

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007186.D
 Acq On : 04 Dec 2018 14:29
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVW120418

Manual Integrations
 APPROVED

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 12/5/2018 12:43:51 PM

Quant Time: Dec 05 05:43:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 14:18:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	107753	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	167712	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	144837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	74967	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	49379	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
35) Dibromofluoromethane	7.89	113	47251	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
50) Toluene-d8	10.33	98	211635	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	12.62	95	78057	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	53277	45.192	ug/l	99
3) Chloromethane	2.21	50	63875	42.785	ug/l	99
4) Vinyl Chloride	2.36	62	46327	49.561	ug/l	99
5) Bromomethane	2.76	94	26282	56.109	ug/l	98
6) Chloroethane	2.92	64	26182	49.920	ug/l	95
7) Trichlorofluoromethane	3.26	101	86857	47.660	ug/l	99
8) Diethyl Ether	3.69	74	24422	48.076	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	53824	48.891	ug/l	99
10) Methyl Iodide	4.28	142	47976	51.157	ug/l	100
11) Tert butyl alcohol	5.15	59	26550	279.490	ug/l	98
12) 1,1-Dichloroethene	4.04	96	49870	48.338	ug/l	98
13) Acrolein	3.90	56	17496	248.893	ug/l	99
14) Allyl chloride	4.67	41	80280	48.545	ug/l	98
15) Acrylonitrile	5.37	53	56464	265.883	ug/l	99
16) Acetone	4.12	43	67570	284.508	ug/l	100
17) Carbon Disulfide	4.38	76	166295	48.899	ug/l	100
18) Methyl Acetate	4.67	43	27108	50.005	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	121405	49.980	ug/l	99
20) Methylene Chloride	4.92	84	58714	48.985	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	55446	48.130	ug/l	96
22) Diisopropyl ether	6.31	45	148233	49.932	ug/l	95
23) Vinyl Acetate	6.26	43	426939	263.565	ug/l	98
24) 1,1-Dichloroethane	6.22	63	93903	49.351	ug/l	99
25) 2-Butanone	7.17	43	72141	262.037	ug/l	99
26) 2,2-Dichloropropane	7.17	77	90282	49.374	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	60363	48.879	ug/l	98
28) Bromochloromethane	7.51	49	33121	48.274	ug/l	98
29) Tetrahydrofuran	7.52	42	43931	258.223	ug/l	99
30) Chloroform	7.68	83	95347	48.216	ug/l	98
31) Cyclohexane	7.96	56	97174	48.810	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	92890	49.915	ug/l	99
36) 1,1-Dichloropropene	8.09	75	81096	49.695	ug/l	99
37) Ethyl Acetate	7.25	43	30230	51.212	ug/l	99
38) Carbon Tetrachloride	8.07	117	82812	49.719	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	111858	51.204	ug/l	99
40) Benzene	8.32	78	224576	50.187	ug/l	99
41) Methacrylonitrile	7.49	41	17882	50.576	ug/l	93
42) 1,2-Dichloroethane	8.40	62	62312	49.825	ug/l	99
43) Isopropyl Acetate	8.43	43	59610	51.995	ug/l	99
44) Trichloroethene	9.09	130	63105	50.170	ug/l	96
45) 1,2-Dichloropropane	9.37	63	52304	50.229	ug/l	100
46) Dibromomethane	9.46	93	27296	50.446	ug/l	95
47) Bromodichloromethane	9.65	83	68600	48.197	ug/l	97
48) Methyl methacrylate	9.44	41	30295	50.914	ug/l	93
49) 1,4-Dioxane	9.45	88	10536	1114.634	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	151948	268.946	ug/l	100
52) Toluene	10.39	92	157829	50.704	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	73924	51.659	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	83982	50.078	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	38413	49.908	ug/l	99
56) Ethyl methacrylate	10.65	69	54709	54.492	ug/l	99
57) 1,3-Dichloropropane	10.93	76	66298	51.021	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	103193	255.894	ug/l	98
59) 2-Hexanone	10.97	43	114195	278.823	ug/l	100
60) Dibromochloromethane	11.13	129	47259	49.959	ug/l	98
61) 1,2-Dibromoethane	11.24	107	38488	52.136	ug/l	99
64) Tetrachloroethene	10.87	164	54691	51.683	ug/l	98
65) Chlorobenzene	11.66	112	167202	51.689	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	52053	52.105	ug/l	99
67) Ethyl Benzene	11.73	91	300427	50.958	ug/l	100
68) m/p-Xylenes	11.84	106	243460	105.262	ug/l	99
69) o-Xylene	12.17	106	110245	51.018	ug/l	95
70) Styrene	12.18	104	178945	50.587	ug/l	97
71) Bromoform	12.35	173	26914	53.818	ug/l #	100
73) Isopropylbenzene	12.47	105	318647	52.260	ug/l	99
74) N-amyl acetate	12.27	43	58701	54.300	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	43286	54.663	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	33848m	30.045	ug/l	
77) Bromobenzene	12.75	156	67483	51.274	ug/l	98
78) n-propylbenzene	12.81	91	372374	51.262	ug/l	97
79) 2-Chlorotoluene	12.90	91	204797	49.925	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	258690	49.594	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.52	75	14745	54.749	ug/l	97
82) 4-Chlorotoluene	12.99	91	224552	51.456	ug/l	96
83) tert-Butylbenzene	13.21	119	237365	52.073	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	260261	48.880	ug/l	94
85) sec-Butylbenzene	13.39	105	329128	50.577	ug/l	100
86) p-Isopropyltoluene	13.51	119	296496	51.182	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	139541	51.647	ug/l	96
88) 1,4-Dichlorobenzene	13.58	146	134908	49.433	ug/l	97
89) n-Butylbenzene	13.83	91	280056	51.734	ug/l	98
90) Hexachloroethane	14.10	117	45397	51.425	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	119118	50.927	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7934	51.721	ug/l	95

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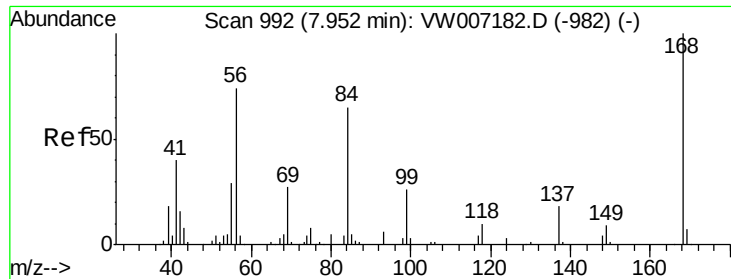
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	80737	49.809	ug/l	99
94) Hexachlorobutadiene	15.24	225	43660	49.949	ug/l	99
95) Naphthalene	15.38	128	151548	52.167	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	67411	49.320	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007186.D

Acq: 04 Dec 2018 14:29

Instrument :

MSVOA_W

ClientSampleId :

ICVWV120418

Tgt Ion: 168 Resp: 107753

Ion Ratio Lower Upper

168 100

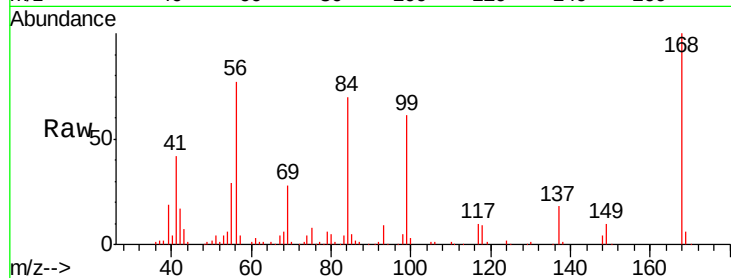
99 61.0 47.8 71.8

Manual Integrations

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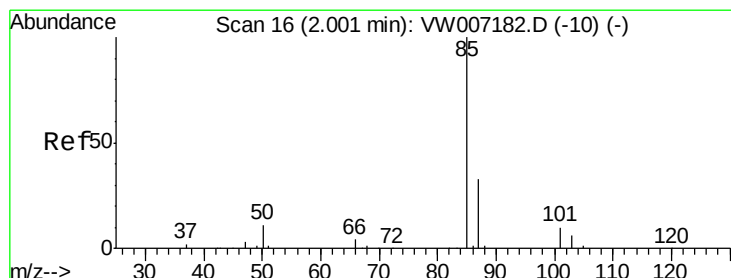
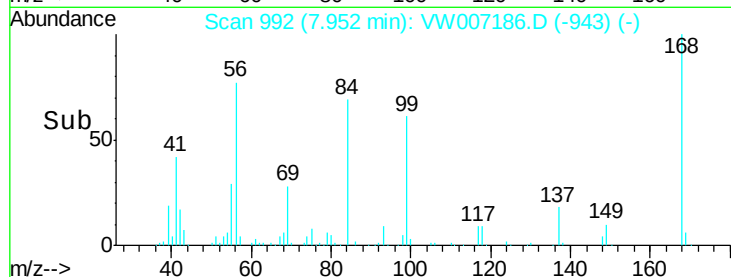
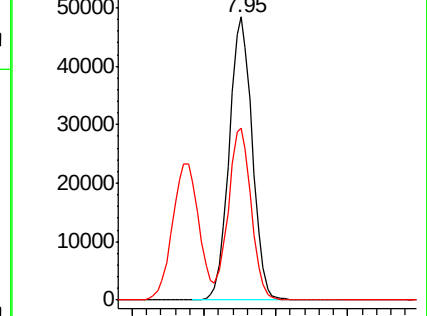
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 45.192 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW007186.D

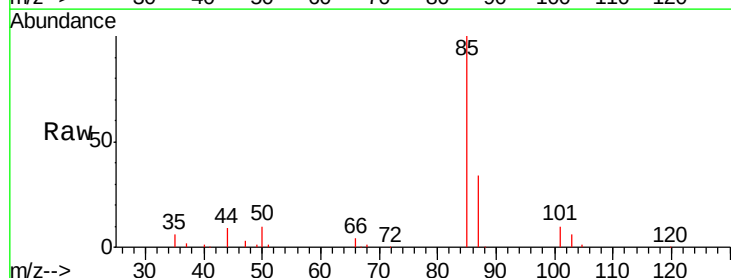
Acq: 04 Dec 2018 14:29

Tgt Ion: 85 Resp: 53277

Ion Ratio Lower Upper

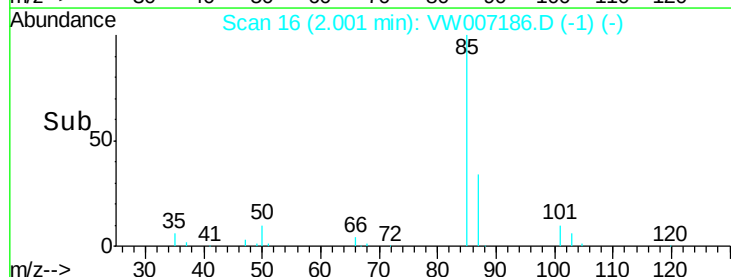
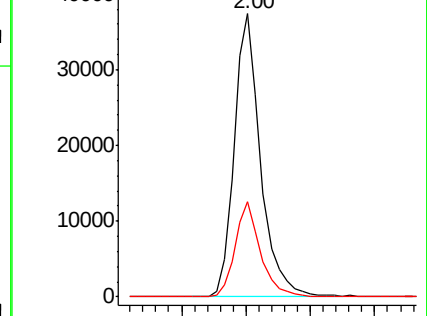
85 100

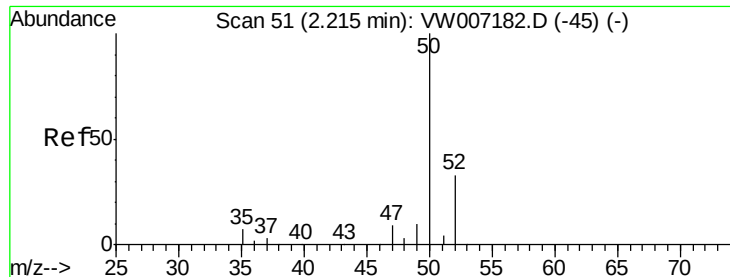
87 33.5 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 42.785 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW007186.D

Acq: 04 Dec 2018 14:29

Instrument :

MSVOA_W

ClientSampleId :

ICVW120418

Tgt Ion: 50 Resp: 63875

Ion Ratio Lower Upper

50 100

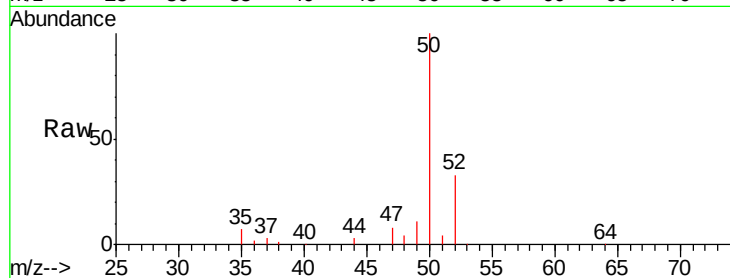
52 33.1 26.2 39.2

Manual Integrations

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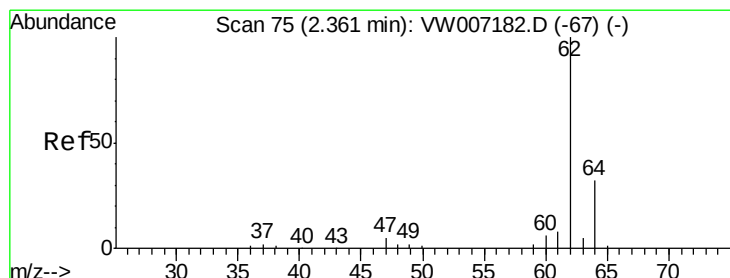
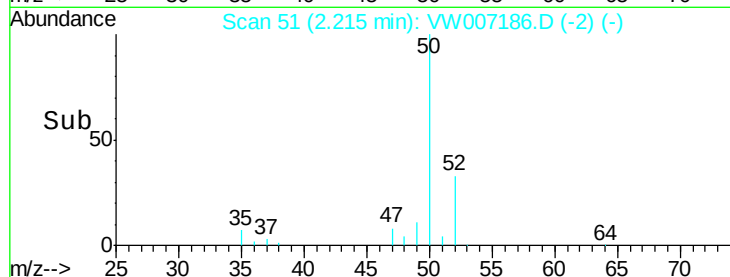
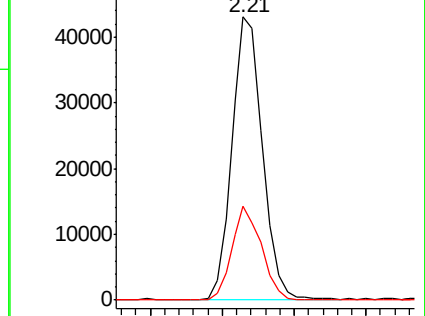
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 49.561 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW007186.D

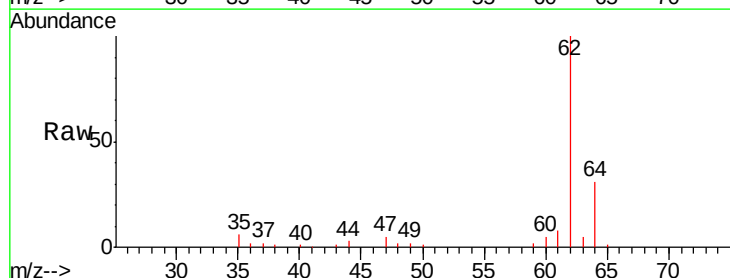
Acq: 04 Dec 2018 14:29

Tgt Ion: 62 Resp: 46327

Ion Ratio Lower Upper

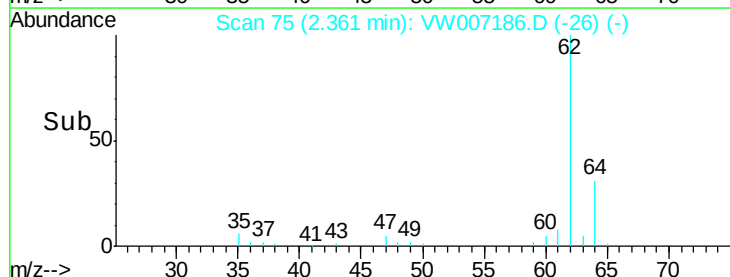
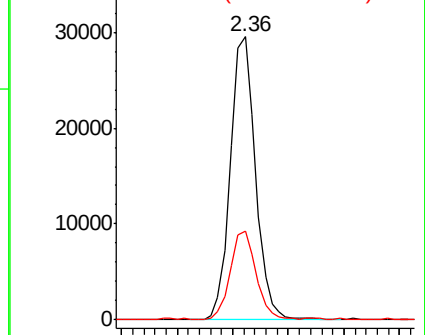
62 100

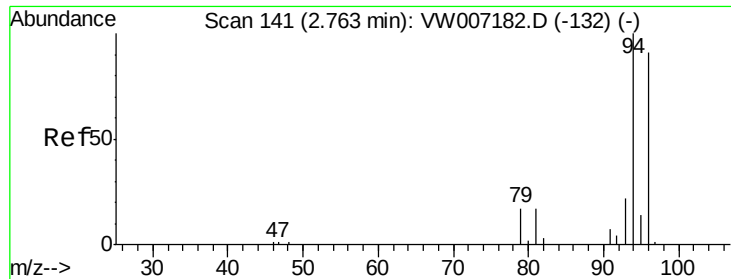
64 31.1 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 56.109 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

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Acq: 04 Dec 2018 14:29

Instrument :

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ClientSampleId :

ICVWV120418

Tgt Ion: 94 Resp: 26282

Ion Ratio Lower Upper

94 100

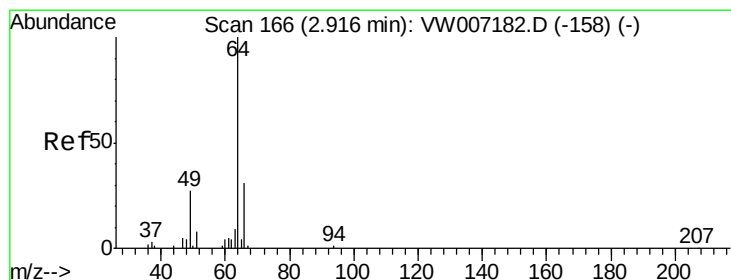
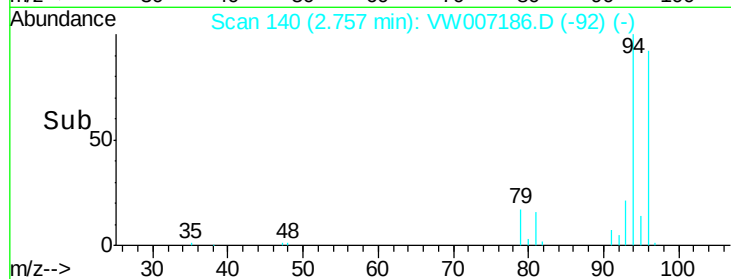
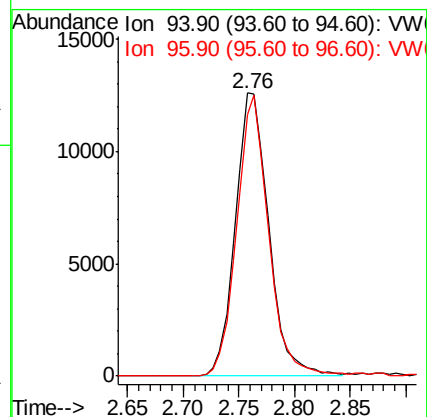
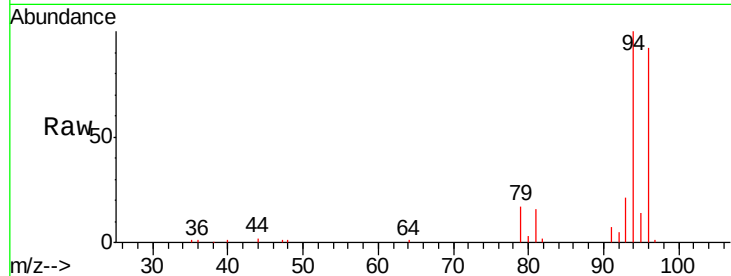
96 92.4 72.8 109.2

