.14	43	110873	208.26	ug/l	95
17) Carbon Disulfide	4.38	76	368521	50.43	ug/l	100
18) Methyl Acetate	4.68	43	69533	51.76	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	200196	53.24	ug/l	98
20) Methylene Chloride	4.91	84	133483	50.04	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	138665	52.64	ug/l	98
22) Diisopropyl ether	6.32	45	391351	50.79	ug/l	96
23) Vinyl Acetate	6.26	43	1162465	245.13	ug/l	99
24) 1,1-Dichloroethane	6.21	63	238231	50.53	ug/l	99
25) 2-Butanone	7.18	43	174038	229.84	ug/l	99
26) 2,2-Dichloropropane	7.17	77	151383	45.62	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	157610	52.91	ug/l	96
28) Bromochloromethane	7.51	49	78399	45.05	ug/l	96
29) Tetrahydrofuran	7.54	42	115413	241.11	ug/l	97
30) Chloroform	7.68	83	254400	52.53	ug/l	100
31) Cyclohexane	7.95	56	212107	45.46	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	220610	51.15	ug/l	99
36) 1,1-Dichloropropene	8.08	75	196154	50.31	ug/l	100
37) Ethyl Acetate	7.26	43	80778	48.92	ug/l	99
38) Carbon Tetrachloride	8.07	117	211760	50.55	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	255616	49.70	ug/l	99
40) Benzene	8.32	78	556878	52.18	ug/l	100
41) Methacrylonitrile	7.49	41	53905	52.15	ug/l	94
42) 1,2-Dichloroethane	8.40	62	165558	51.35	ug/l	99
43) Isopropyl Acetate	8.43	43	174552	50.61	ug/l	99
44) Trichloroethene	9.09	130	163881	52.93	ug/l	98
45) 1,2-Dichloropropane	9.37	63	136811	51.22	ug/l	99
46) Dibromomethane	9.46	93	77091	52.51	ug/l	98
47) Bromodichloromethane	9.65	83	190053	51.44	ug/l	98
48) Methyl methacrylate	9.44	41	81730	49.74	ug/l	98
49) 1,4-Dioxane	9.48	88	24601	1103.17	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	419375	249.69	ug/l	99
52) Toluene	10.39	92	365586	52.15	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	193977	50.24	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	218518	50.35	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	106646	52.45	ug/l	99
56) Ethyl methacrylate	10.65	69	141182	51.51	ug/l	97
57) 1,3-Dichloropropane	10.93	76	179166	52.37	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	253113	226.97	ug/l	99
59) 2-Hexanone	10.97	43	289742	240.59	ug/l	98
60) Dibromochloromethane	11.13	129	139911	53.32	ug/l	99
61) 1,2-Dibromoethane	11.24	107	109271	53.78	ug/l	99
64) Tetrachloroethene	10.87	164	154468	55.03	ug/l	98
65) Chlorobenzene	11.66	112	421633	52.24	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	156397	52.86	ug/l	99
67) Ethyl Benzene	11.74	91	732908	51.41	ug/l	98
68) m/p-Xylenes	11.84	106	575213	103.24	ug/l	99
69) o-Xylene	12.17	106	277863	52.09	ug/l	99
70) Styrene	12.18	104	464136	52.44	ug/l	99
71) Bromoform	12.35	173	92991	52.77	ug/l #	99
73) Isopropylbenzene	12.47	105	766534	49.84	ug/l	100
74) N-amyl acetate	12.27	43	173615	47.53	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	125257	49.69	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	78353m	41.65	ug/l	
77) Bromobenzene	12.75	156	190943	52.41	ug/l	97
78) n-propylbenzene	12.81	91	892271	49.32	ug/l	100
79) 2-Chlorotoluene	12.90	91	510052	49.94	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	652531	50.26	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	39858	44.73	ug/l	98
82) 4-Chlorotoluene	12.99	91	541416	50.39	ug/l	99
83) tert-Butylbenzene	13.21	119	583804	50.55	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	666302	50.87	ug/l	100
85) sec-Butylbenzene	13.39	105	816483	50.37	ug/l	100
86) p-Isopropyltoluene	13.51	119	739976	50.76	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	377025	52.08	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	373008	51.86	ug/l	99
89) n-Butylbenzene	13.83	91	675246	49.14	ug/l	100
90) Hexachloroethane	14.10	117	137523	50.16	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	338106	52.61	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22509	47.92	ug/l	96

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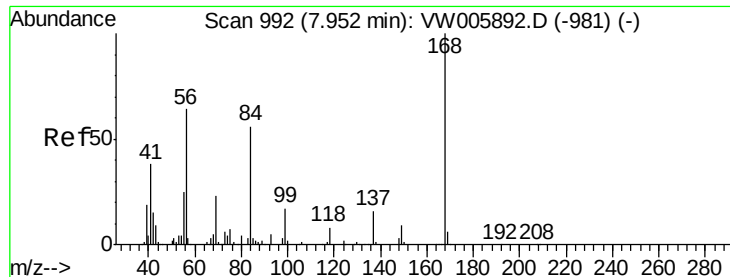
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	257095	51.59	ug/l	99
94) Hexachlorobutadiene	15.24	225	158723	51.03	ug/l	100
95) Naphthalene	15.38	128	447404	52.09	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	223735	51.85	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: VW005910.D

Acq: 08 Oct 2018 23:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 274556

Ion Ratio Lower Upper

168 100

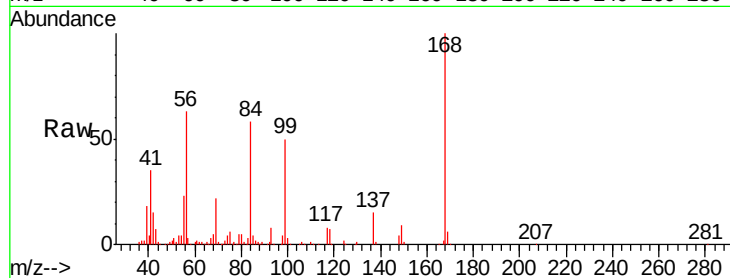
99 49.6 40.9 61.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

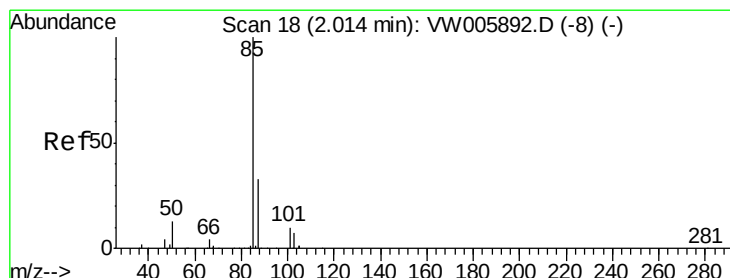
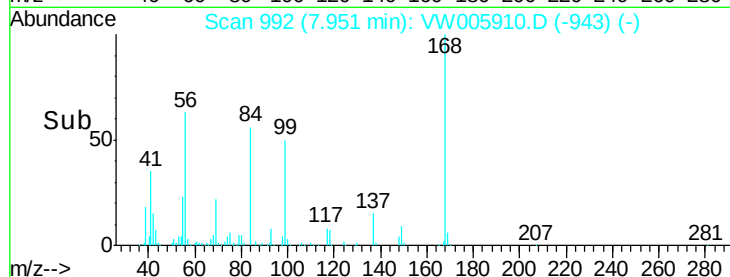
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.62 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW005910.D

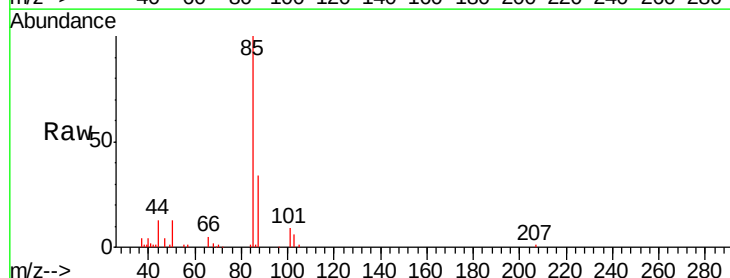
Acq: 08 Oct 2018 23:19

Tgt Ion: 85 Resp: 60033

Ion Ratio Lower Upper

85 100

87 34.0 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

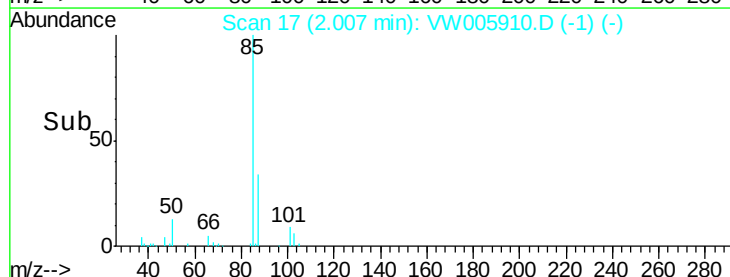
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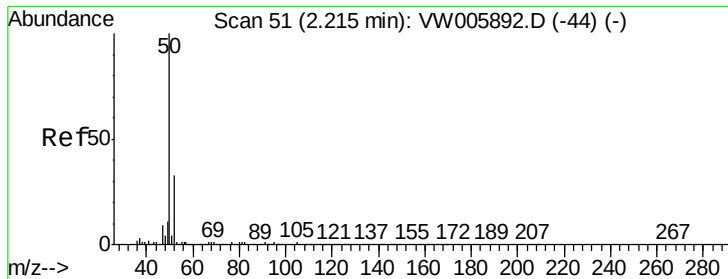
10000

5000

0

Time-->





#3

Chloromethane

Concen: 45.65 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005910.D

Acq: 08 Oct 2018 23:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 72248

Ion Ratio Lower Upper

50 100

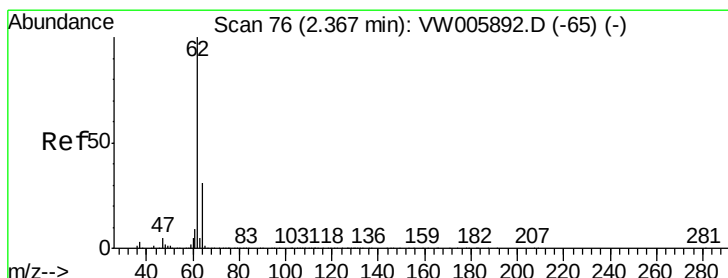
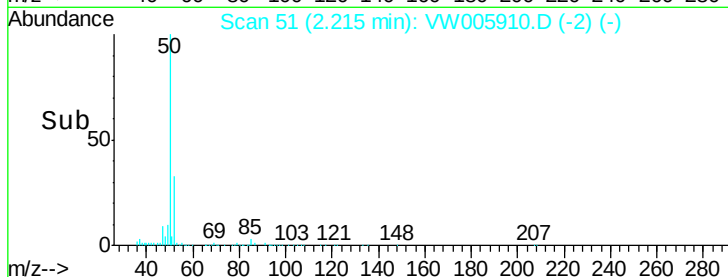
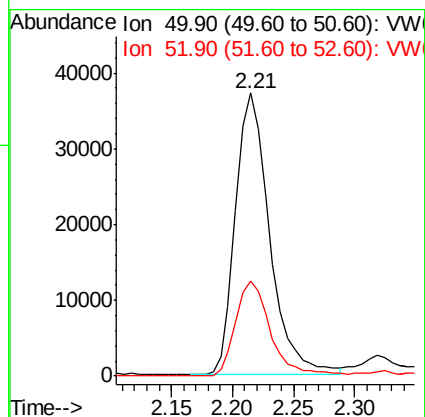
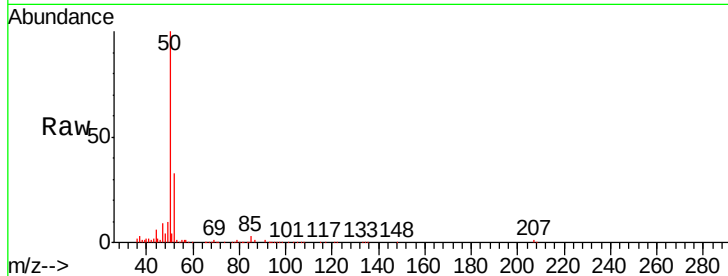
52 33.6 26.7 40.1

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#4

Vinyl Chloride

Concen: 51.84 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW005910.D

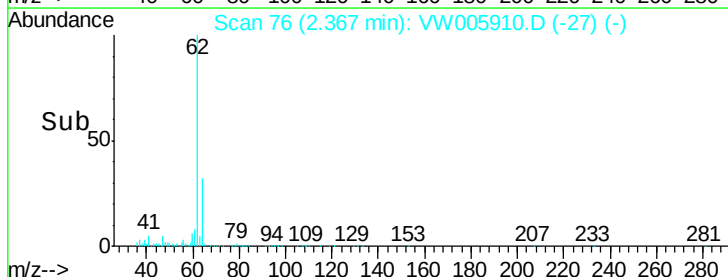
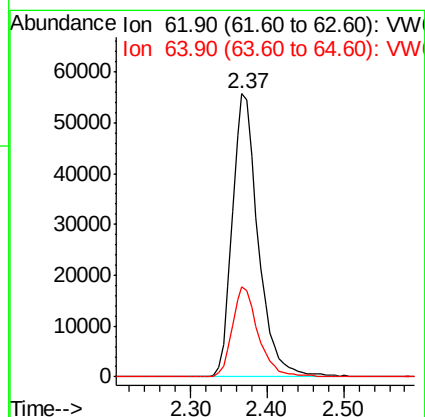
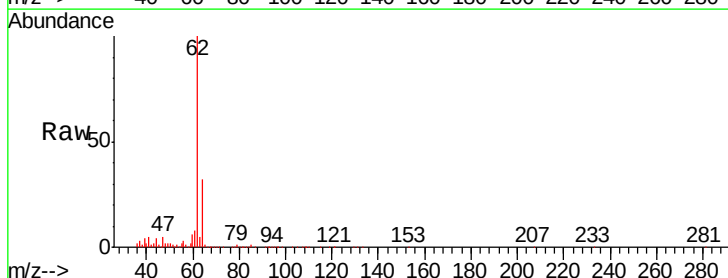
Acq: 08 Oct 2018 23:19

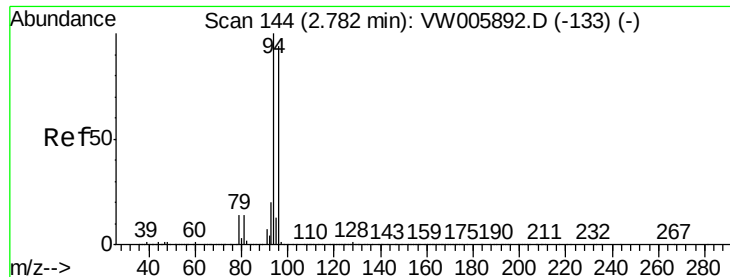
Tgt Ion: 62 Resp: 130244

Ion Ratio Lower Upper

62 100

64 32.0 24.6 36.8





#5

Bromomethane

Concen: 57.38 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW005910.D

Acq: 08 Oct 2018 23:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 113788

Ion Ratio Lower Upper

94 100

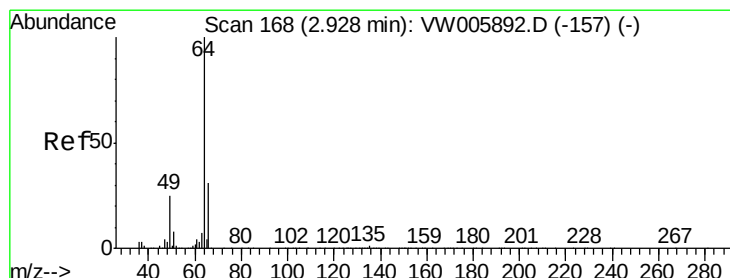
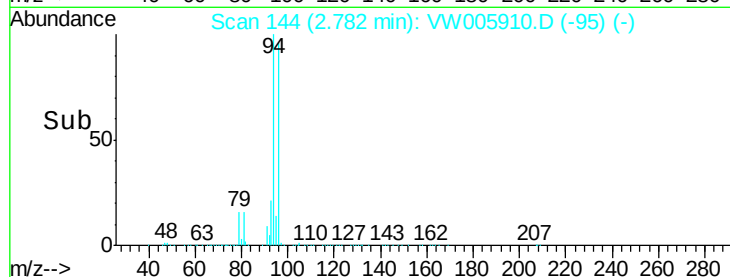
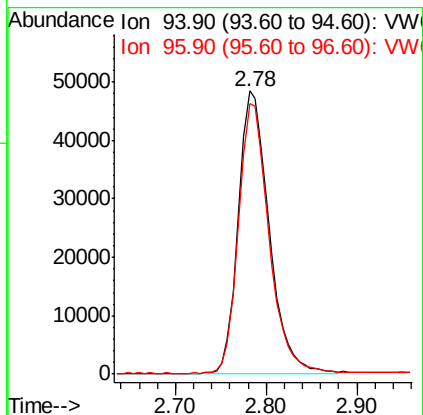
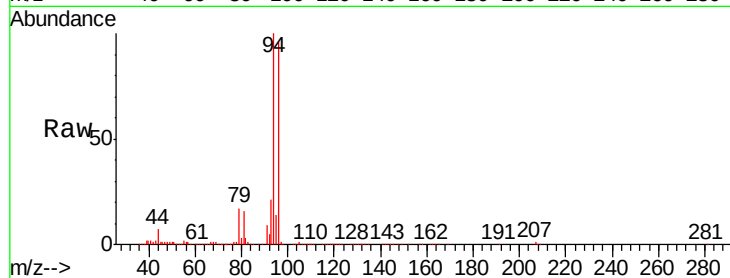
96 95.6 75.0 112.4

Manual Integrations

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#6

Chloroethane

Concen: 54.63 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW005910.D

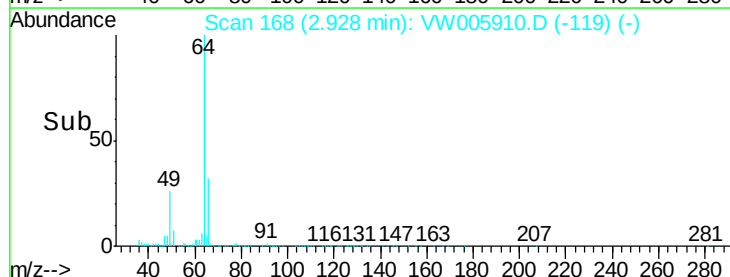
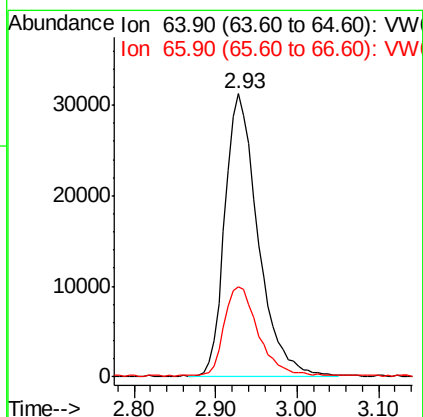
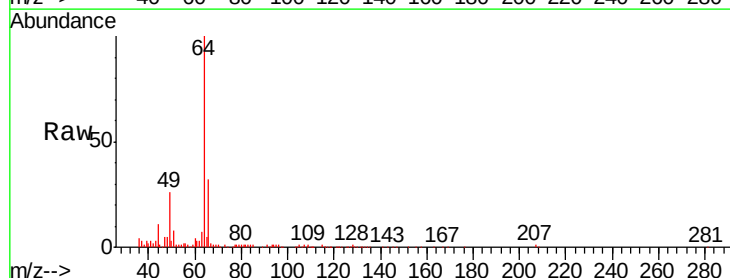
Acq: 08 Oct 2018 23:19

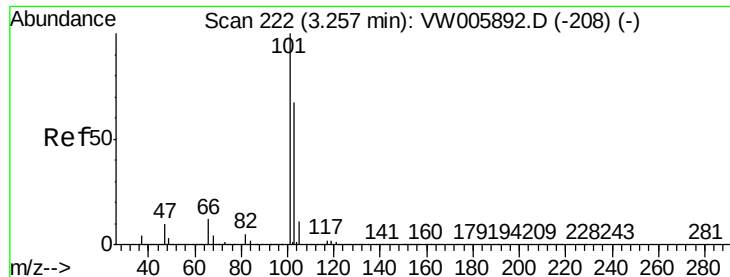
Tgt Ion: 64 Resp: 87457

Ion Ratio Lower Upper

64 100

66 31.6 25.0 37.4





#7

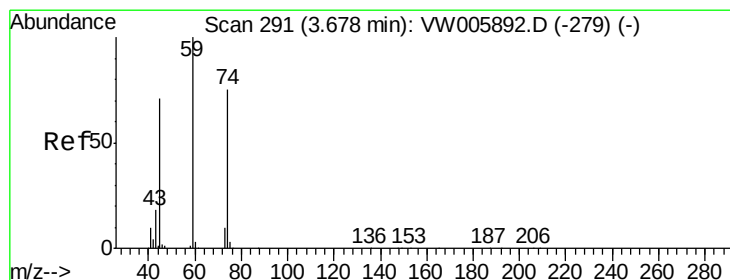
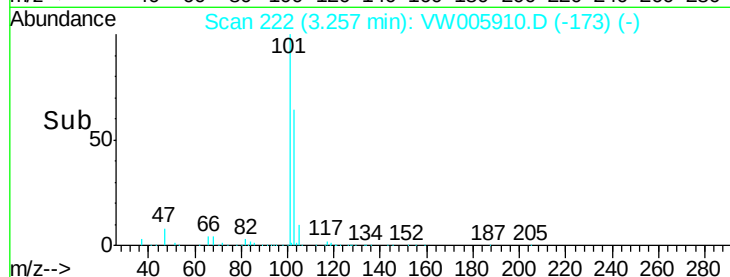
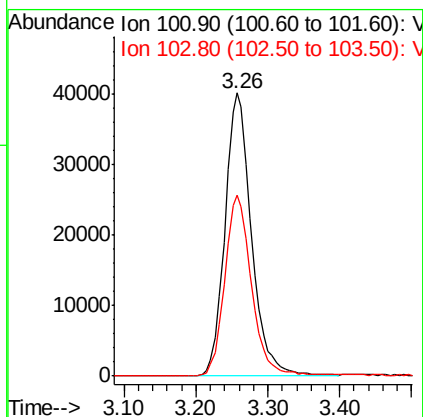
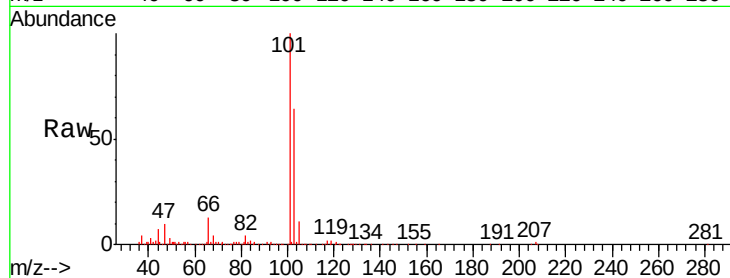
Trichlorofluoromethane
Concen: 51.53 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.00 min
Lab File: VW005910.D
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Tgt Ion	Ratio	Resp	Lower	Upper
101	100	102772		
103	63.8	53.5	80.3	

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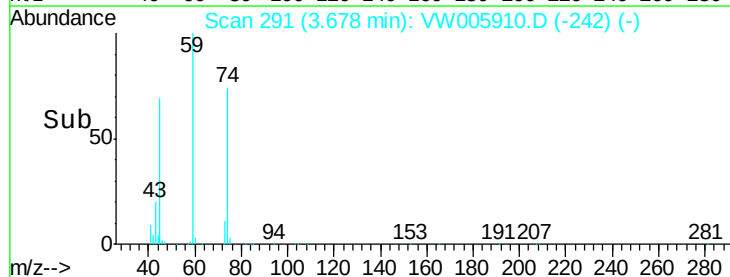
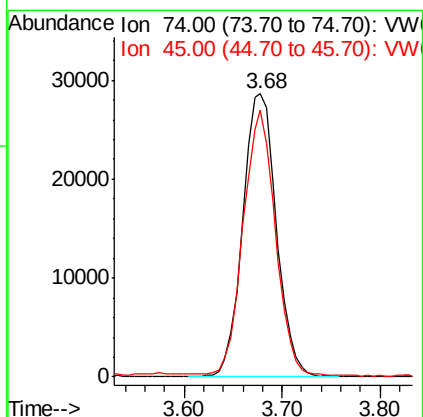
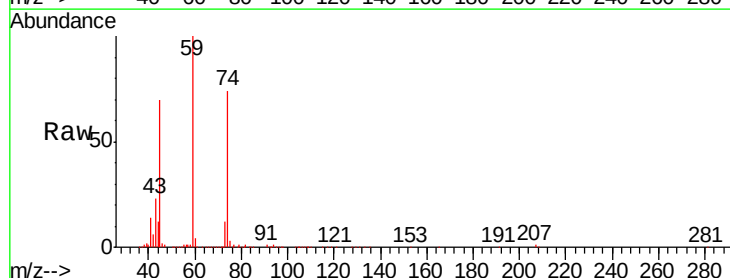
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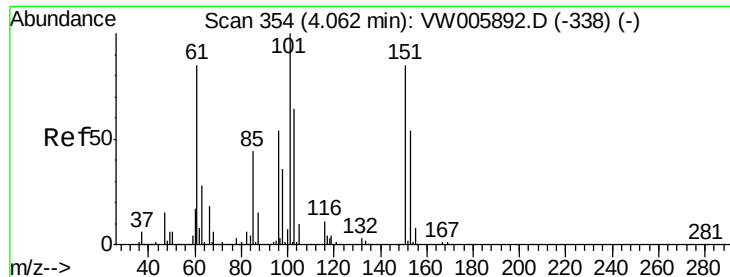


#8

Diethyl Ether
Concen: 55.60 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW005910.D
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Tgt Ion	Ratio	Resp	Lower	Upper
74	100	68248		
45	89.6	46.8	140.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.17 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW005910.D

Acq: 08 Oct 2018 23:19

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MSVOA_W

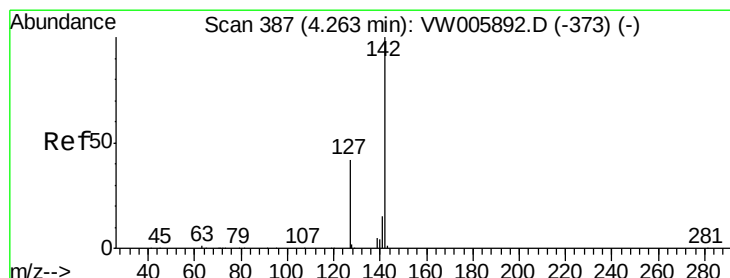
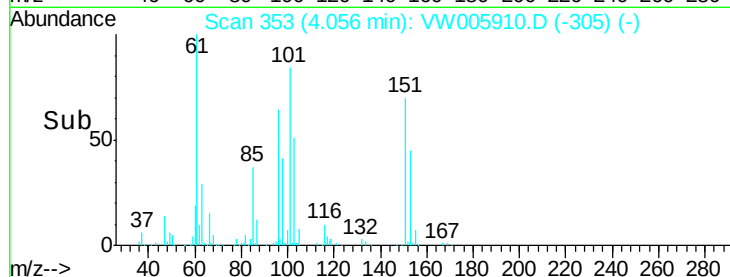
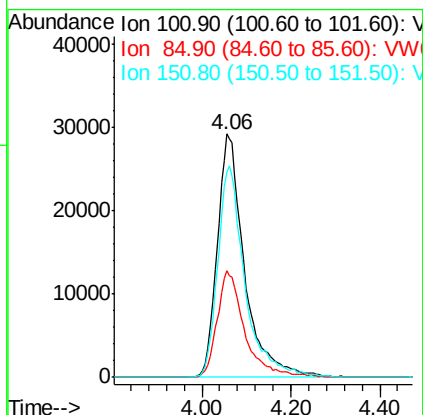
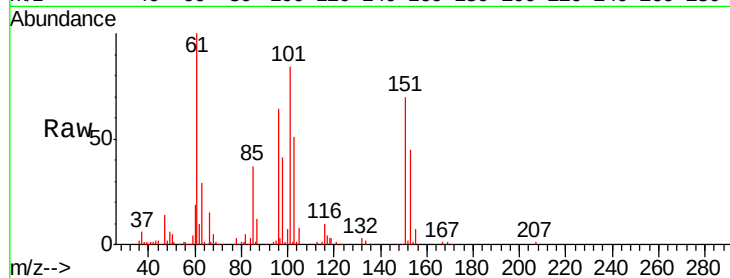
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	123748
Ion Ratio	Lower	Upper	
101	100		
85	44.4	35.1	52.7
151	86.9	67.7	101.5

Manual Integrations
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#10

Methyl Iodide

Concen: 53.79 ug/l

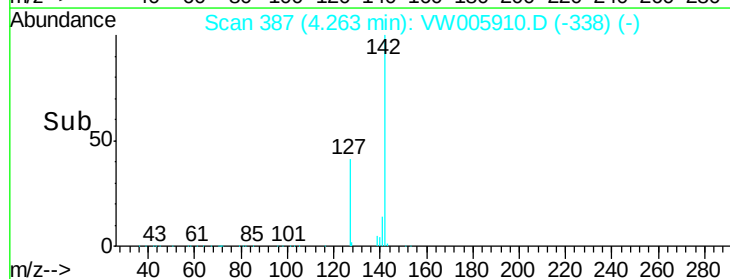
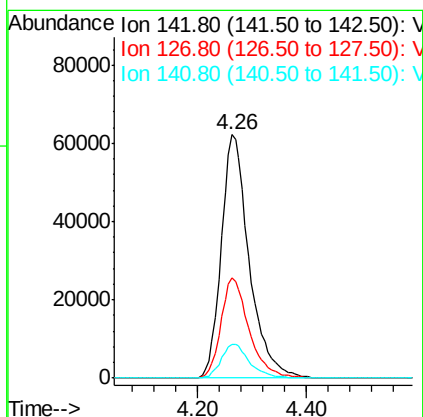
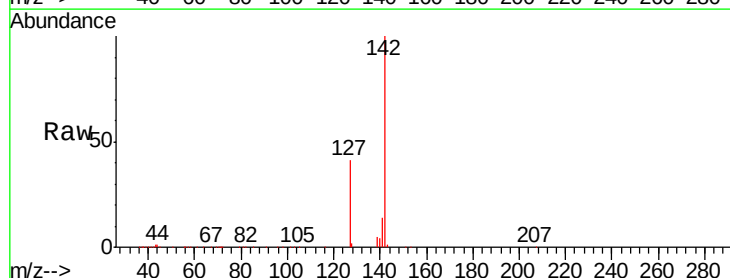
RT: 4.26 min Scan# 387

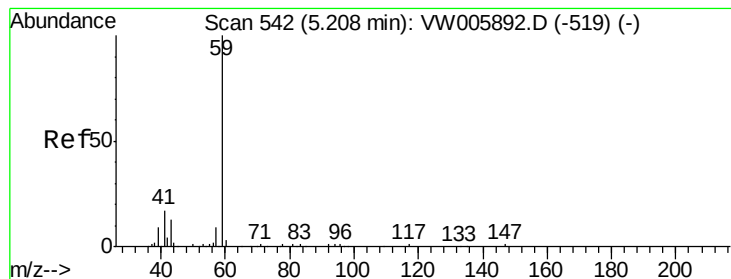
Delta R.T. -0.00 min

Lab File: VW005910.D

Acq: 08 Oct 2018 23:19

Tgt Ion:	142	Resp:	221415
Ion Ratio	Lower	Upper	
142	100		
127	41.5	33.7	50.5
141	14.2	11.5	17.3





#11

Tert butyl alcohol

Concen: 237.86 ug/l

RT: 5.22 min Scan# 544

Delta R.T. 0.01 min

Lab File: VW005910.D

Acq: 08 Oct 2018 23:19

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tgt Ion: 59 Resp: 46463

Ion Ratio Lower Upper

59 100

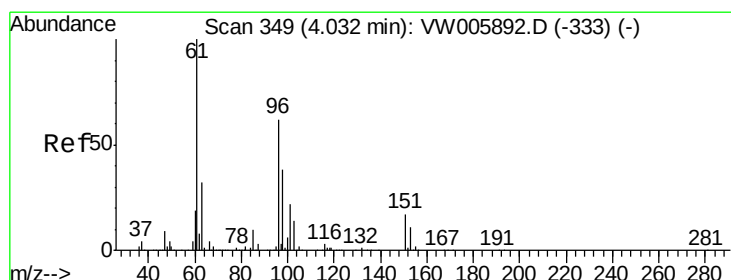
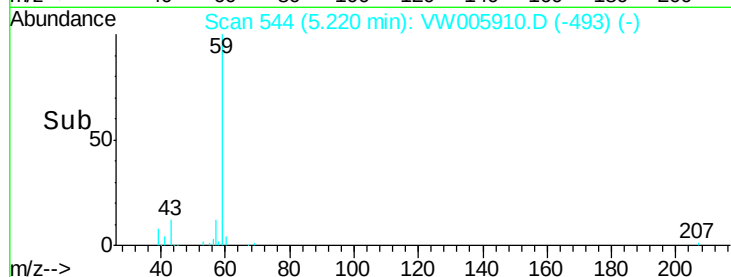
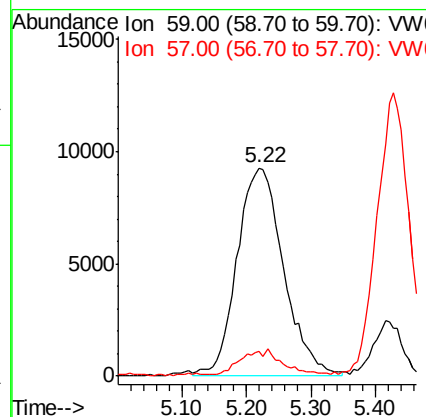
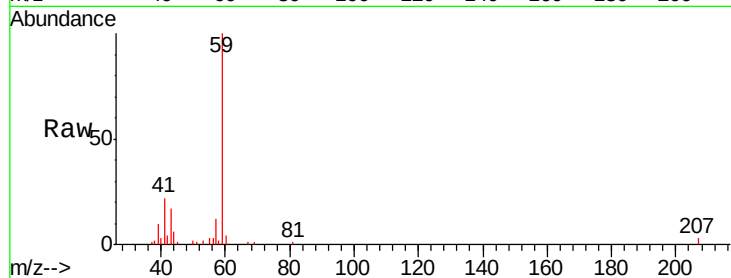
57 10.7 7.7 11.5

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 49.59 ug/l

RT: 4.03 min Scan# 349

Delta R.T. -0.00 min

Lab File: VW005910.D

Acq: 08 Oct 2018 23:19

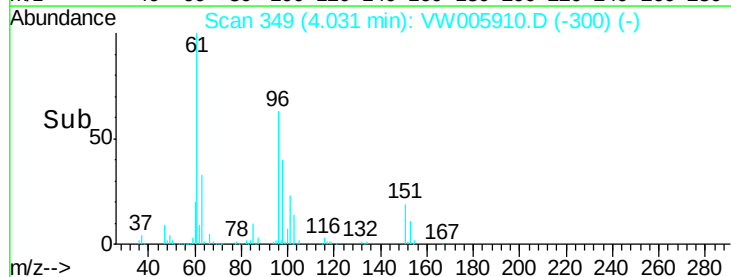
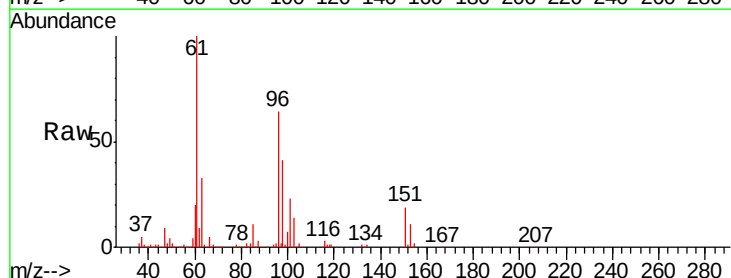
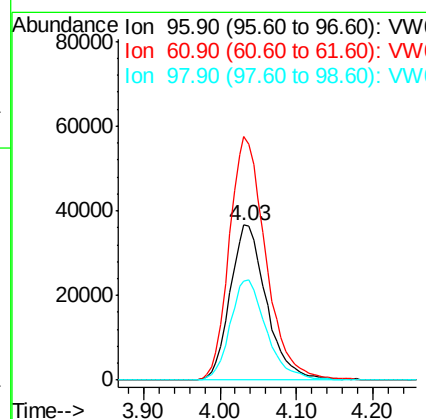
Tgt Ion: 96 Resp: 119848

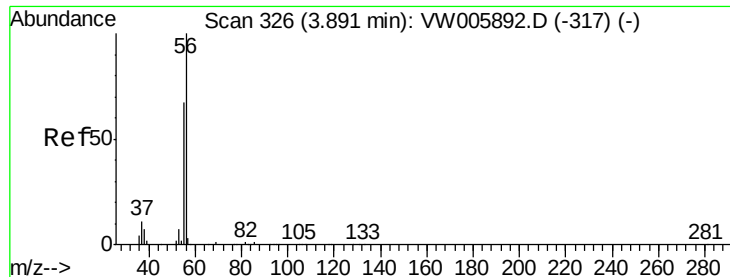
Ion Ratio Lower Upper

96 100

61 157.1 128.6 193.0

98 63.8 49.4 74.0





#13

Acrolein

Concen: 231.83 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW005910.D

Acq: 08 Oct 2018 23:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 40356

Ion Ratio Lower Upper

56 100

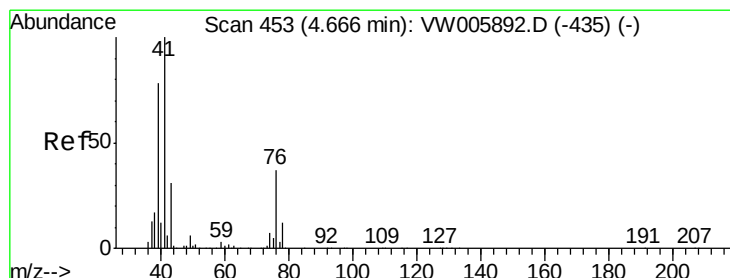
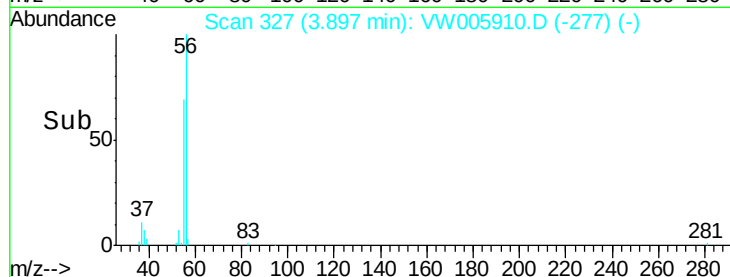
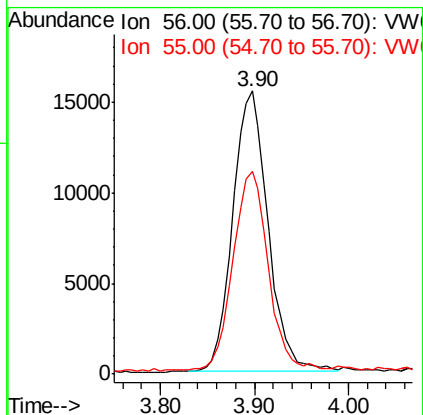
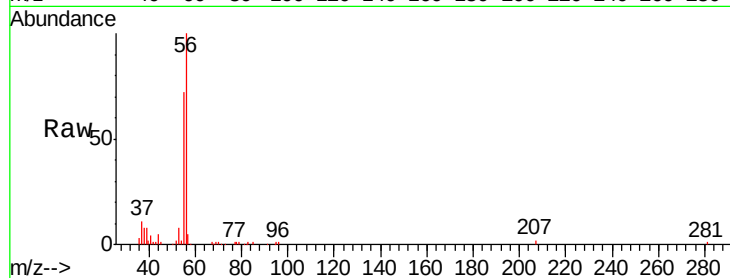
55 70.7 54.6 82.0

Manual Integrations

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#14

Allyl chloride

Concen: 47.44 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW005910.D

Acq: 08 Oct 2018 23:19

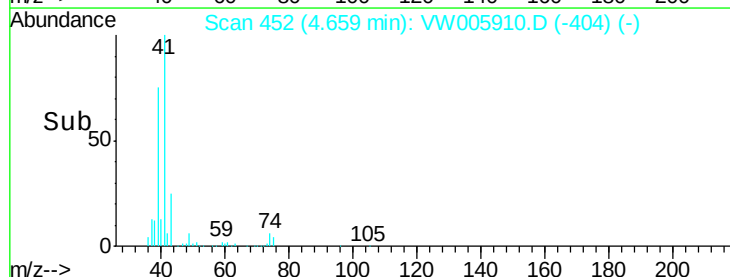
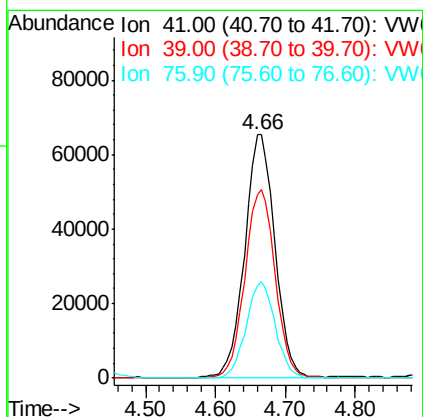
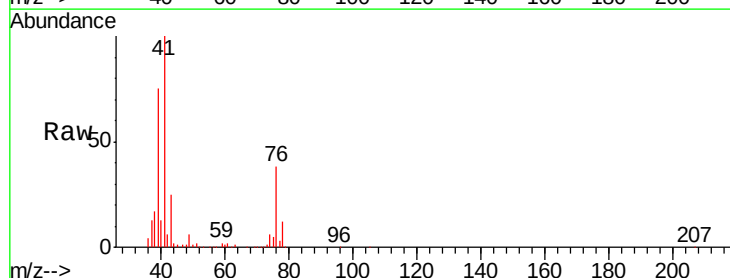
Tgt Ion: 41 Resp: 195544

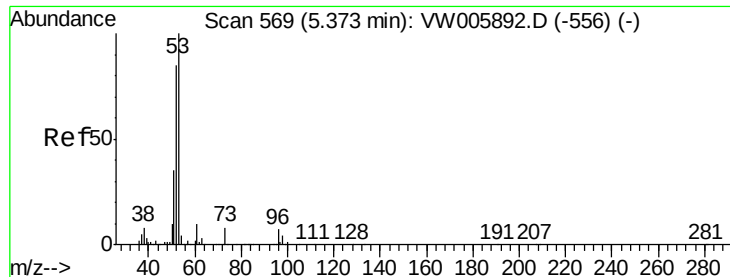
Ion Ratio Lower Upper

41 100

39 77.2 60.8 91.2

76 38.2 29.6 44.4





#15

Acrylonitrile

Concen: 249.49 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW005910.D

Acq: 08 Oct 2018 23:19

Instrument :

MSVOA_W

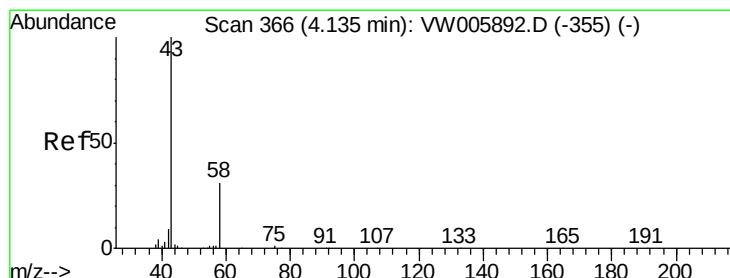
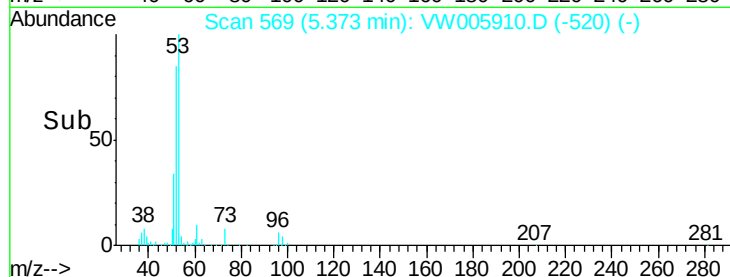
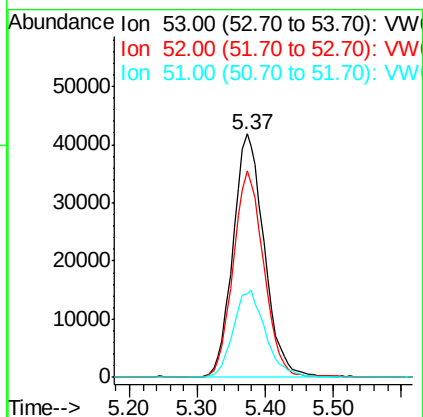
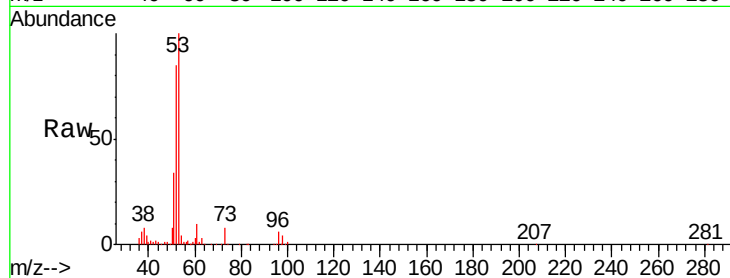
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	133268
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.8	100.2
51	37.1	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 208.26 ug/l

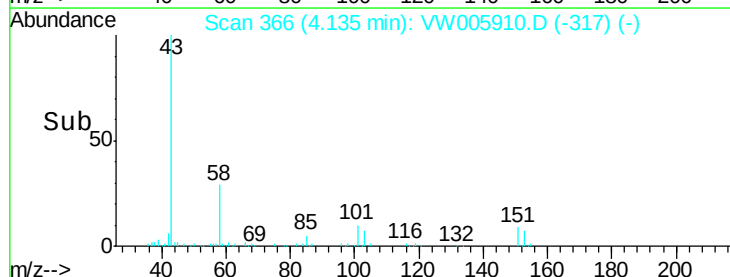
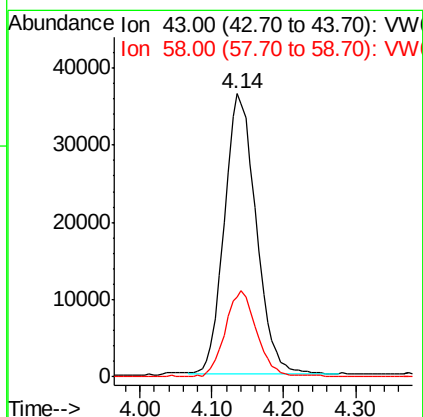
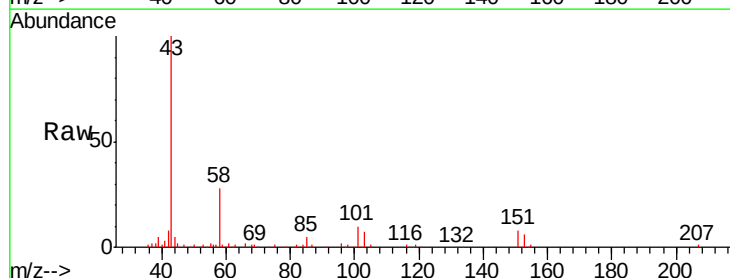
RT: 4.14 min Scan# 366

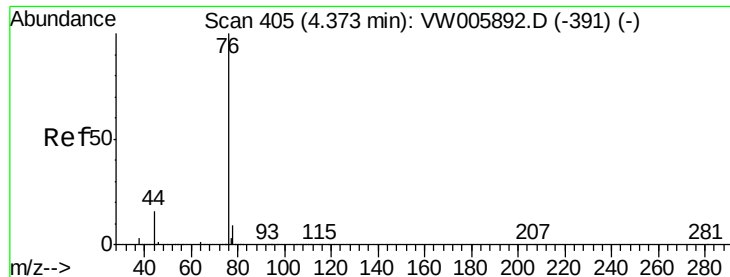
Delta R.T. -0.00 min

Lab File: VW005910.D

Acq: 08 Oct 2018 23:19

Tgt Ion:	43	Resp:	110873
Ion	Ratio	Lower	Upper
43	100		
58	28.1	24.7	37.1





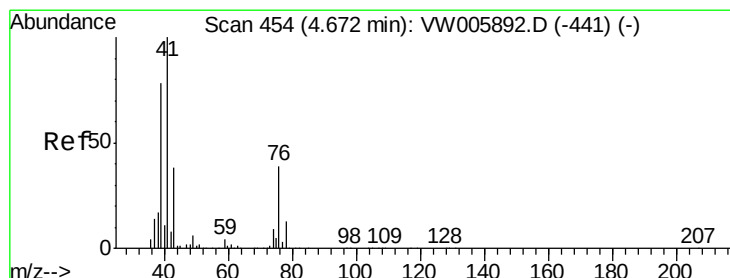
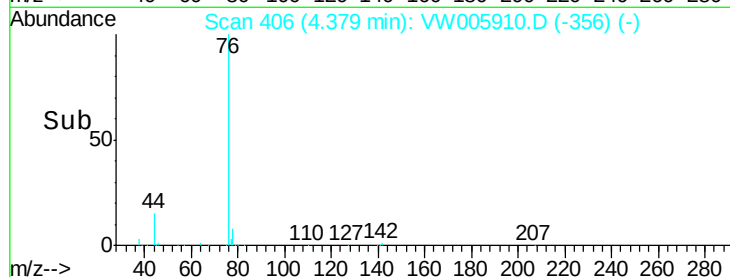
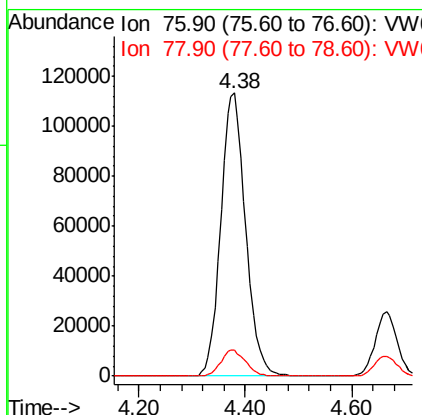
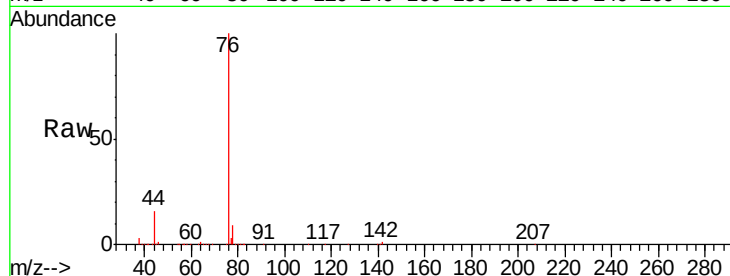
#17
Carbon Disulfide
Concen: 50.43 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW005910.D
Acq: 08 Oct 2018 23:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.0

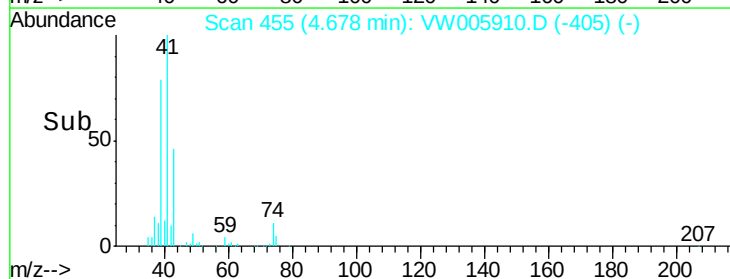
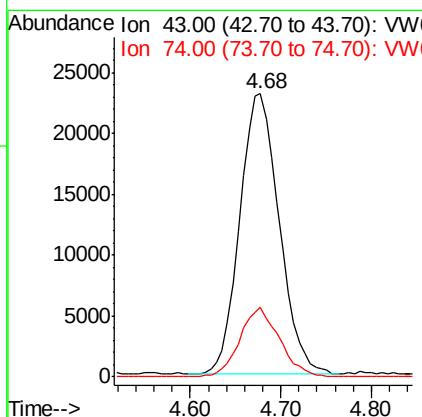
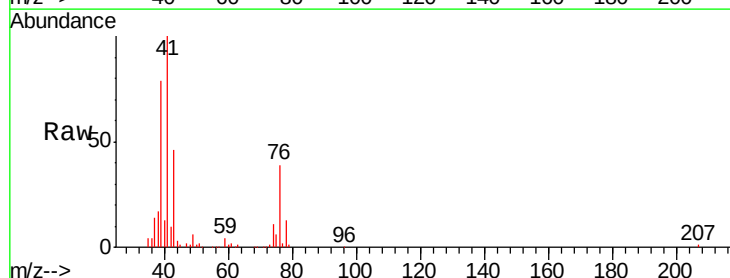
Manual Integrations
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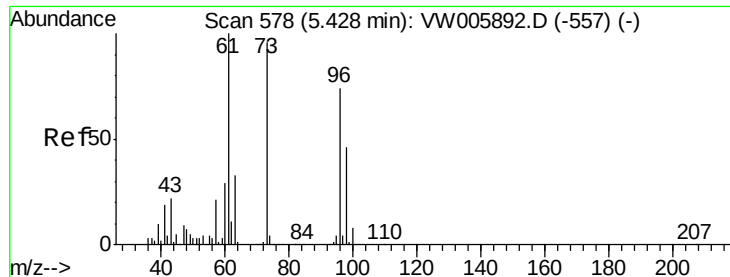
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#18
Methyl Acetate
Concen: 51.76 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW005910.D
Acq: 08 Oct 2018 23:19

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.8	19.2	28.8





#19

Methyl tert-butyl Ether

Concen: 53.24 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW005910.D

Acq: 08 Oct 2018 23:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 200196

Ion Ratio Lower Upper

73 100

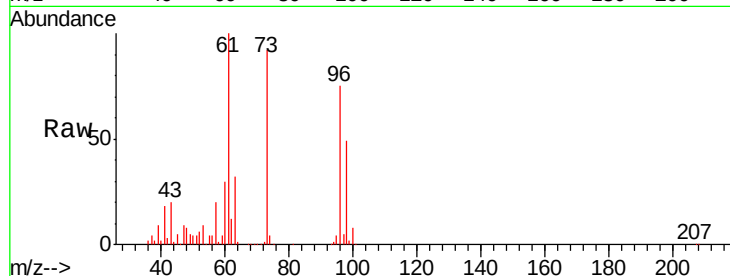
57 21.3 17.7 26.5

Manual Integrations

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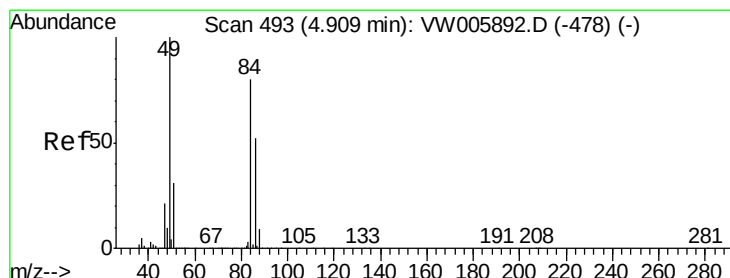
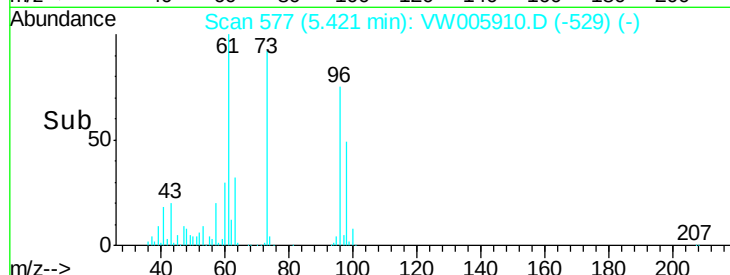
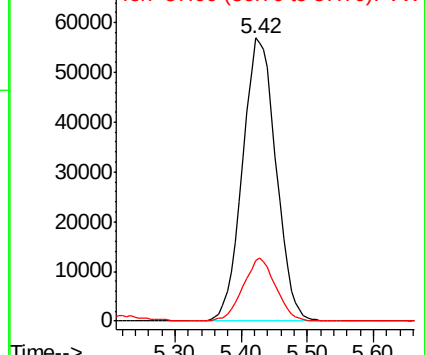
apatel

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Abundance Ion 73.00 (72.70 to 73.70): VW

Ion 57.00 (56.70 to 57.70): VW



#20

Methylene Chloride

Concen: 50.04 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.00 min

Lab File: VW005910.D

Acq: 08 Oct 2018 23:19

Tgt Ion: 84 Resp: 133483

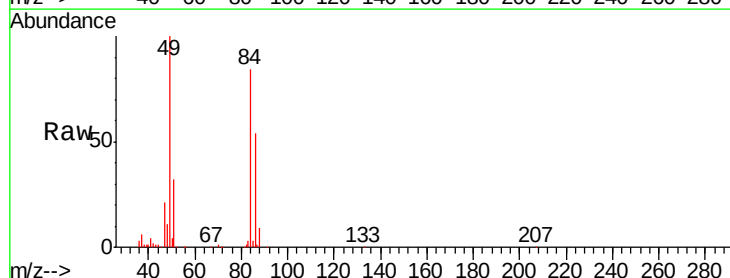
Ion Ratio Lower Upper

84 100

49 119.4 99.9 149.9

51 37.7 31.1 46.7

86 64.1 51.8 77.6

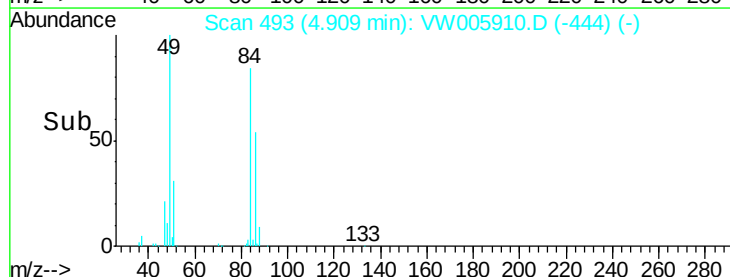
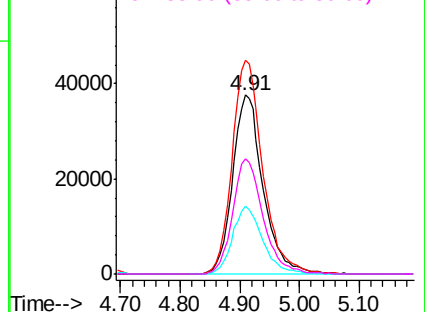


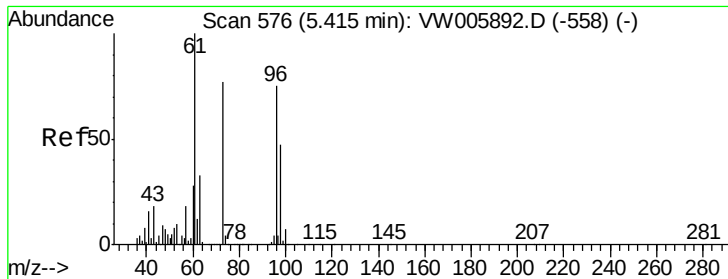
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#21

trans-1,2-Dichloroethene

Concen: 52.64 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW005910.D

Acq: 08 Oct 2018 23:19

Instrument :

MSVOA_W

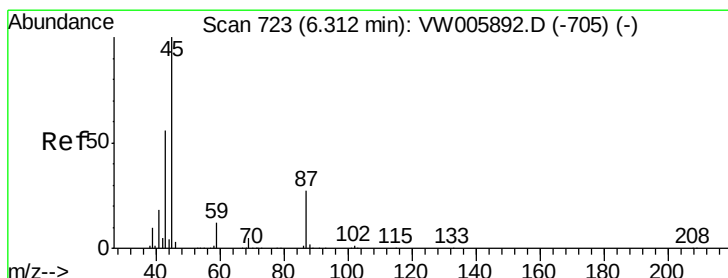
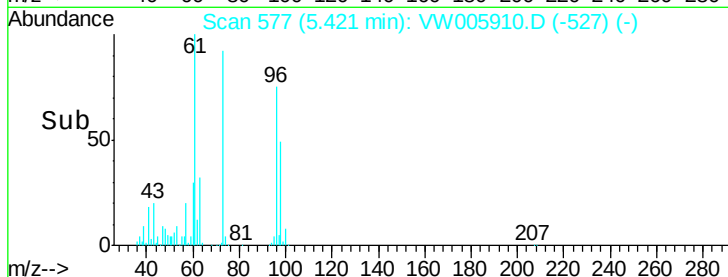
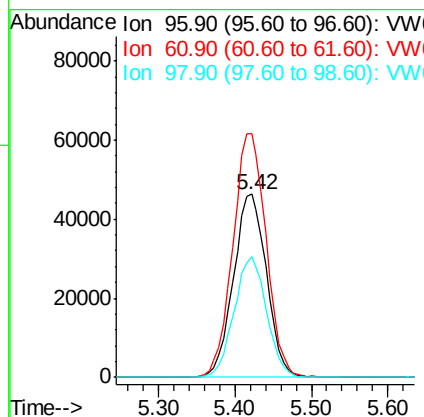
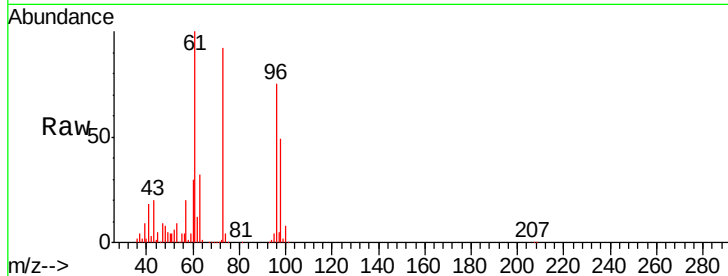
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	138665
Ion	Ratio	Lower	Upper
96	100		
61	132.8	107.4	161.0
98	65.6	50.8	76.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.79 ug/l

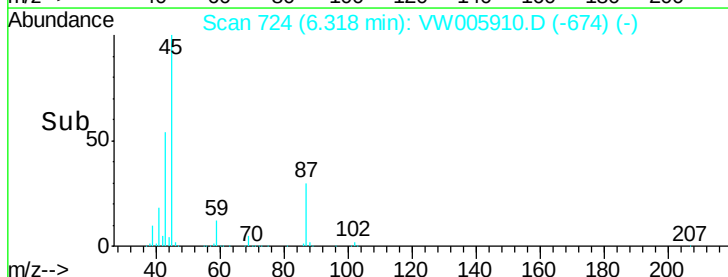
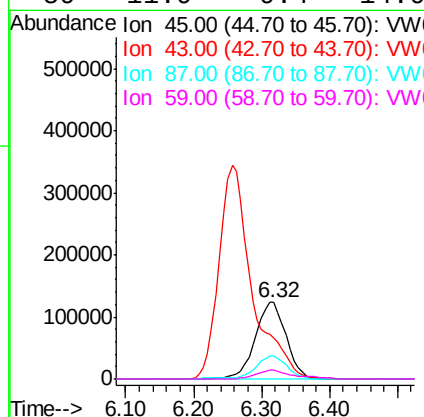
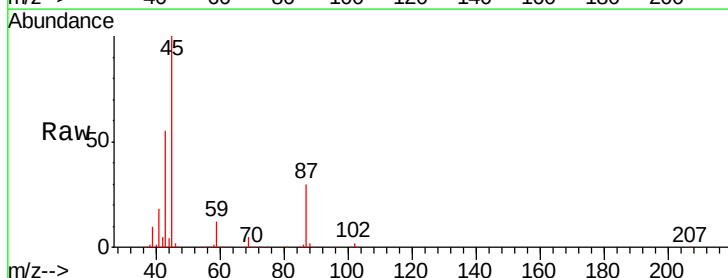
RT: 6.32 min Scan# 724

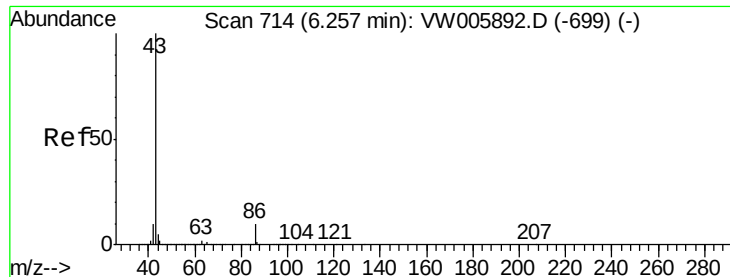
Delta R.T. 0.01 min

Lab File: VW005910.D

Acq: 08 Oct 2018 23:19

Tgt Ion:	45	Resp:	391351
Ion	Ratio	Lower	Upper
45	100		
43	54.0	45.9	68.9
87	29.6	22.2	33.4
59	11.9	9.4	14.0