Manual Integrations

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#6

Chloroethane

Concen: 49.920 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW007186.D

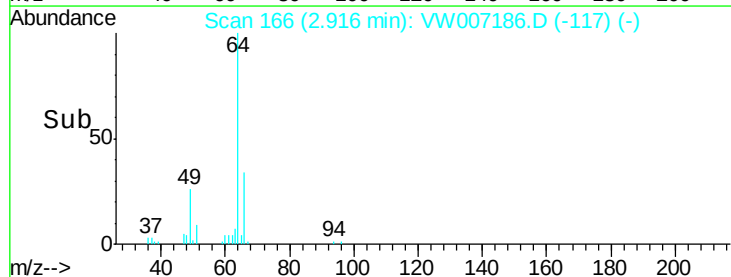
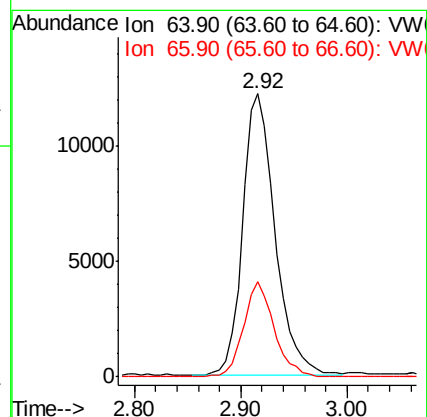
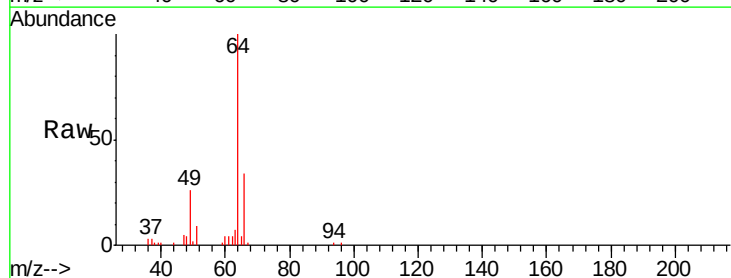
Acq: 04 Dec 2018 14:29

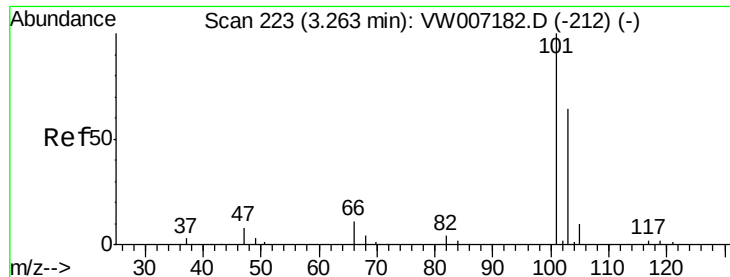
Tgt Ion: 64 Resp: 26182

Ion Ratio Lower Upper

64 100

66 33.8 25.0 37.6





#7

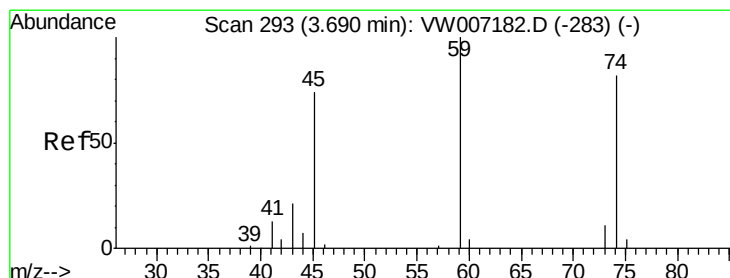
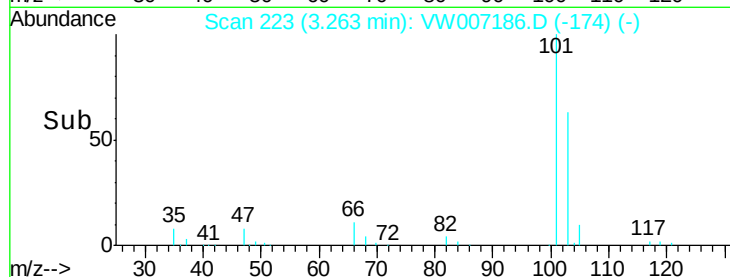
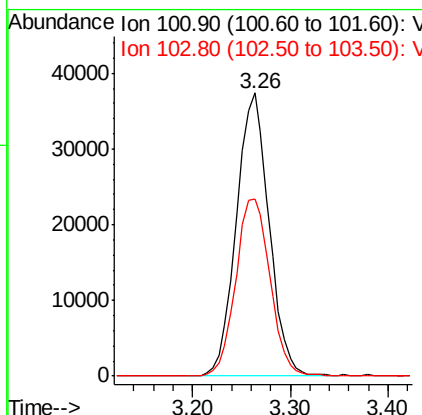
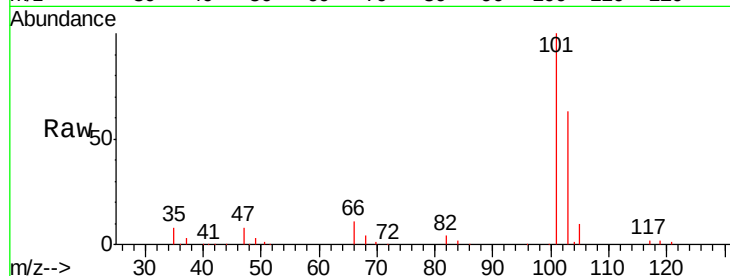
Trichlorofluoromethane
Concen: 47.660 ug/l
RT: 3.26 min Scan# 223
Delta R.T. -0.00 min
Lab File: VW007186.D
Acq: 04 Dec 2018 14:29

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MSVOA_W
ClientSampleId :
ICVW120418

Tgt Ion: 101 Resp: 86857
Ion Ratio Lower Upper
101 100
103 62.7 50.9 76.3

Manual Integrations
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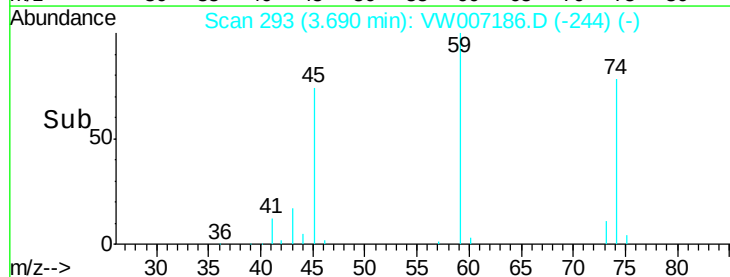
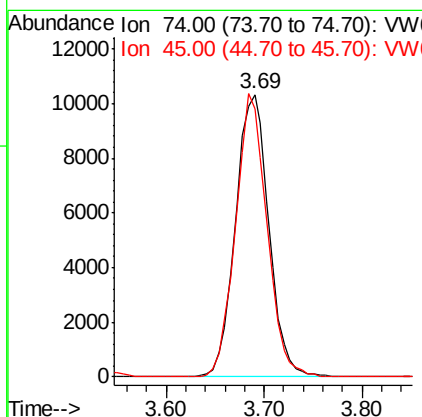
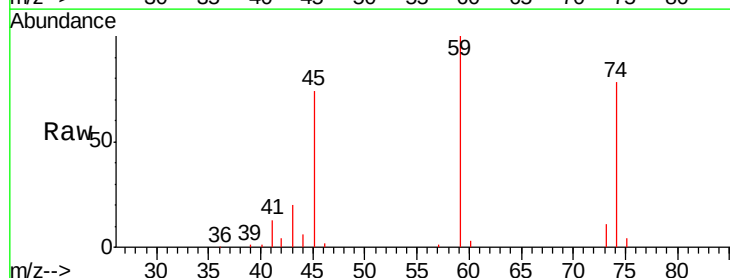
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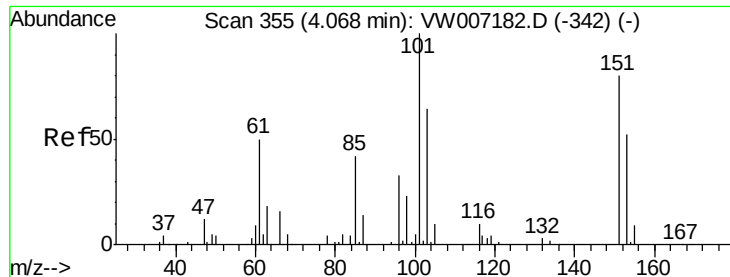


#8

Diethyl Ether
Concen: 48.076 ug/l
RT: 3.69 min Scan# 293
Delta R.T. -0.00 min
Lab File: VW007186.D
Acq: 04 Dec 2018 14:29

Tgt Ion: 74 Resp: 24422
Ion Ratio Lower Upper
74 100
45 94.4 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.891 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW007186.D

Acq: 04 Dec 2018 14:29

Instrument :

MSVOA_W

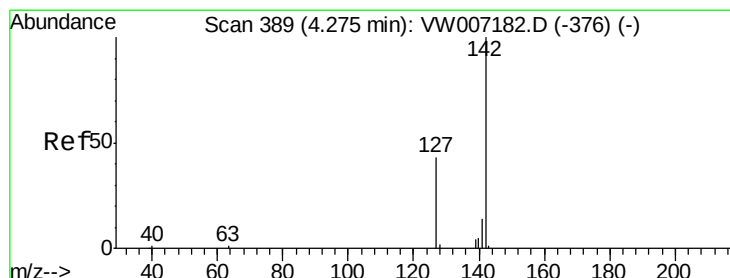
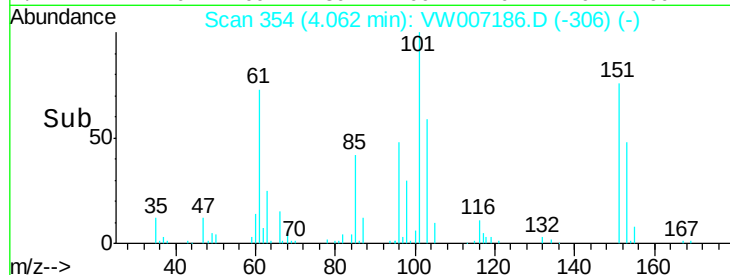
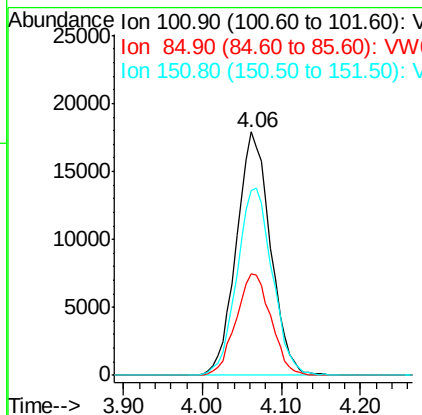
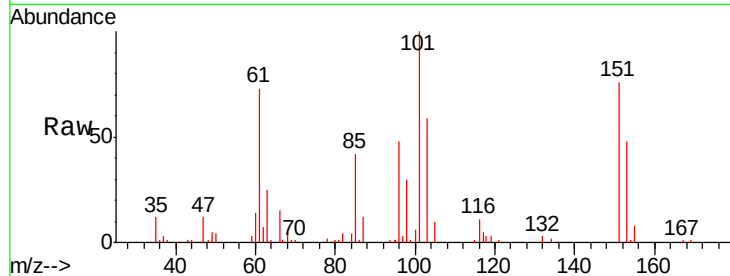
ClientSampleId :

ICVW120418

Tgt Ion:	101	Resp:	53824
Ion Ratio	Lower	Upper	
101	100		
85	42.8	33.4	50.2
151	79.7	63.9	95.9

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#10

Methyl Iodide

Concen: 51.157 ug/l

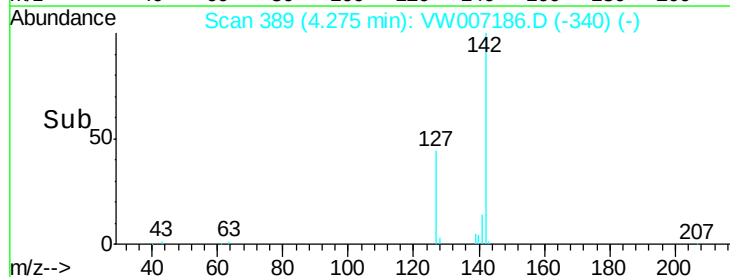
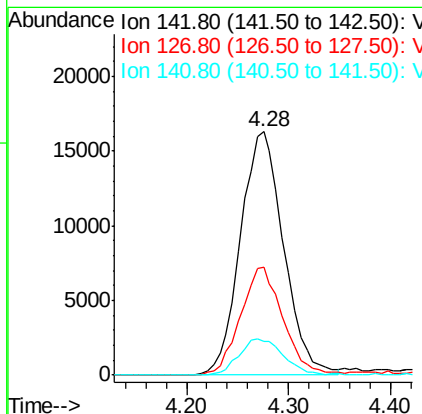
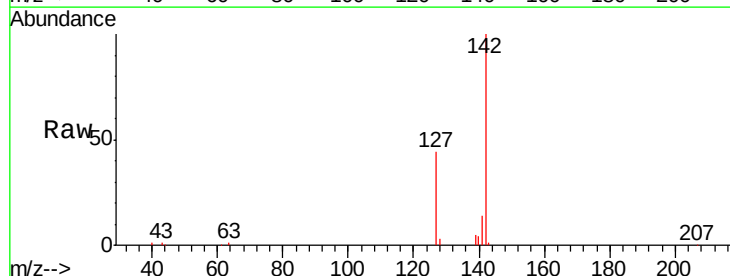
RT: 4.28 min Scan# 389

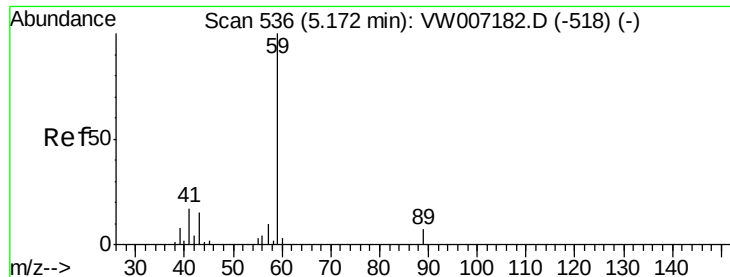
Delta R.T. -0.00 min

Lab File: VW007186.D

Acq: 04 Dec 2018 14:29

Tgt Ion:	142	Resp:	47976
Ion Ratio	Lower	Upper	
142	100		
127	43.5	34.9	52.3
141	15.1	11.7	17.5





#11

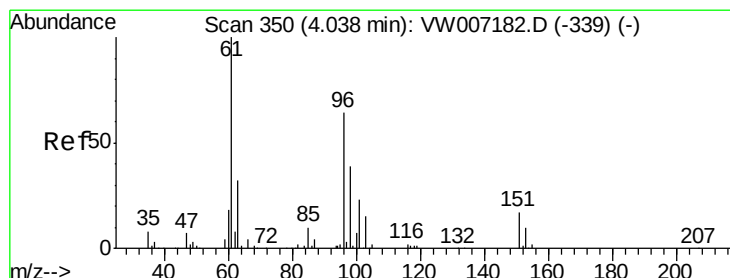
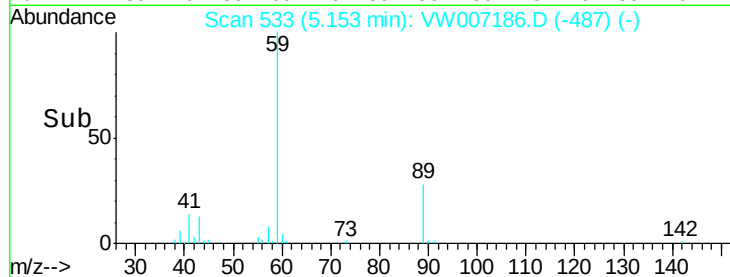
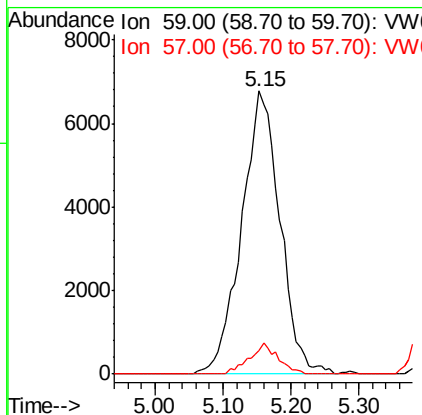
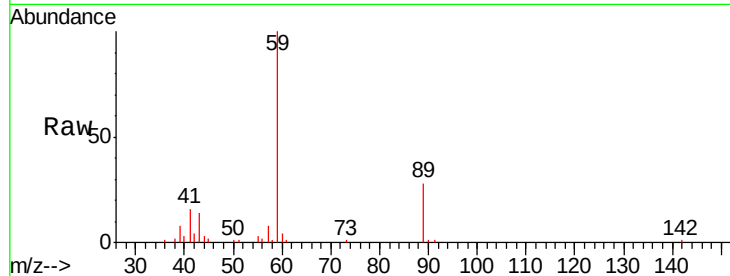
Tert butyl alcohol
Concen: 279.490 ug/l
RT: 5.15 min Scan# 533
Delta R.T. -0.02 min
Lab File: VW007186.D
Acq: 04 Dec 2018 14:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW120418

Tgt Ion	Ratio	Lower	Upper
59	100		
57	8.2	7.1	10.7

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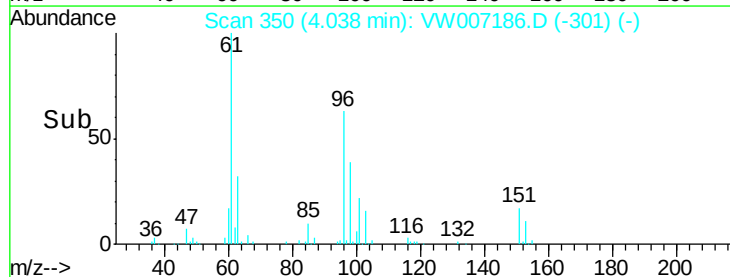
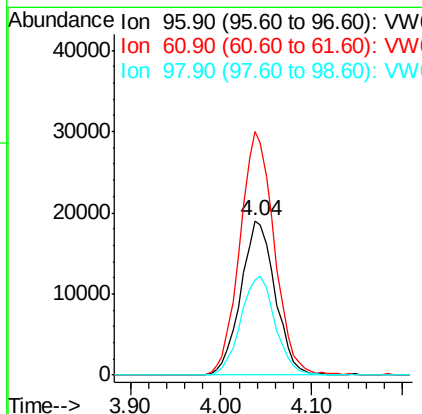
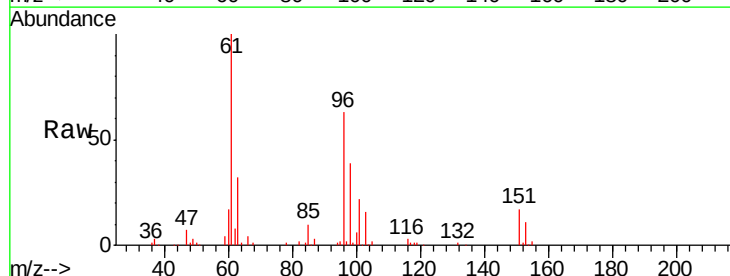
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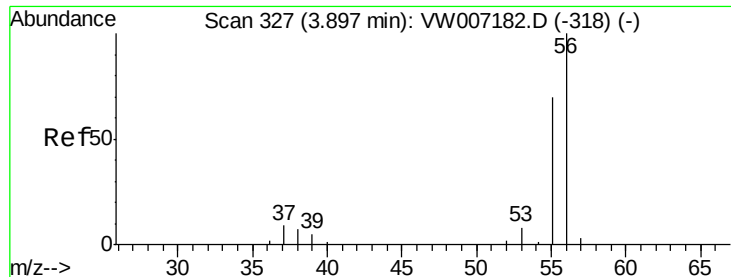


#12

1,1-Dichloroethene
Concen: 48.338 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW007186.D
Acq: 04 Dec 2018 14:29

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.6	124.1	186.1
98	61.9	48.6	72.8





#13

Acrolein

Concen: 248.893 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW007186.D

Acq: 04 Dec 2018 14:29

Instrument :

MSVOA_W

ClientSampleId :

ICVWV120418

Tgt Ion: 56 Resp: 17496

Ion Ratio Lower Upper

56 100

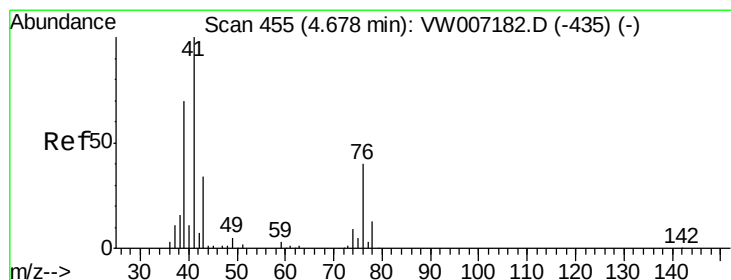
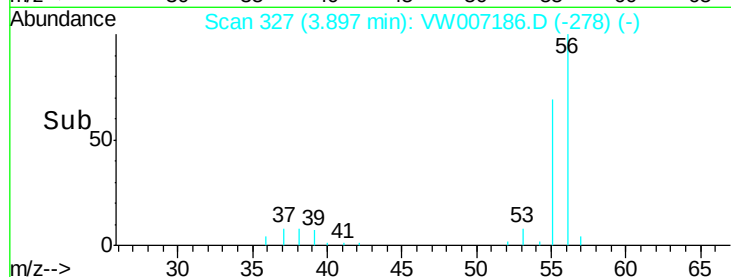
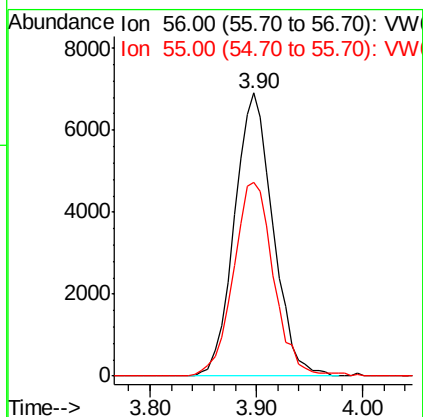
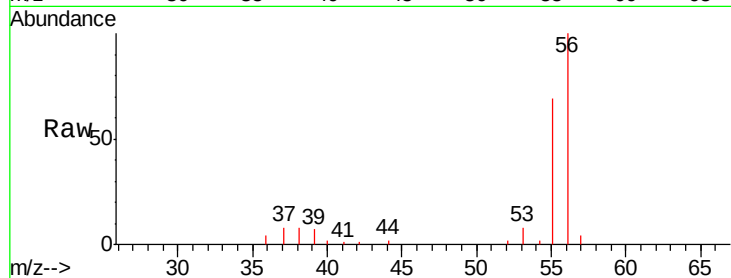
55 71.8 56.9 85.3

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#14

Allyl chloride

Concen: 48.545 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW007186.D

Acq: 04 Dec 2018 14:29

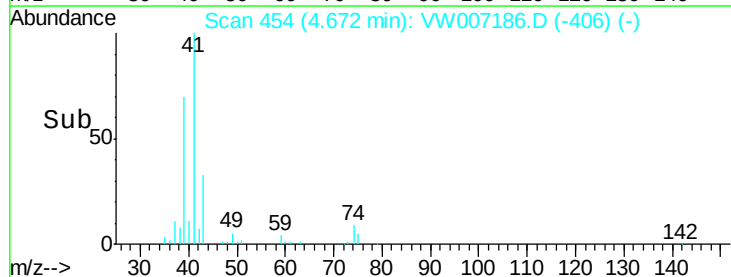
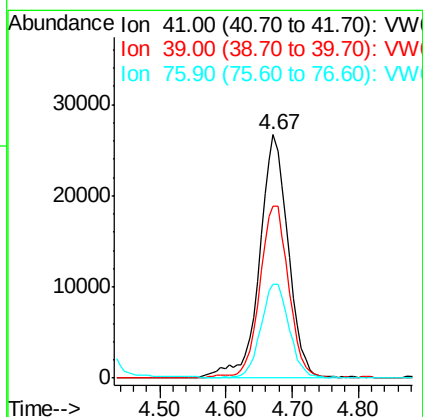
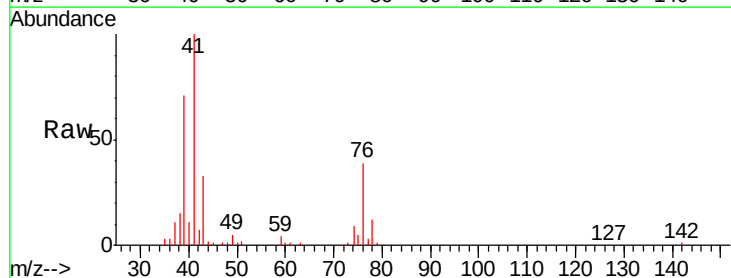
Tgt Ion: 41 Resp: 80280

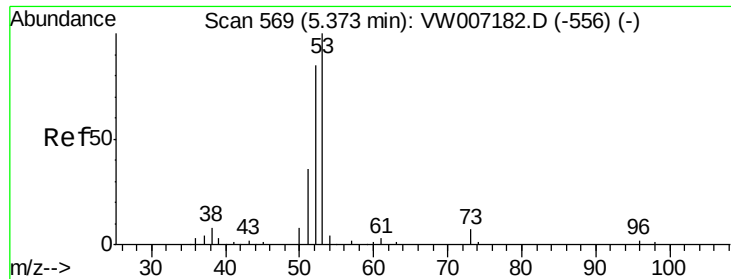
Ion Ratio Lower Upper

41 100

39 71.7 55.9 83.9

76 38.2 30.8 46.2





#15

Acrylonitrile

Concen: 265.883 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW007186.D

Acq: 04 Dec 2018 14:29

Instrument :

MSVOA_W

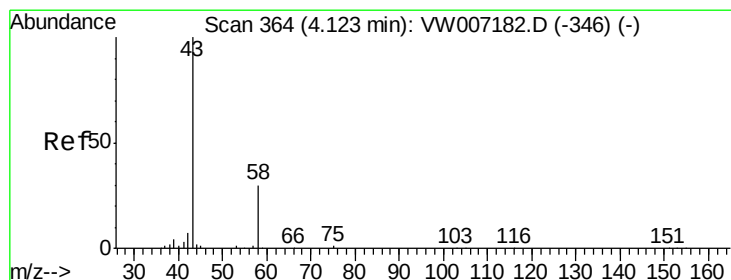
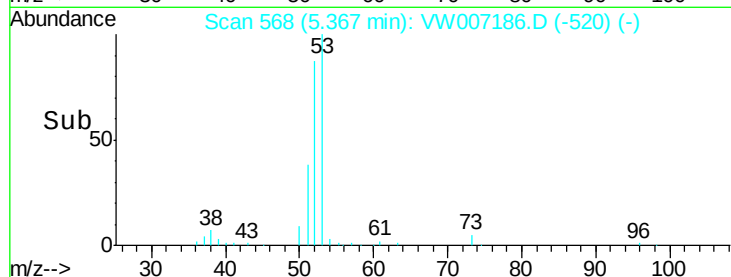
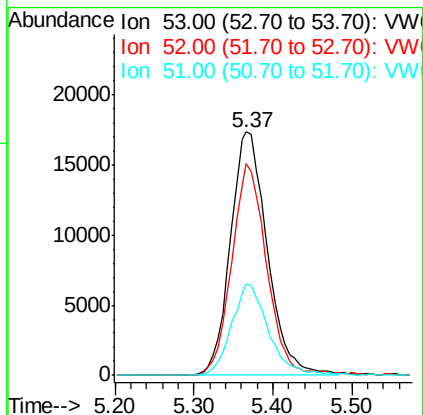
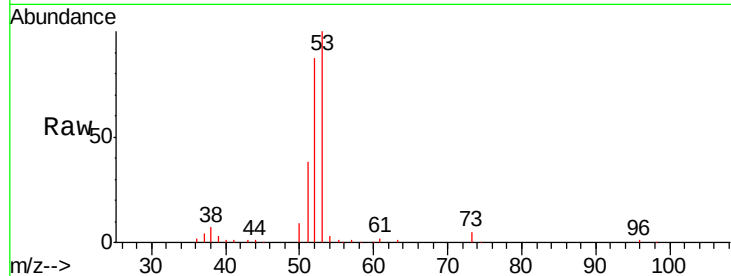
ClientSampleId :

ICVW120418

Tgt Ion:	53	Resp:	56464
Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.1	99.1
51	37.6	30.3	45.5

Manual Integrations
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#16

Acetone

Concen: 284.508 ug/l

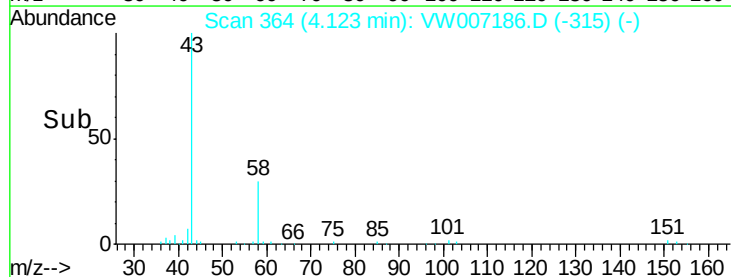
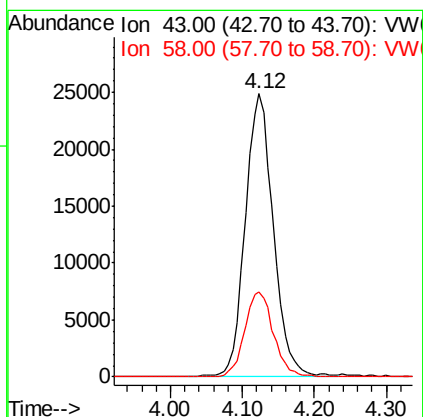
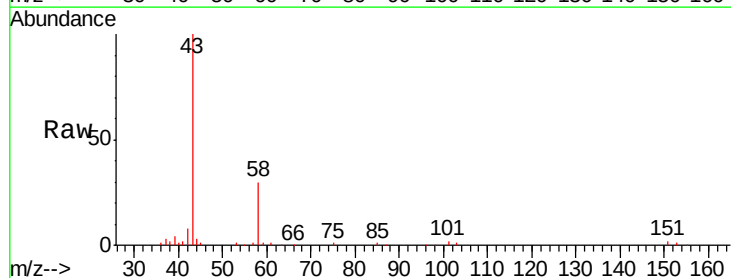
RT: 4.12 min Scan# 364

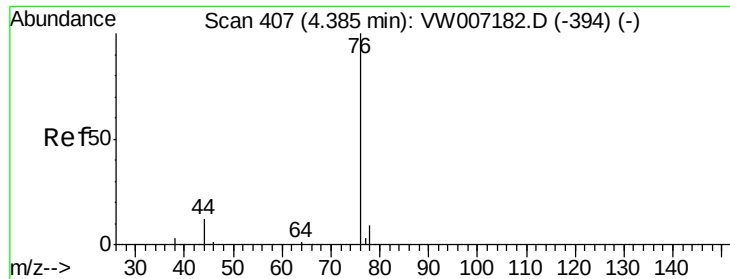
Delta R.T. -0.00 min

Lab File: VW007186.D

Acq: 04 Dec 2018 14:29

Tgt Ion:	43	Resp:	67570
Ion	Ratio	Lower	Upper
43	100		
58	29.9	23.8	35.8





#17

Carbon Disulfide

Concen: 48.899 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW007186.D

Acq: 04 Dec 2018 14:29

Instrument :

MSVOA_W

ClientSampleId :

ICVW120418

Tgt Ion: 76 Resp: 166295

Ion Ratio Lower Upper

76 100

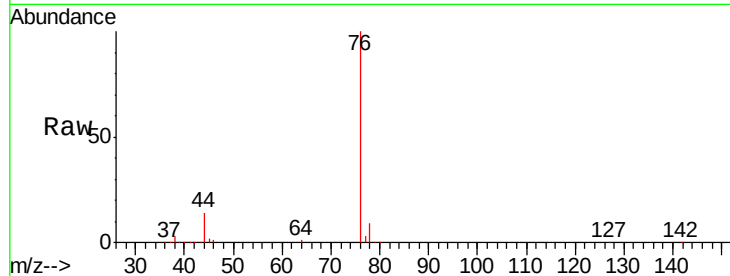
78 9.1 7.2 10.8

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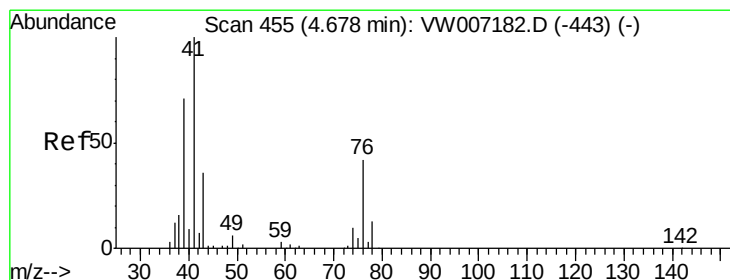
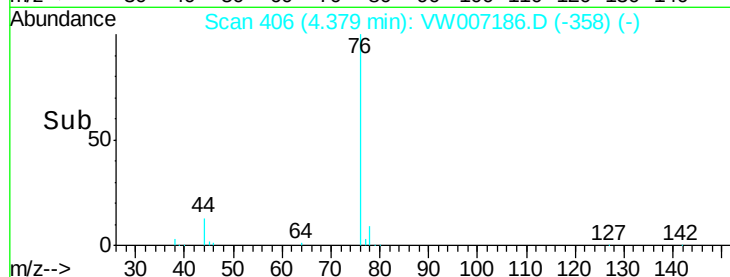
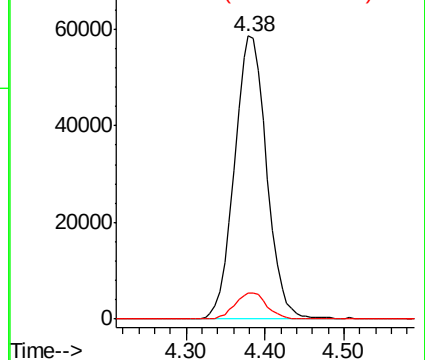
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 50.005 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW007186.D

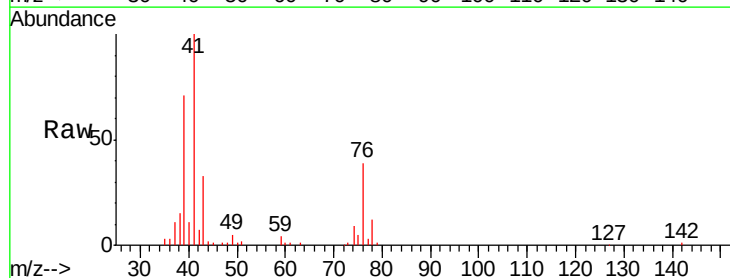
Acq: 04 Dec 2018 14:29

Tgt Ion: 43 Resp: 27108

Ion Ratio Lower Upper

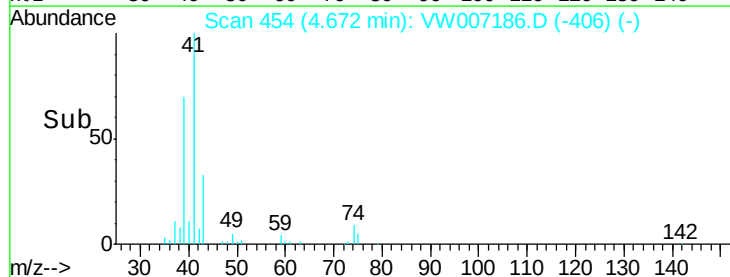
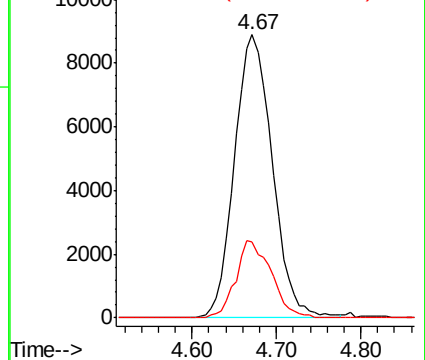
43 100

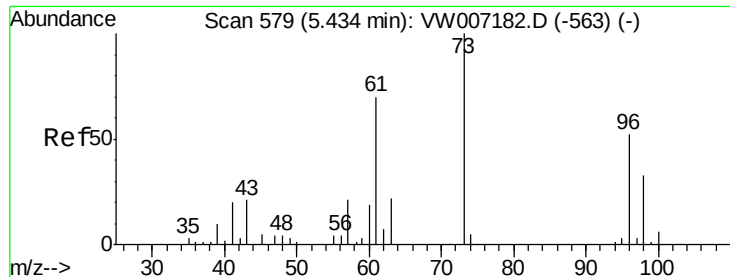
74 25.5 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





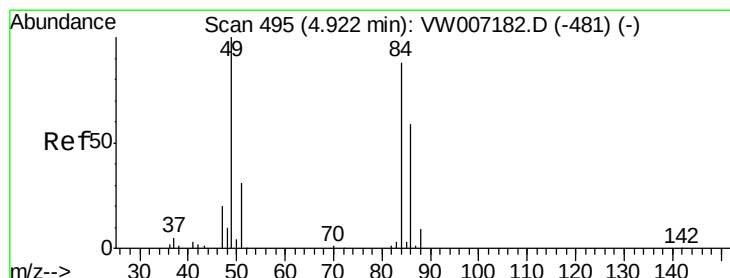
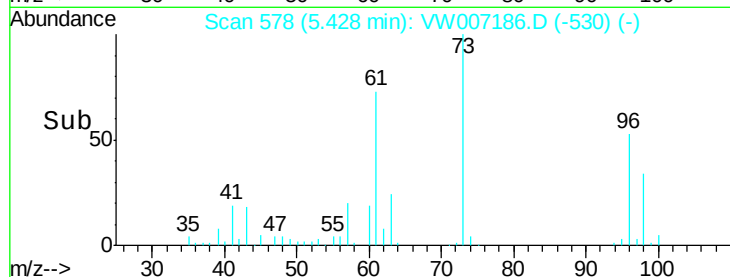
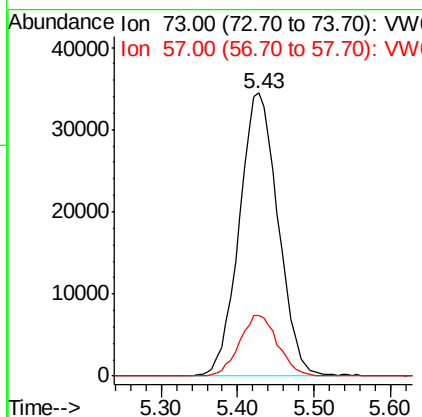
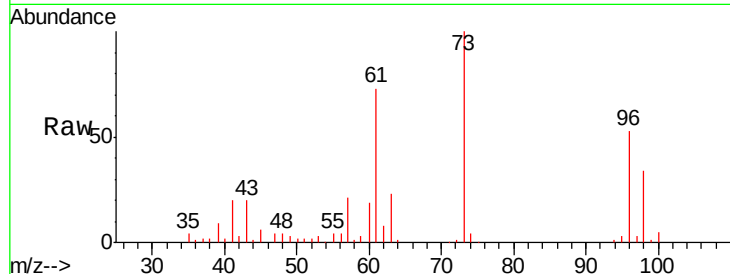
#19
Methyl tert-butyl Ether
Concen: 49.980 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW007186.D
Acq: 04 Dec 2018 14:29

Instrument :
MSVOA_W
ClientSampleId :
ICVWV120418

Tgt Ion: 73 Resp: 121405
Ion Ratio Lower Upper
73 100
57 21.4 16.6 25.0

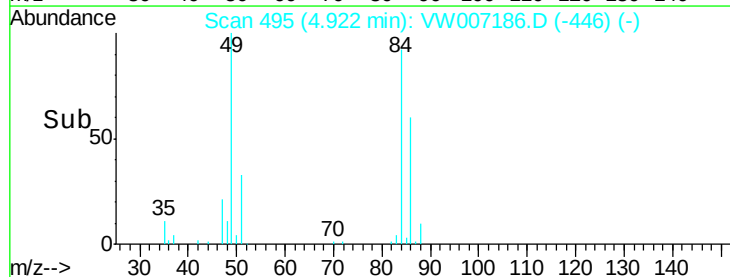
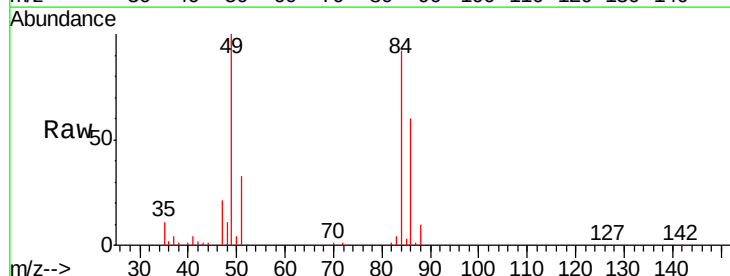
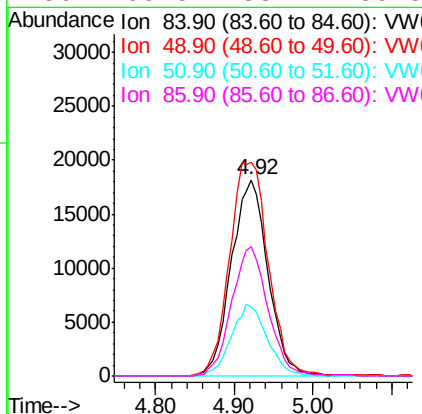
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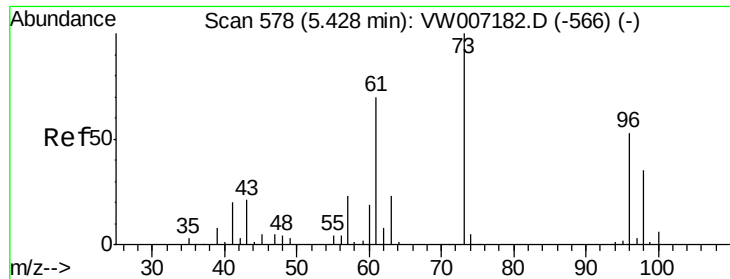
apatel
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#20
Methylene Chloride
Concen: 48.985 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007186.D
Acq: 04 Dec 2018 14:29