#23

Vinyl Acetate

Concen: 245.13 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW005910.D

Acq: 08 Oct 2018 23:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1162465

Ion Ratio Lower Upper

43 100

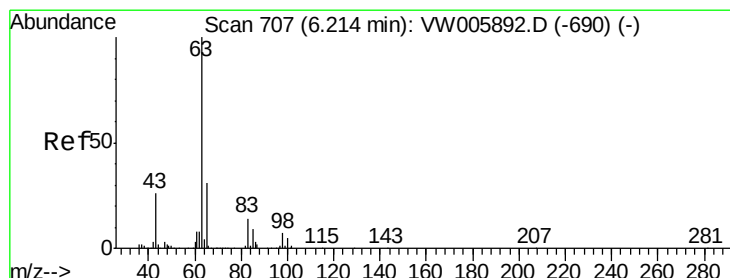
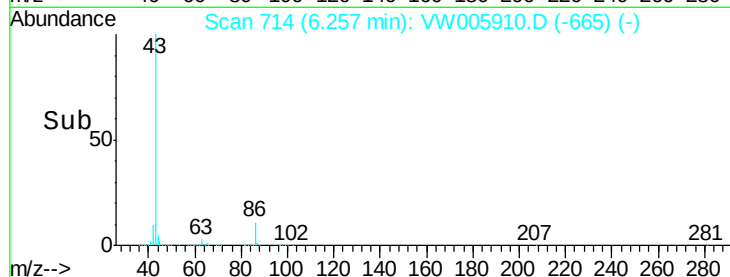
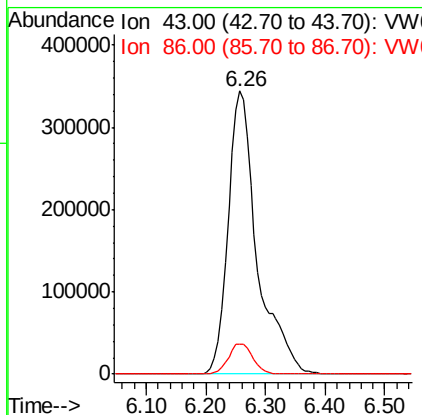
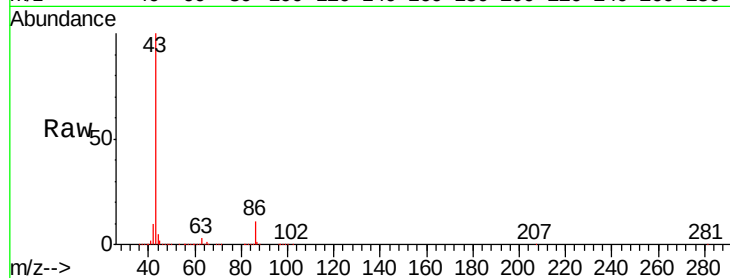
86 10.5 8.2 12.4

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#24

1,1-Dichloroethane

Concen: 50.53 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW005910.D

Acq: 08 Oct 2018 23:19

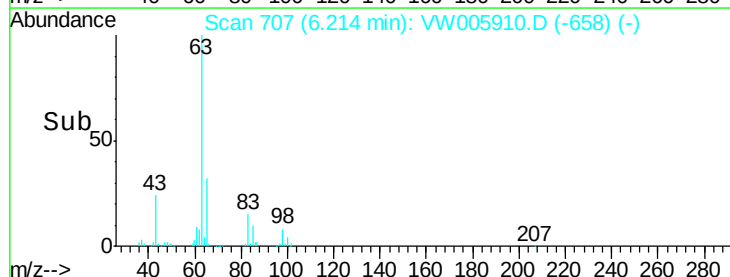
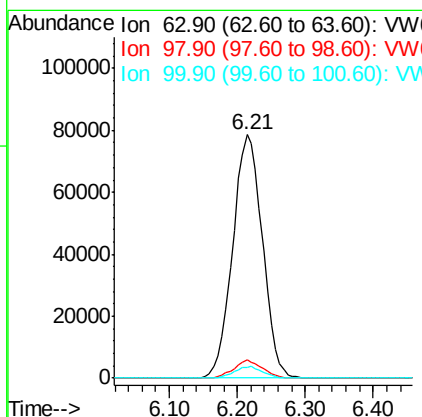
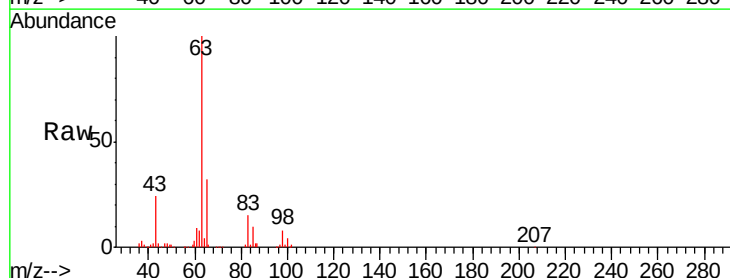
Tgt Ion: 63 Resp: 238231

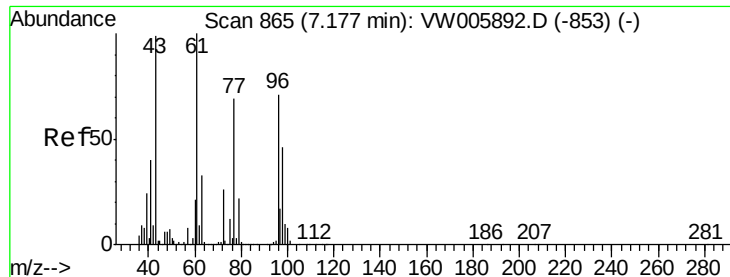
Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.6

100 4.4 2.4 7.1





#25

2-Butanone

Concen: 229.84 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005910.D

Acq: 08 Oct 2018 23:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 174038

Ion Ratio Lower Upper

43 100

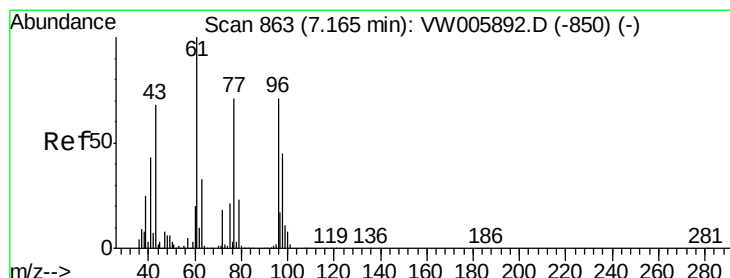
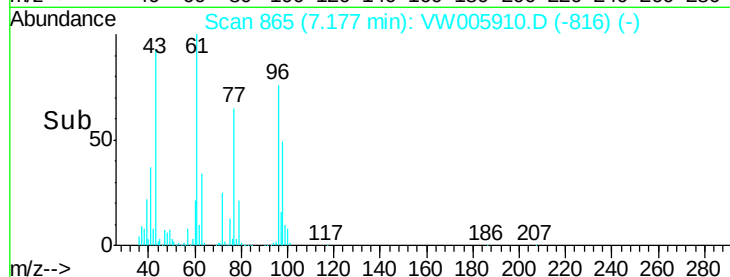
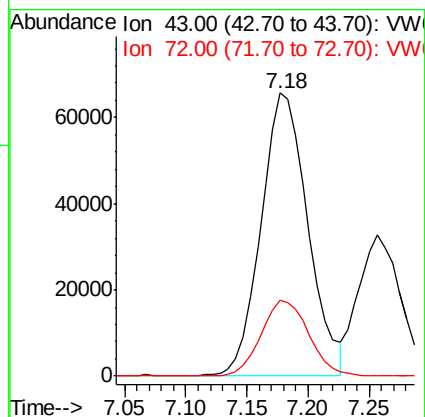
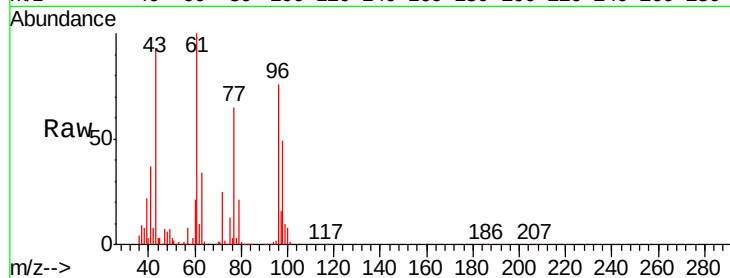
72 26.8 21.0 31.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 45.62 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW005910.D

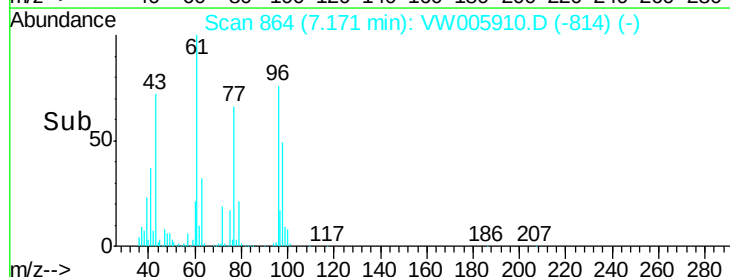
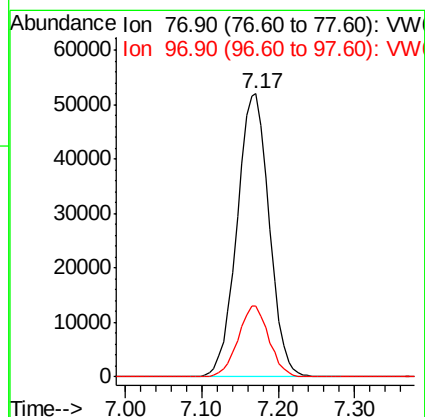
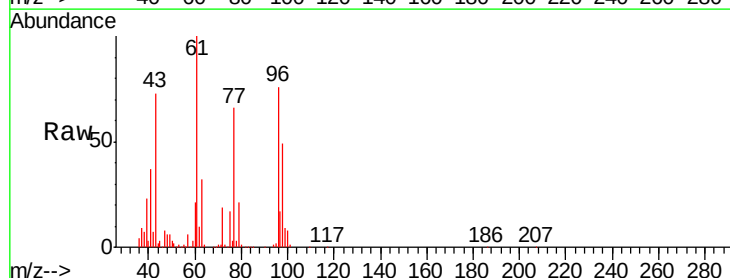
Acq: 08 Oct 2018 23:19

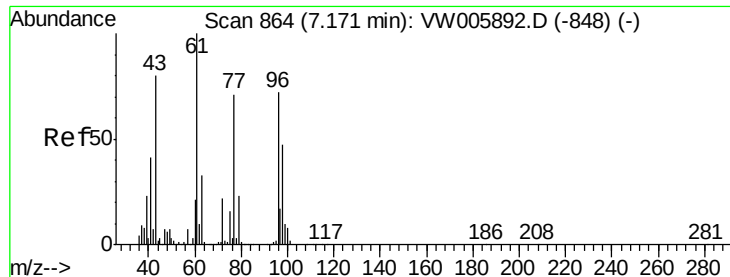
Tgt Ion: 77 Resp: 151383

Ion Ratio Lower Upper

77 100

97 24.0 11.9 35.7





#27

cis-1,2-Dichloroethene

Concen: 52.91 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW005910.D

Acq: 08 Oct 2018 23:19

Instrument :

MSVOA_W

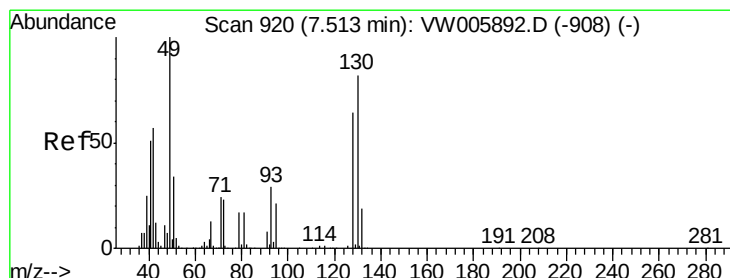
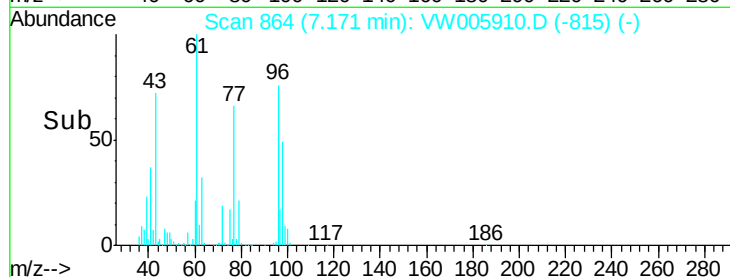
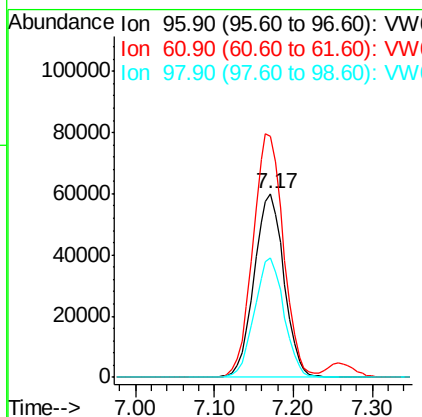
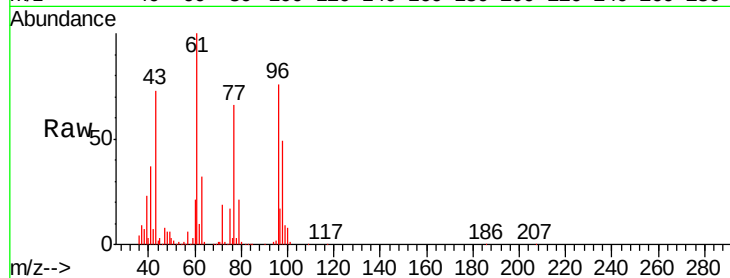
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	157610
Ion	Ratio	Lower	Upper
96	100		
61	135.2	0.0	284.0
98	64.4	0.0	129.8

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#28

Bromochloromethane

Concen: 45.05 ug/l

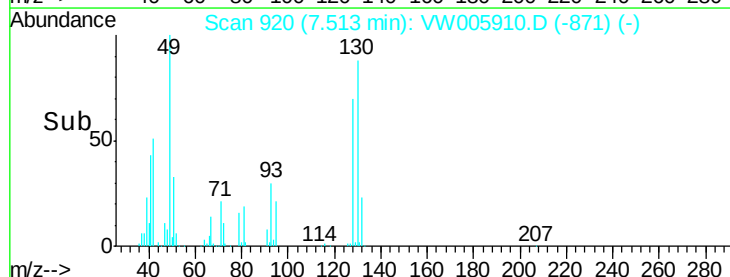
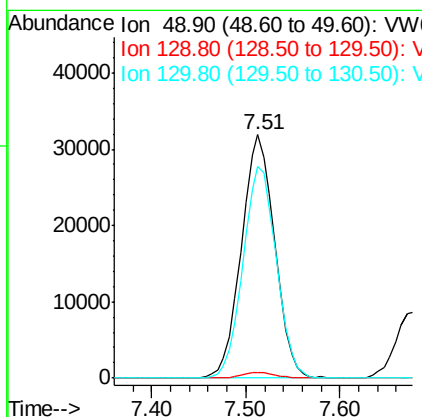
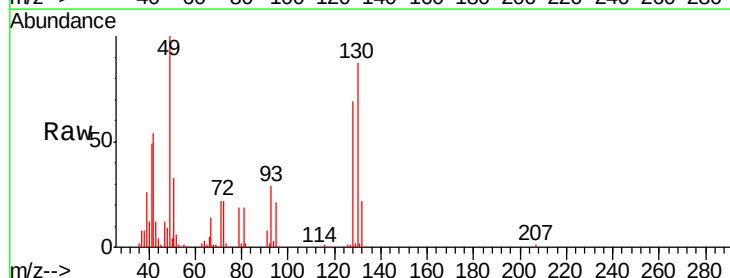
RT: 7.51 min Scan# 920

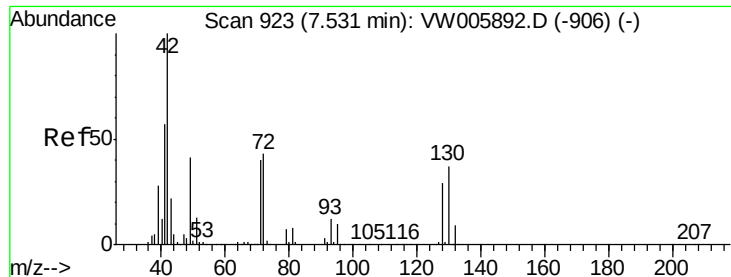
Delta R.T. -0.00 min

Lab File: VW005910.D

Acq: 08 Oct 2018 23:19

Tgt Ion:	49	Resp:	78399
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	87.3	66.9	100.3





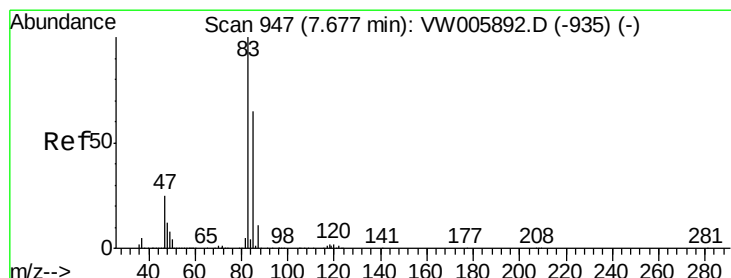
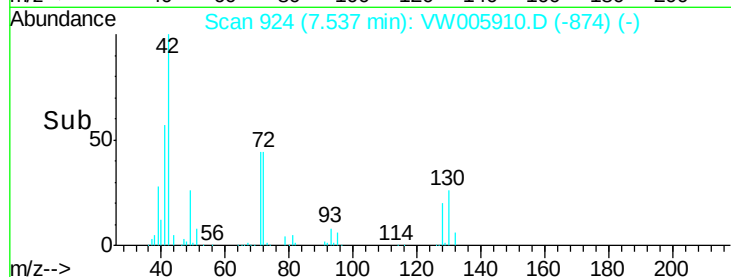
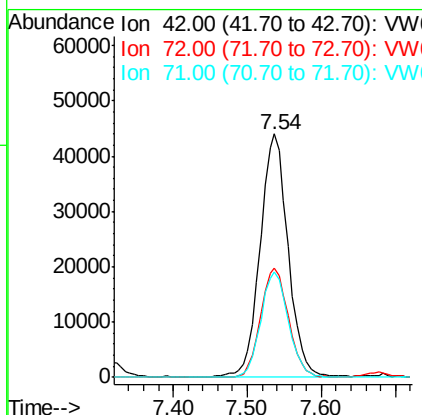
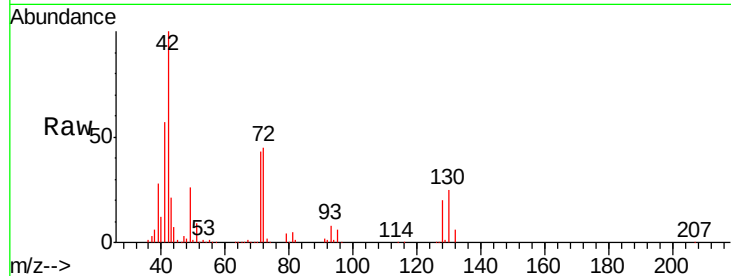
#29
Tetrahydrofuran
Concen: 241.11 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW005910.D
Acq: 08 Oct 2018 23:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	44.8	34.6	51.8
71	43.0	32.6	49.0

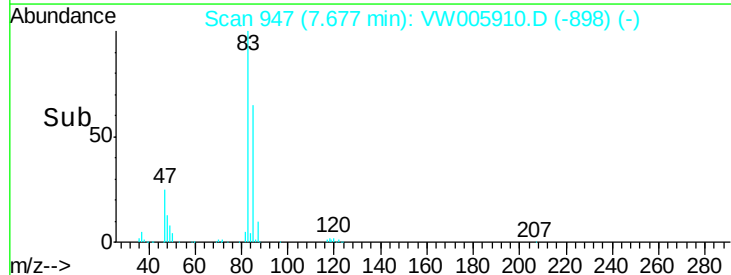
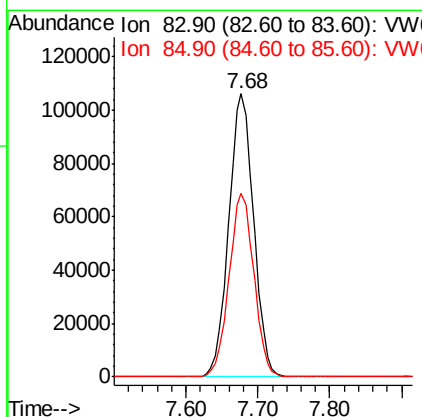
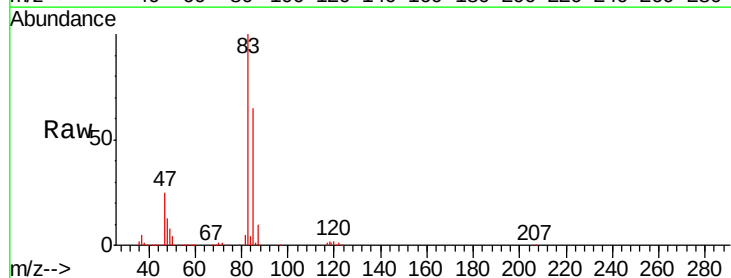
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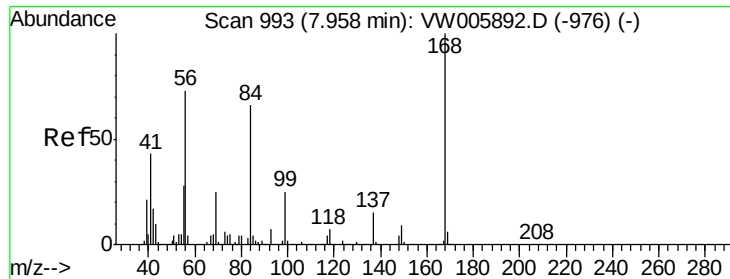
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#30
Chloroform
Concen: 52.53 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW005910.D
Acq: 08 Oct 2018 23:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.6	77.4





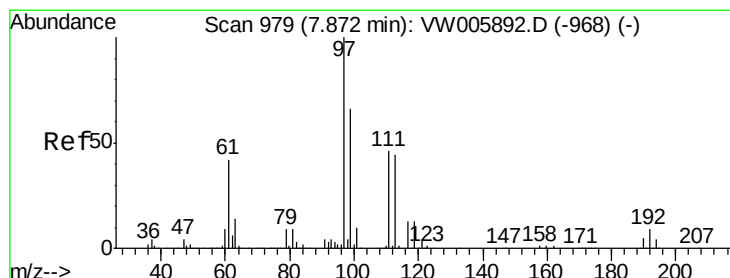
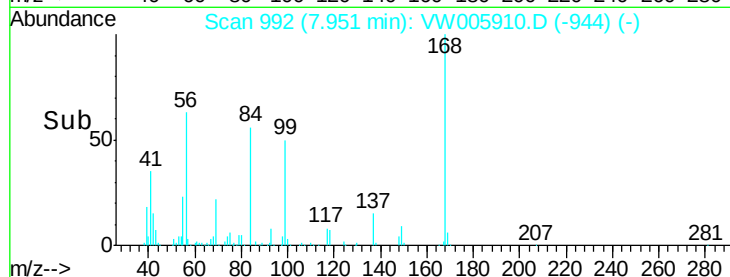
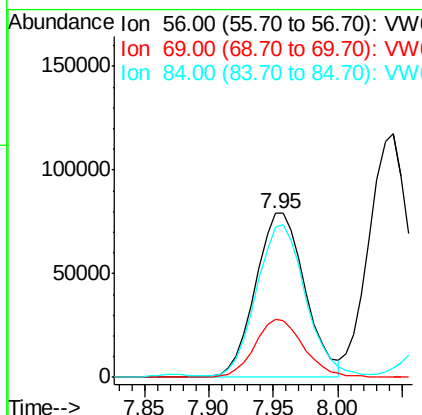
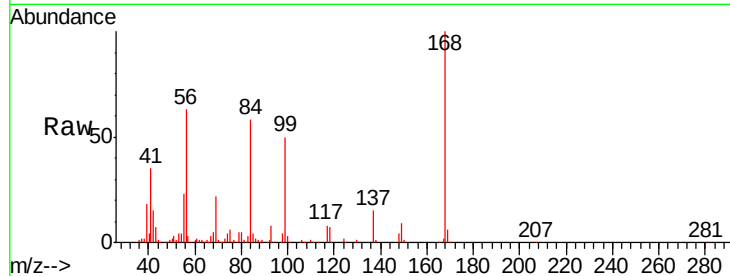
#31
Cyclohexane
Concen: 45.46 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005910.D
Acq: 08 Oct 2018 23:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	35.5	27.9	41.9
84	90.6	72.3	108.5

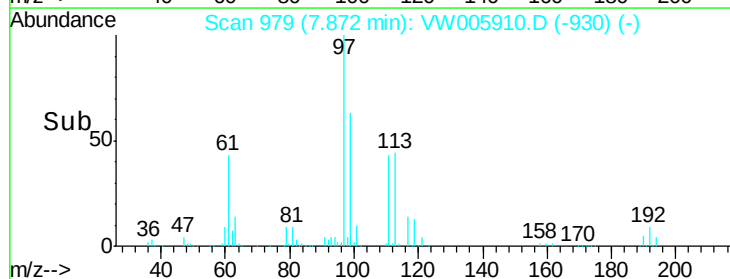
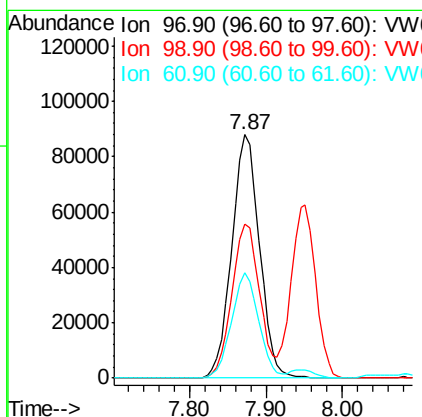
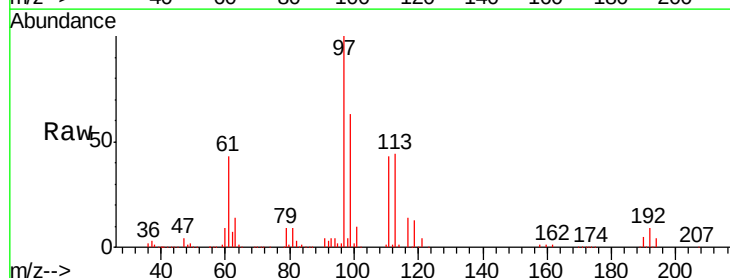
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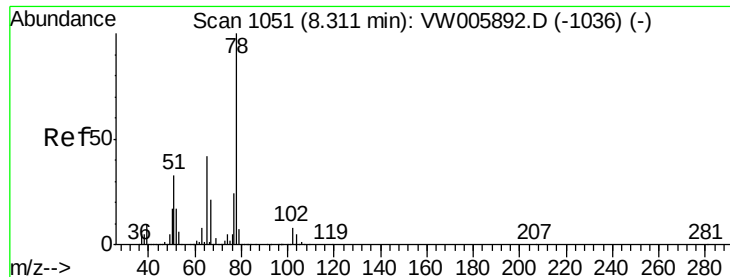
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#32
1,1,1-Trichloroethane
Concen: 51.15 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW005910.D
Acq: 08 Oct 2018 23:19

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.6	77.4
61	42.1	34.5	51.7





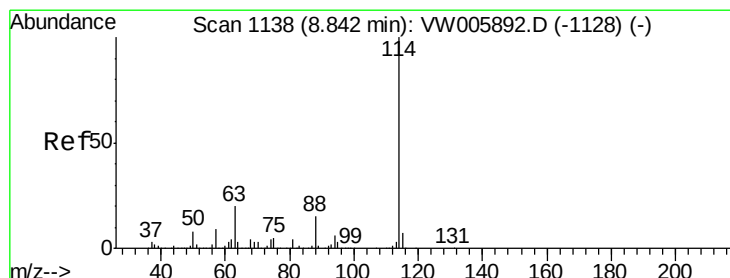
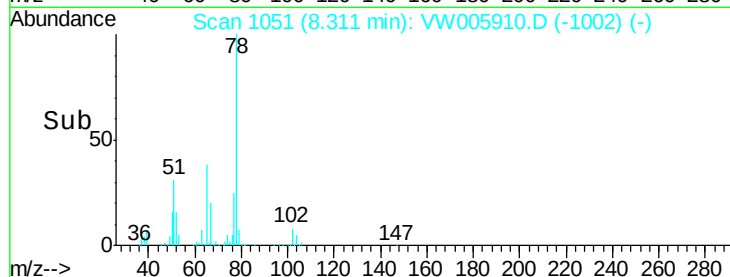
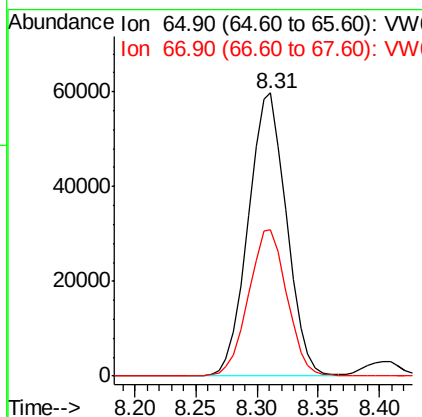
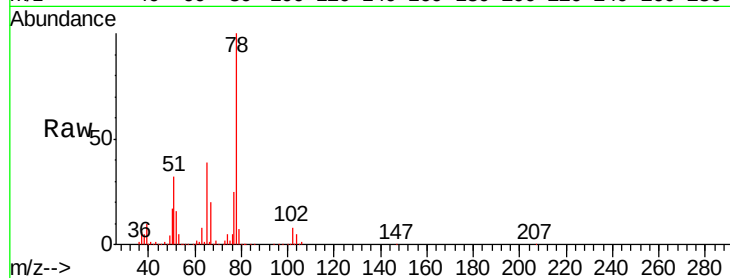
#33
 1,2-Dichloroethane-d4
 Concen: 48.85 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005910.D
 Acq: 08 Oct 2018 23:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	130197		
67	52.4	0.0	104.6	

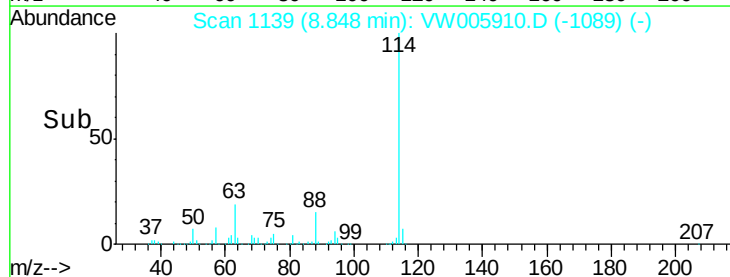
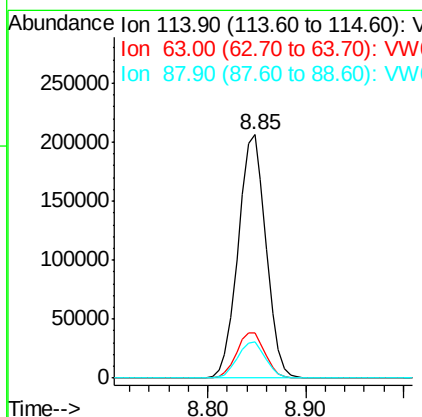
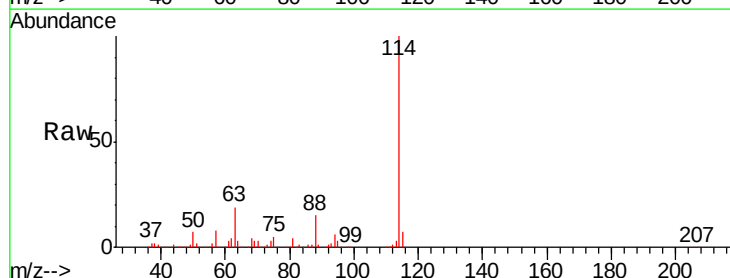
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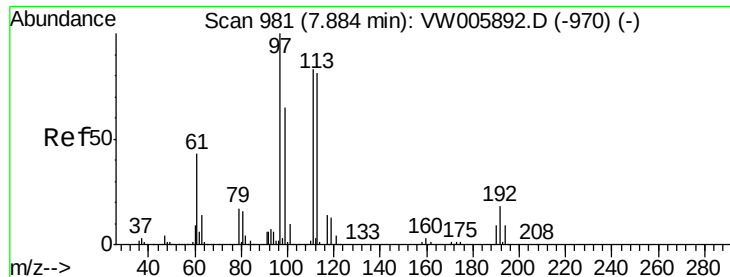
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005910.D
 Acq: 08 Oct 2018 23:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	406922		
63	18.8	0.0	39.2	
88	15.0	0.0	30.8	