Tgt Ion: 84 Resp: 58714
Ion Ratio Lower Upper
84 100
49 108.7 90.6 135.8
51 35.5 27.6 41.4
86 65.5 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 48.130 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.00 min

Lab File: VW007186.D

Acq: 04 Dec 2018 14:29

Instrument :

MSVOA_W

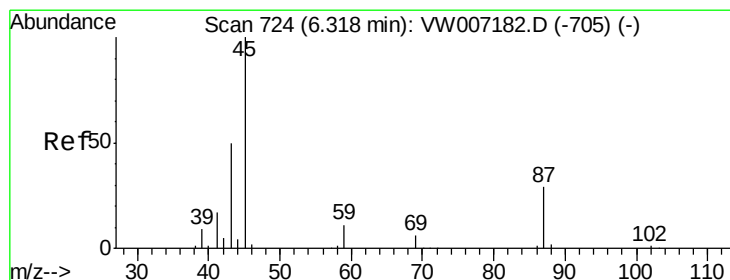
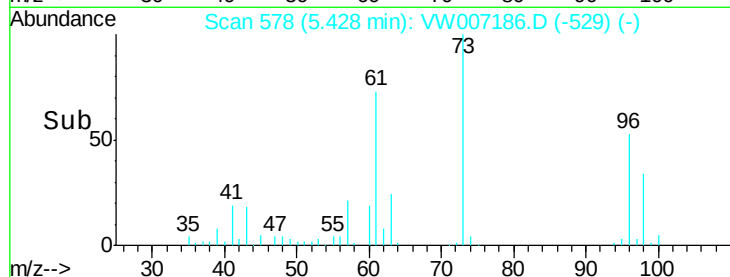
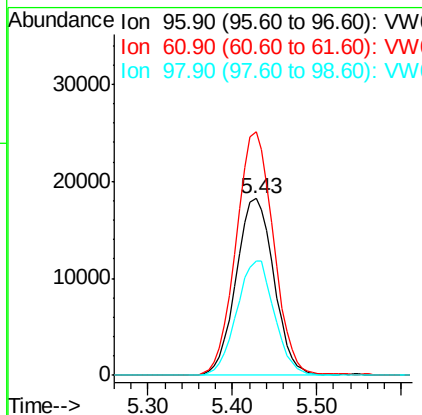
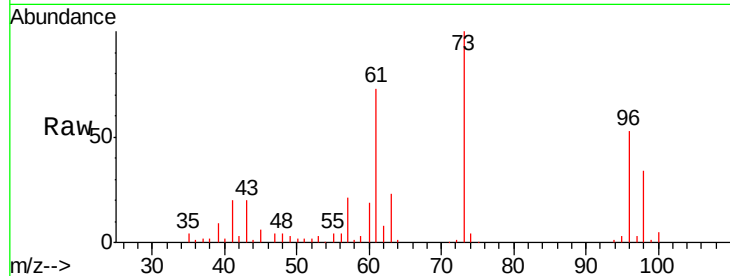
ClientSampleId :

ICVW120418

Tgt Ion:	96	Resp:	55446
Ion	Ratio	Lower	Upper
96	100		
61	137.6	105.5	158.3
98	64.6	52.6	79.0

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#22

Diisopropyl ether

Concen: 49.932 ug/l

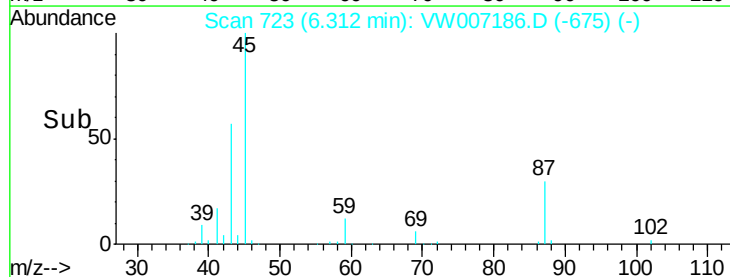
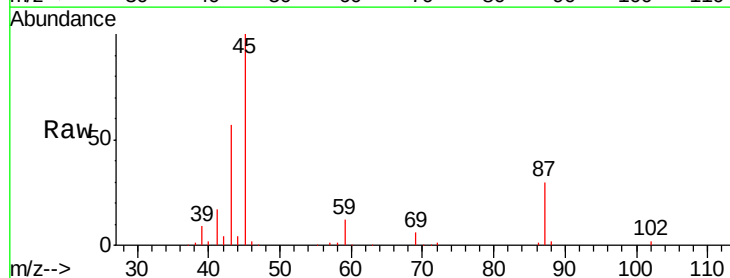
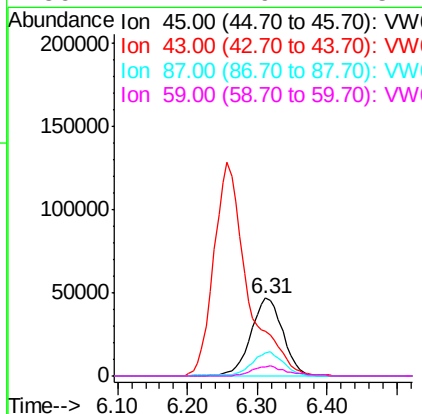
RT: 6.31 min Scan# 723

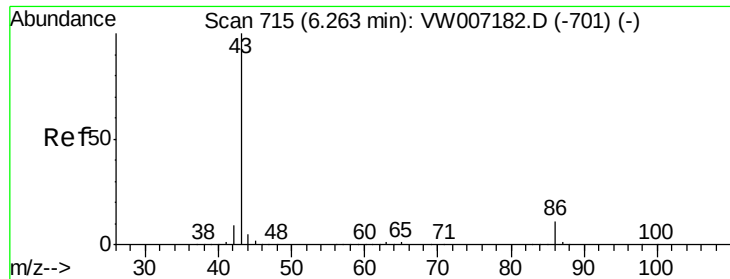
Delta R.T. -0.01 min

Lab File: VW007186.D

Acq: 04 Dec 2018 14:29

Tgt Ion:	45	Resp:	148233
Ion	Ratio	Lower	Upper
45	100		
43	56.4	40.8	61.2
87	30.5	24.0	36.0
59	12.2	9.1	13.7





#23

Vinyl Acetate

Concen: 263.565 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW007186.D

Acq: 04 Dec 2018 14:29

Instrument :

MSVOA_W

ClientSampleId :

ICVW120418

Tgt Ion: 43 Resp: 426939

Ion Ratio Lower Upper

43 100

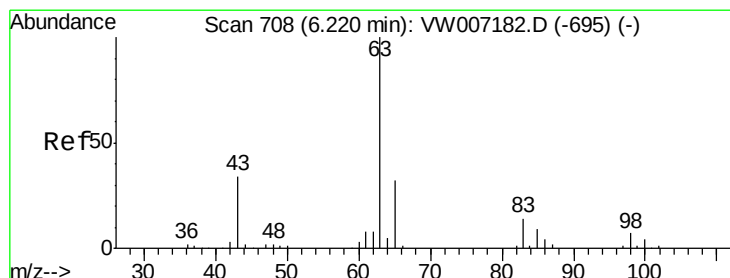
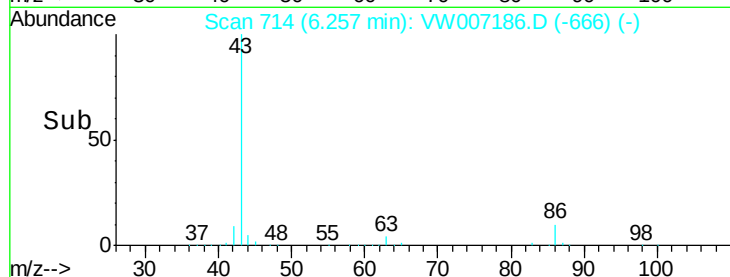
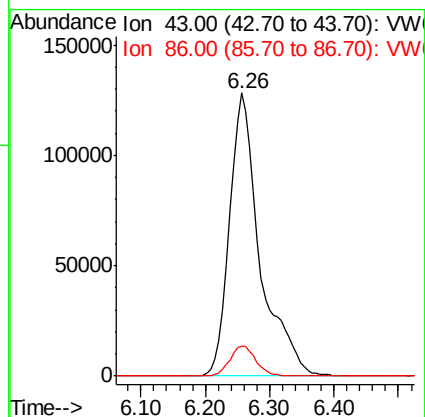
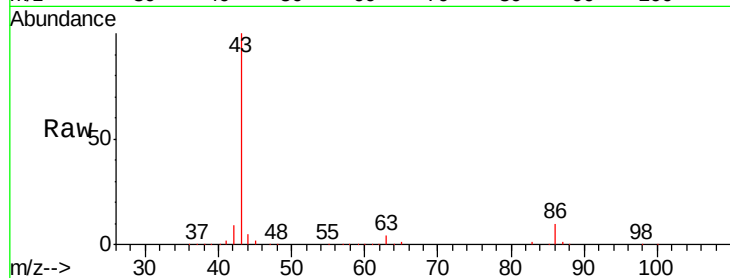
86 10.5 9.0 13.6

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#24

1,1-Dichloroethane

Concen: 49.351 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW007186.D

Acq: 04 Dec 2018 14:29

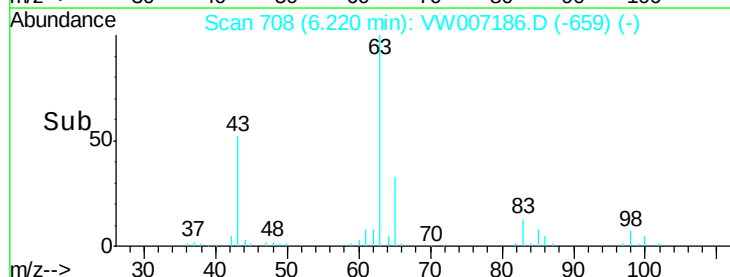
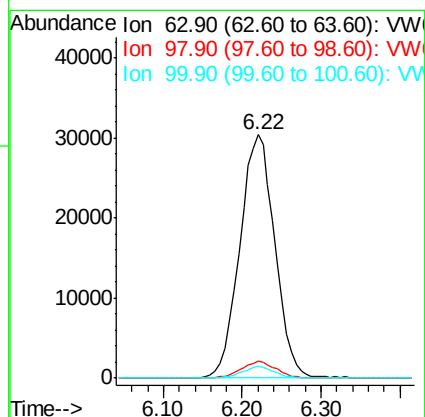
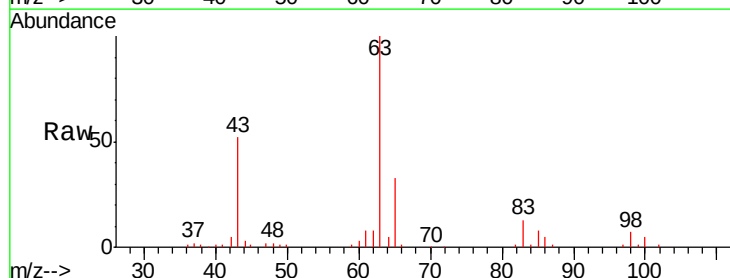
Tgt Ion: 63 Resp: 93903

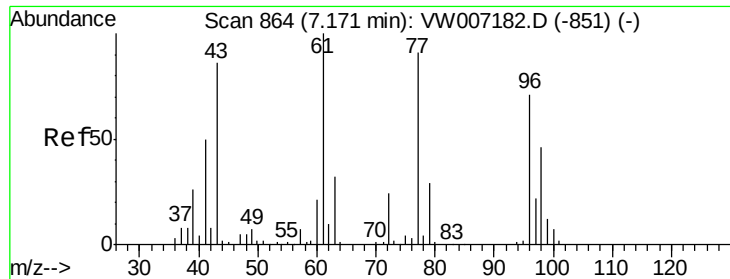
Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.5

100 4.8 2.1 6.2





#25

2-Butanone

Concen: 262.037 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007186.D

Acq: 04 Dec 2018 14:29

Instrument :

MSVOA_W

ClientSampleId :

ICVW120418

Tgt Ion: 43 Resp: 72141

Ion Ratio Lower Upper

43 100

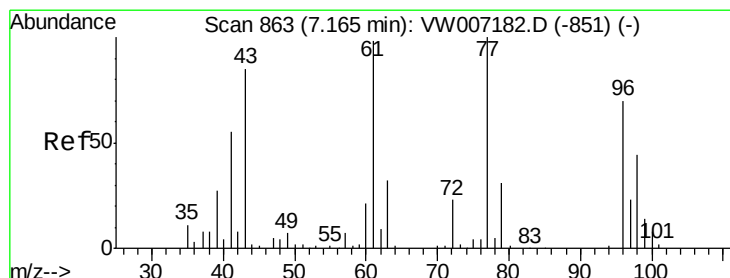
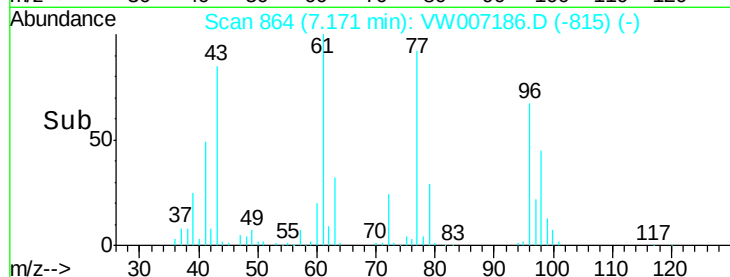
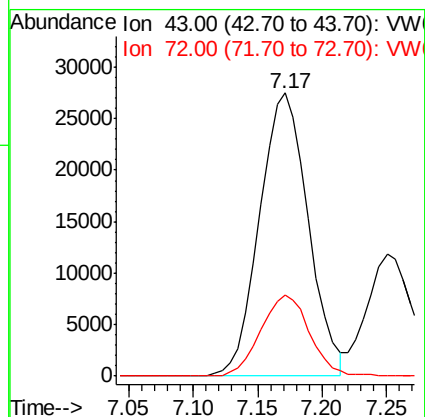
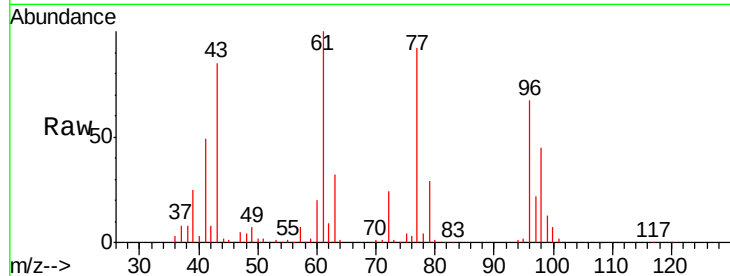
72 28.8 22.8 34.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 49.374 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007186.D

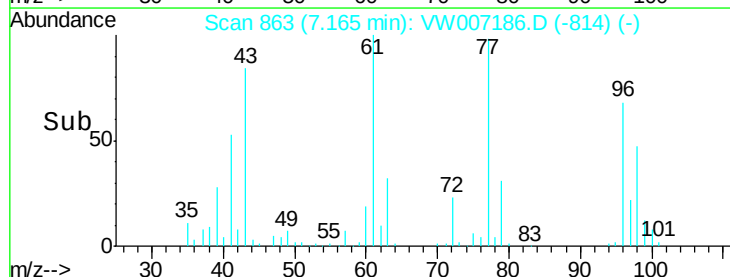
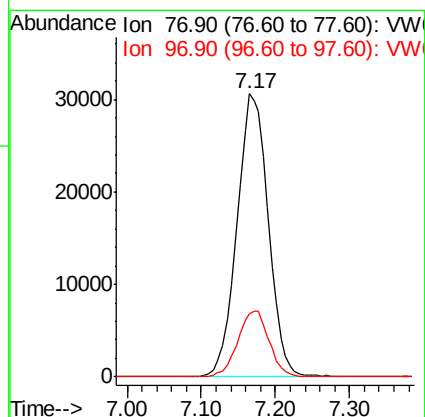
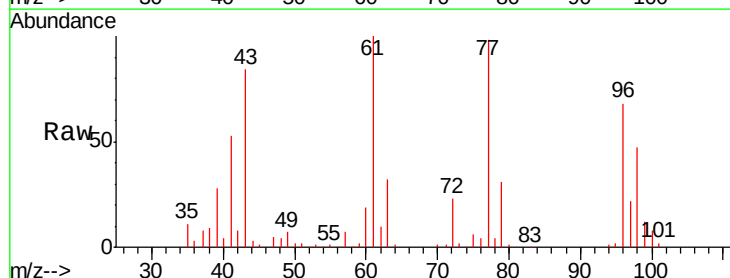
Acq: 04 Dec 2018 14:29

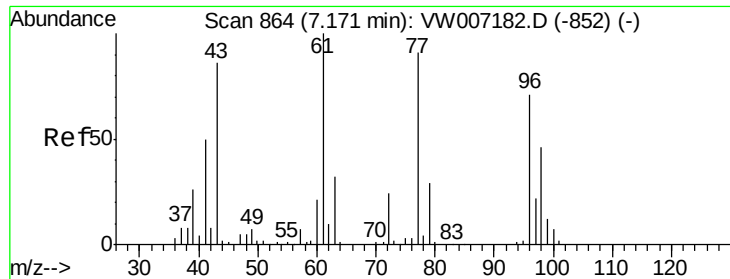
Tgt Ion: 77 Resp: 90282

Ion Ratio Lower Upper

77 100

97 23.1 11.5 34.4





#27

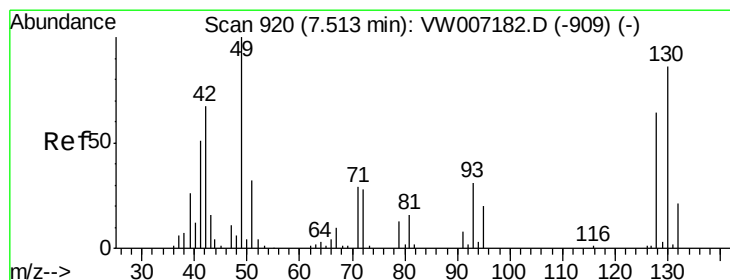
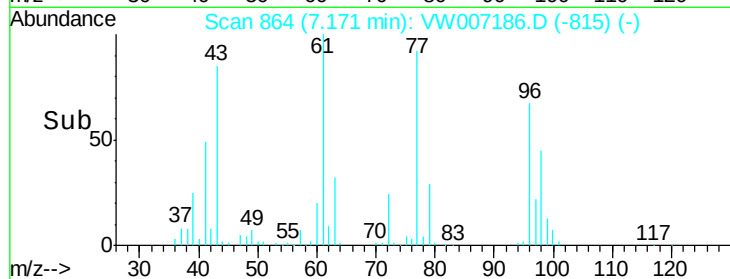
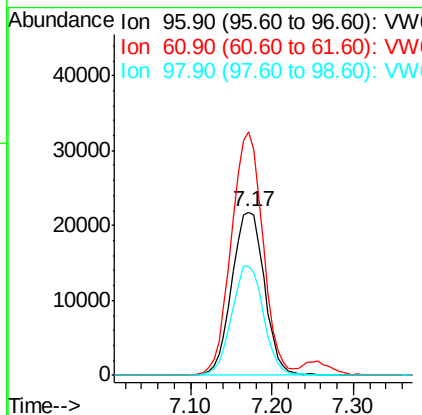
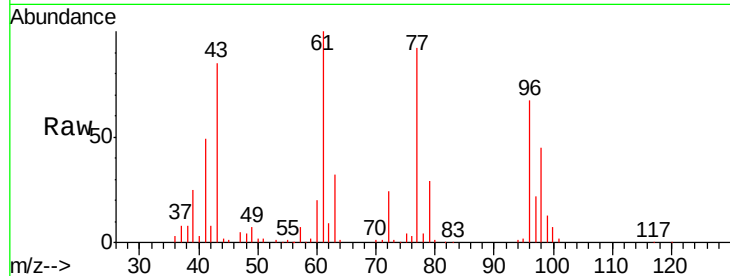
cis-1,2-Dichloroethene
Concen: 48.879 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007186.D
Acq: 04 Dec 2018 14:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW120418

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	60363		
61	144.8	0.0	282.4	
98	65.3	0.0	129.8	

Manual Integrations
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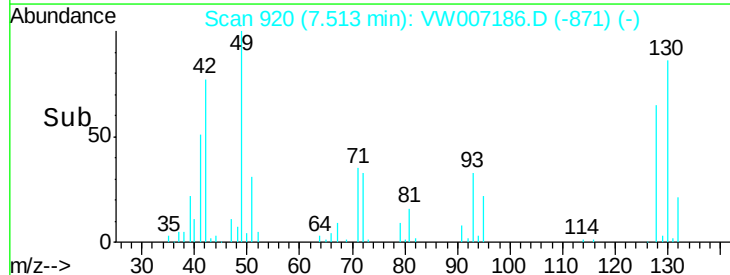
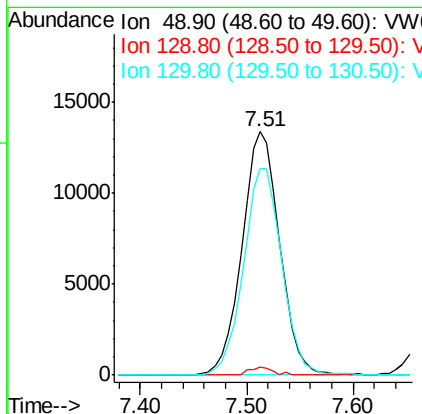
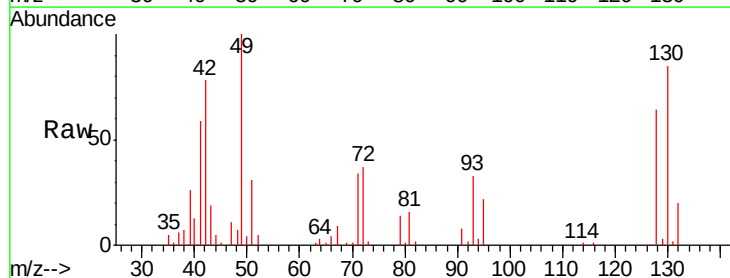
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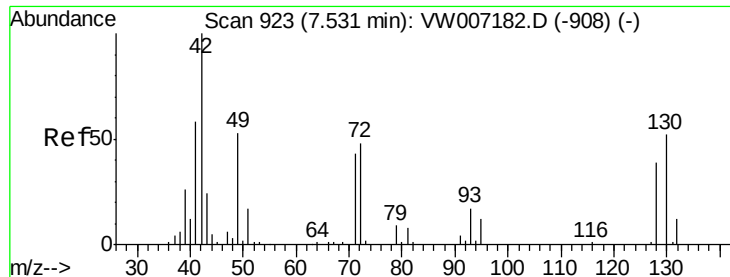


#28

Bromochloromethane
Concen: 48.274 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007186.D
Acq: 04 Dec 2018 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	33121		
129	2.0	0.0	3.8	
130	86.4	70.3	105.5	





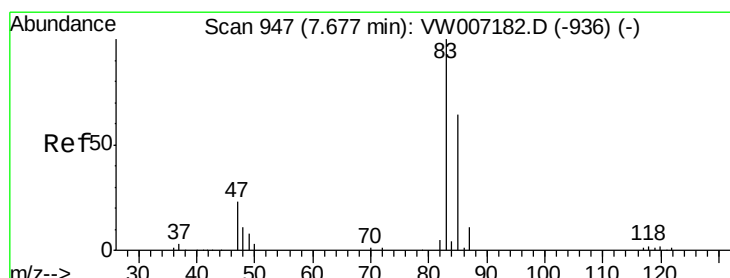
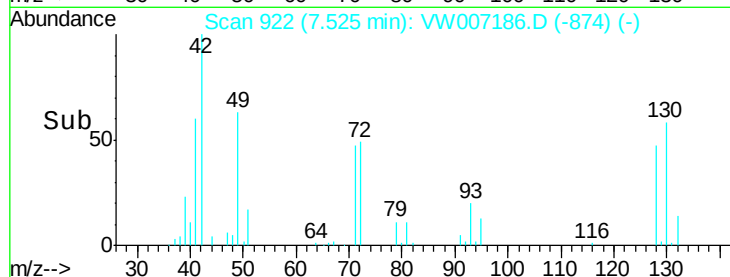
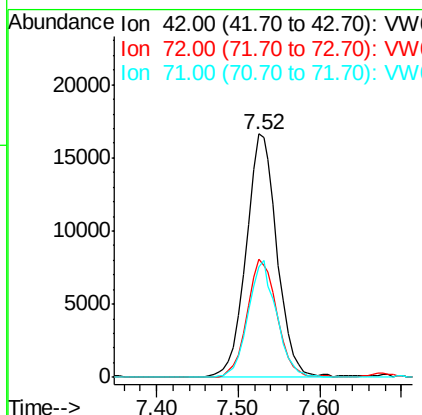
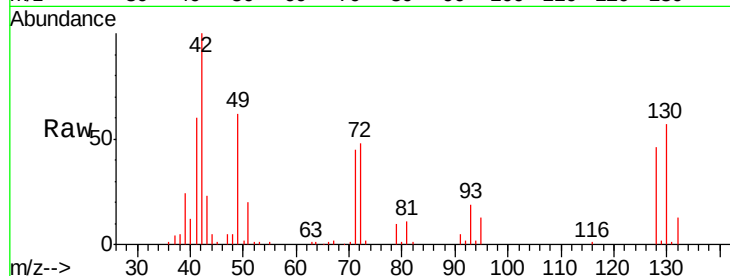
#29
Tetrahydrofuran
Concen: 258.223 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW007186.D
Acq: 04 Dec 2018 14:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW120418

Tgt Ion	Ratio	Lower	Upper
42	100		
72	46.8	36.6	55.0
71	44.1	34.8	52.2

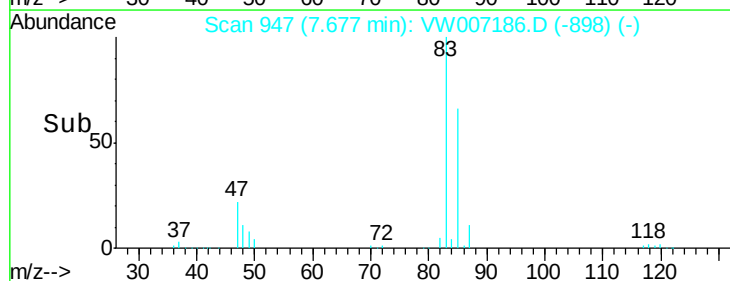
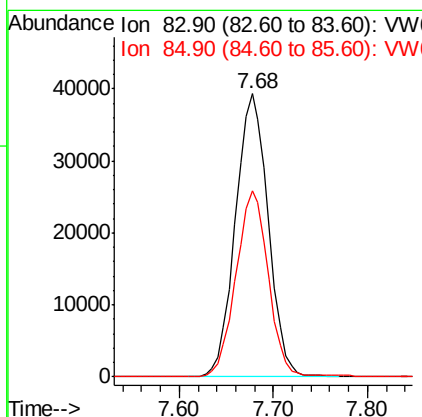
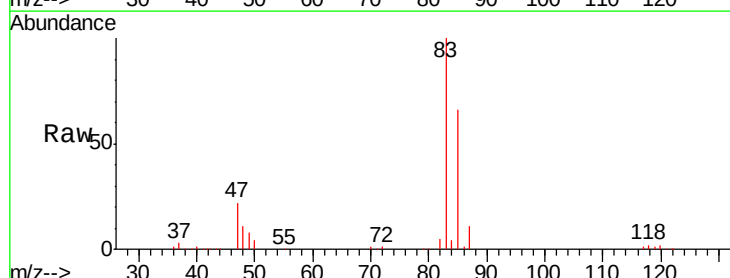
Manual Integrations
APPROVED

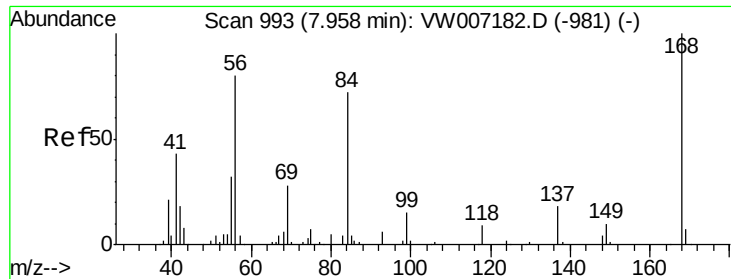
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#30
Chloroform
Concen: 48.216 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007186.D
Acq: 04 Dec 2018 14:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.5	77.3





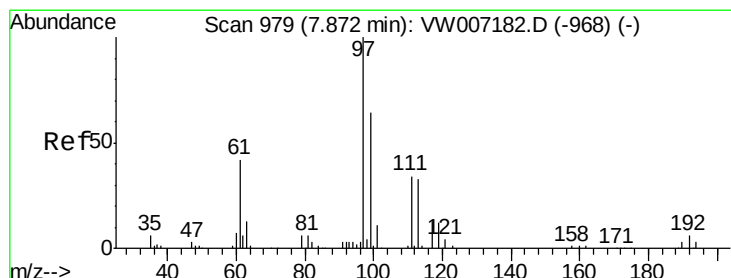
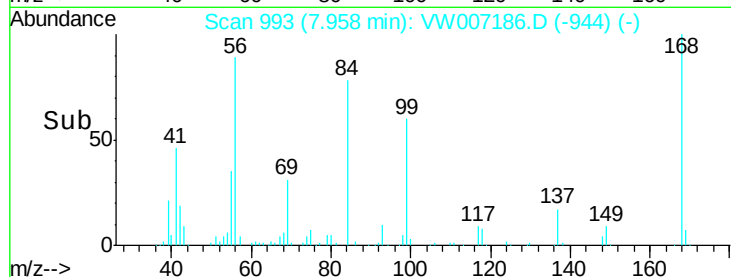
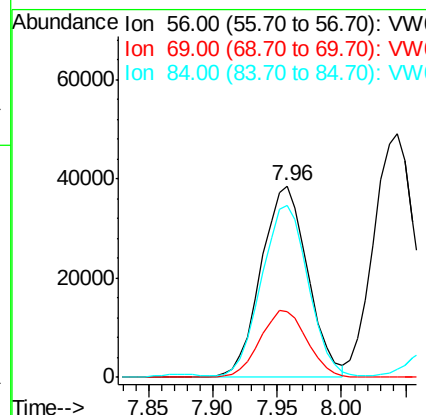
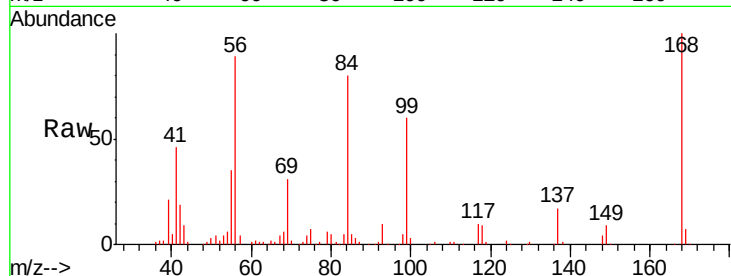
#31
Cyclohexane
Concen: 48.810 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW007186.D
Acq: 04 Dec 2018 14:29

Instrument :
MSVOA_W
ClientSampled :
ICVW120418

Tgt Ion	Ratio	Lower	Upper
56	100		
69	34.6	28.2	42.2
84	88.5	72.1	108.1

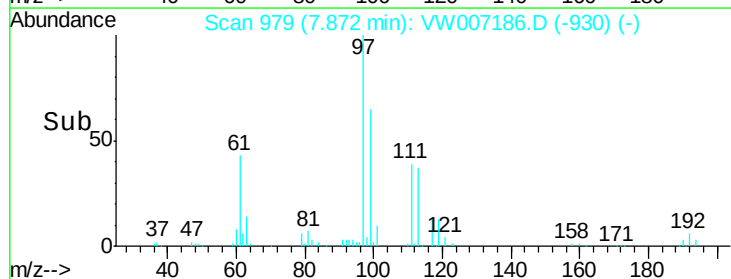
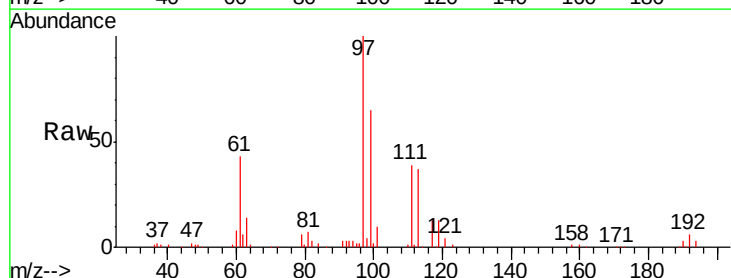
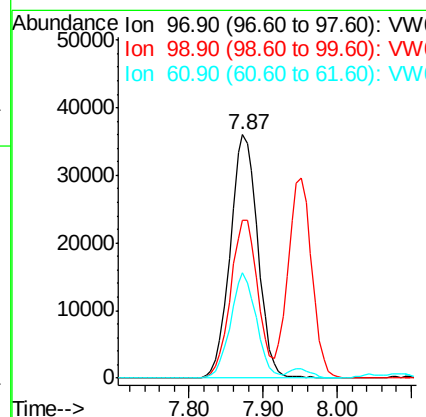
Manual Integrations
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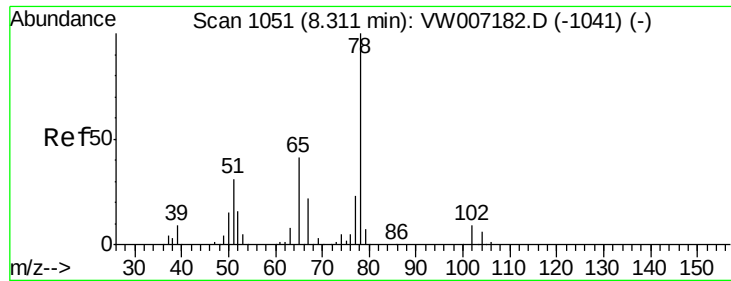
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#32
1,1,1-Trichloroethane
Concen: 49.915 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007186.D
Acq: 04 Dec 2018 14:29

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.3	76.9
61	40.8	33.2	49.8





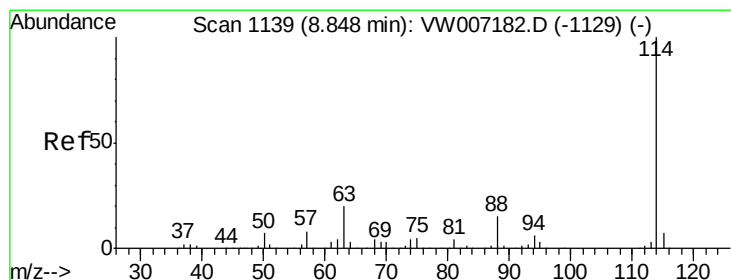
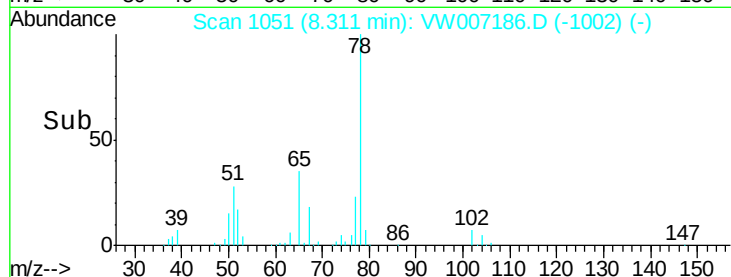
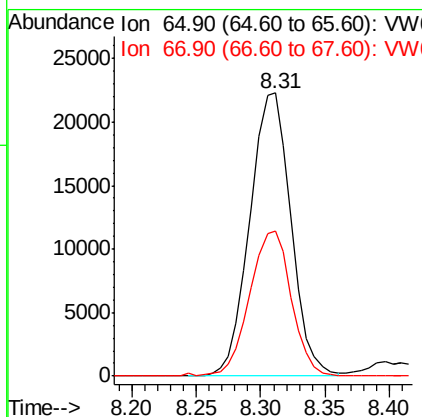
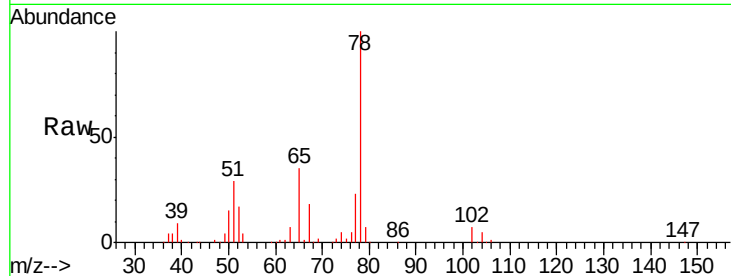
#33
 1,2-Dichloroethane-d4
 Concen: 49.220 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW007186.D
 Acq: 04 Dec 2018 14:29

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW120418

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	49379		
67	51.8	0.0	106.4	

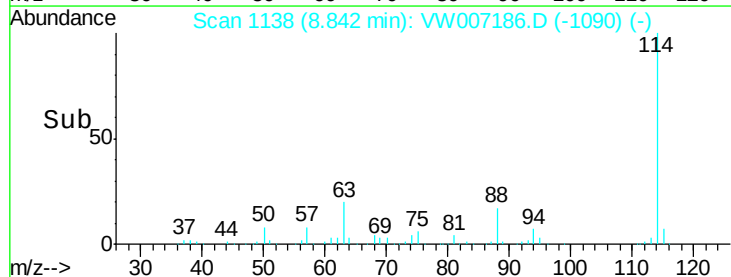
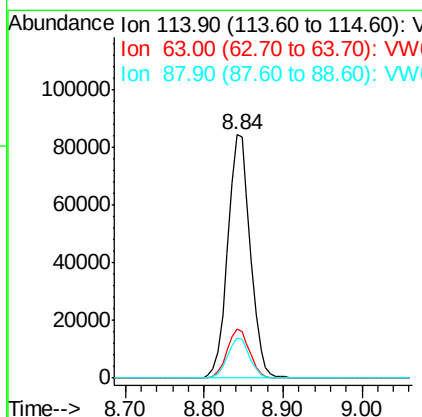
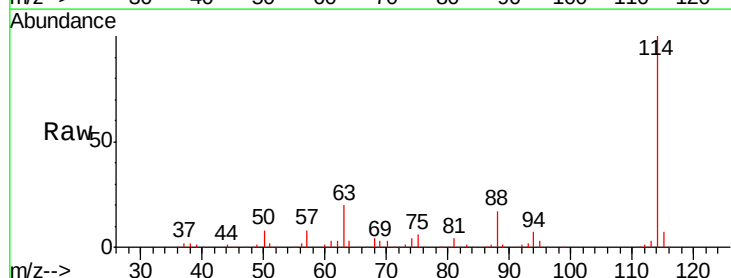
Manual Integrations
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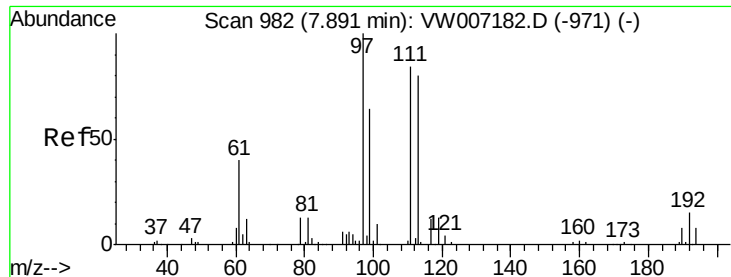
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007186.D
 Acq: 04 Dec 2018 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	167712		
63	20.4	0.0	40.2	
88	16.5	0.0	30.0	





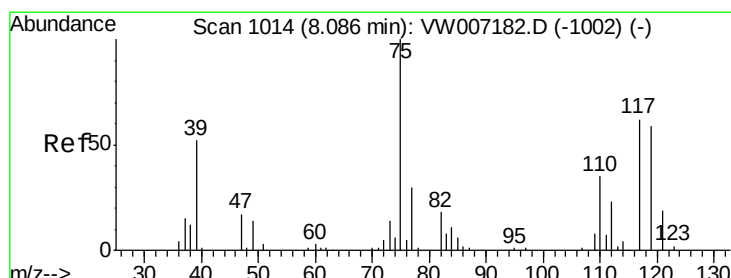
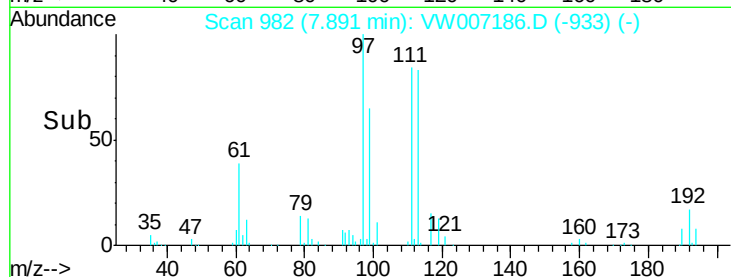
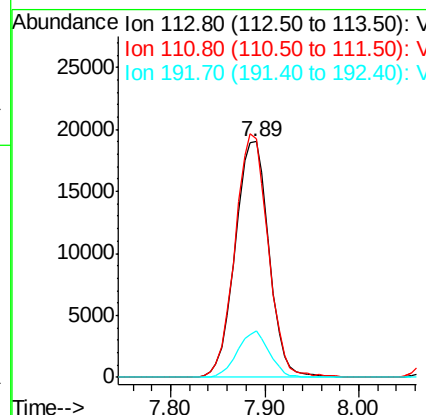
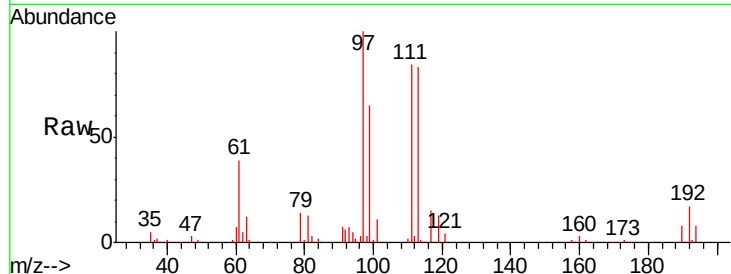
#35
 Dibromofluoromethane
 Concen: 49.204 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW007186.D
 Acq: 04 Dec 2018 14:29