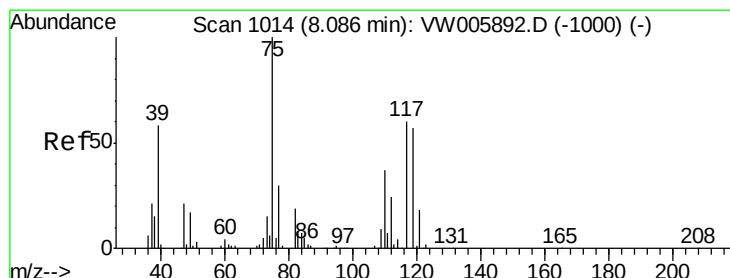
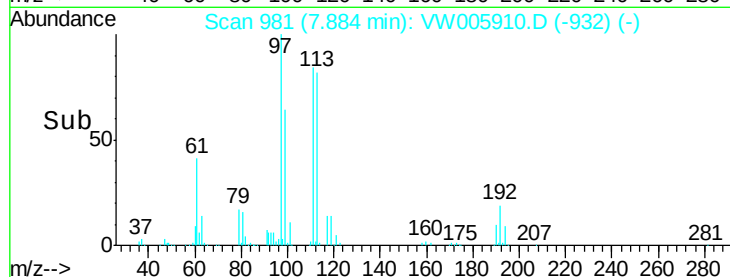
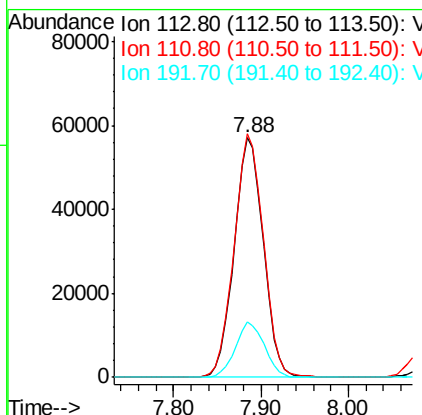
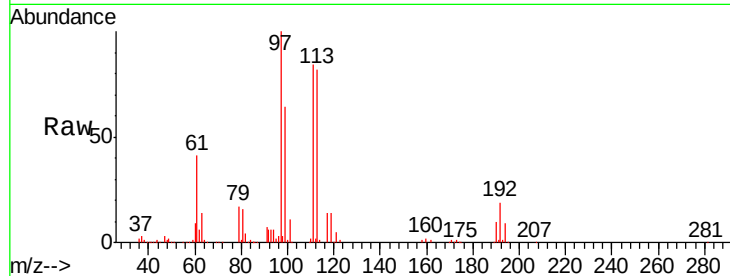
#35
 Dibromofluoromethane
 Concen: 50.98 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW005910.D
 Acq: 08 Oct 2018 23:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	132455		
111	102.1	82.0	123.0	
192	22.8	18.3	27.5	

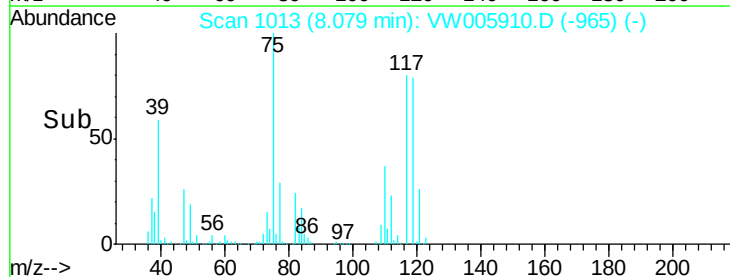
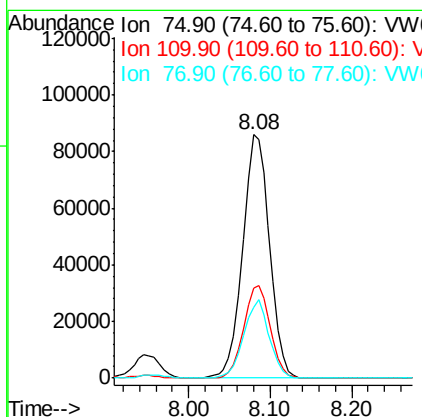
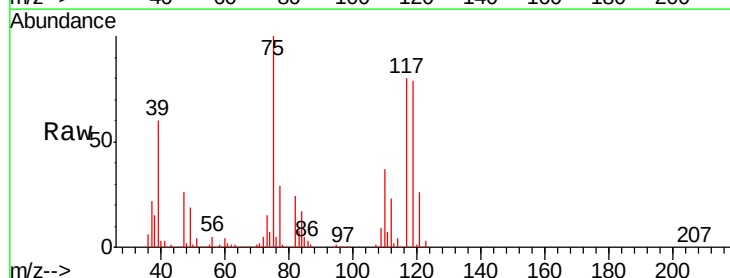
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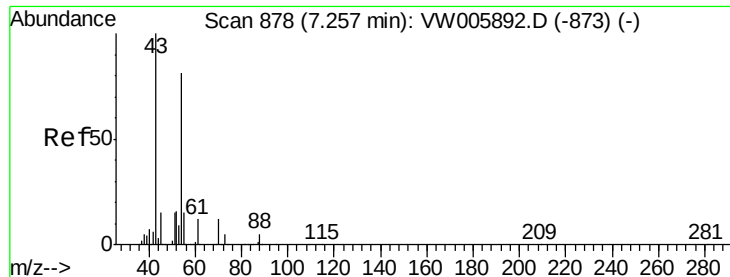
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#36
 1,1-Dichloropropene
 Concen: 50.31 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW005910.D
 Acq: 08 Oct 2018 23:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	196154		
110	37.5	18.6	56.0	
77	30.8	24.7	37.1	





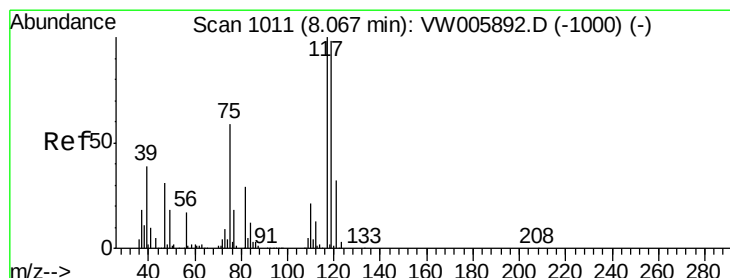
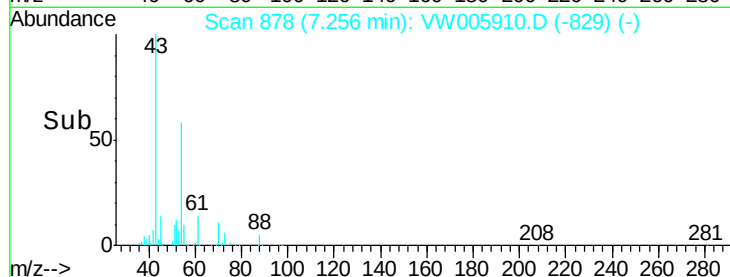
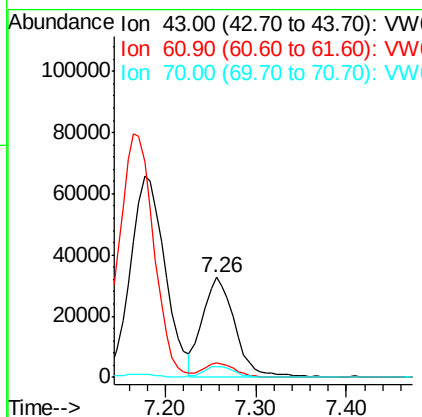
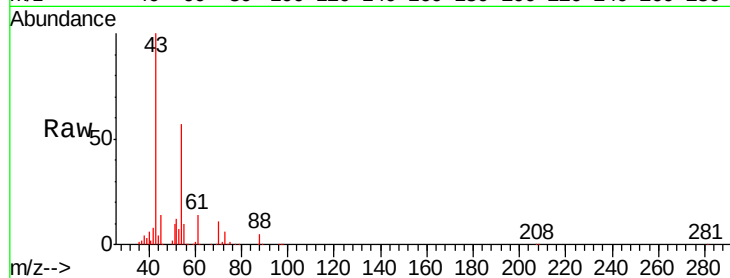
#37
 Ethyl Acetate
 Concen: 48.92 ug/l
 RT: 7.26 min Scan# 878
 Delta R.T. -0.00 min
 Lab File: VW005910.D
 Acq: 08 Oct 2018 23:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.6	16.0
70	11.1	8.6	13.0

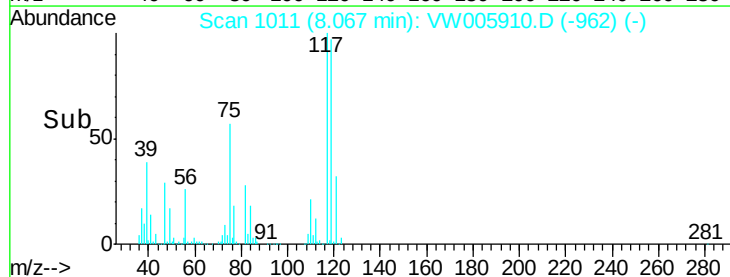
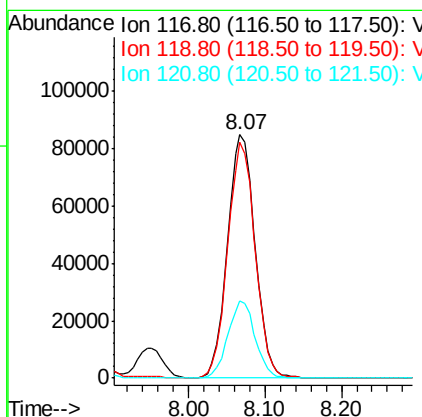
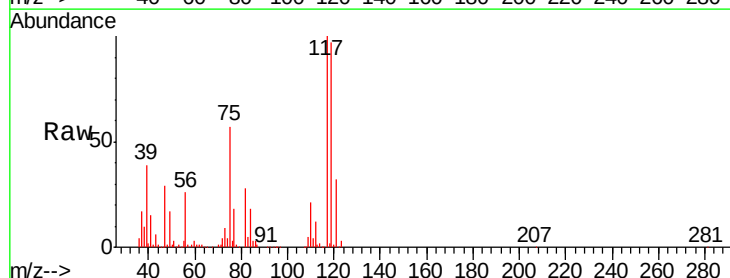
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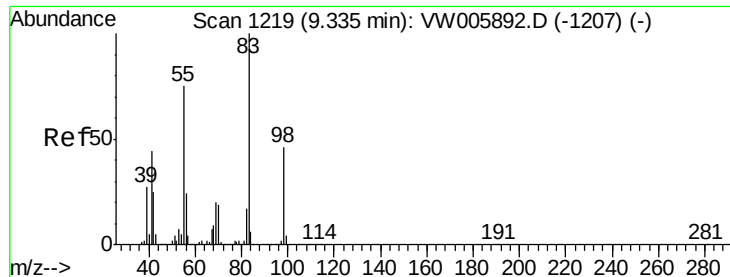
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#38
 Carbon Tetrachloride
 Concen: 50.55 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: VW005910.D
 Acq: 08 Oct 2018 23:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	78.6	117.8
121	31.5	25.3	37.9





#39

Methylcyclohexane

Concen: 49.70 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW005910.D

Acq: 08 Oct 2018 23:19

Instrument :

MSVOA_W

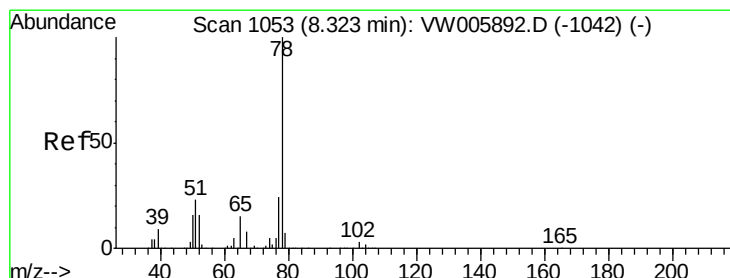
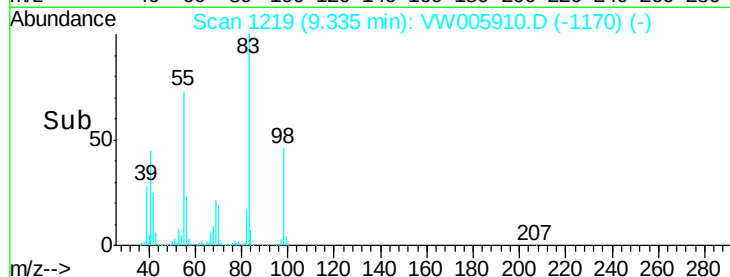
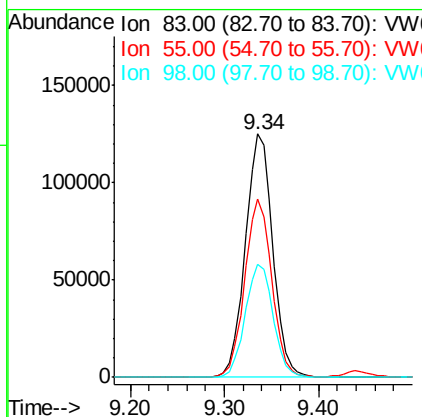
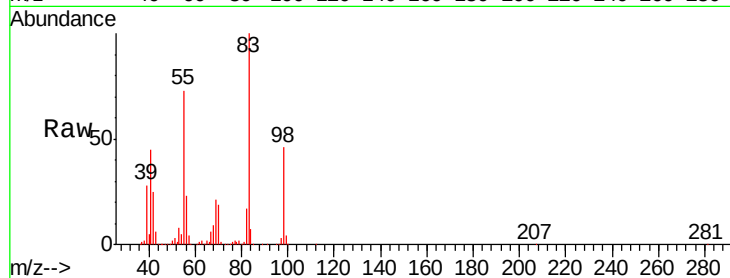
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	255616
Ion	Ratio	Lower	Upper
83	100		
55	73.2	59.8	89.6
98	46.4	37.1	55.7

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#40

Benzene

Concen: 52.18 ug/l

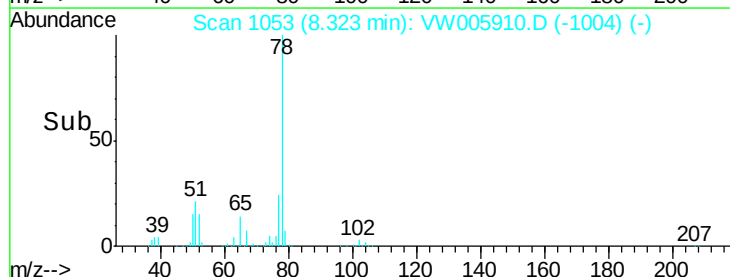
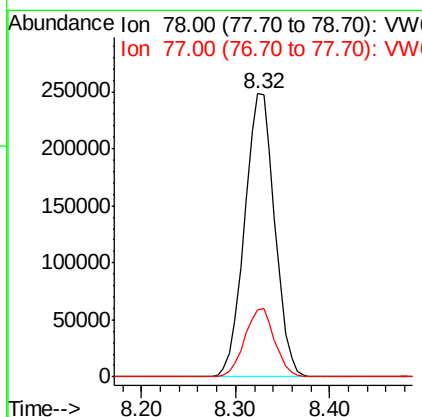
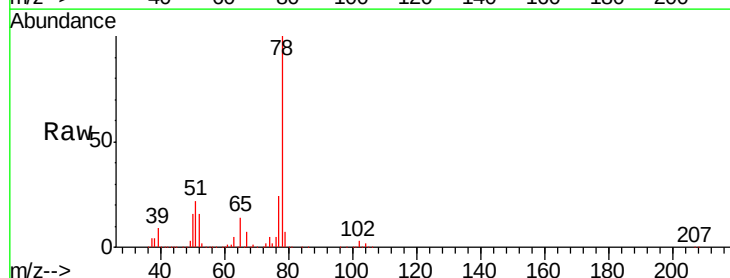
RT: 8.32 min Scan# 1053

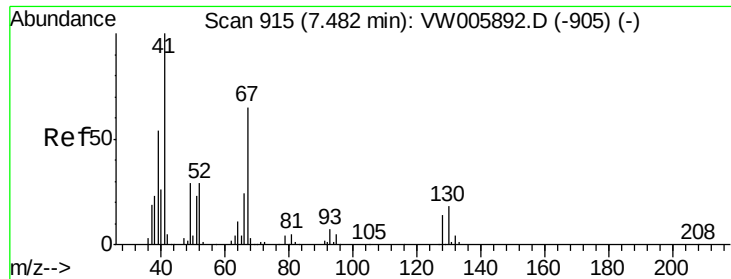
Delta R.T. -0.00 min

Lab File: VW005910.D

Acq: 08 Oct 2018 23:19

Tgt Ion:	78	Resp:	556878
Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.1	28.7





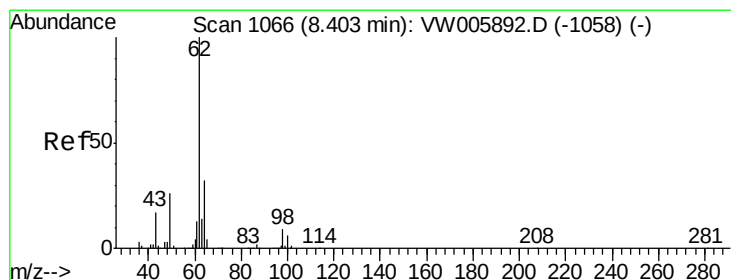
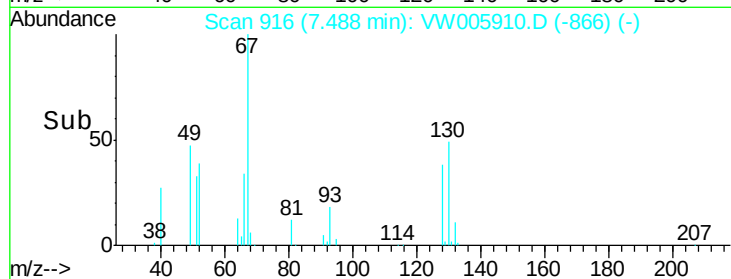
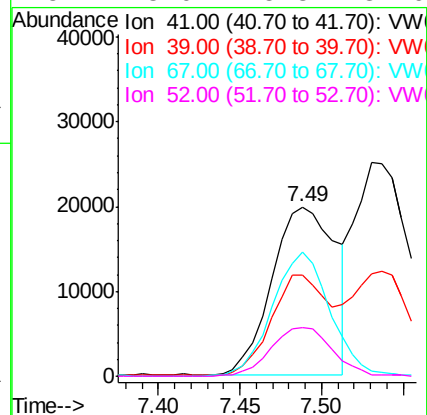
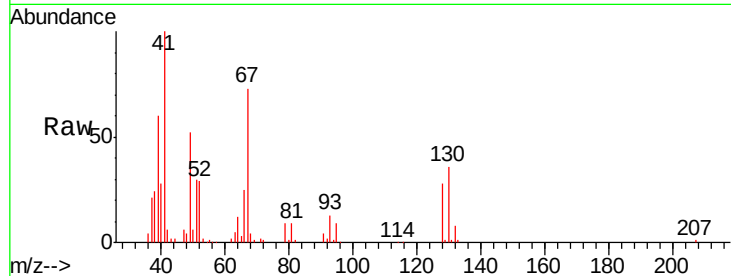
#41
Methacrylonitrile
Concen: 52.15 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW005910.D
Acq: 08 Oct 2018 23:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	53905		
39	51.4		45.0	67.4
67	66.2		55.8	83.8
52	28.0		25.3	37.9

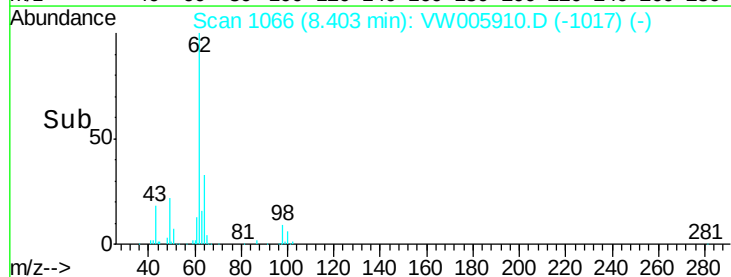
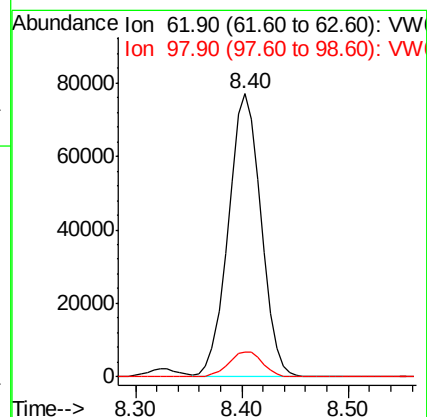
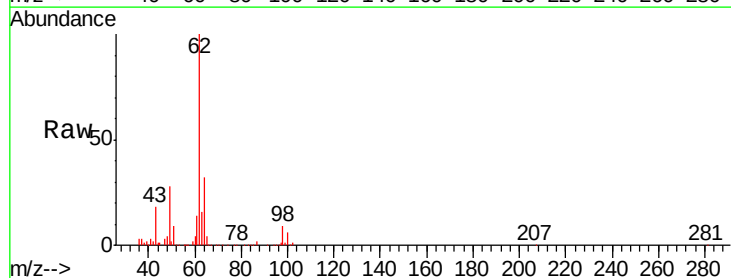
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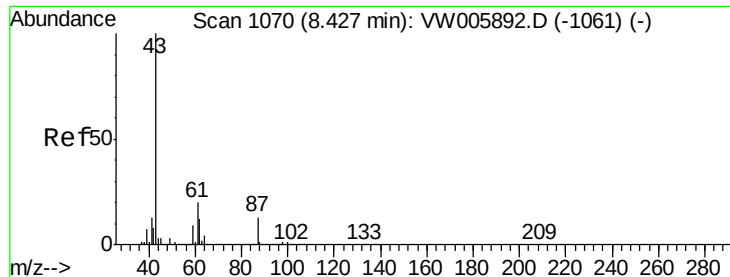
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#42
1,2-Dichloroethane
Concen: 51.35 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW005910.D
Acq: 08 Oct 2018 23:19

Tgt Ion	Ratio	Resp	Lower	Upper
62	100	165558		
98	9.2		0.0	18.0





#43

Isopropyl Acetate

Concen: 50.61 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW005910.D

Acq: 08 Oct 2018 23:19

Instrument :

MSVOA_W

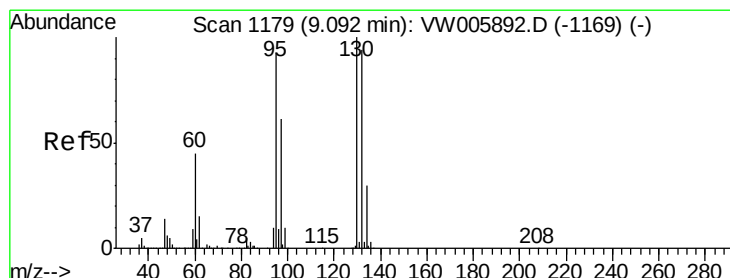
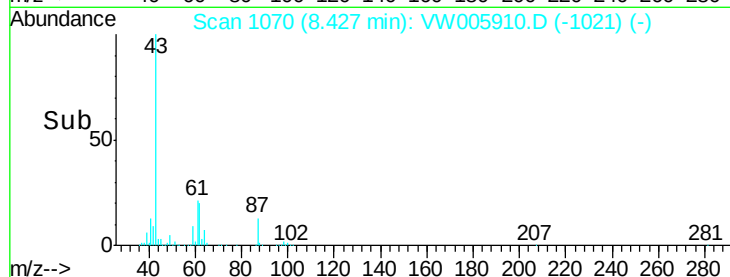
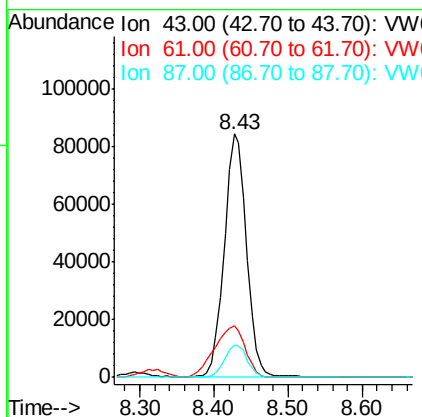
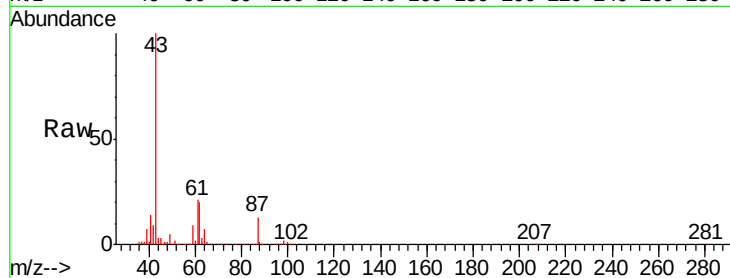
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	174552
Ion Ratio		Lower	Upper
43	100		
61	29.3	23.1	34.7
87	13.7	10.7	16.1

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#44

Trichloroethene

Concen: 52.93 ug/l

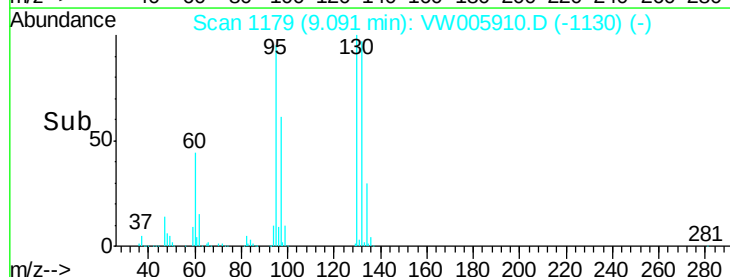
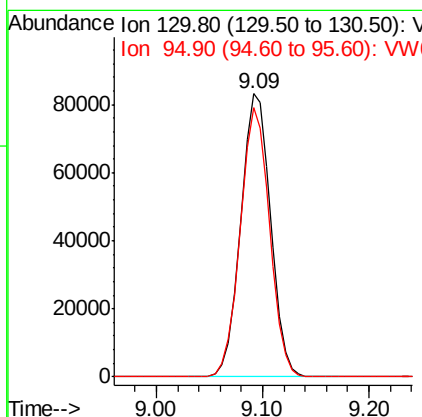
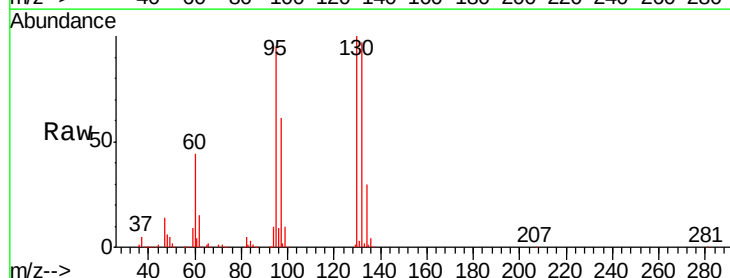
RT: 9.09 min Scan# 1179

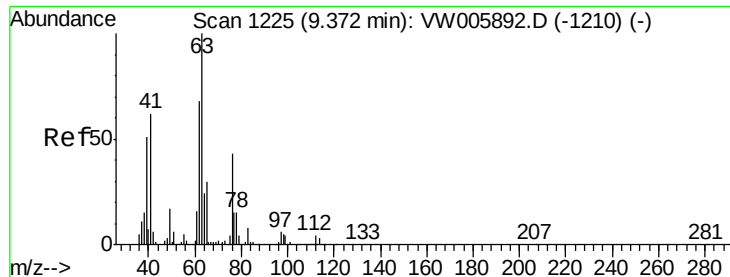
Delta R.T. -0.00 min

Lab File: VW005910.D

Acq: 08 Oct 2018 23:19

Tgt Ion:	130	Resp:	163881
Ion Ratio		Lower	Upper
130	100		
95	94.9	0.0	185.6





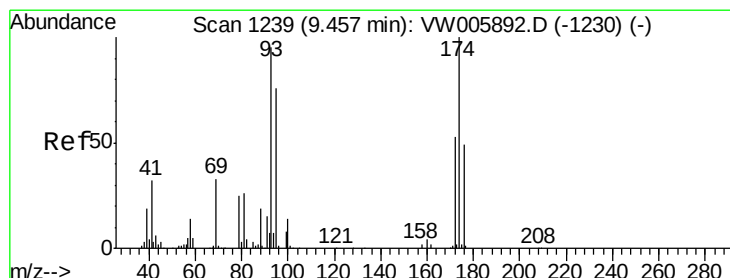
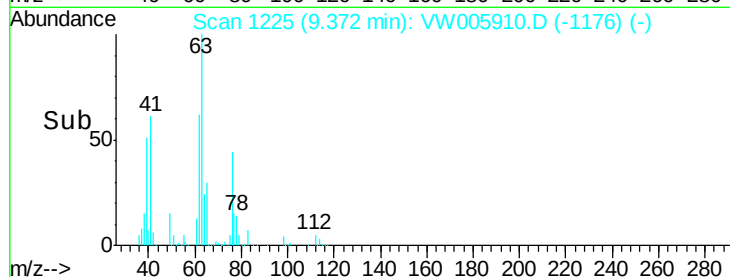
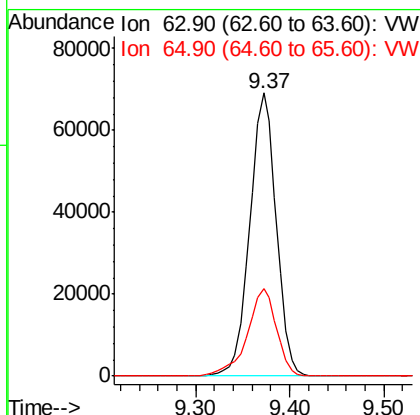
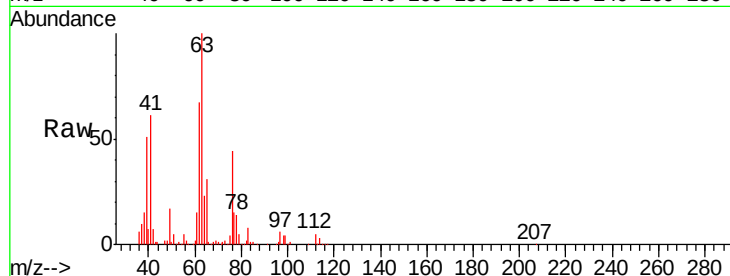
#45
 1,2-Dichloropropane
 Concen: 51.22 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW005910.D
 Acq: 08 Oct 2018 23:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
63	100		
65	30.8	24.3	36.5

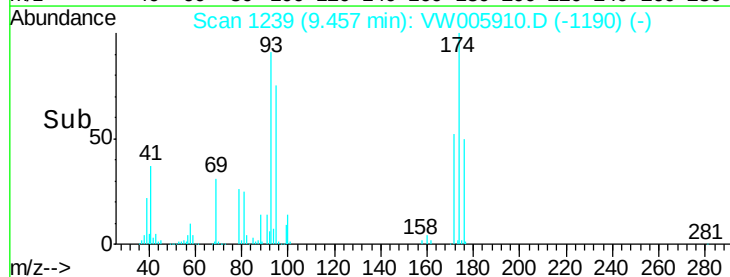
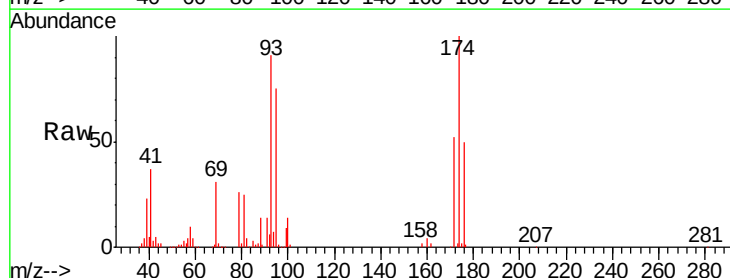
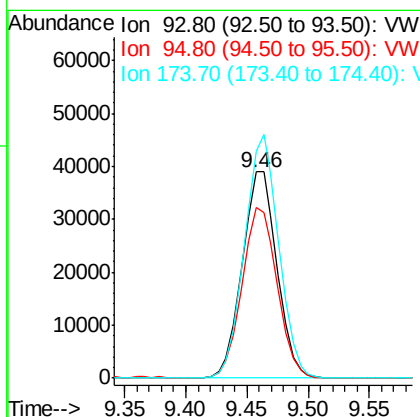
Manual Integrations
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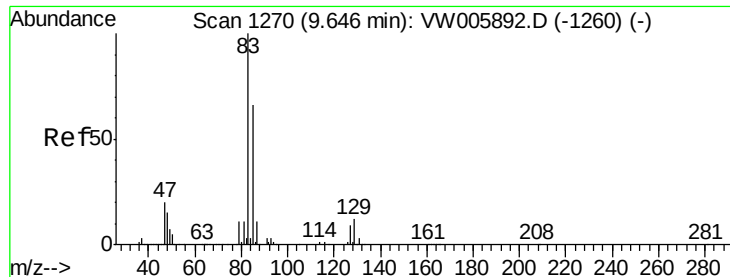
apatel
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#46
 Dibromomethane
 Concen: 52.51 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW005910.D
 Acq: 08 Oct 2018 23:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.3	66.6	99.8
174	115.8	90.4	135.6





#47

Bromodichloromethane

Concen: 51.44 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW005910.D

Acq: 08 Oct 2018 23:19

Instrument :