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW120418

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	47251		
111	101.8	82.2	123.4	
192	18.5	14.4	21.6	

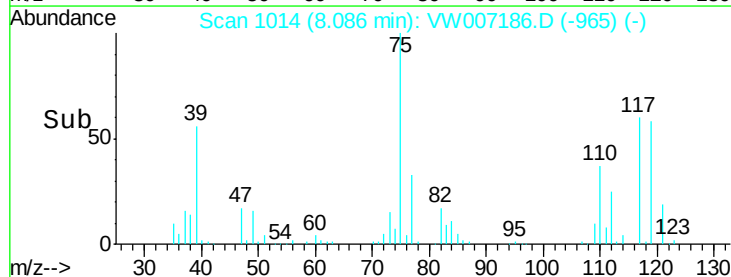
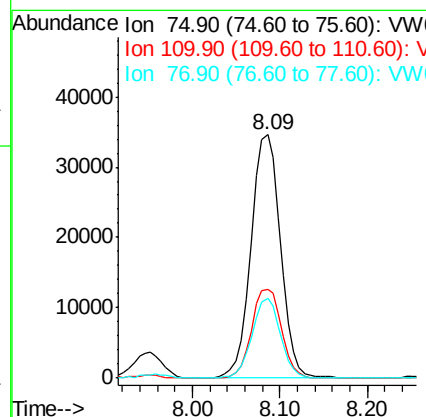
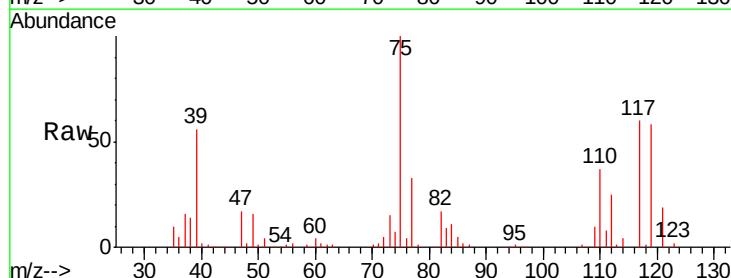
Manual Integrations
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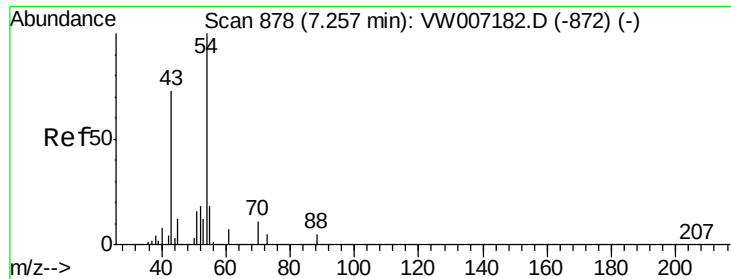
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#36
 1,1-Dichloropropene
 Concen: 49.695 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW007186.D
 Acq: 04 Dec 2018 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	81096		
110	37.0	18.3	54.9	
77	31.6	24.9	37.3	





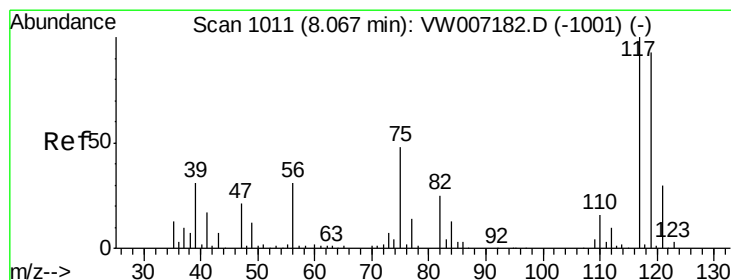
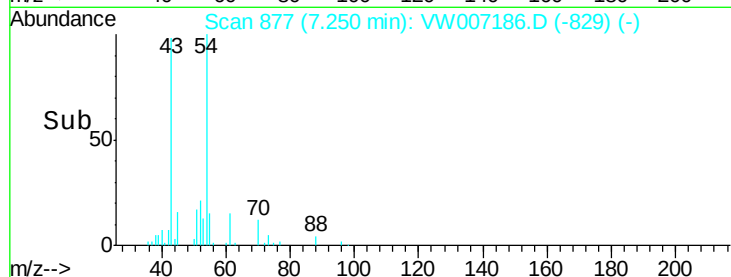
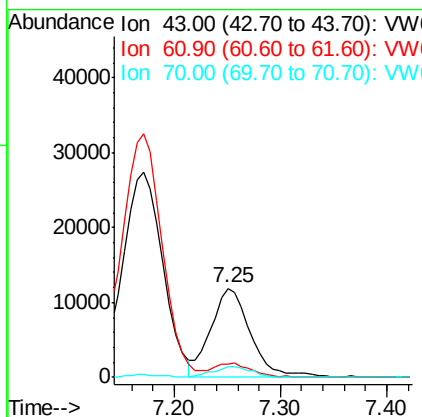
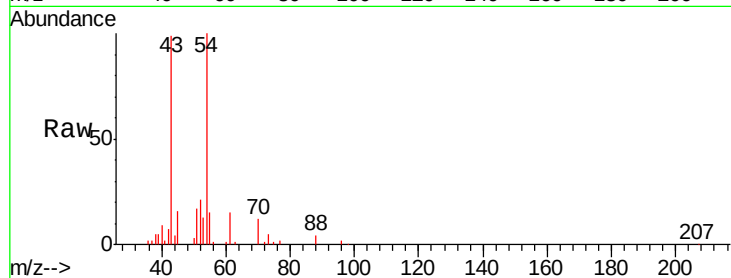
#37
Ethyl Acetate
Concen: 51.212 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW007186.D
Acq: 04 Dec 2018 14:29

Instrument :
MSVOA_W
ClientSampleId :
ICVWV120418

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.6	12.1	18.1
70	11.9	9.1	13.7

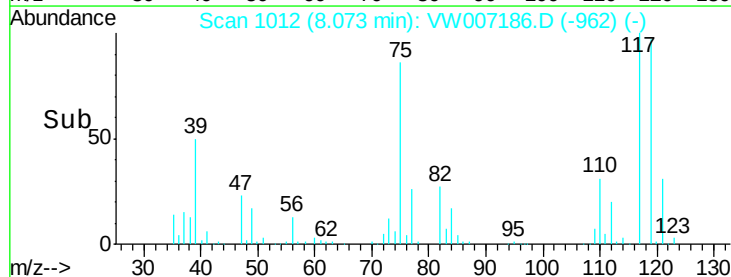
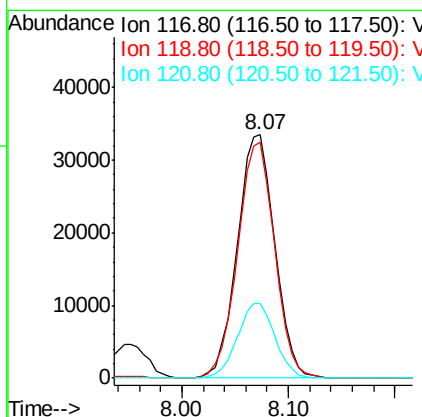
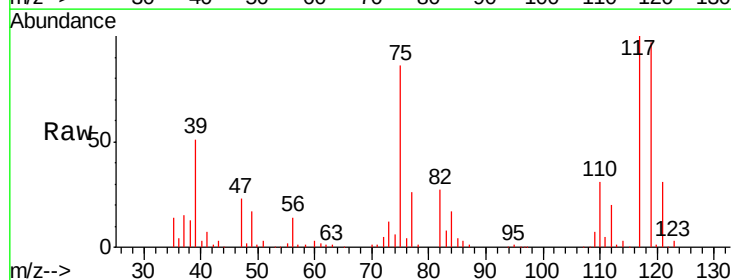
Manual Integrations
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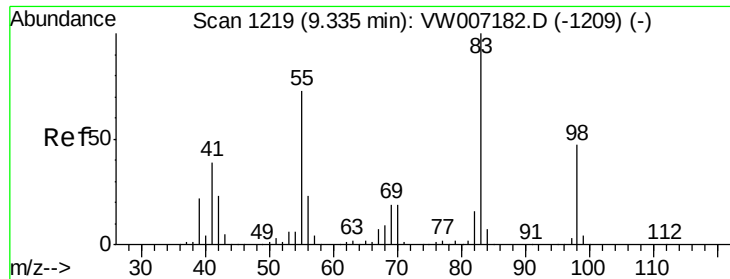
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#38
Carbon Tetrachloride
Concen: 49.719 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW007186.D
Acq: 04 Dec 2018 14:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	74.1	111.1
121	30.6	23.9	35.9





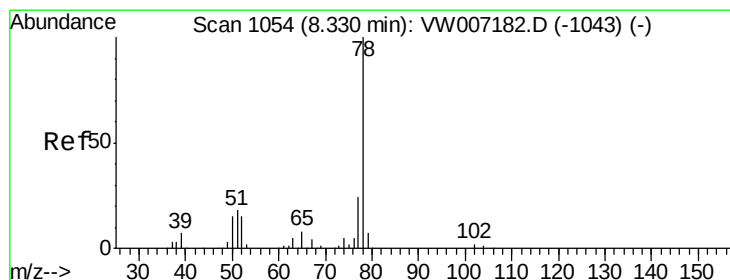
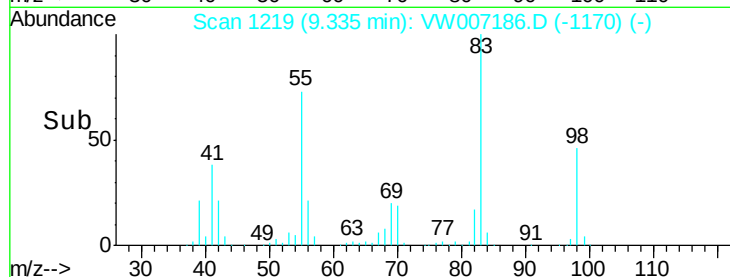
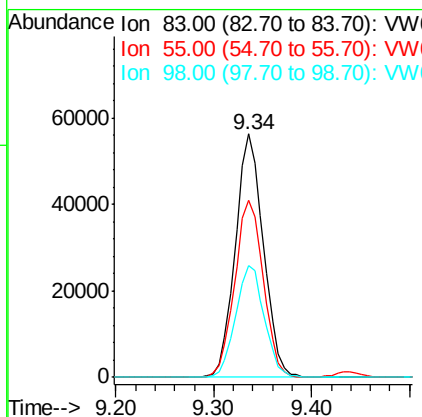
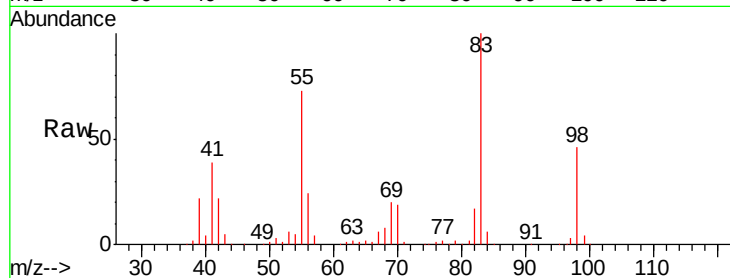
#39
Methylcyclohexane
Concen: 51.204 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007186.D
Acq: 04 Dec 2018 14:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW120418

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	111858		
55	72.9		58.1	87.1
98	46.0		37.3	55.9

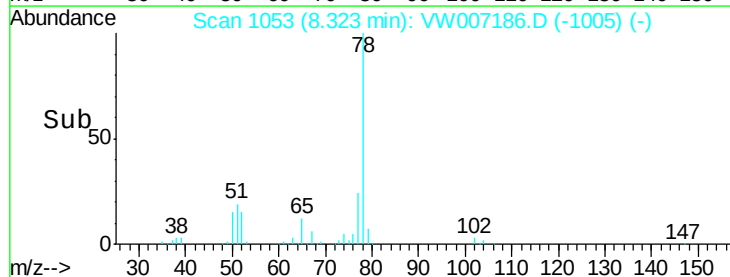
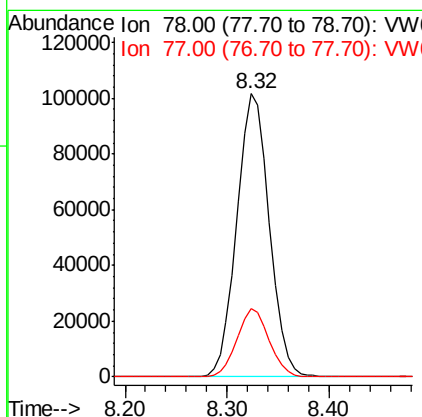
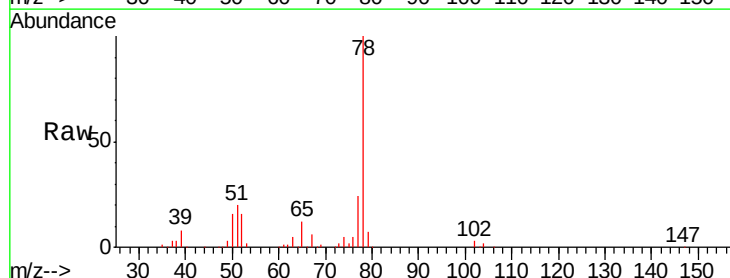
Manual Integrations
APPROVED

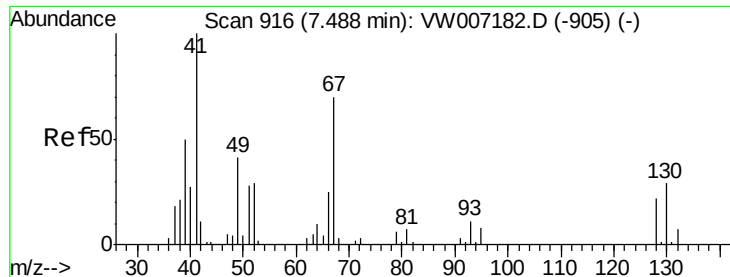
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#40
Benzene
Concen: 50.187 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW007186.D
Acq: 04 Dec 2018 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	224576		
77	24.0		18.9	28.3





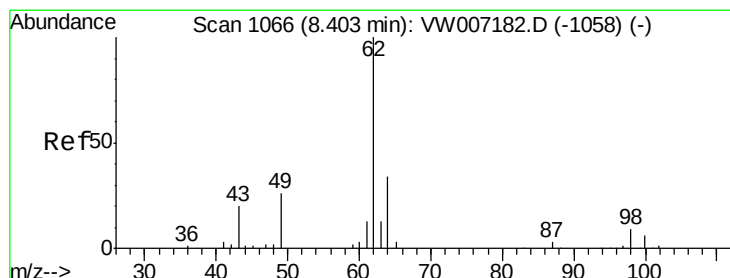
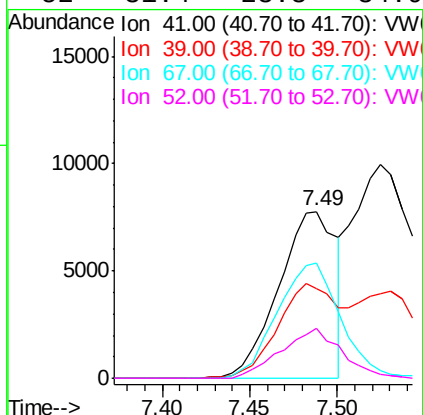
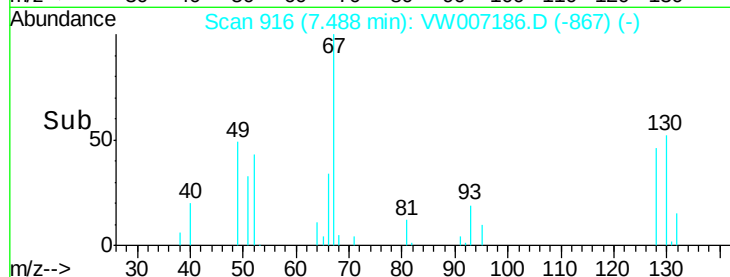
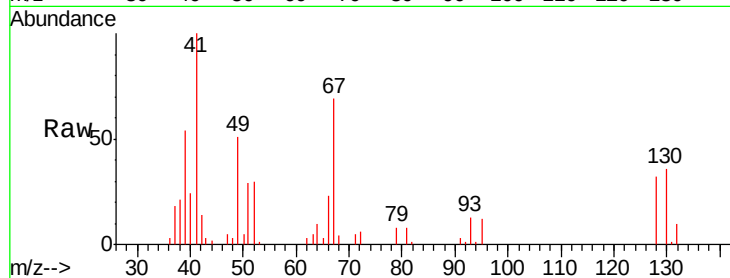
#41
Methacrylonitrile
Concen: 50.576 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW007186.D
Acq: 04 Dec 2018 14:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW120418

Tgt Ion:	41	Resp:	17882
Ion	Ratio	Lower	Upper
41	100		
39	62.6	43.4	65.0
67	75.9	57.4	86.0
52	31.4	23.3	34.9

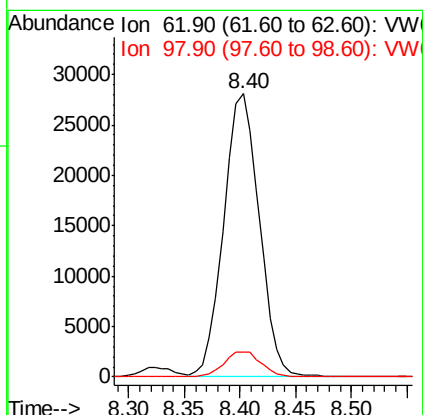
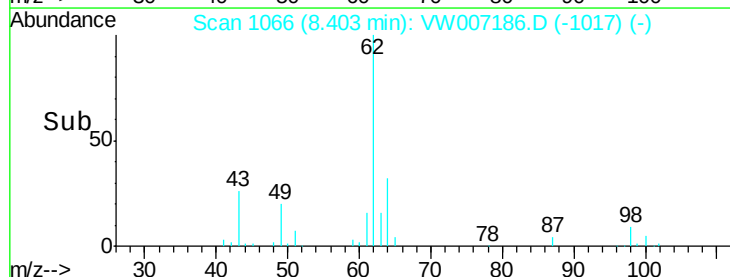
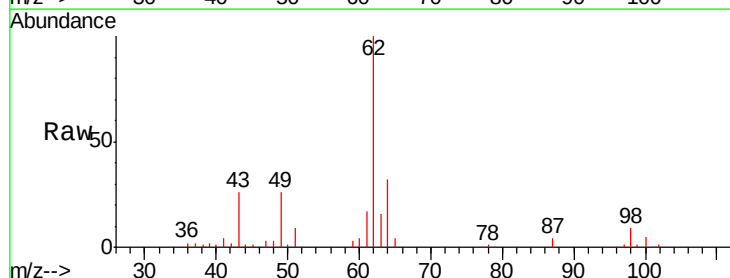
Manual Integrations
APPROVED

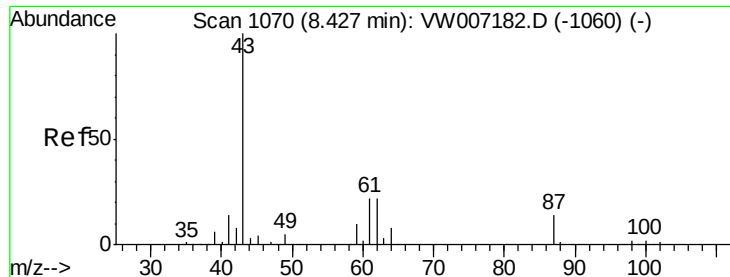
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#42
1,2-Dichloroethane
Concen: 49.825 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007186.D
Acq: 04 Dec 2018 14:29

Tgt Ion:	62	Resp:	62312
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.8





#43

Isopropyl Acetate

Concen: 51.995 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007186.D

Acq: 04 Dec 2018 14:29

Instrument :

MSVOA_W

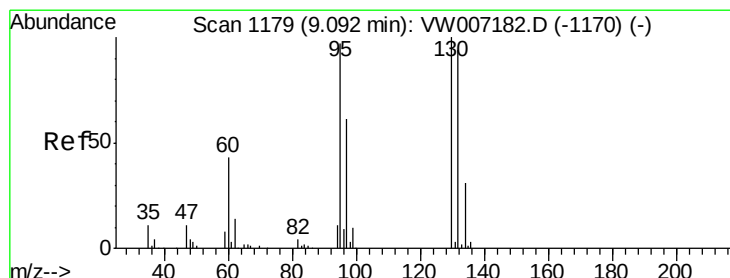
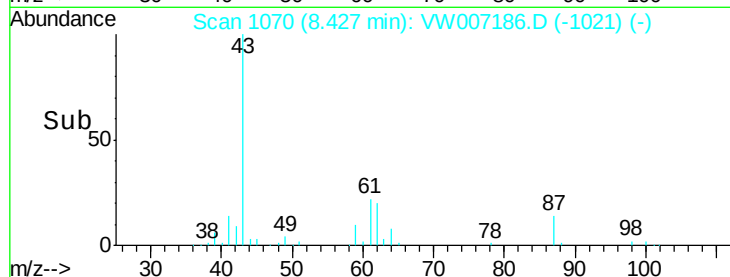
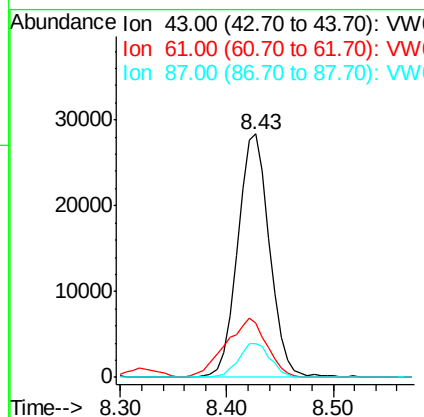
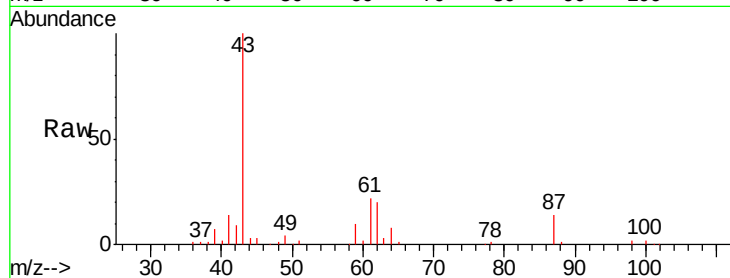
ClientSampleId :

ICVW120418

Tgt Ion:	43	Resp:	59610
Ion	Ratio	Lower	Upper
43	100		
61	30.9	25.4	38.0
87	14.1	11.4	17.0

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#44

Trichloroethene

Concen: 50.170 ug/l

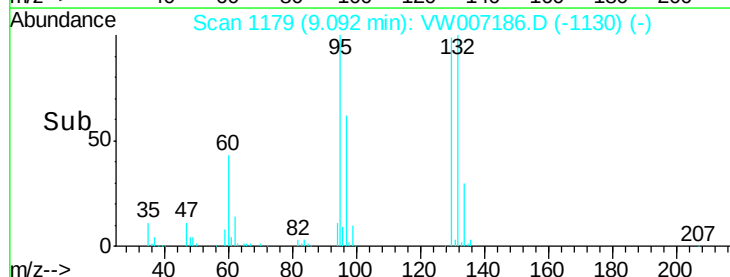
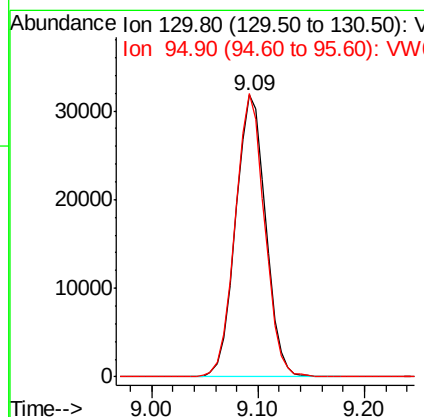
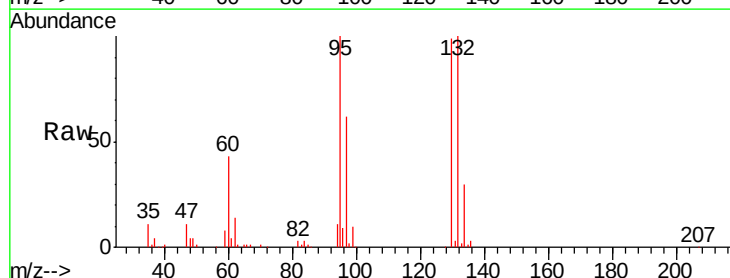
RT: 9.09 min Scan# 1179

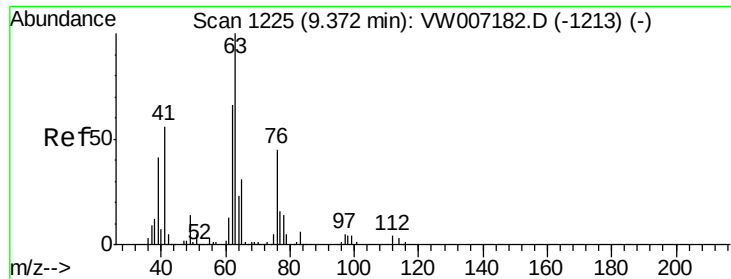
Delta R.T. -0.00 min

Lab File: VW007186.D

Acq: 04 Dec 2018 14:29

Tgt Ion:	130	Resp:	63105
Ion	Ratio	Lower	Upper
130	100		
95	100.5	0.0	194.0





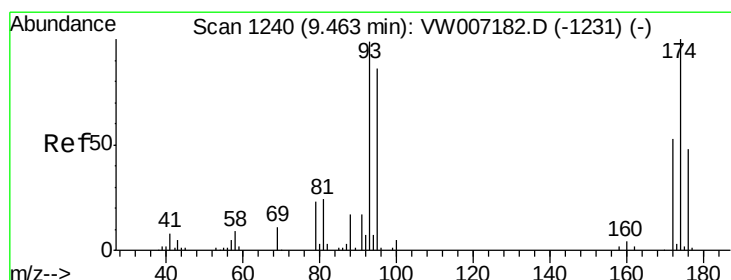
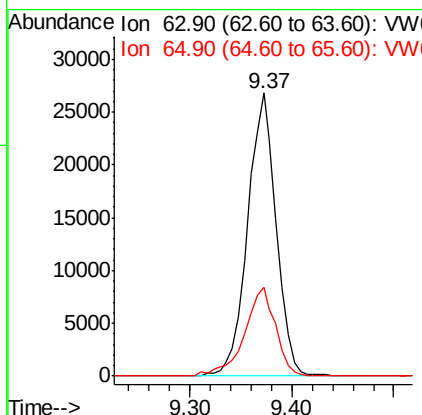
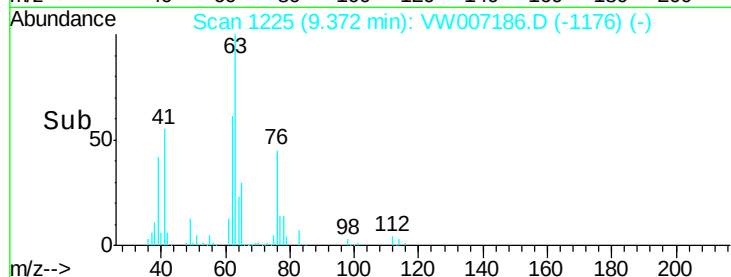
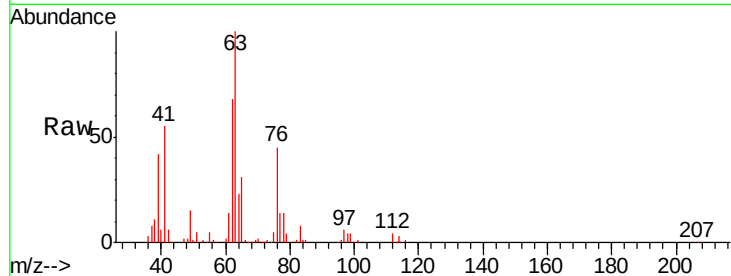
#45
 1,2-Dichloropropane
 Concen: 50.229 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW007186.D
 Acq: 04 Dec 2018 14:29

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW120418

Tgt Ion: 63 Resp: 52304
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.0 37.4

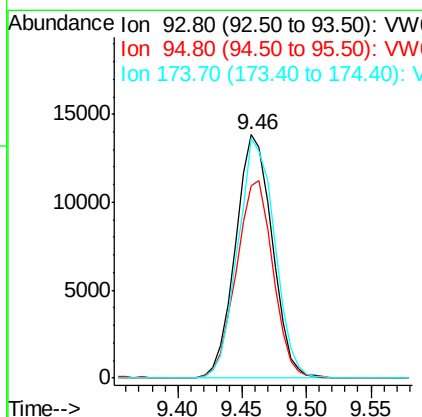
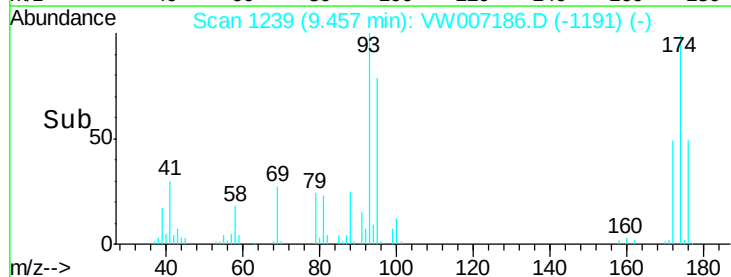
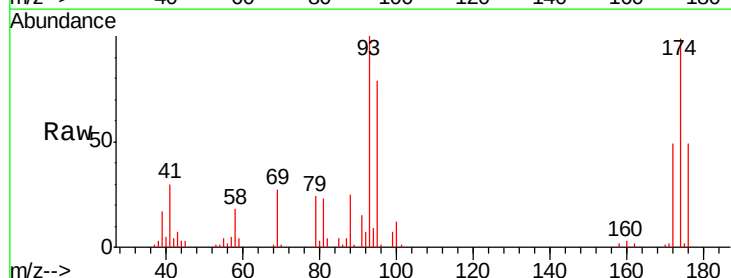
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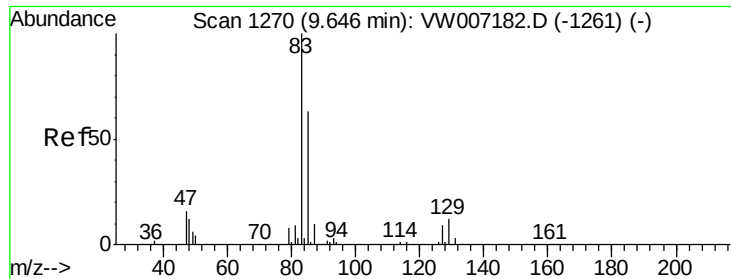
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#46
 Dibromomethane
 Concen: 50.446 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW007186.D
 Acq: 04 Dec 2018 14:29

Tgt Ion: 93 Resp: 27296
 Ion Ratio Lower Upper
 93 100
 95 81.2 68.7 103.1
 174 99.3 82.9 124.3





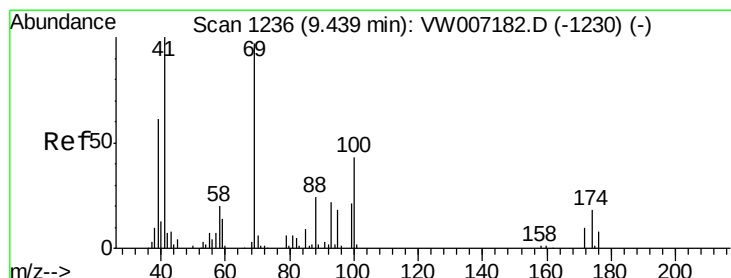
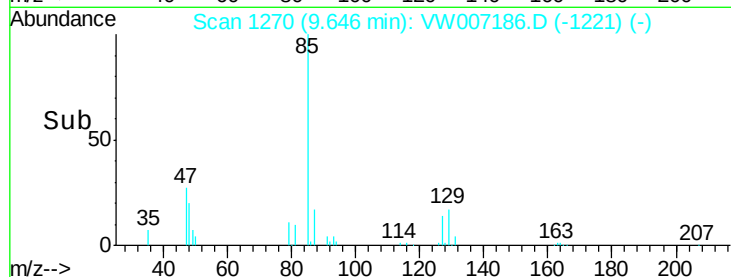
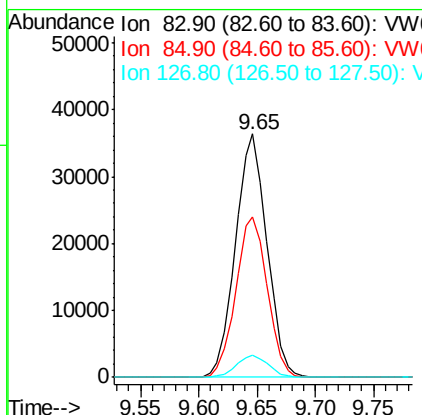
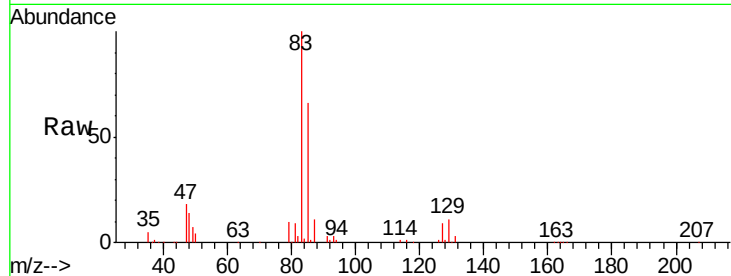
#47
 Bromodichloromethane
 Concen: 48.197 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW007186.D
 Acq: 04 Dec 2018 14:29

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW120418

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	68600		
85	65.8	50.6	76.0	
127	9.2	7.3	10.9	

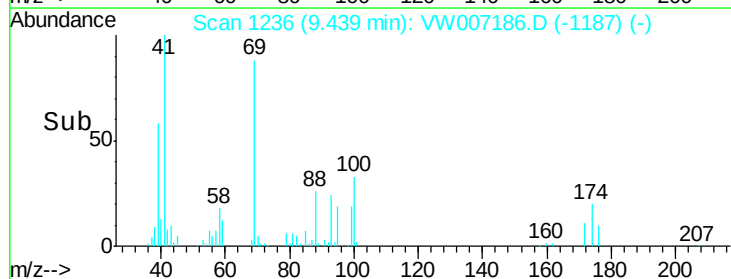
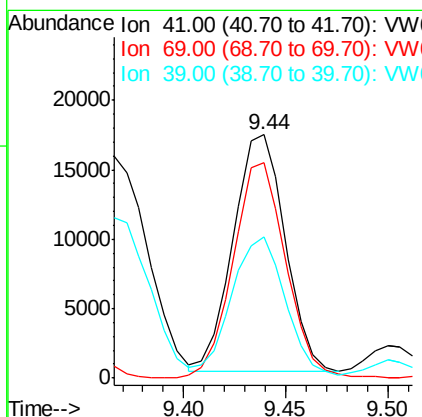
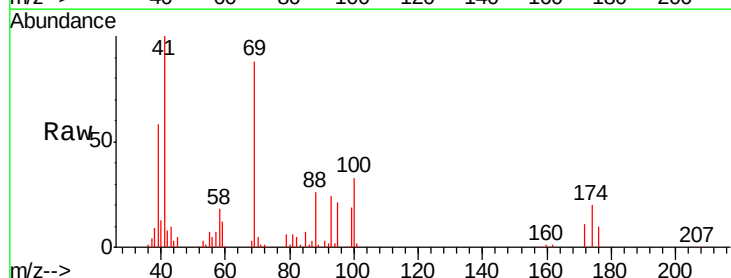
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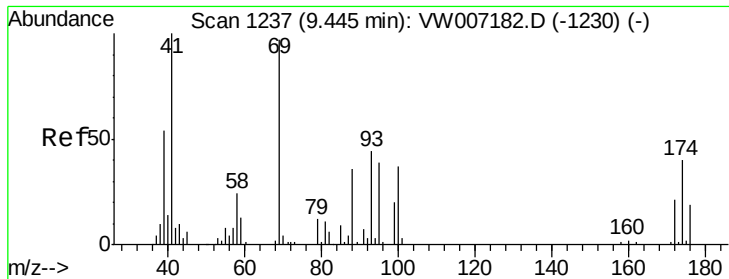
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#48
 Methyl methacrylate
 Concen: 50.914 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VW007186.D
 Acq: 04 Dec 2018 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	30295		
69	92.6	69.6	104.4	
39	58.8	42.4	63.6	





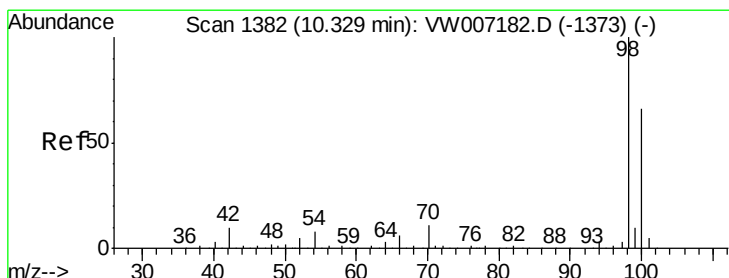
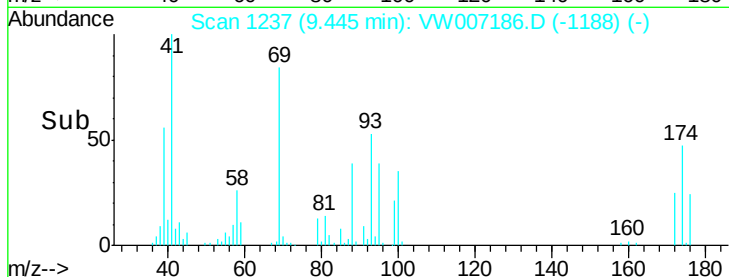
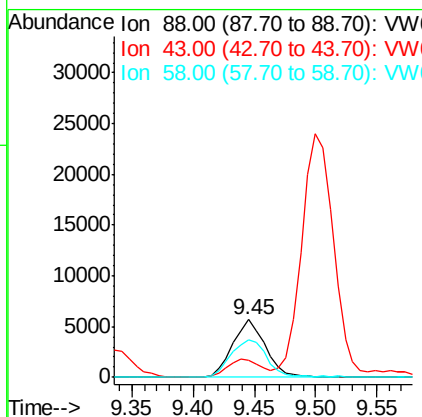
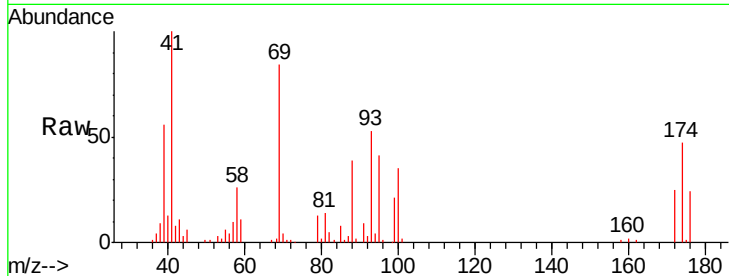
#49
1,4-Dioxane
Concen: 1114.634 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW007186.D
Acq: 04 Dec 2018 14:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW120418

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	10536		
43	31.3	25.8	38.8	
58	70.8	58.9	88.3	