MSVOA_W

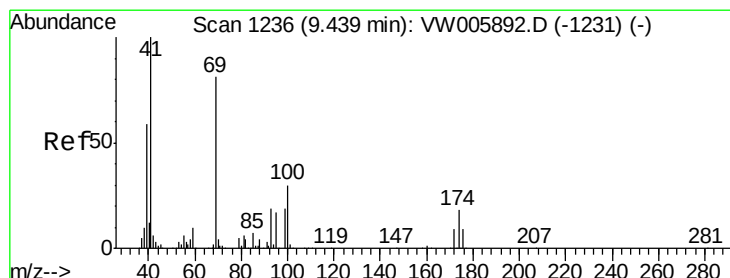
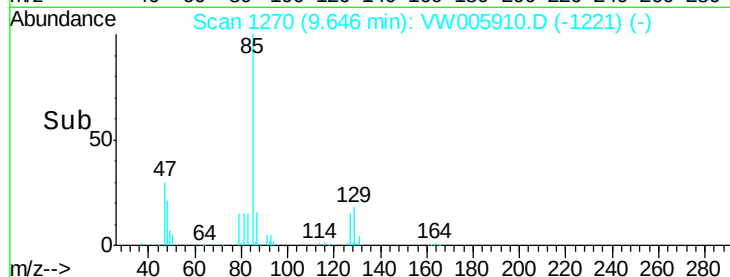
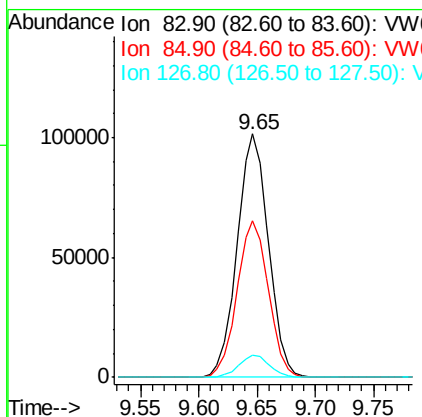
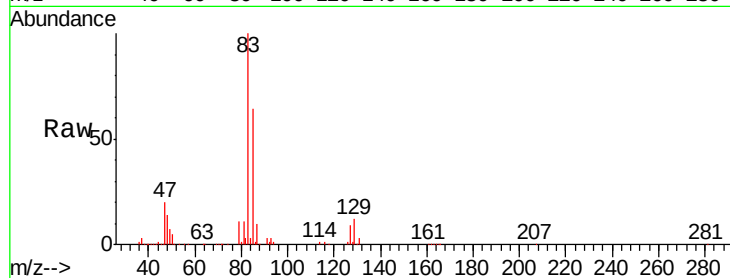
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	190053
Ion Ratio	Lower	Upper	
83	100		
85	64.4	53.0	79.6
127	9.3	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.74 ug/l

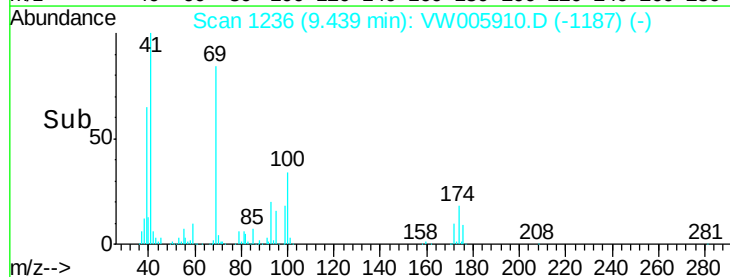
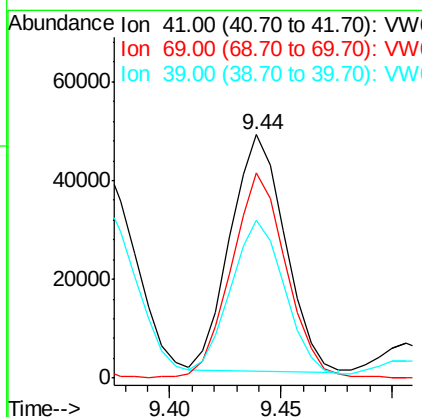
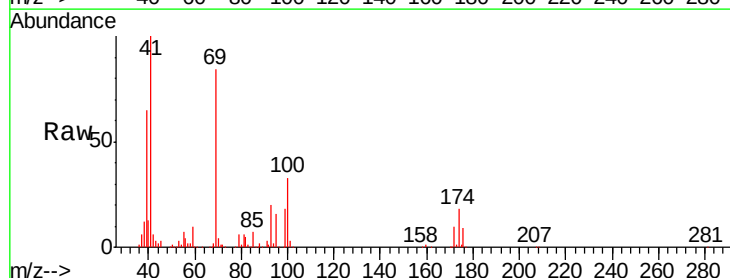
RT: 9.44 min Scan# 1236

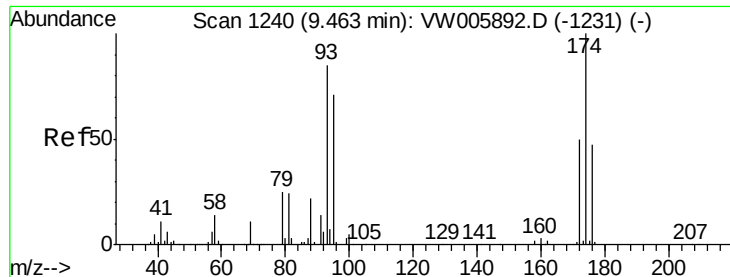
Delta R.T. -0.00 min

Lab File: VW005910.D

Acq: 08 Oct 2018 23:19

Tgt Ion:	41	Resp:	81730
Ion Ratio	Lower	Upper	
41	100		
69	86.8	68.7	103.1
39	64.2	50.0	75.0





#49

1,4-Dioxane

Concen: 1103.17 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VW005910.D

Acq: 08 Oct 2018 23:19

Instrument :

MSVOA_W

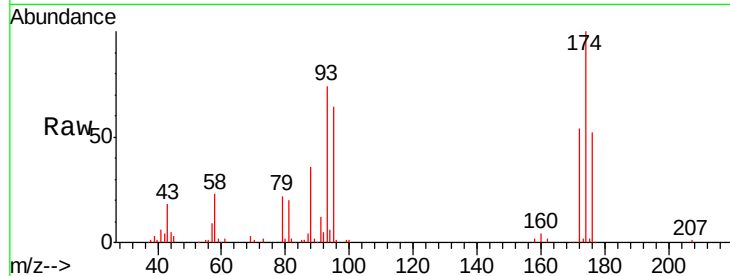
ClientSampled :

VSTDCCC050

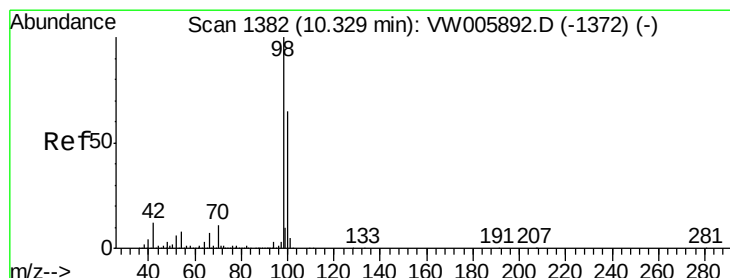
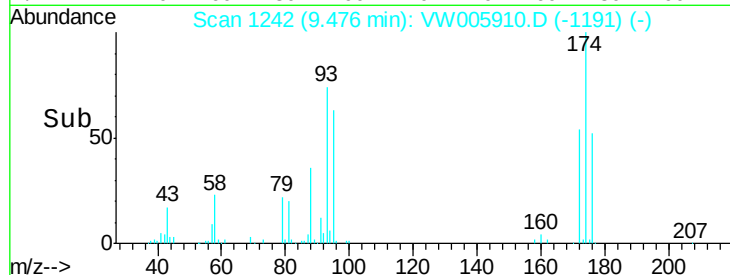
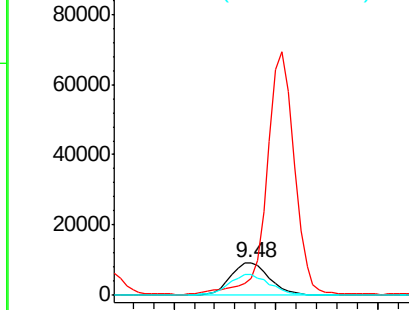
Tgt Ion:	88	Resp:	24601
Ion Ratio	Lower	Upper	
88	100		
43	0.0	0.0	0.0
58	69.2	57.7	86.5

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Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 50.15 ug/l

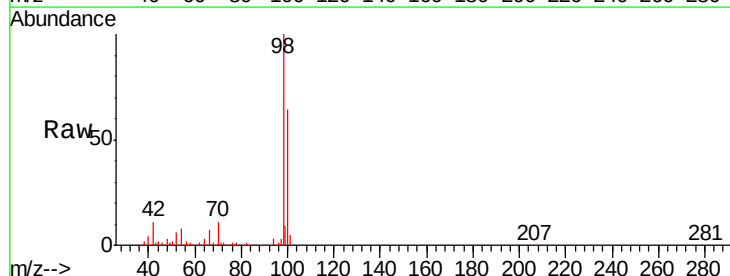
RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

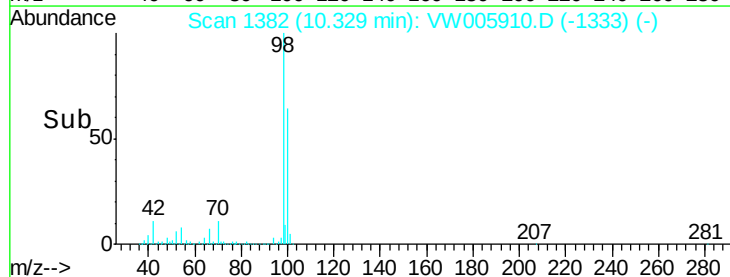
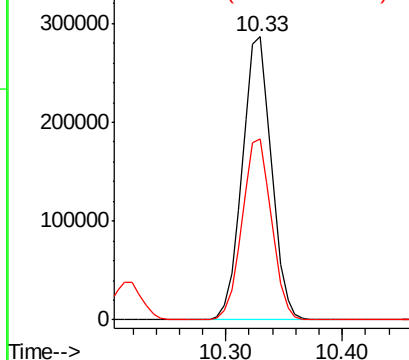
Lab File: VW005910.D

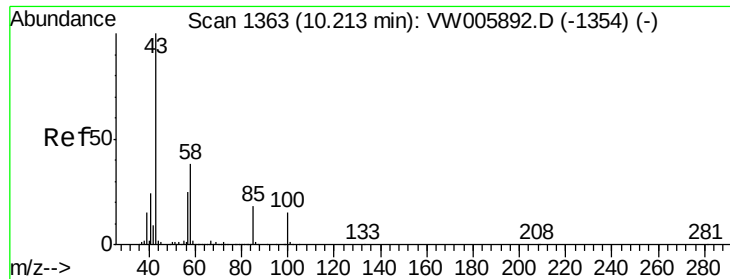
Acq: 08 Oct 2018 23:19

Tgt Ion:	98	Resp:	501244
Ion Ratio	Lower	Upper	
98	100		
100	64.5	51.9	77.9



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





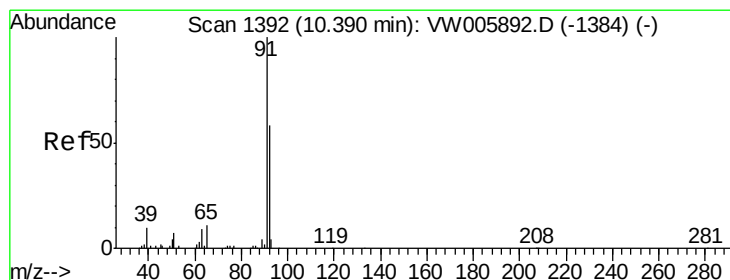
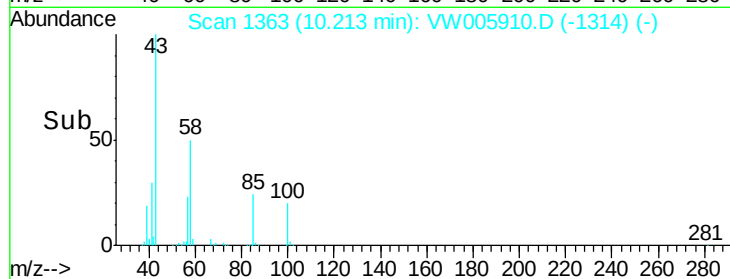
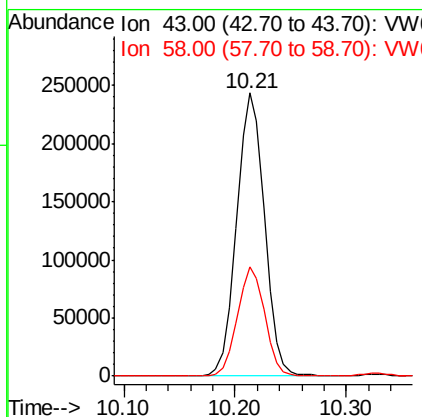
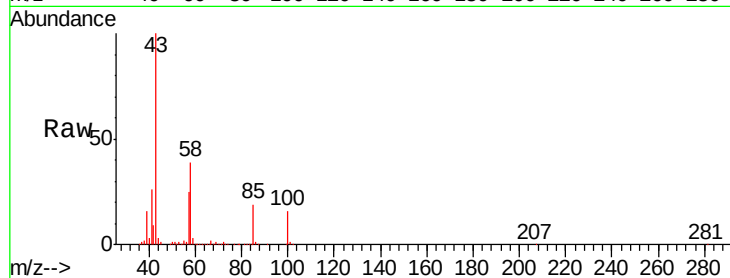
#51
 4-Methyl-2-Pentanone
 Concen: 249.69 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW005910.D
 Acq: 08 Oct 2018 23:19

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tgt Ion: 43 Resp: 419375
 Ion Ratio Lower Upper
 43 100
 58 38.2 30.2 45.4

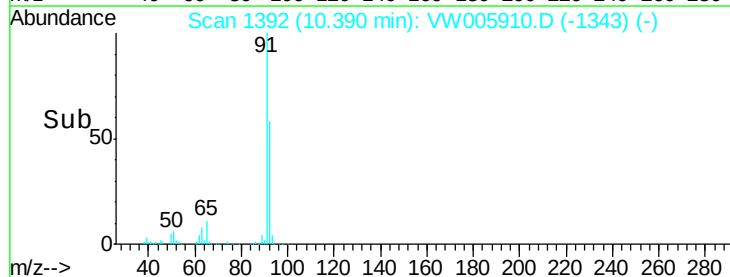
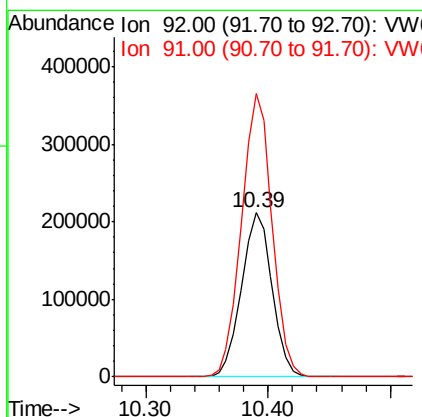
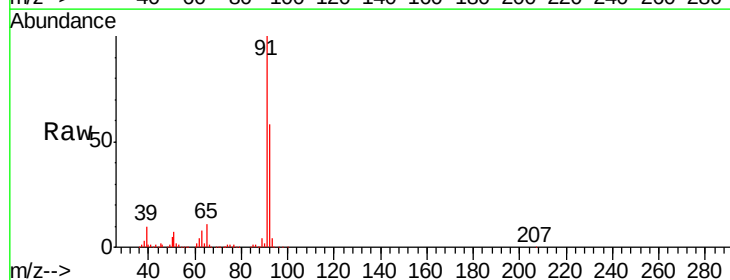
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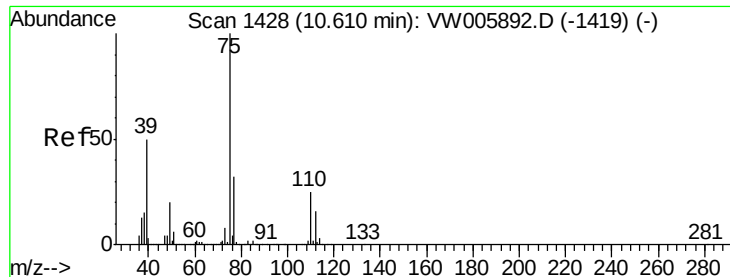
apatel
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#52
 Toluene
 Concen: 52.15 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW005910.D
 Acq: 08 Oct 2018 23:19

Tgt Ion: 92 Resp: 365586
 Ion Ratio Lower Upper
 92 100
 91 172.6 138.2 207.4





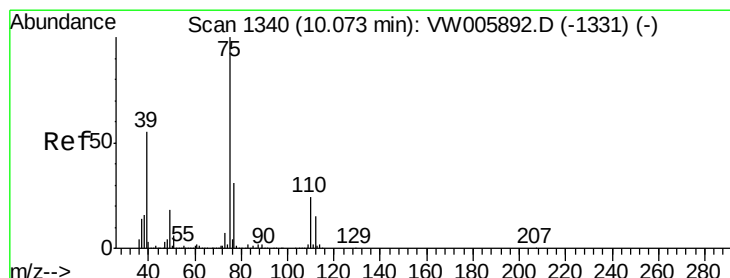
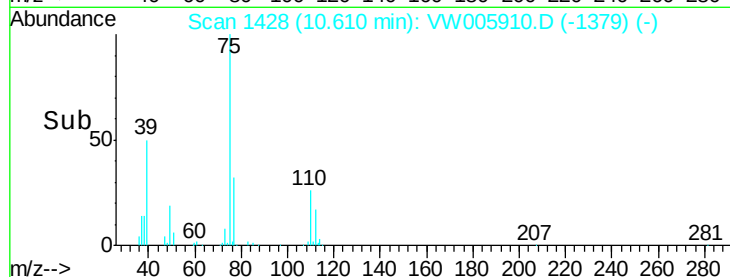
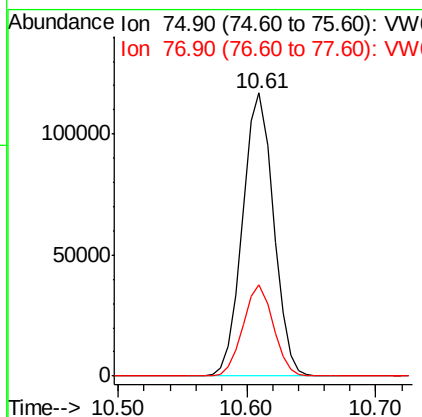
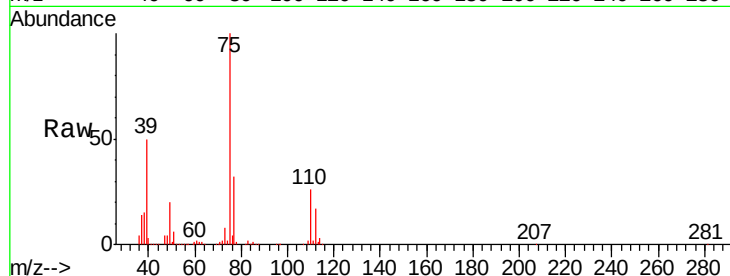
#53
t-1,3-Dichloropropene
Concen: 50.24 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW005910.D
Acq: 08 Oct 2018 23:19

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tgt Ion: 75 Resp: 193977
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2

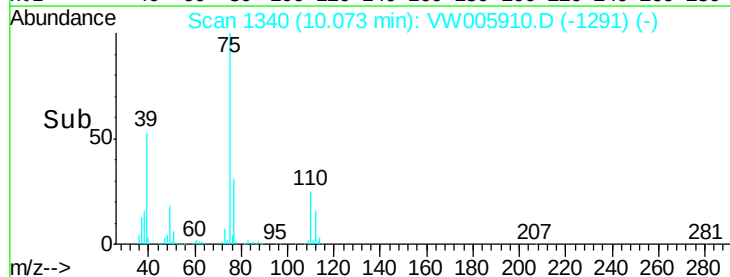
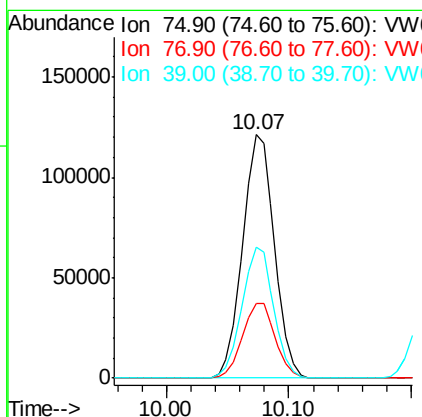
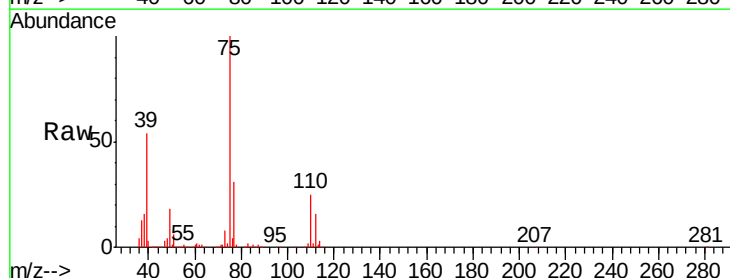
Manual Integrations
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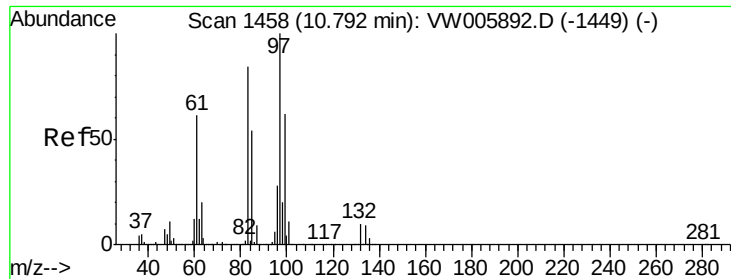
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#54
cis-1,3-Dichloropropene
Concen: 50.35 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW005910.D
Acq: 08 Oct 2018 23:19

Tgt Ion: 75 Resp: 218518
Ion Ratio Lower Upper
75 100
77 30.7 24.6 37.0
39 53.5 44.2 66.4





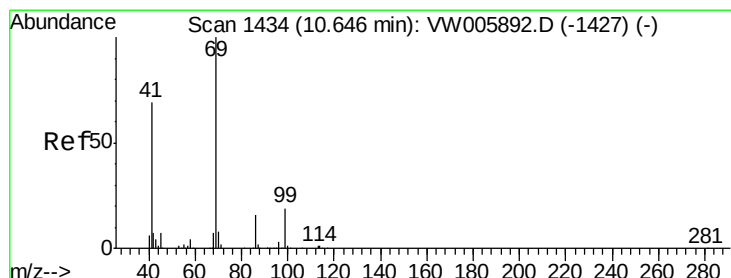
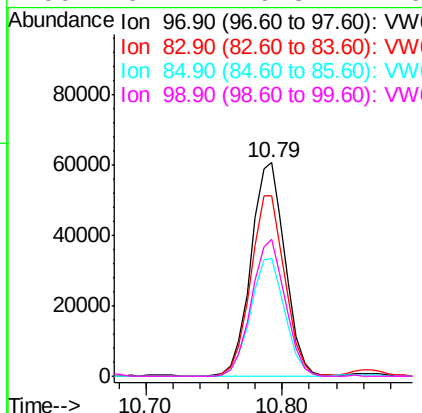
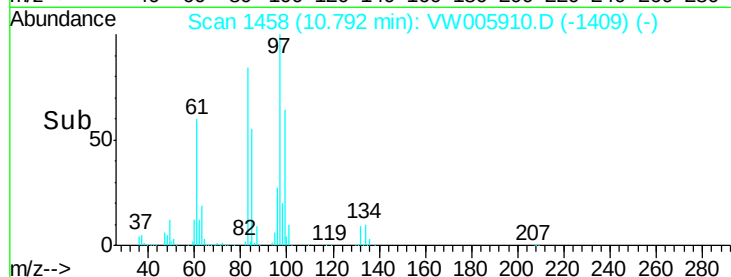
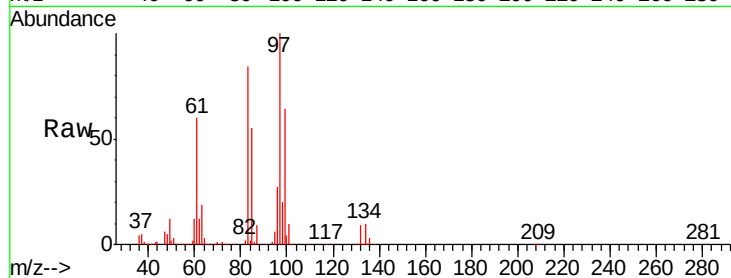
#55
 1,1,2-Trichloroethane
 Concen: 52.45 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005910.D
 Acq: 08 Oct 2018 23:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	106646		
83	84.1	66.9	100.3	
85	55.4	43.4	65.0	
99	64.1	49.8	74.6	

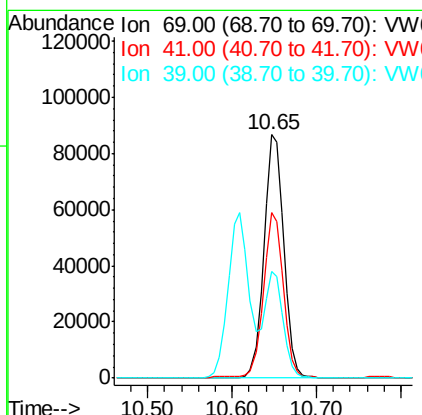
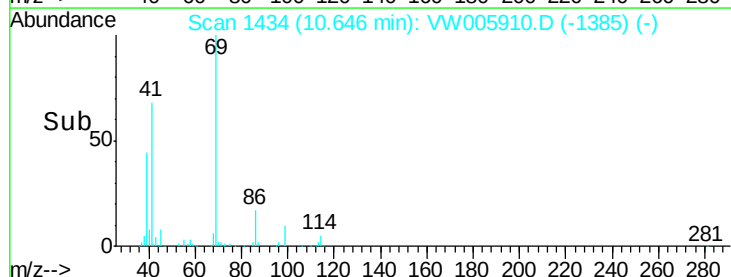
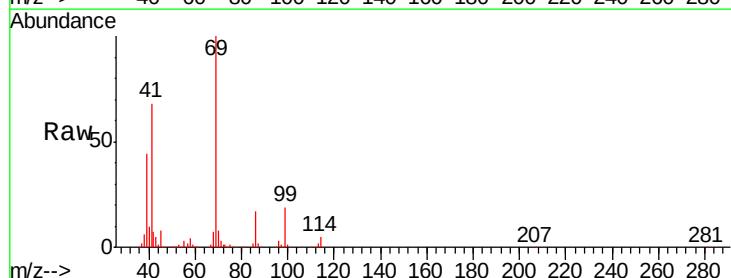
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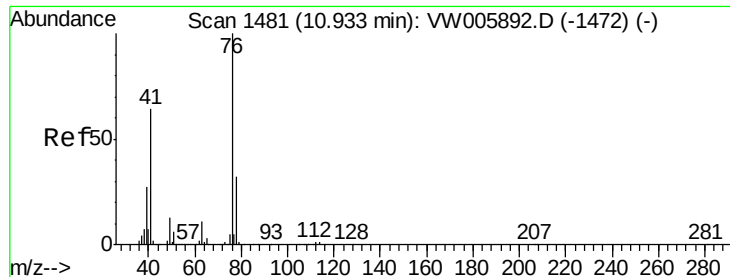
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#56
 Ethyl methacrylate
 Concen: 51.51 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW005910.D
 Acq: 08 Oct 2018 23:19

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	141182		
41	66.9	56.0	84.0	
39	41.6	33.5	50.3	





#57

1,3-Dichloropropane

Concen: 52.37 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW005910.D

Acq: 08 Oct 2018 23:19

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tgt Ion: 76 Resp: 179166

Ion Ratio Lower Upper

76 100

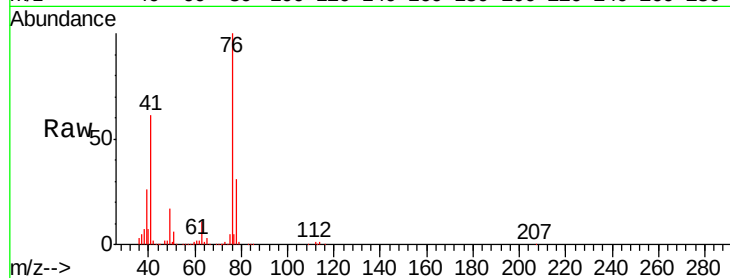
78 32.0 25.8 38.6

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

10.93

120000

100000

80000

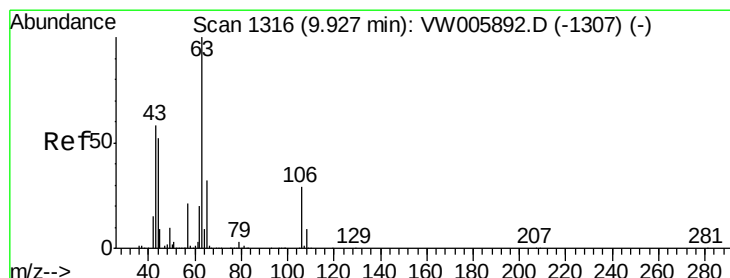
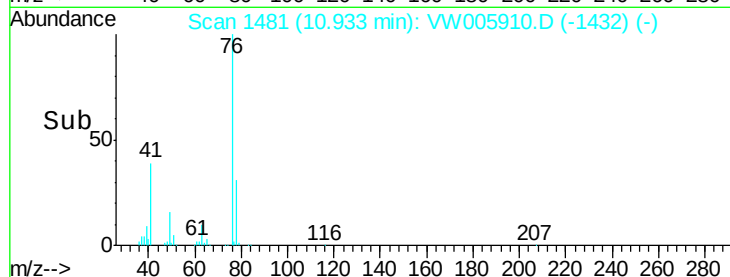
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 226.97 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW005910.D

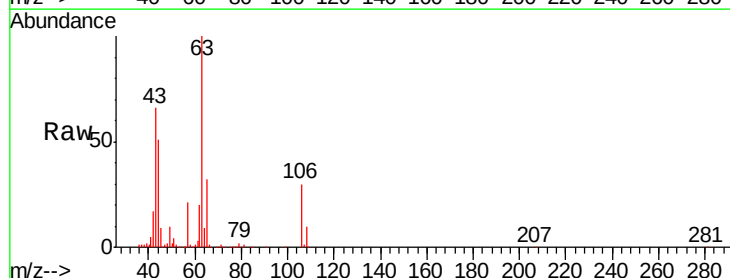
Acq: 08 Oct 2018 23:19

Tgt Ion: 63 Resp: 253113

Ion Ratio Lower Upper

63 100

106 30.0 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

9.93

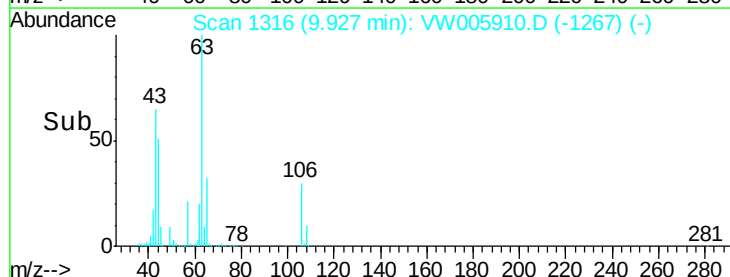
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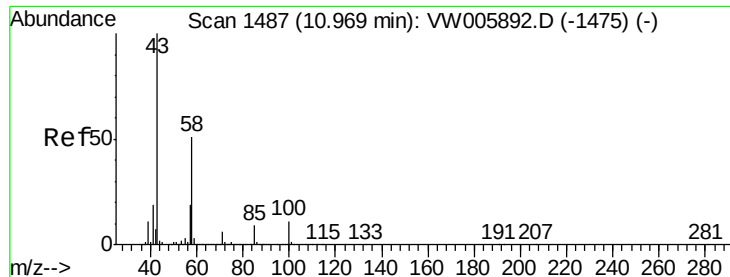
100000

50000

0

Time-->





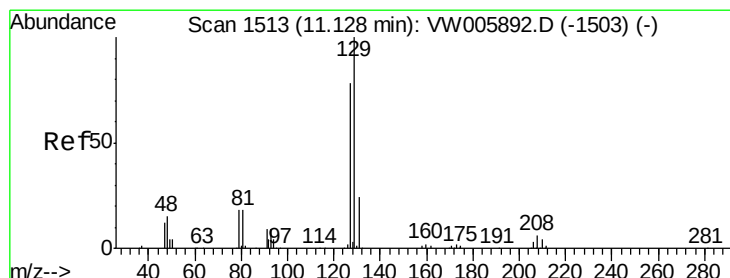
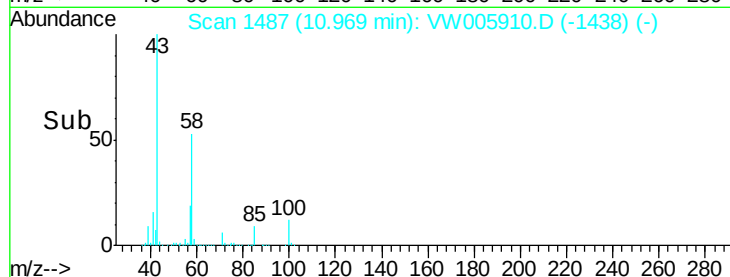
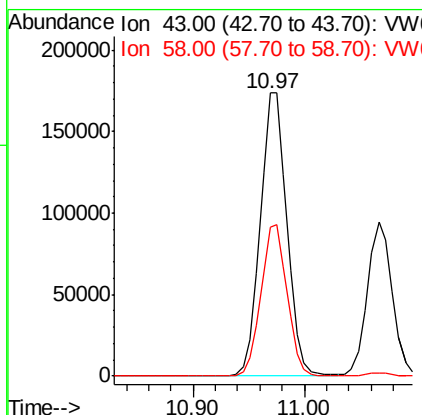
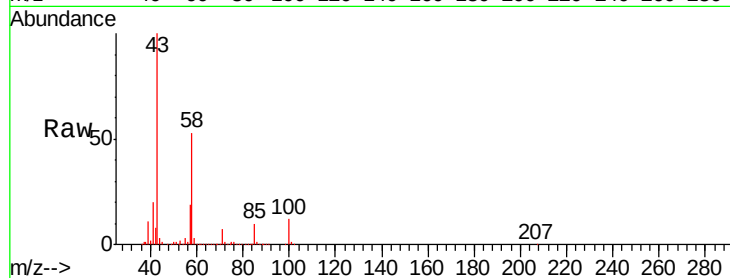
#59
2-Hexanone
Concen: 240.59 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW005910.D
Acq: 08 Oct 2018 23:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 289742
Ion Ratio Lower Upper
43 100
58 52.9 25.7 77.1

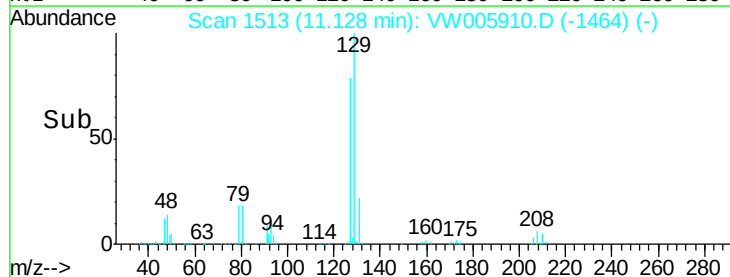
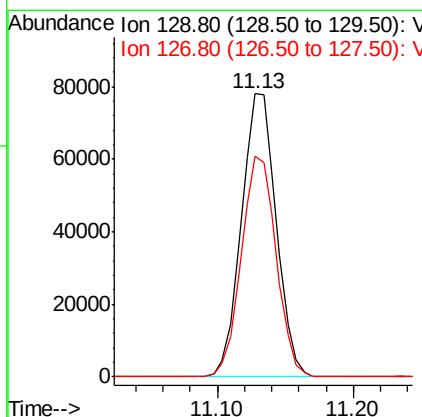
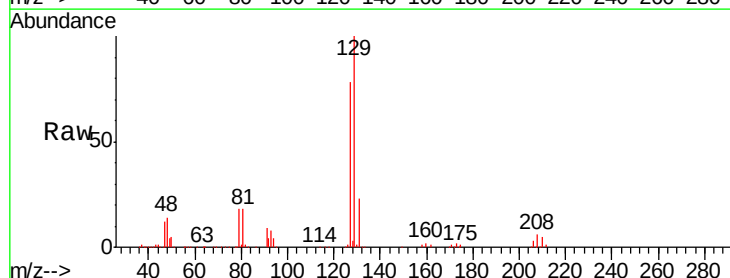
Manual Integrations
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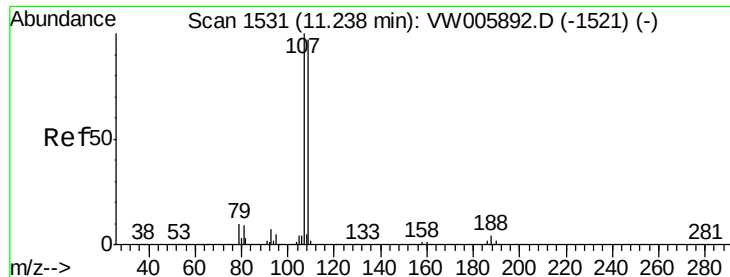
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#60
Dibromochloromethane
Concen: 53.32 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW005910.D
Acq: 08 Oct 2018 23:19

Tgt Ion: 129 Resp: 139911
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 53.78 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW005910.D

Acq: 08 Oct 2018 23:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 107 Resp: 109271

Ion Ratio Lower Upper

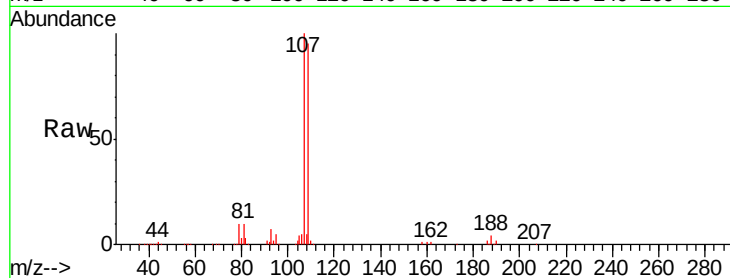
107 100

109 93.8 75.8 113.8

Manual Integrations
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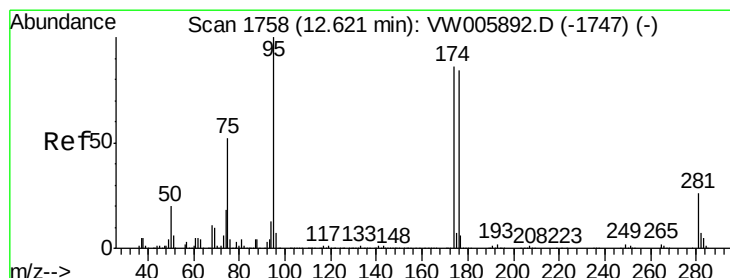
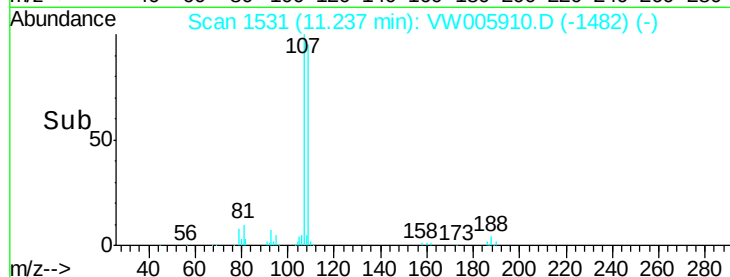
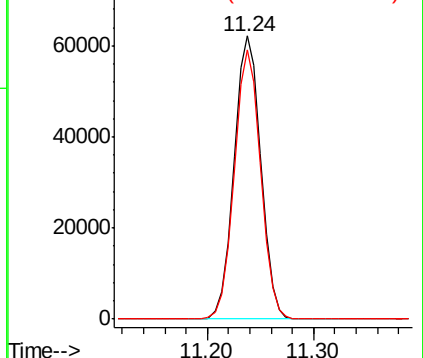
apatel

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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: 49.75 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005910.D

Acq: 08 Oct 2018 23:19

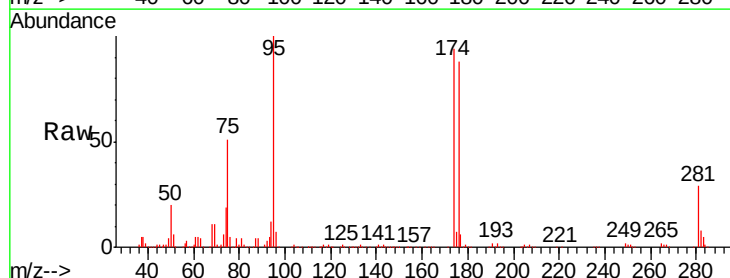
Tgt Ion: 95 Resp: 189206

Ion Ratio Lower Upper

95 100

174 93.3 0.0 176.4

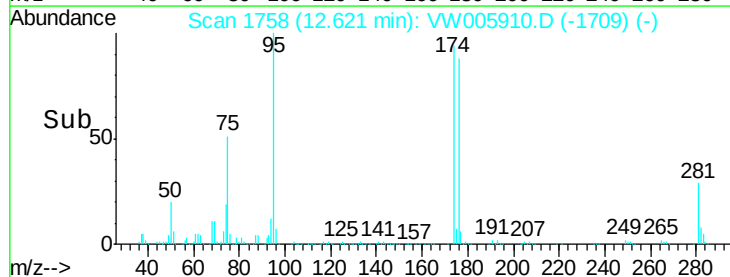
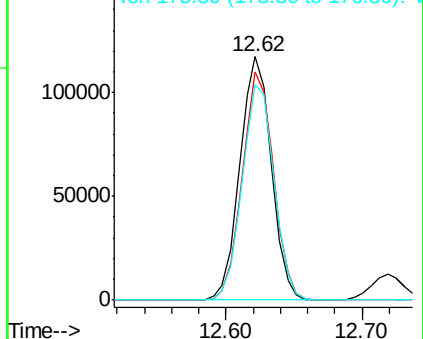
176 89.9 0.0 173.0

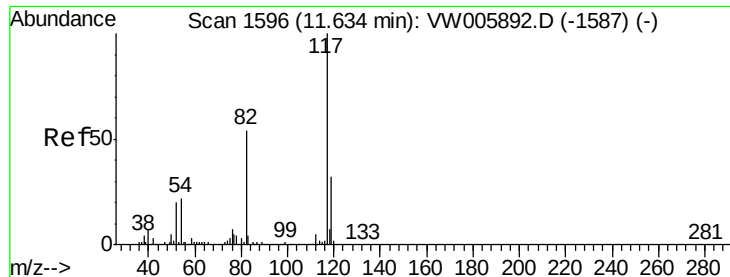


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





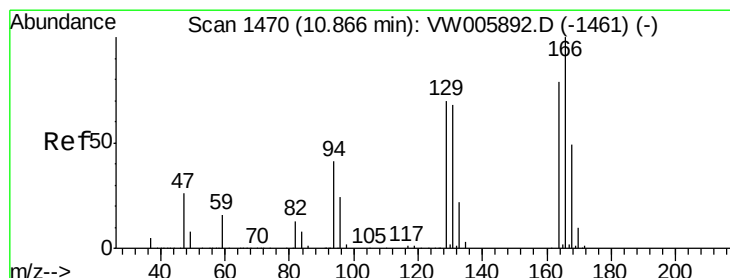
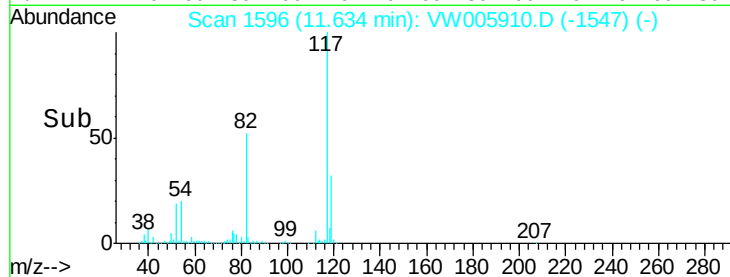
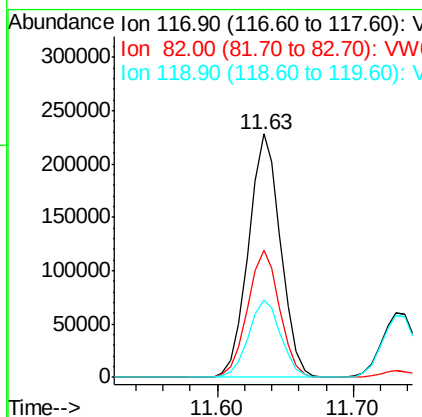
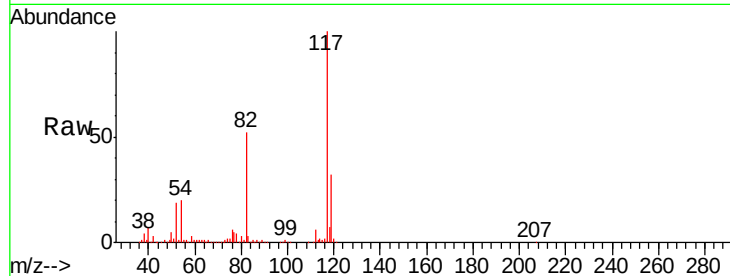
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005910.D
Acq: 08 Oct 2018 23:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.3	43.5	65.3
119	31.9	25.4	38.2

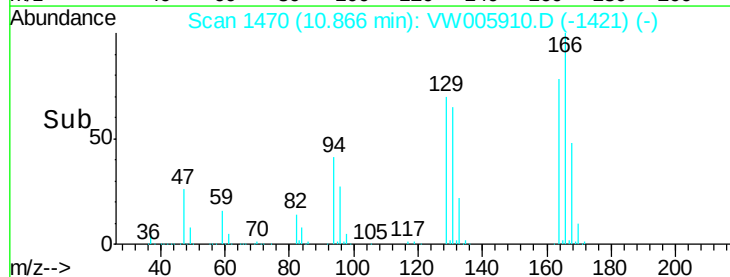
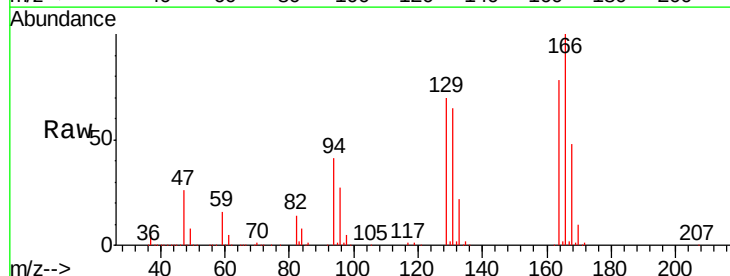
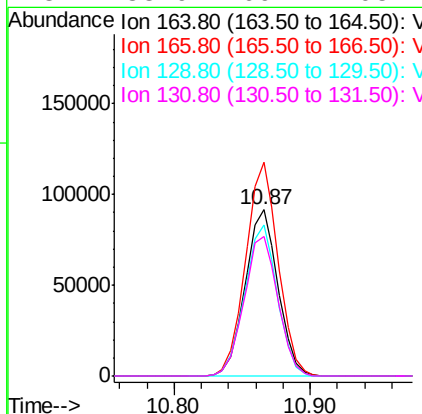
Manual Integrations
APPROVED

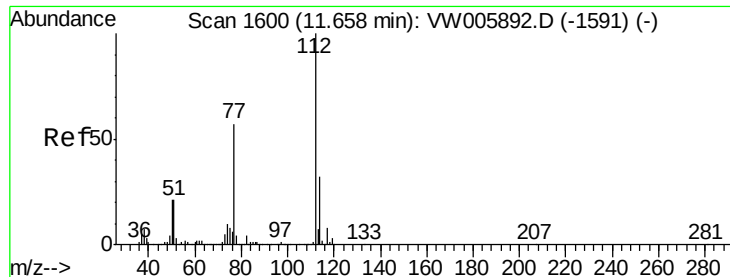
apatel
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#64
Tetrachloroethene
Concen: 55.03 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005910.D
Acq: 08 Oct 2018 23:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.4	101.5	152.3
129	90.4	71.1	106.7
131	83.9	69.1	103.7





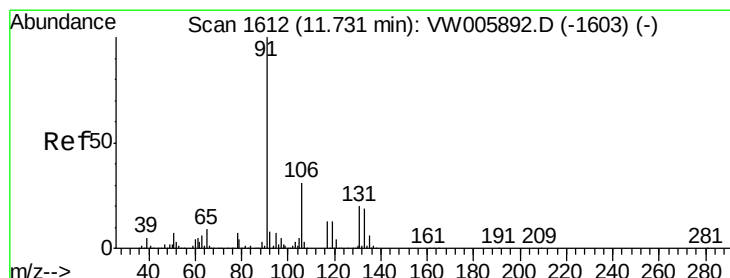
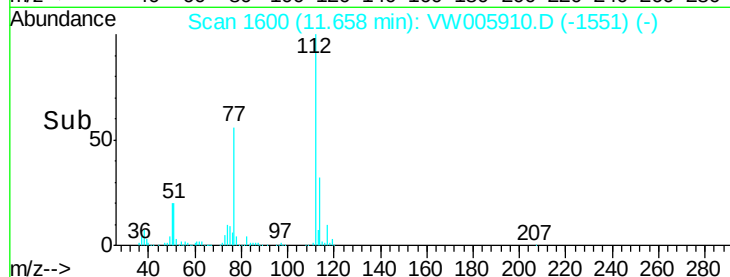
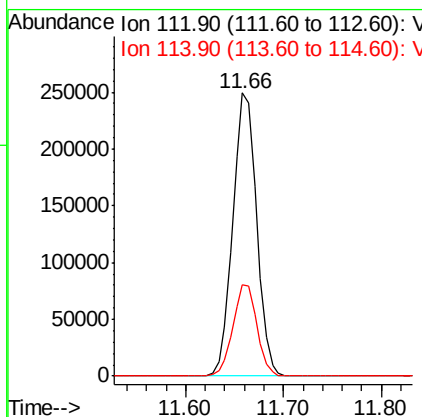
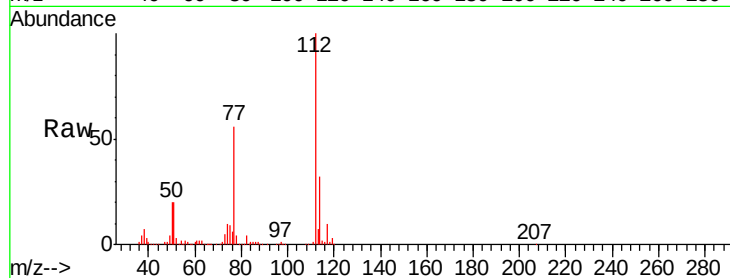
#65
Chlorobenzene
Concen: 52.24 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW005910.D
Acq: 08 Oct 2018 23:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 421633
Ion Ratio Lower Upper
112 100
114 32.3 25.6 38.4

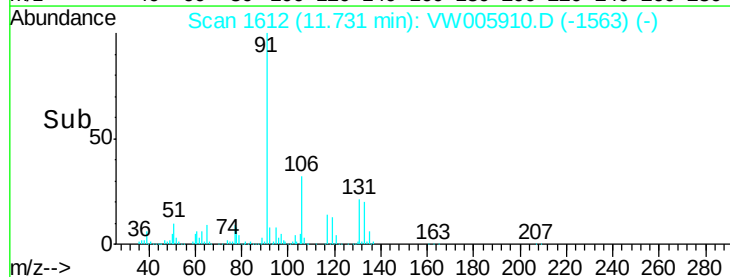
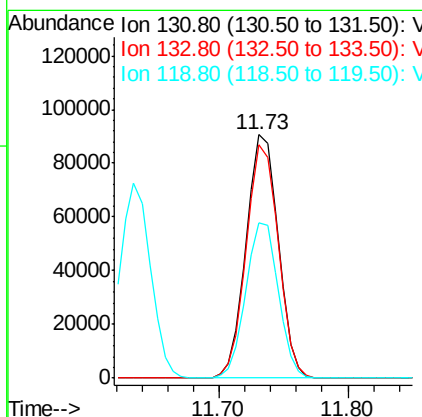
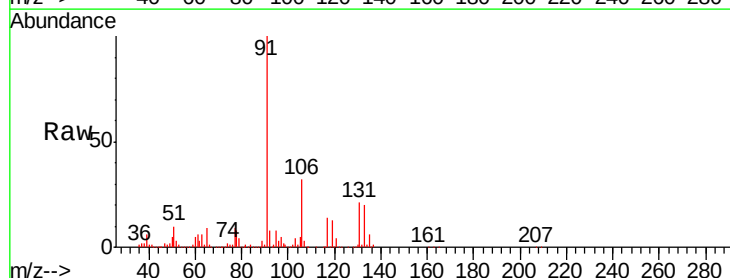
Manual Integrations
APPROVED

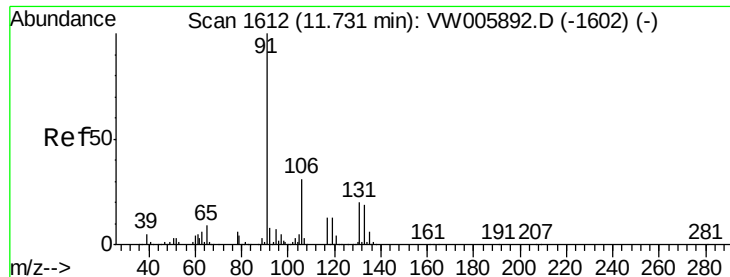
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.86 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW005910.D
Acq: 08 Oct 2018 23:19

Tgt Ion:131 Resp: 156397
Ion Ratio Lower Upper
131 100
133 95.6 48.2 144.6
119 64.6 32.5 97.5





#67

Ethyl Benzene

Concen: 51.41 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.01 min

Lab File: VW005910.D

Acq: 08 Oct 2018 23:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 732908

Ion Ratio Lower Upper

91 100

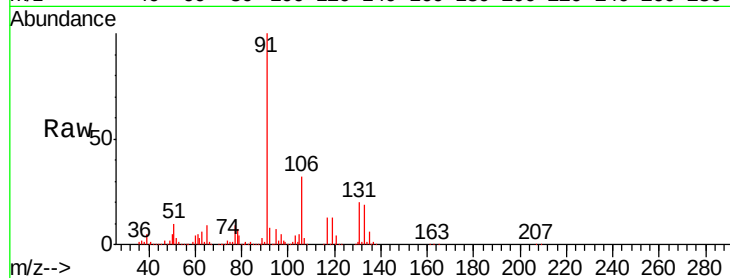
106 32.4 25.0 37.6

Manual Integrations

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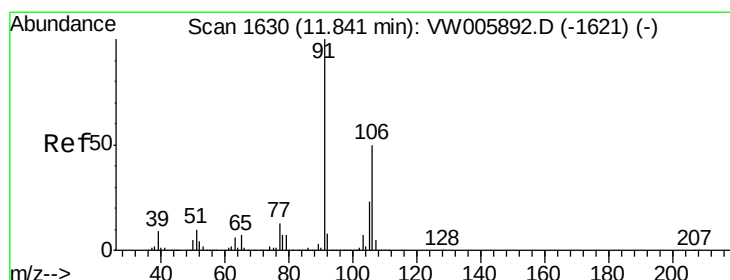
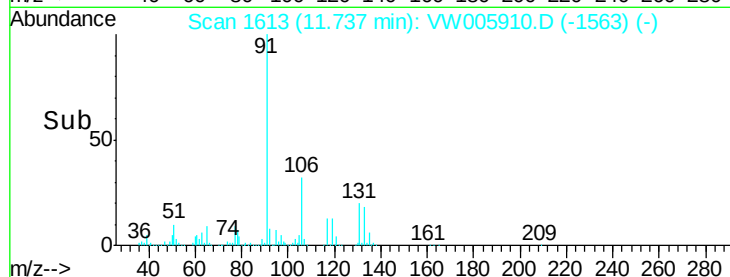
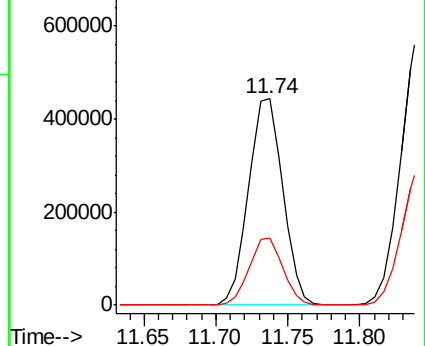
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 103.24 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW005910.D

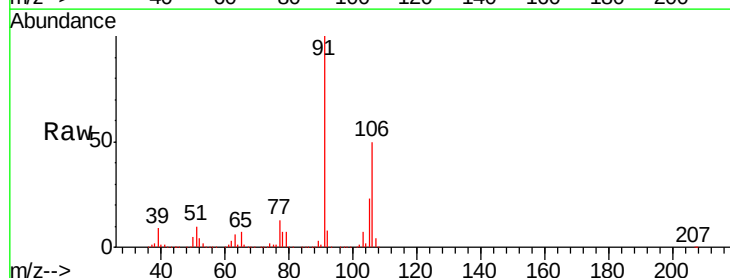
Acq: 08 Oct 2018 23:19

Tgt Ion: 106 Resp: 575213

Ion Ratio Lower Upper

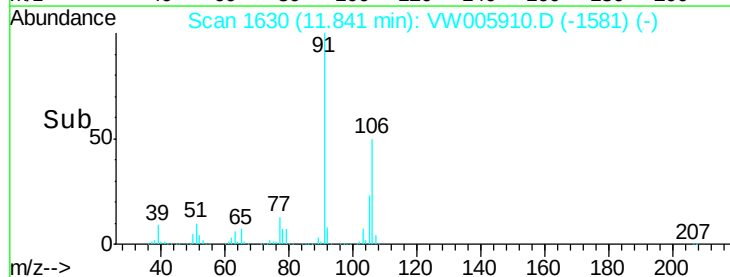
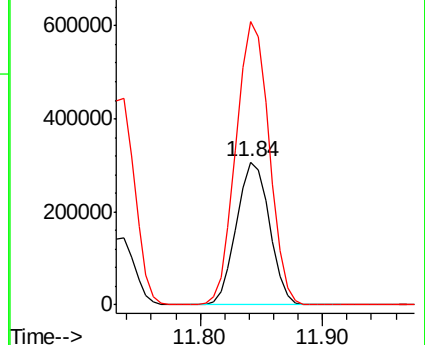
106 100

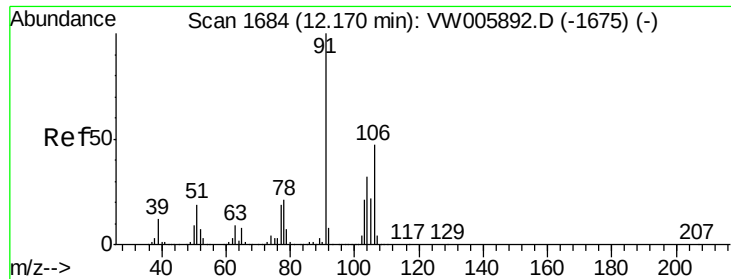
91 199.3 160.2 240.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





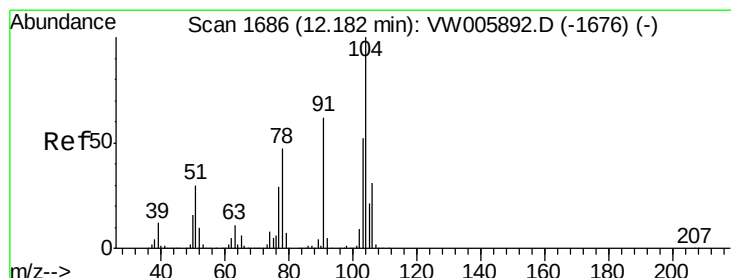
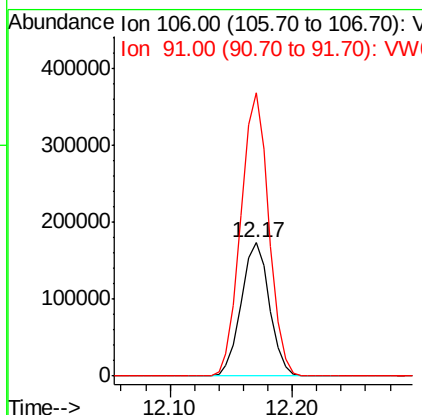
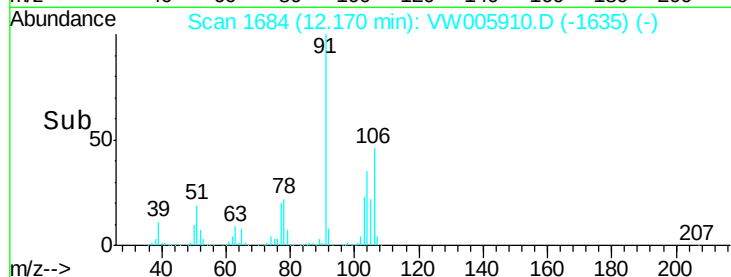
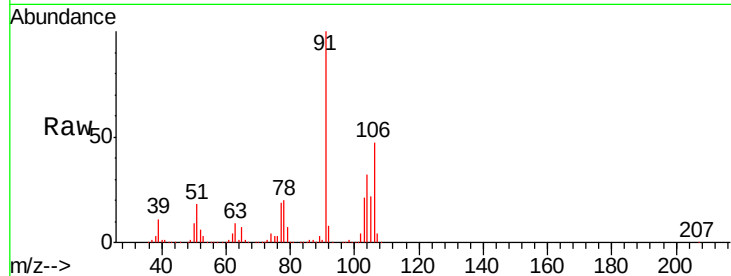
#69
o-Xylene
Concen: 52.09 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005910.D
Acq: 08 Oct 2018 23:19

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tgt Ion:106 Resp: 277863
Ion Ratio Lower Upper
106 100
91 210.1 106.2 318.5

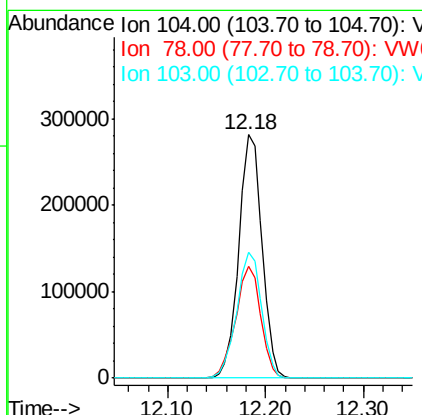
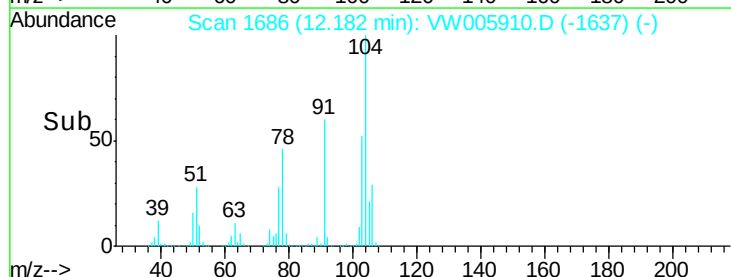
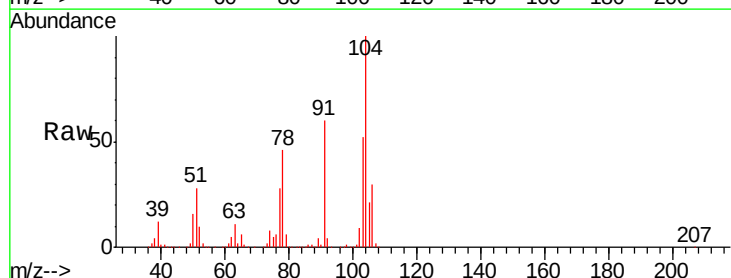
Manual Integrations
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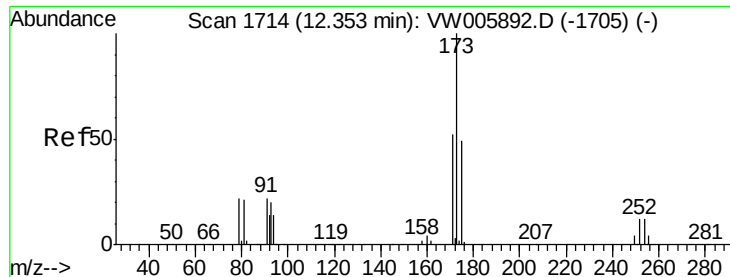
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#70
Styrene
Concen: 52.44 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW005910.D
Acq: 08 Oct 2018 23:19

Tgt Ion:104 Resp: 464136
Ion Ratio Lower Upper
104 100
78 49.6 40.4 60.6
103 55.5 44.2 66.2





#71

Bromoform

Concen: 52.77 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005910.D

Acq: 08 Oct 2018 23:19

Instrument :

MSVOA_W

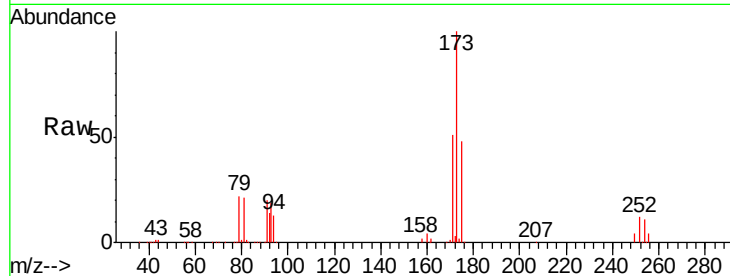
ClientSampleId :

VSTDCCC050

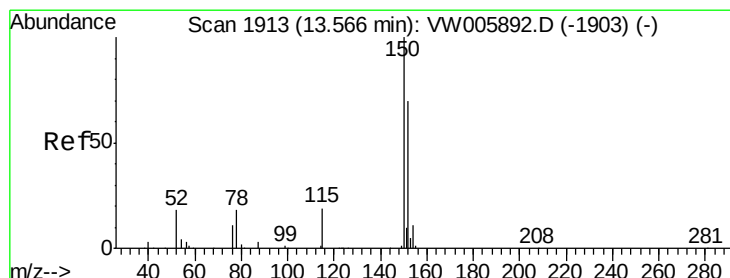
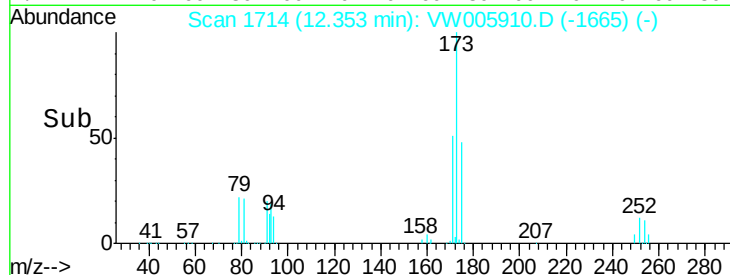
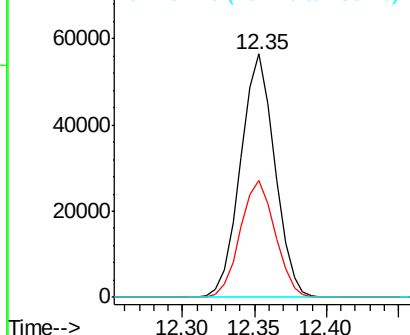
Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.7	74.1
254	0.2	0.2	0.2

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

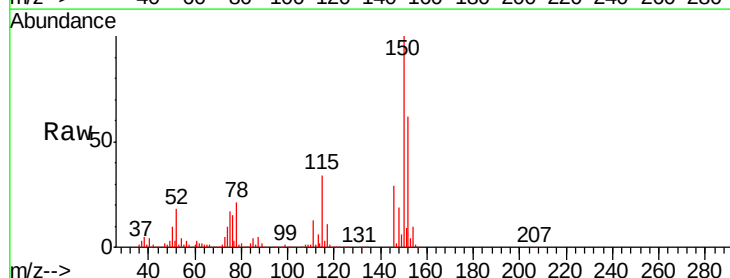
RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

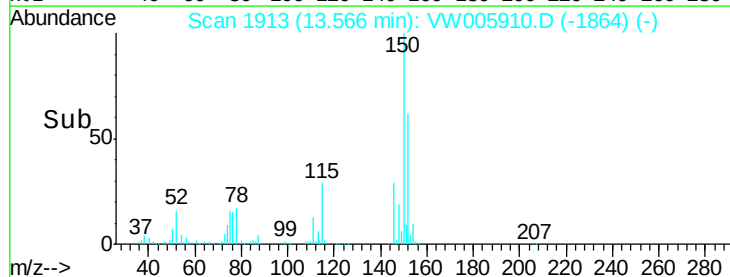
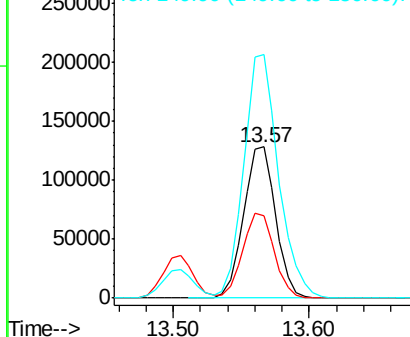
Lab File: VW005910.D

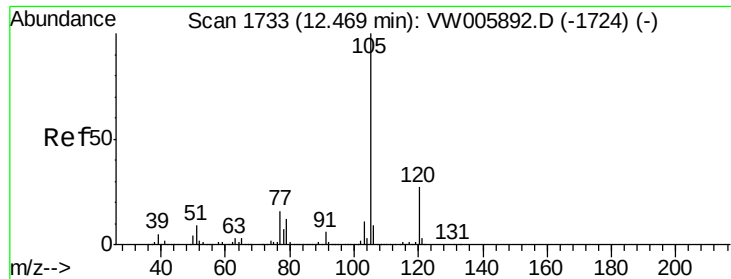
Acq: 08 Oct 2018 23:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.7	28.3	85.0
150	175.0	0.0	349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.84 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005910.D

Acq: 08 Oct 2018 23:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 766534

Ion Ratio Lower Upper

105 100

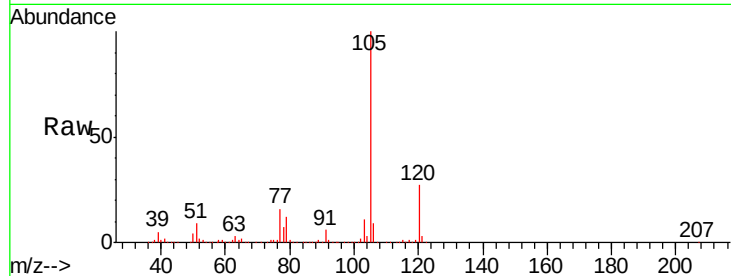
120 27.0 13.6 40.8

Manual Integrations

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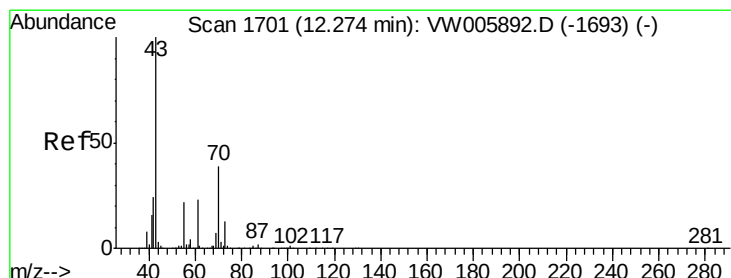
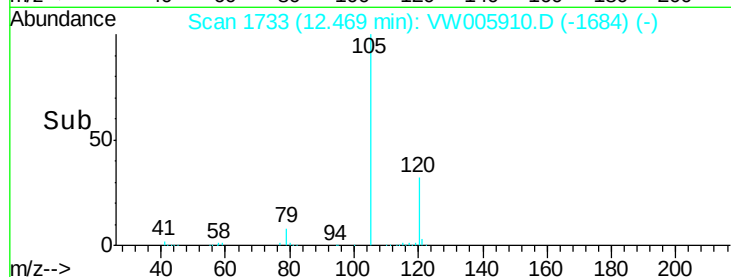
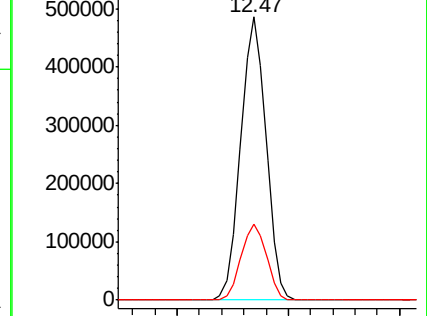
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.53 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW005910.D

Acq: 08 Oct 2018 23:19

Tgt Ion: 43 Resp: 173615

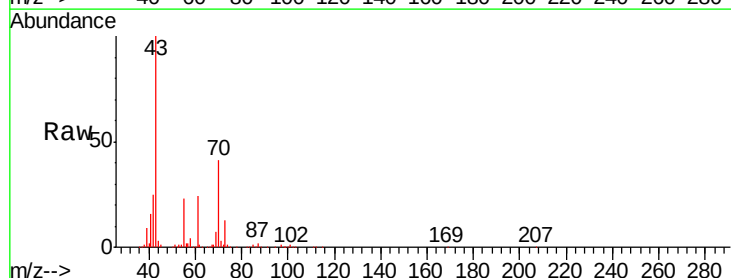
Ion Ratio Lower Upper

43 100

70 41.3 31.6 47.4

55 22.6 17.9 26.9

61 24.0 18.6 28.0

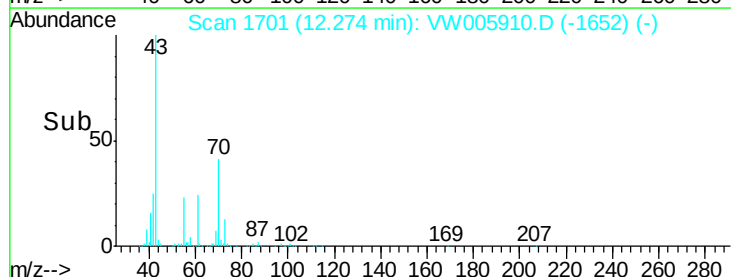
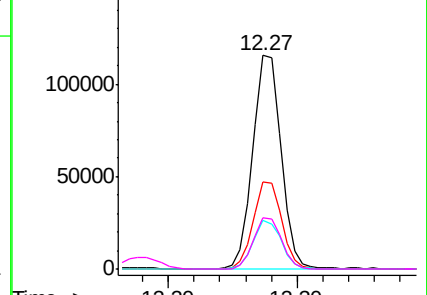


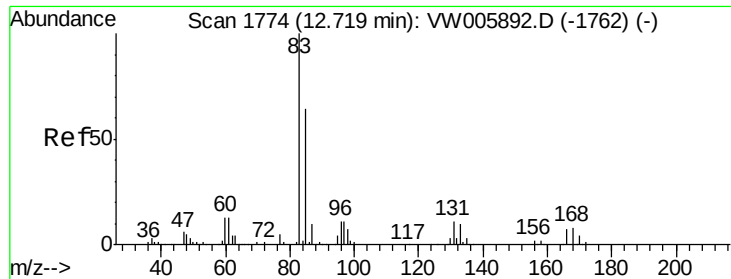
Abundance Ion 43.00 (42.70 to 43.70): VW

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





#75

1,1,2,2-Tetrachloroethane

Concen: 49.69 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005910.D

Acq: 08 Oct 2018 23:19

Instrument :

MSVOA_W

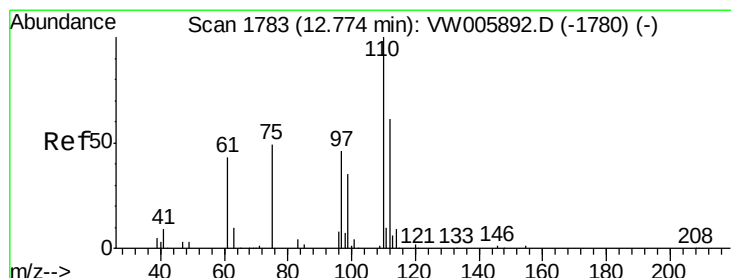
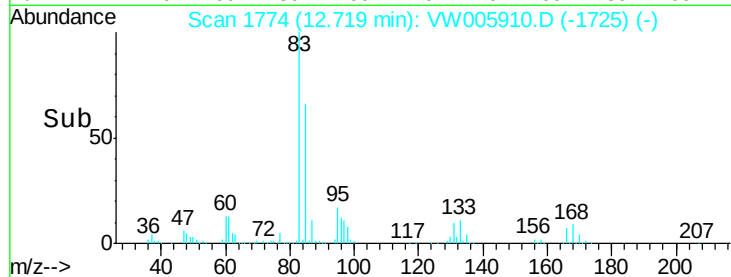
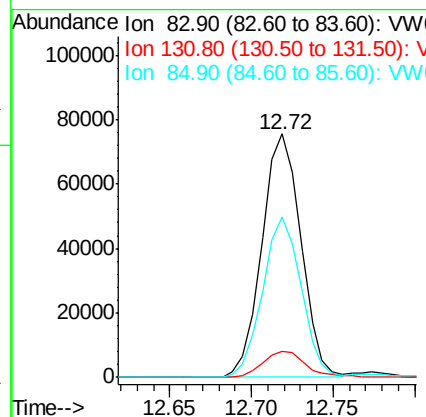
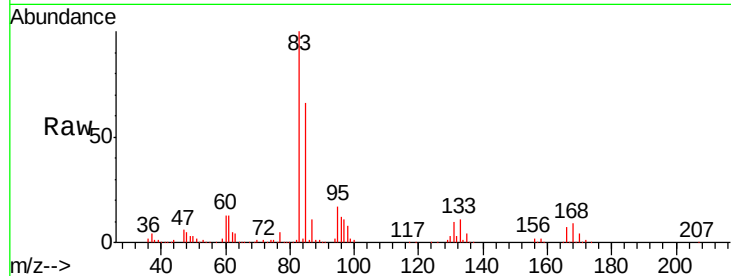
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	125257
Ion Ratio	Lower	Upper	
83	100		
131	11.7	5.8	17.3
85	64.8	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 41.65 ug/l m

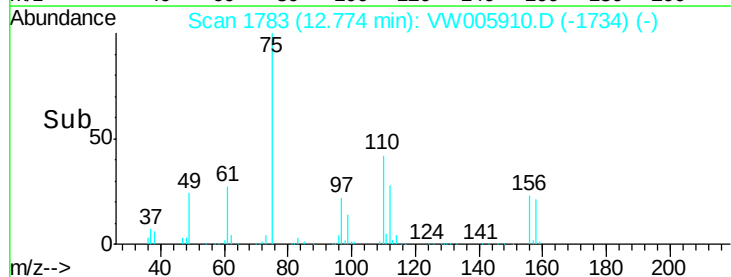
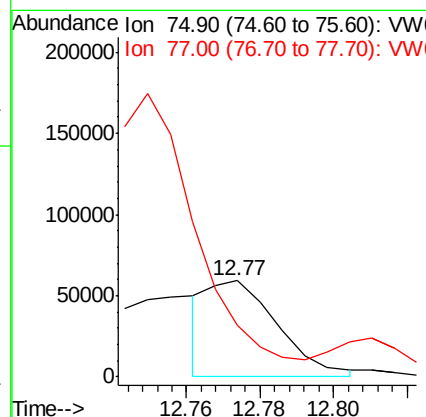
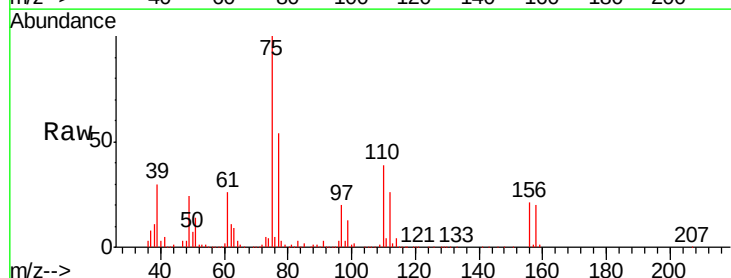
RT: 12.77 min Scan# 1783

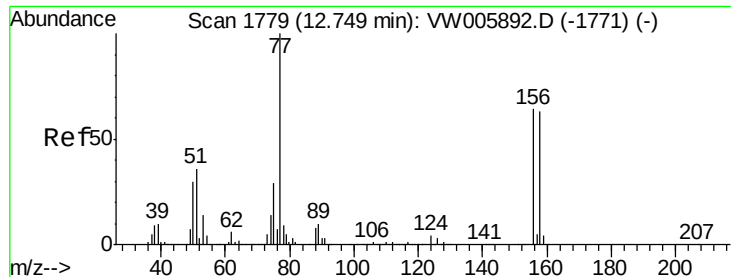
Delta R.T. -0.00 min

Lab File: VW005910.D

Acq: 08 Oct 2018 23:19

Tgt Ion:	75	Resp:	78353
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 52.41 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW005910.D

Acq: 08 Oct 2018 23:19

Instrument :

MSVOA_W

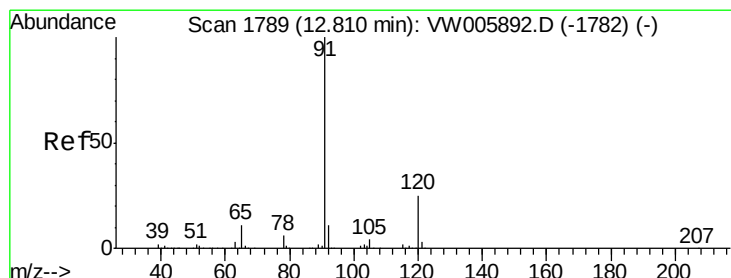
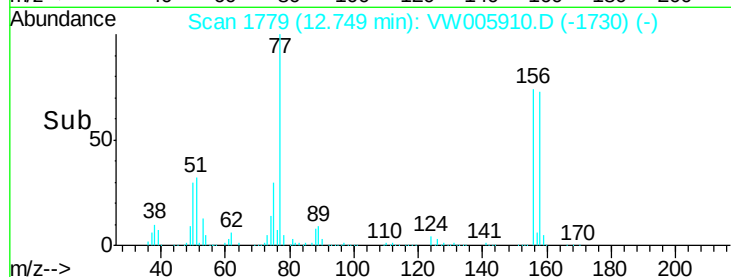
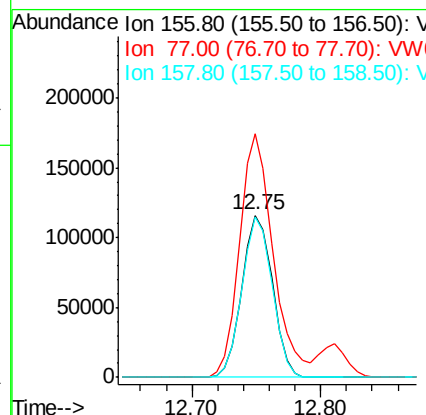
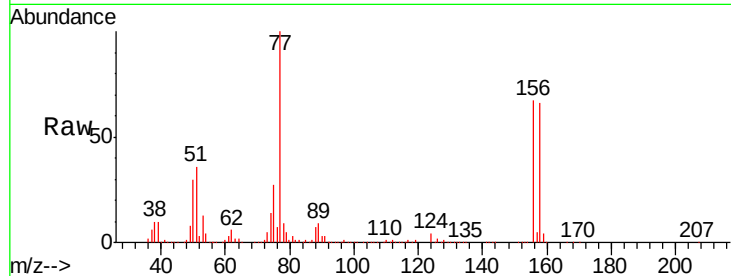
ClientSampled :

VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
156	100	190943		
77	165.2	85.8	257.4	
158	98.0	49.1	147.4	

Manual Integrations
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#78

n-propylbenzene

Concen: 49.32 ug/l

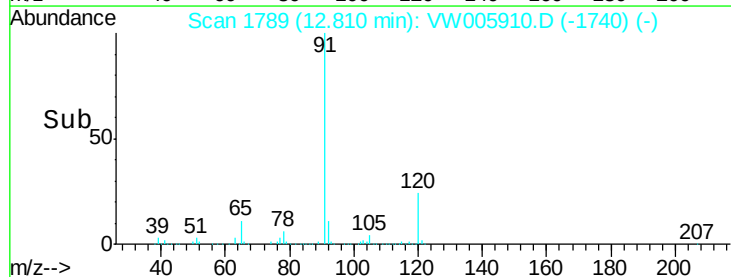
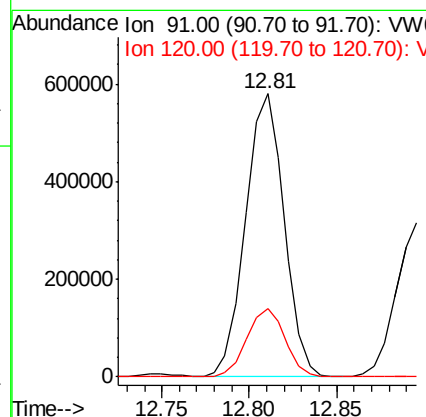
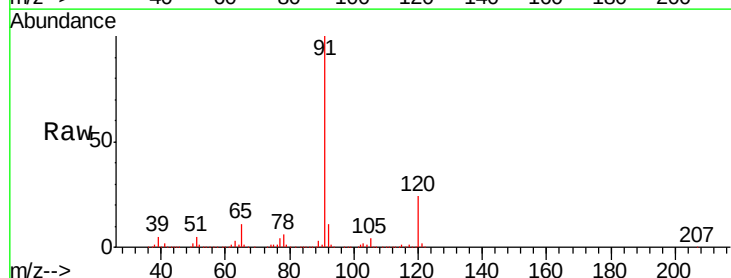
RT: 12.81 min Scan# 1789

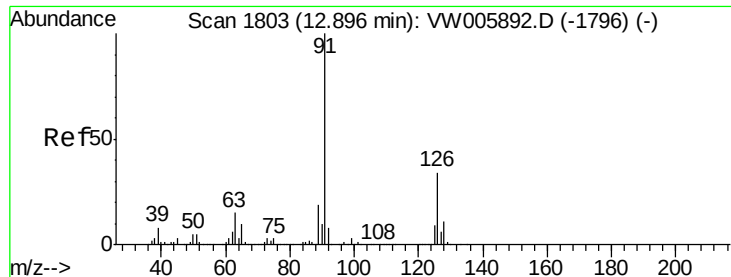
Delta R.T. -0.00 min

Lab File: VW005910.D

Acq: 08 Oct 2018 23:19

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	892271		
120	24.1	12.0	36.0	





#79

2-Chlorotoluene

Concen: 49.94 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005910.D

Acq: 08 Oct 2018 23:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 510052

Ion Ratio Lower Upper

91 100

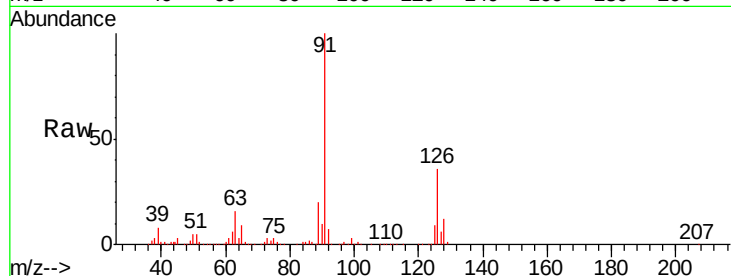
126 36.0 17.5 52.5

Manual Integrations

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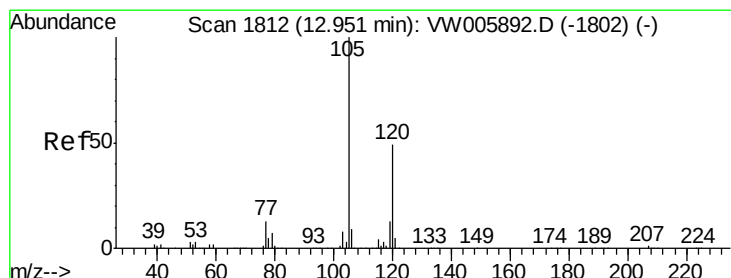
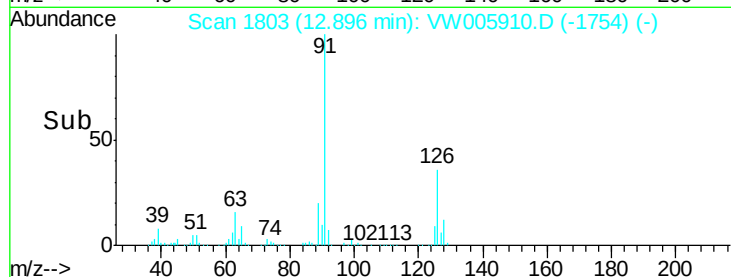
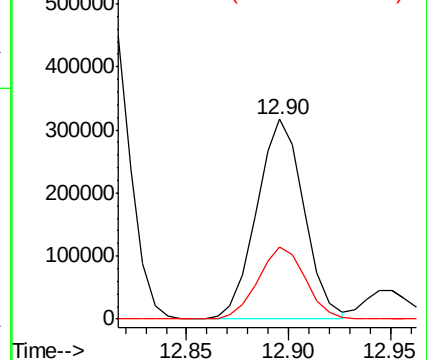
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.26 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005910.D

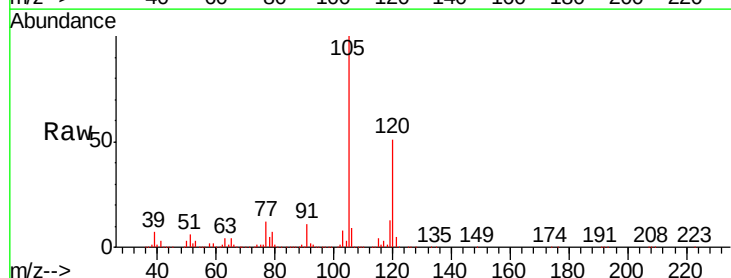
Acq: 08 Oct 2018 23:19

Tgt Ion: 105 Resp: 652531

Ion Ratio Lower Upper

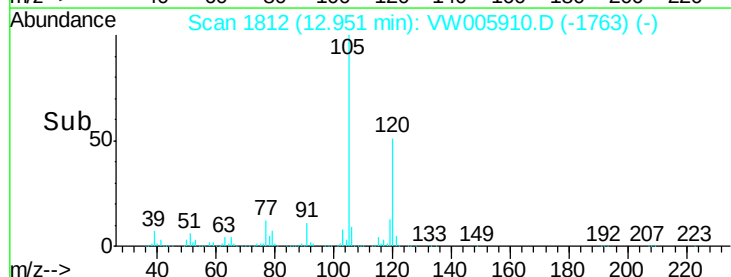
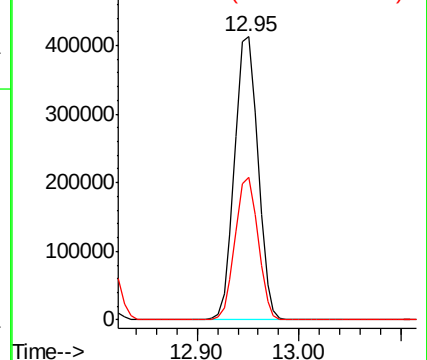
105 100

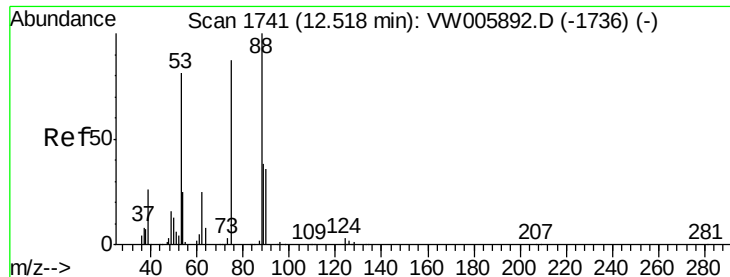
120 49.7 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





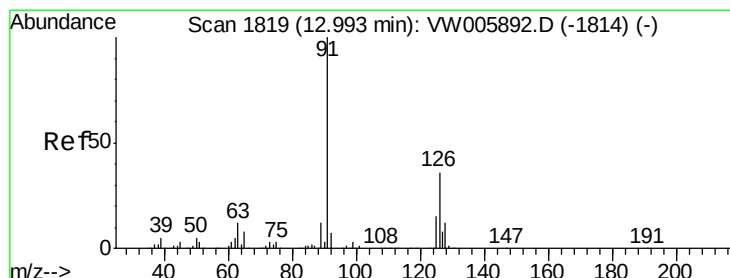
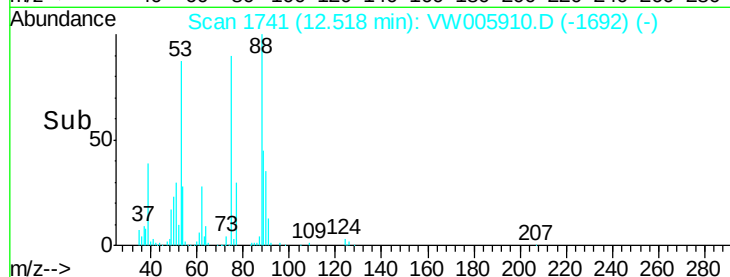
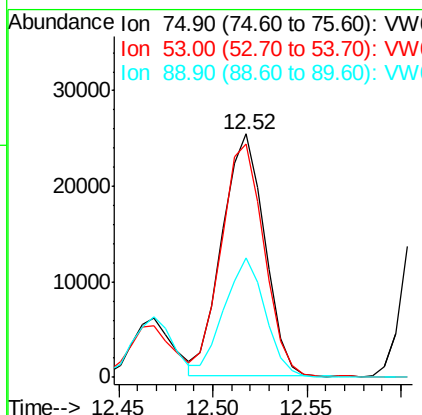
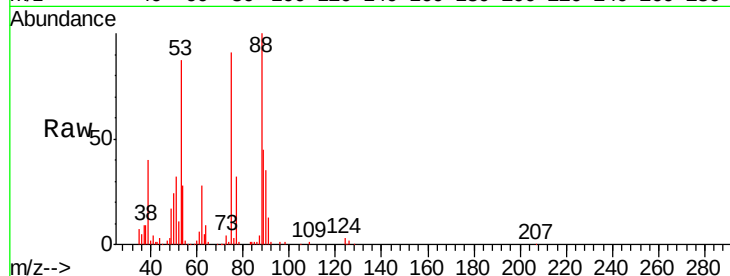
#81
trans-1,4-Dichloro-2-butene
Concen: 44.73 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005910.D
Acq: 08 Oct 2018 23:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	98.1	76.5	114.7
89	48.2	37.6	56.4

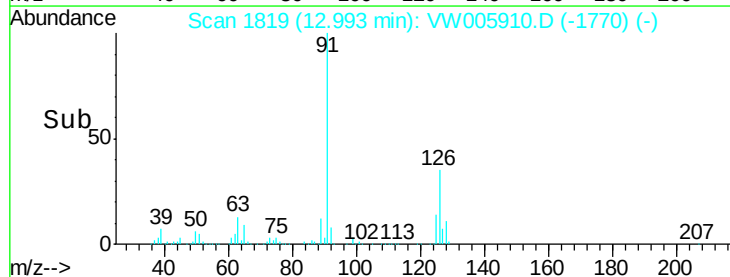
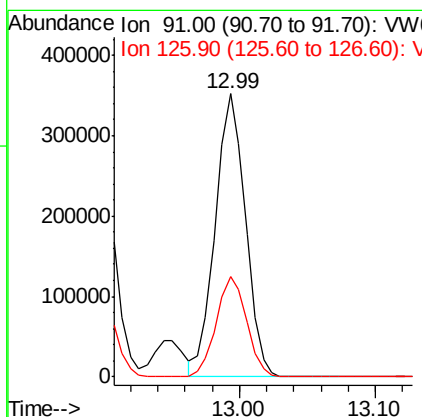
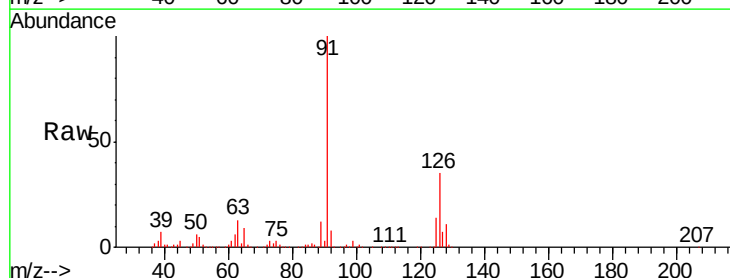
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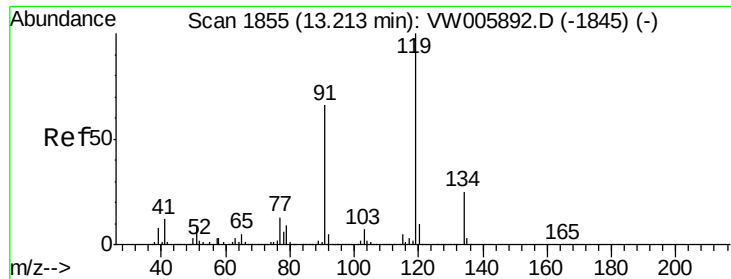
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#82
4-Chlorotoluene
Concen: 50.39 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005910.D
Acq: 08 Oct 2018 23:19

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.7	17.4	52.2





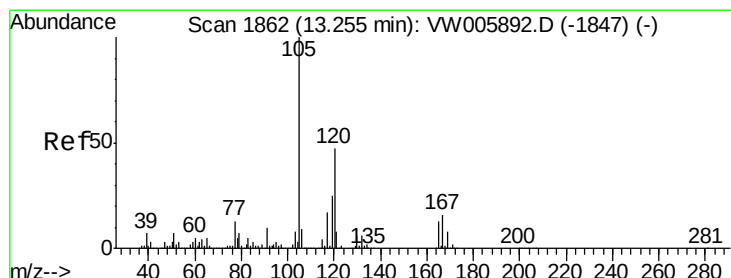
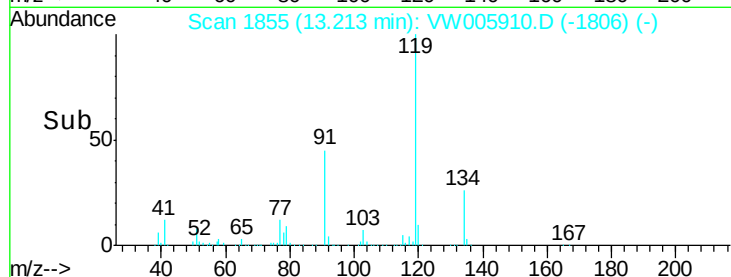
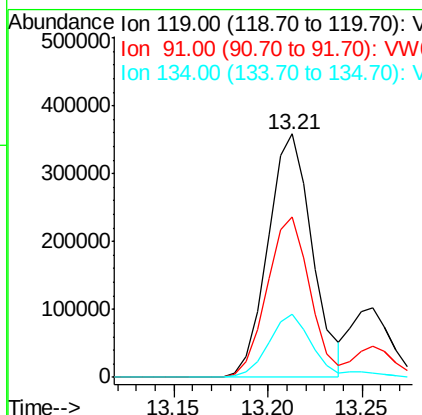
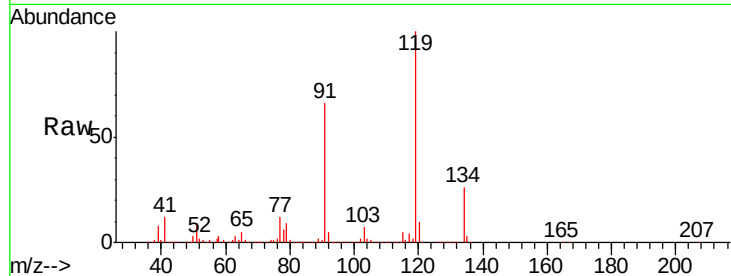
#83
 tert-Butylbenzene
 Concen: 50.55 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005910.D
 Acq: 08 Oct 2018 23:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	583804		
91	64.0		32.4	97.0
134	26.6		13.2	39.6

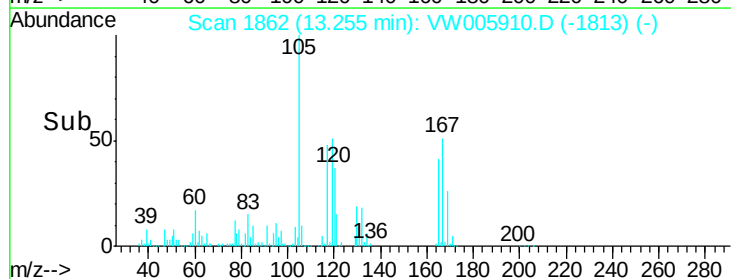
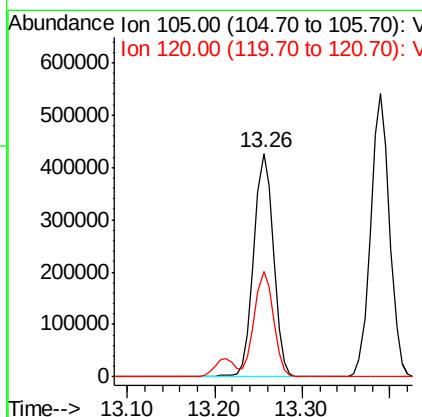
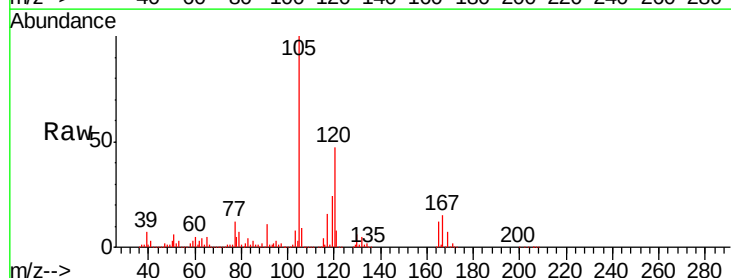
Manual Integrations
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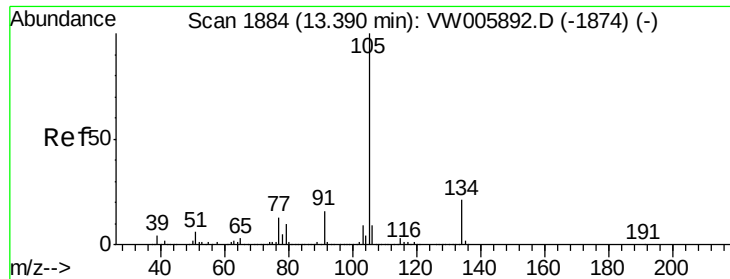
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.87 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW005910.D
 Acq: 08 Oct 2018 23:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	666302		
120	45.4		22.8	68.3





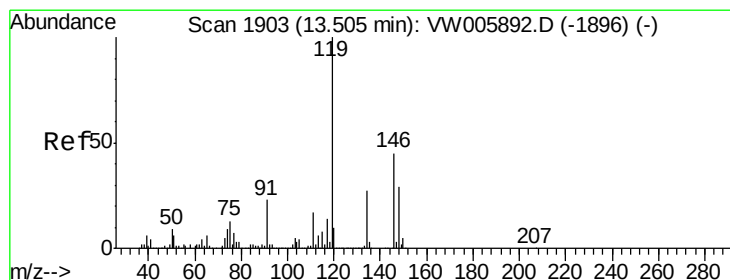
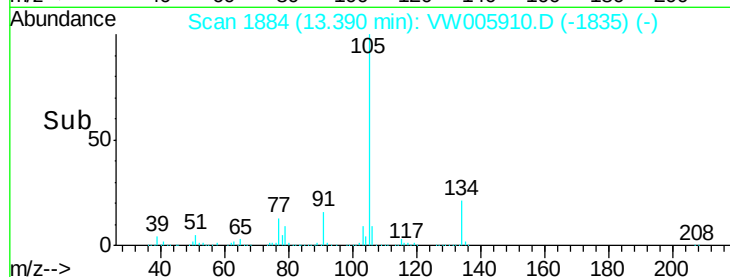
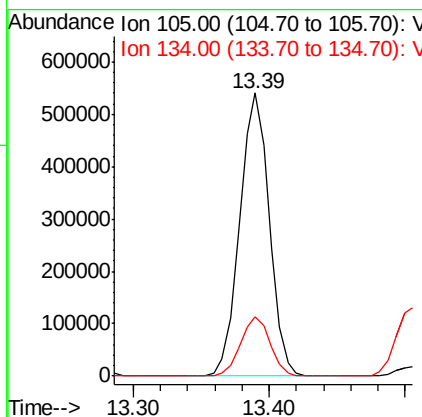
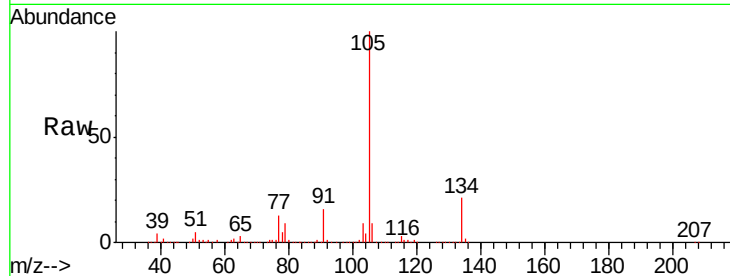
#85
 sec-Butylbenzene
 Concen: 50.37 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005910.D
 Acq: 08 Oct 2018 23:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 816483
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.4

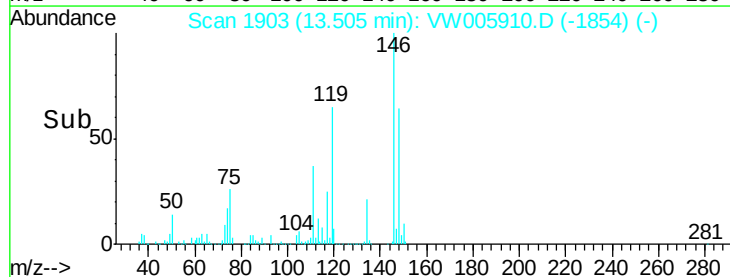
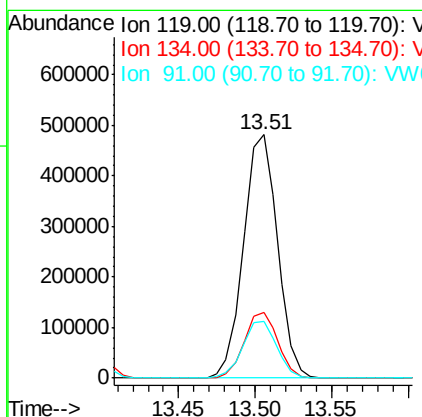
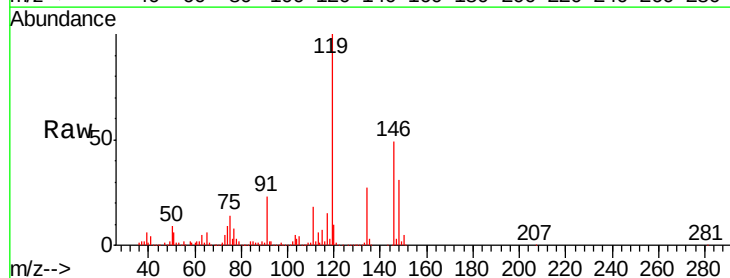
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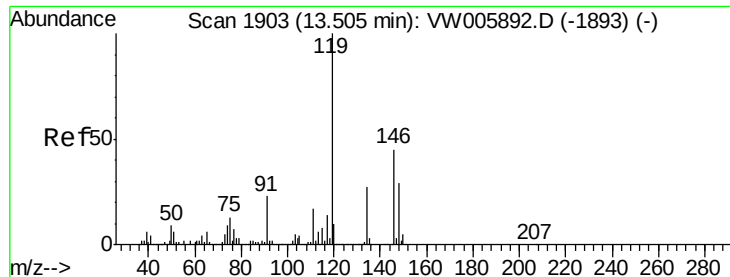
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#86
 p-Isopropyltoluene
 Concen: 50.76 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005910.D
 Acq: 08 Oct 2018 23:19

Tgt Ion:119 Resp: 739976
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.5 40.5
 91 23.4 11.9 35.5





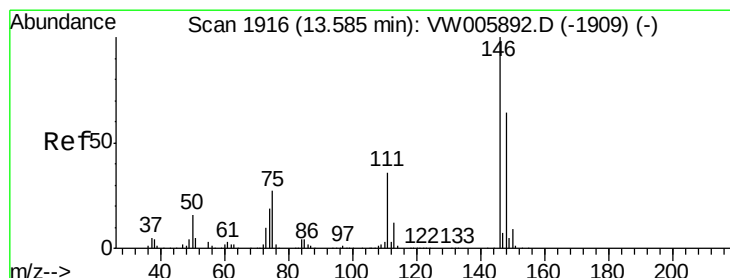
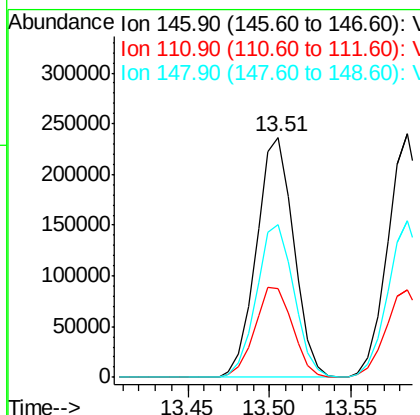
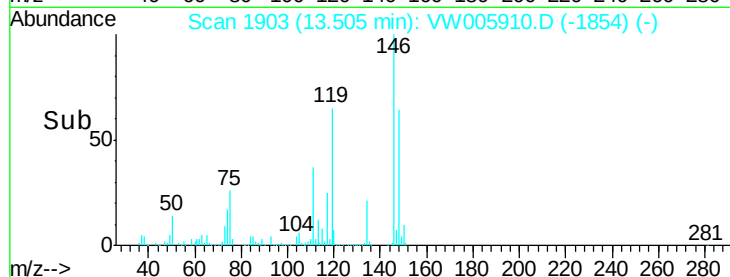
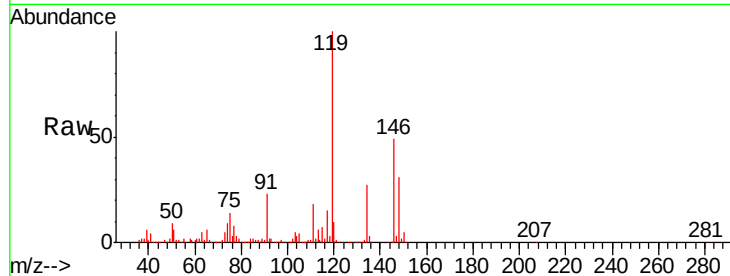
#87
 1,3-Dichlorobenzene
 Concen: 52.08 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005910.D
 Acq: 08 Oct 2018 23:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.5	58.5
148	63.9	32.1	96.5

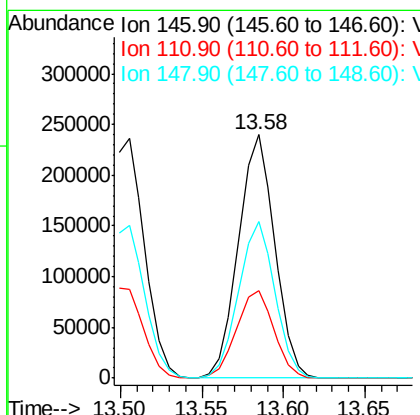
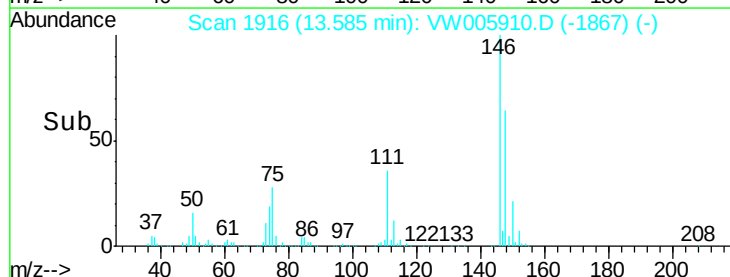
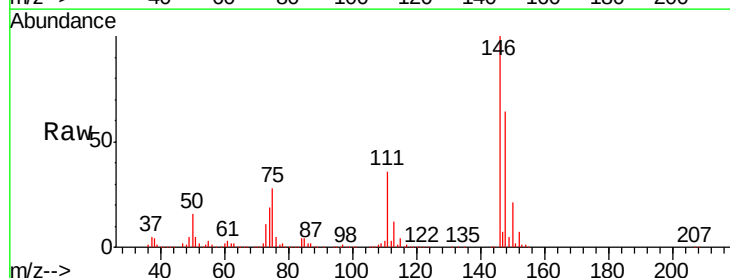
Manual Integrations
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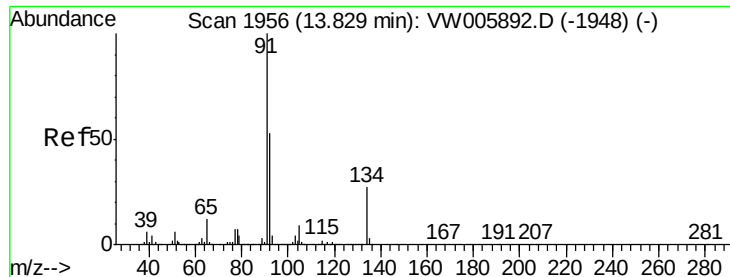
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#88
 1,4-Dichlorobenzene
 Concen: 51.86 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005910.D
 Acq: 08 Oct 2018 23:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.0	57.0
148	64.3	32.0	96.2





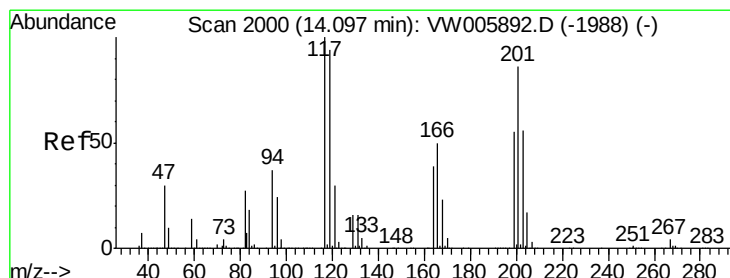
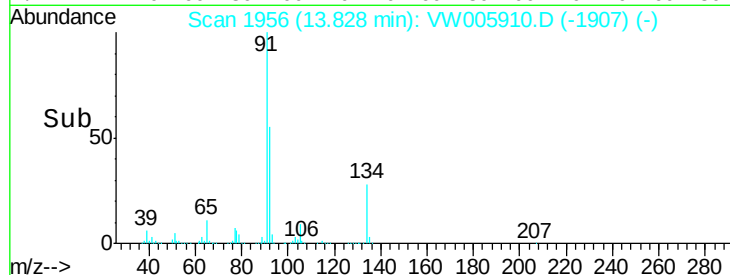
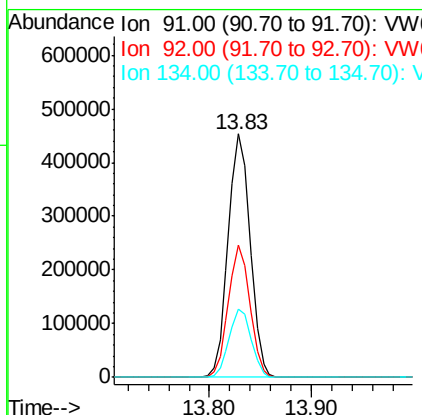
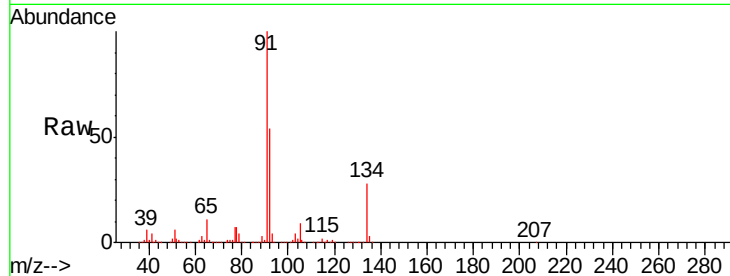
#89
n-Butylbenzene
Concen: 49.14 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW005910.D
Acq: 08 Oct 2018 23:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.6	79.8
134	28.1	13.8	41.4

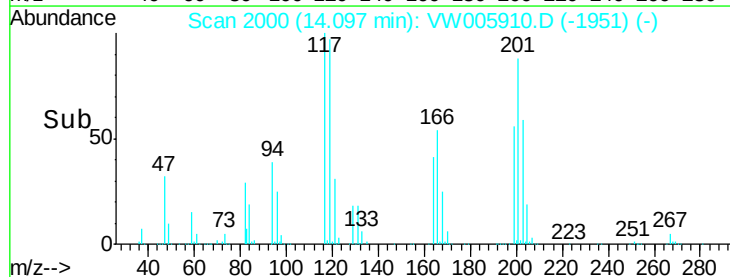
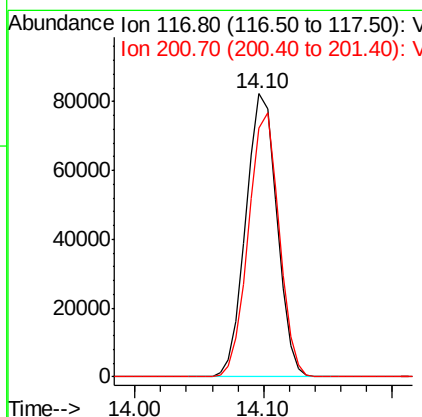
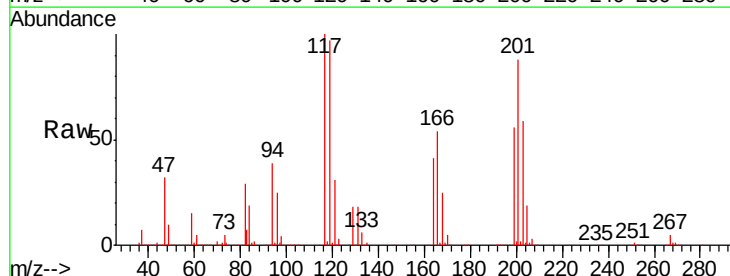
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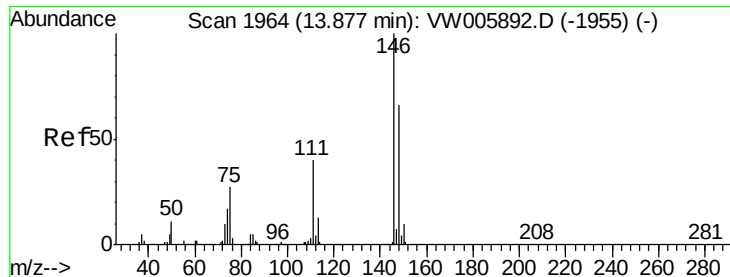
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#90
Hexachloroethane
Concen: 50.16 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW005910.D
Acq: 08 Oct 2018 23:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.3	44.5	133.5





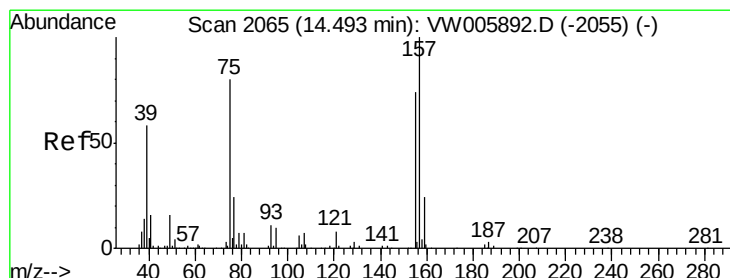
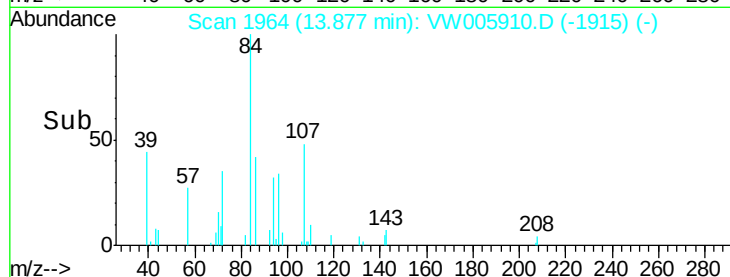
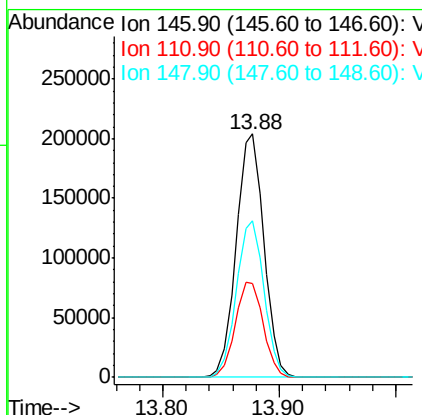
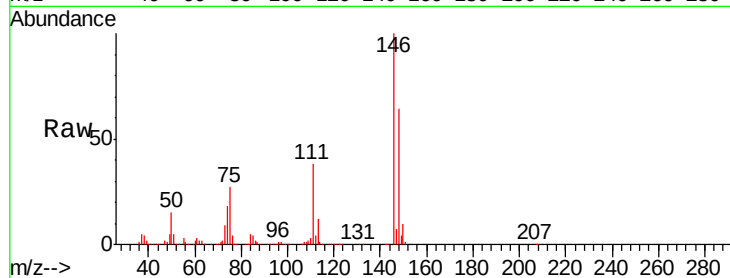
#91
 1,2-Dichlorobenzene
 Concen: 52.61 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005910.D
 Acq: 08 Oct 2018 23:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	338106		
111	39.6	20.3	61.0	
148	64.3	32.5	97.4	

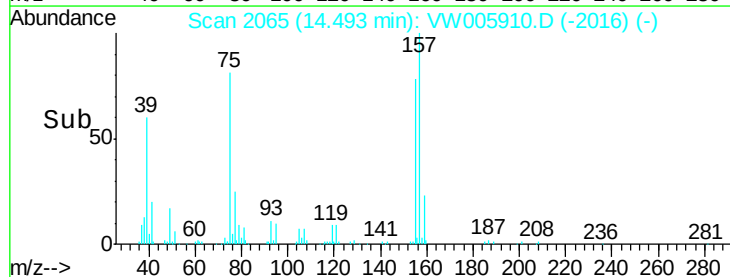
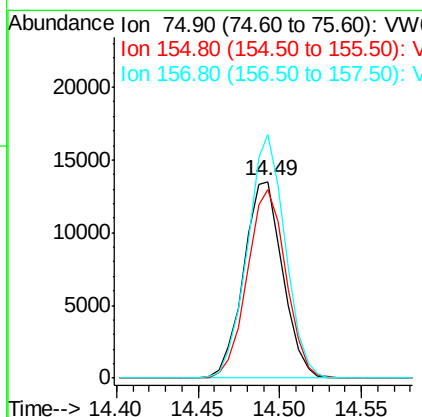
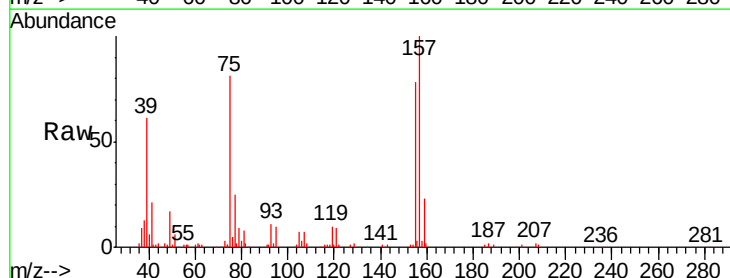
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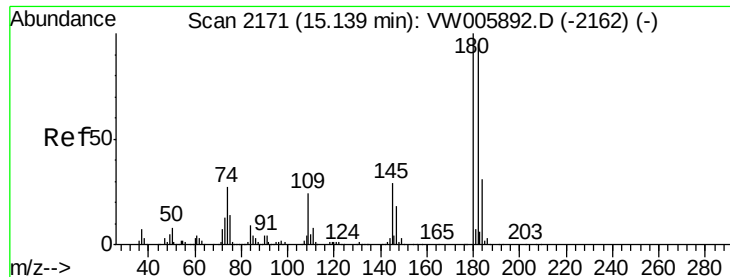
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.92 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005910.D
 Acq: 08 Oct 2018 23:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	22509		
155	95.2	44.8	134.3	
157	119.9	58.9	176.6	





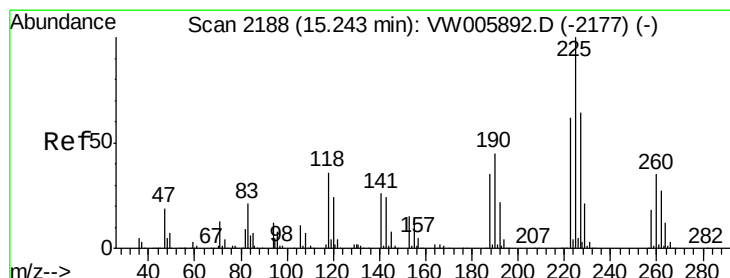
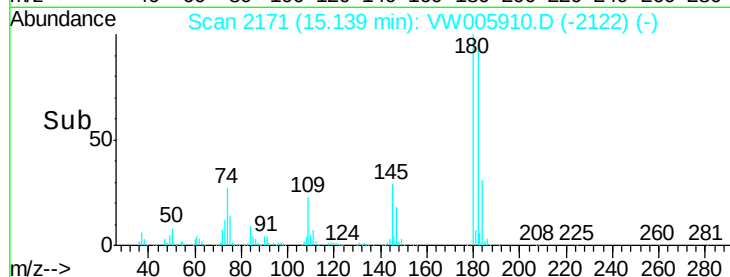
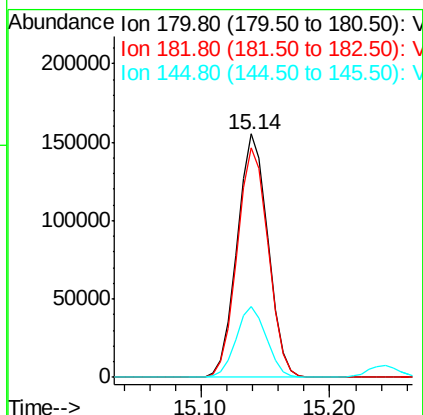
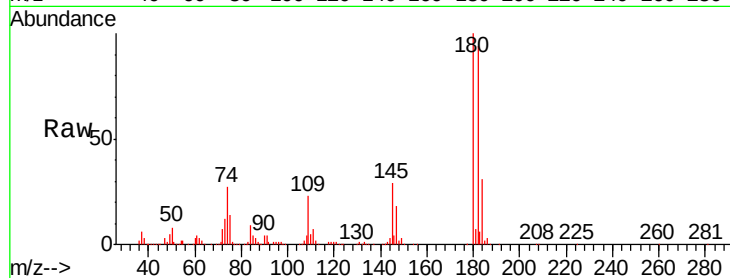
#93
 1,2,4-Trichlorobenzene
 Concen: 51.59 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW005910.D
 Acq: 08 Oct 2018 23:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	257095		
182	94.8	47.8	143.3	
145	28.7	14.5	43.6	

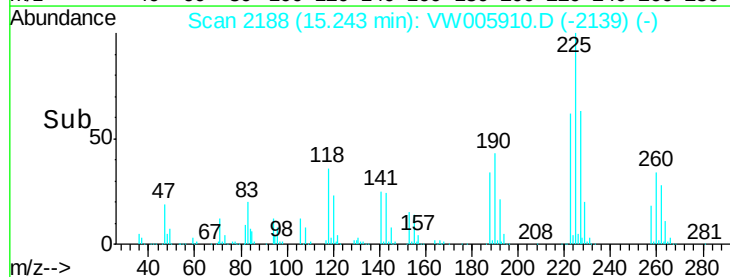
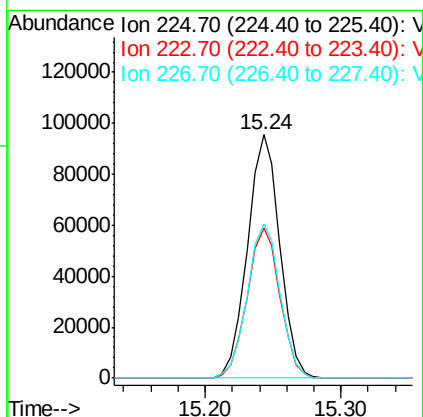
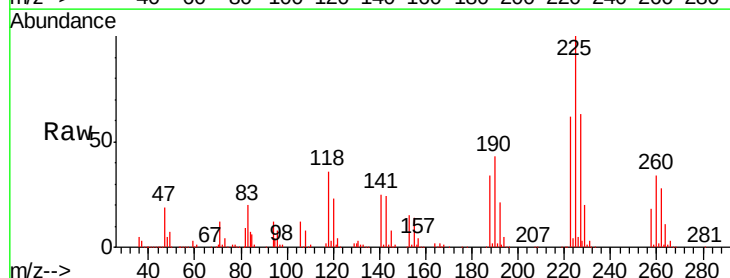
Manual Integrations
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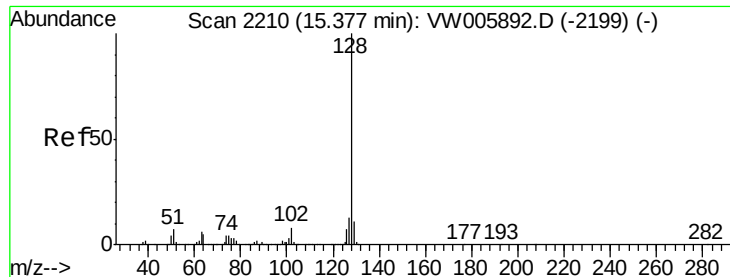
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#94
 Hexachlorobutadiene
 Concen: 51.03 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW005910.D
 Acq: 08 Oct 2018 23:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	158723		
223	62.7	31.2	93.6	
227	64.3	31.9	95.9	





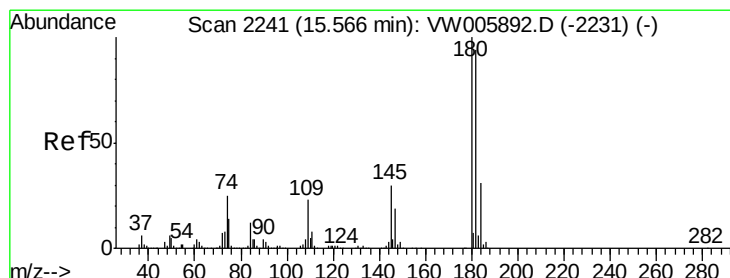
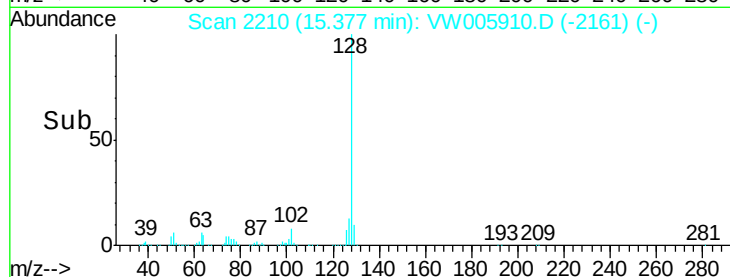
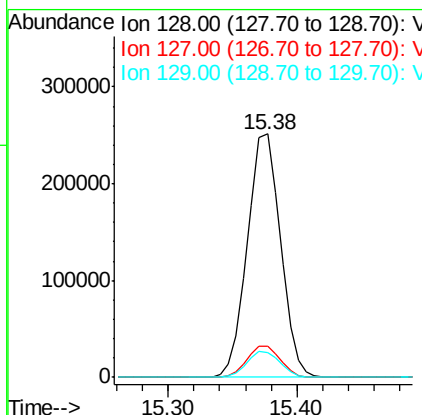
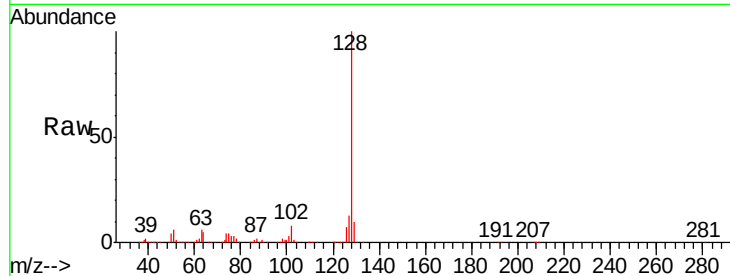
#95
Naphthalene
Concen: 52.09 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005910.D
Acq: 08 Oct 2018 23:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	447404		
127	13.0	10.5	15.7	
129	10.7	8.9	13.3	

Manual Integrations
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10/9/2018 4:35:32 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.85 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005910.D
Acq: 08 Oct 2018 23:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	223735		
182	95.9	47.6	142.8	
145	30.8	15.3	45.9	