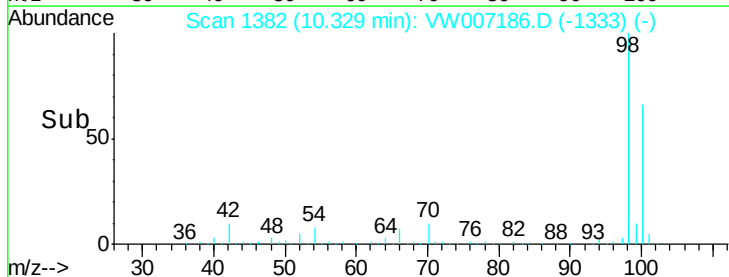
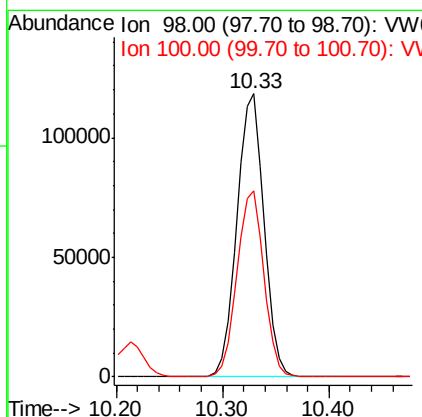
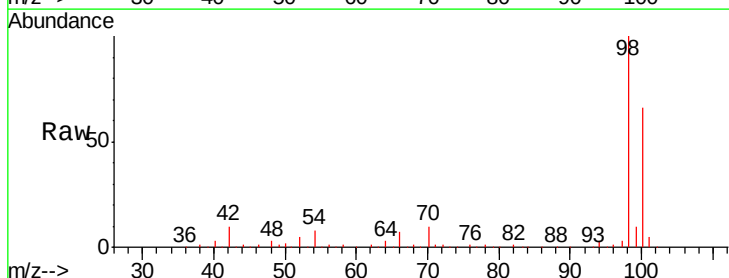
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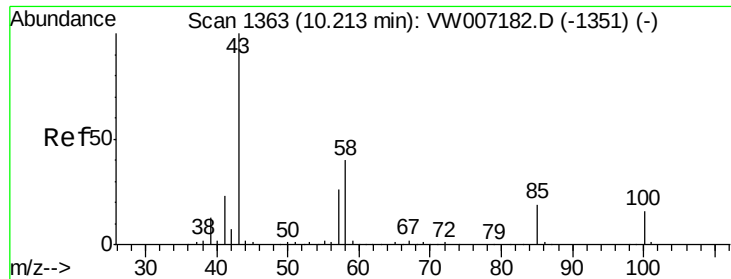
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#50
Toluene-d8
Concen: 50.030 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW007186.D
Acq: 04 Dec 2018 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	211635		
100	65.4	52.7	79.1	





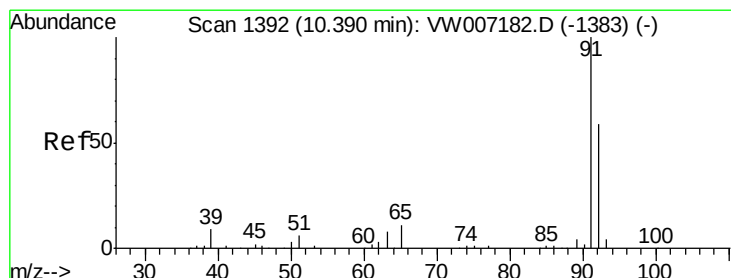
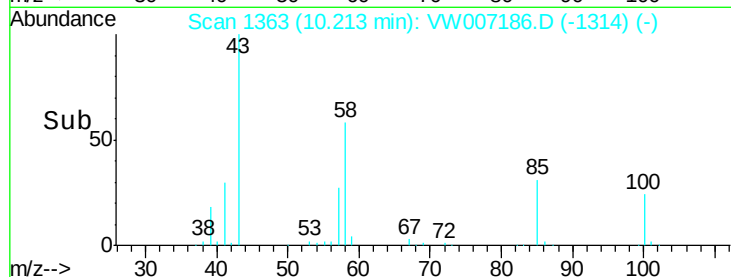
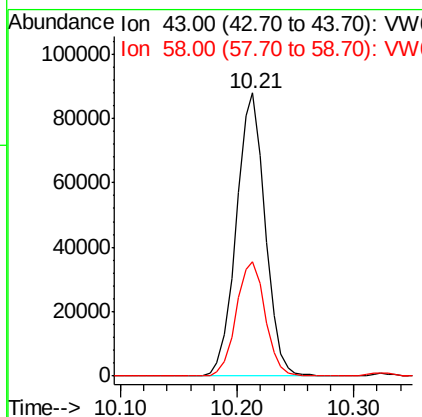
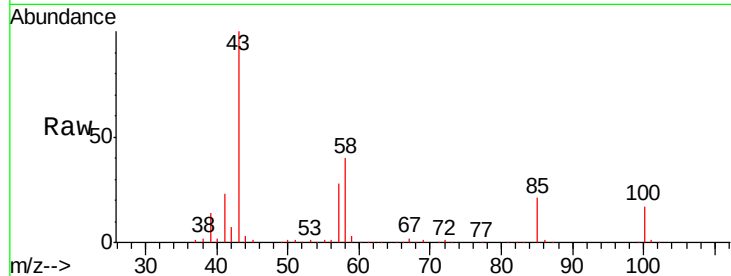
#51
4-Methyl-2-Pentanone
Concen: 268.946 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW007186.D
Acq: 04 Dec 2018 14:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW120418

Tgt Ion: 43 Resp: 151948
Ion Ratio Lower Upper
43 100
58 40.7 32.3 48.5

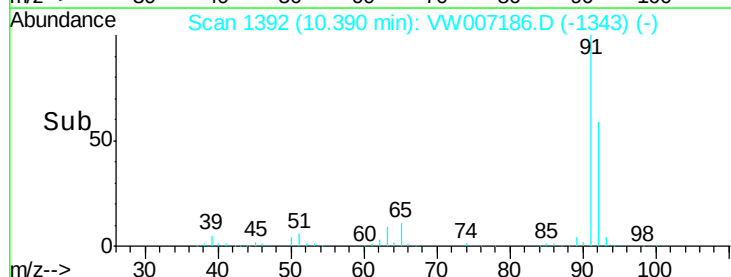
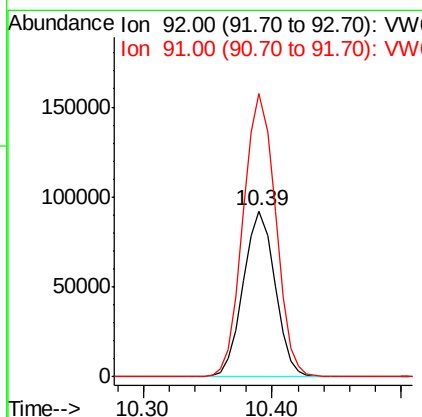
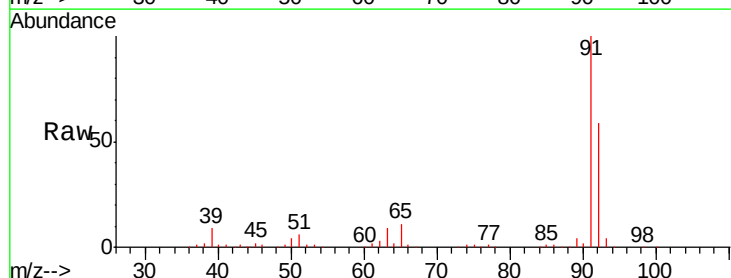
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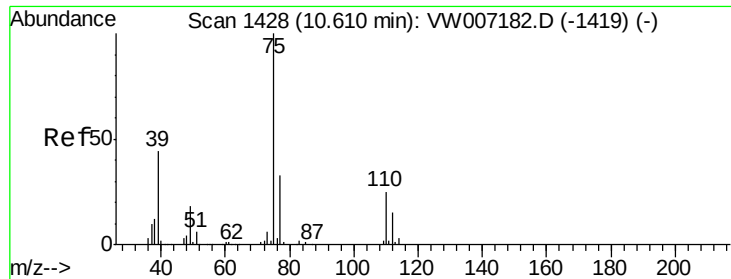
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#52
Toluene
Concen: 50.704 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007186.D
Acq: 04 Dec 2018 14:29

Tgt Ion: 92 Resp: 157829
Ion Ratio Lower Upper
92 100
91 173.9 136.0 204.0





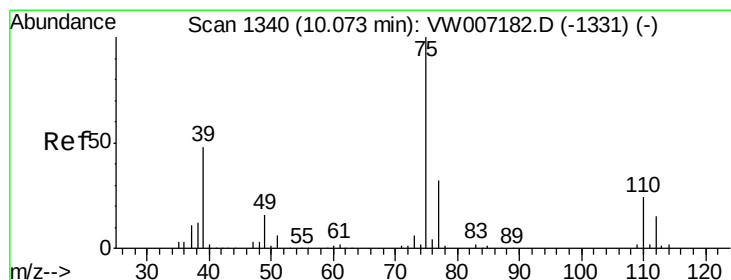
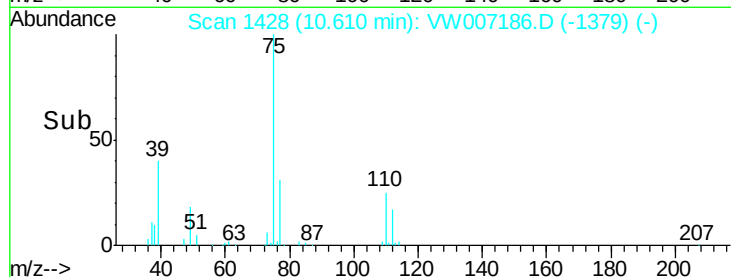
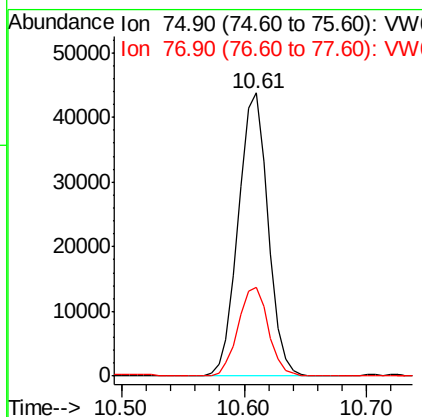
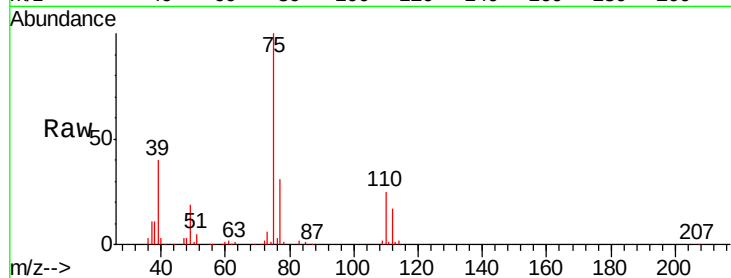
#53
t-1,3-Dichloropropene
Concen: 51.659 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW007186.D
Acq: 04 Dec 2018 14:29

Instrument :
MSVOA_W
ClientSampled :
ICVWV120418

Tgt Ion: 75 Resp: 73924
Ion Ratio Lower Upper
75 100
77 31.1 26.2 39.2

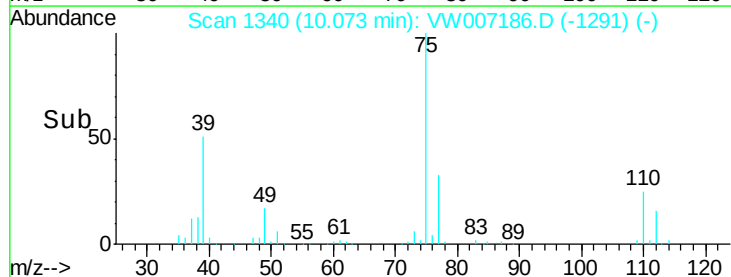
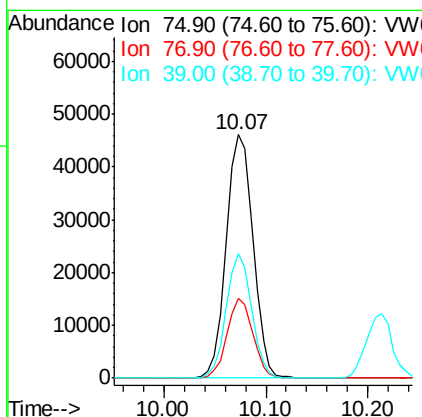
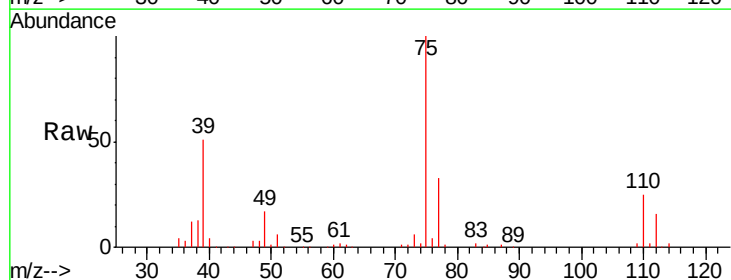
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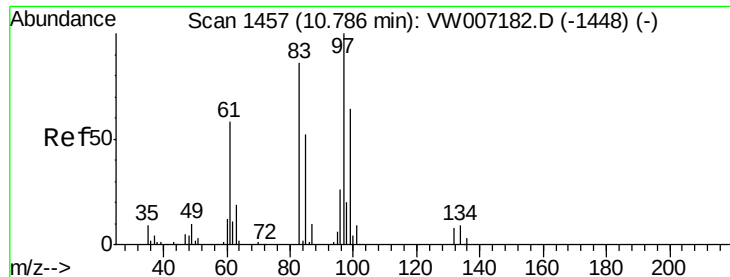
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#54
cis-1,3-Dichloropropene
Concen: 50.078 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW007186.D
Acq: 04 Dec 2018 14:29

Tgt Ion: 75 Resp: 83982
Ion Ratio Lower Upper
75 100
77 32.9 26.0 39.0
39 51.3 38.0 57.0





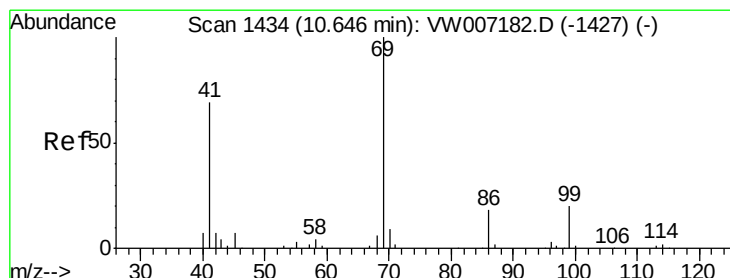
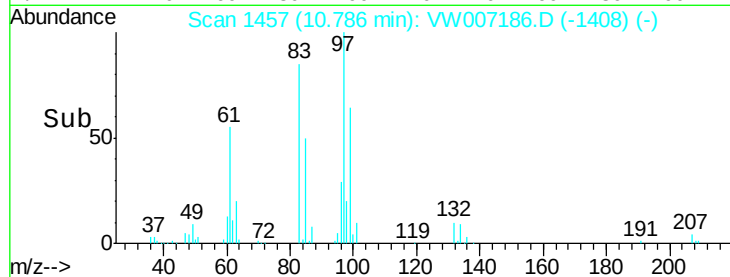
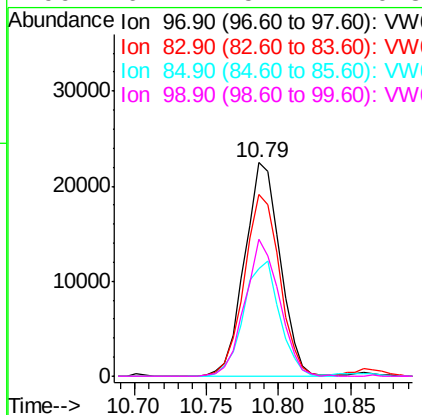
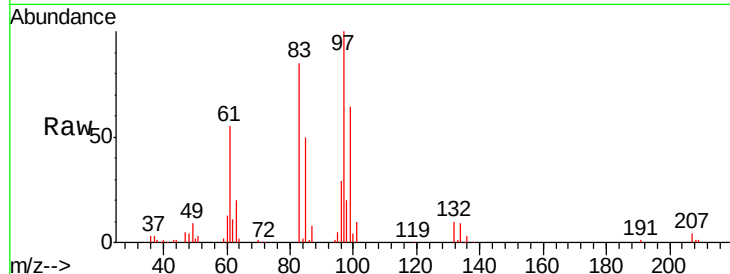
#55
 1,1,2-Trichloroethane
 Concen: 49.908 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007186.D
 Acq: 04 Dec 2018 14:29

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW120418

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	38413		
83	84.9	68.6	102.8	
85	50.4	41.4	62.2	
99	64.4	51.2	76.8	

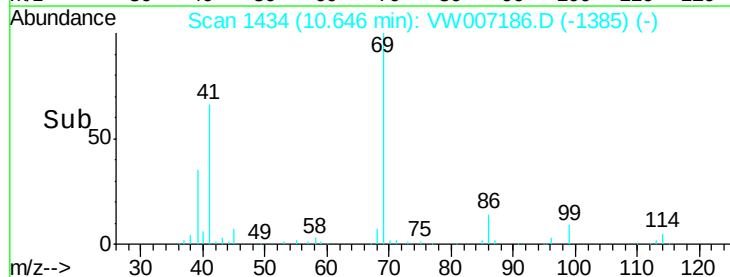
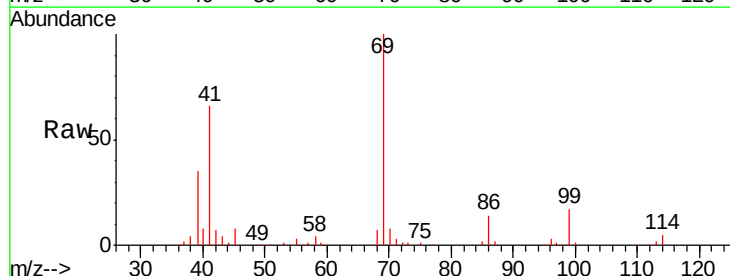
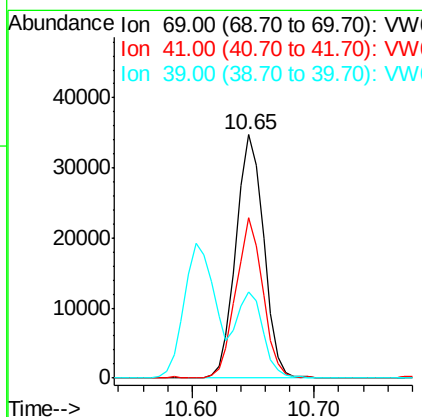
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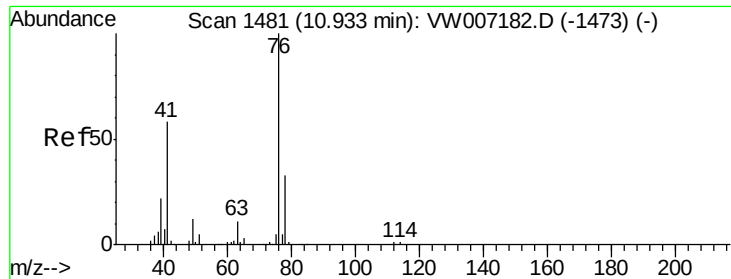
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#56
 Ethyl methacrylate
 Concen: 54.492 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007186.D
 Acq: 04 Dec 2018 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	54709		
41	64.3	51.8	77.6	
39	34.7	28.7	43.1	





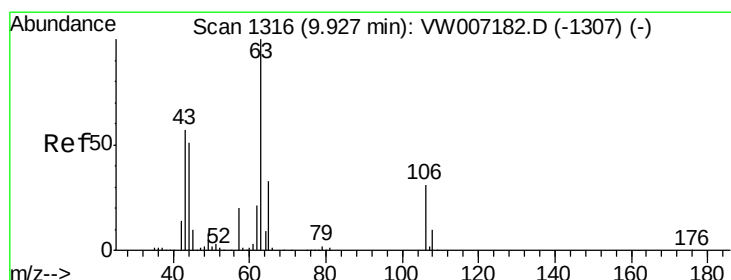
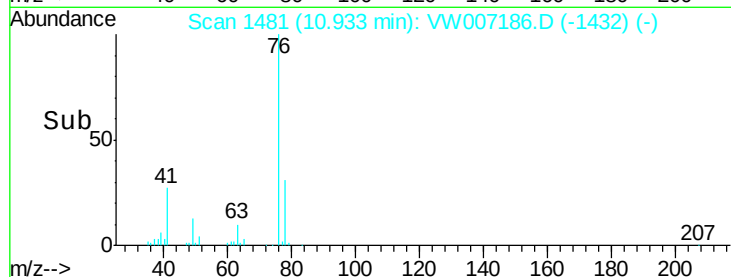
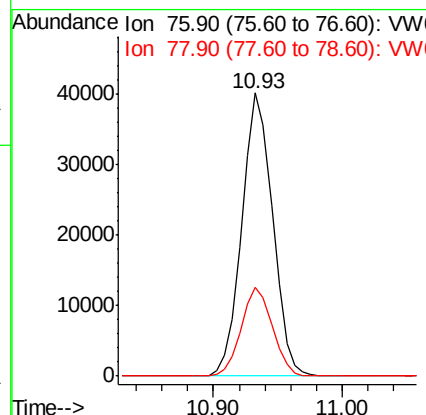
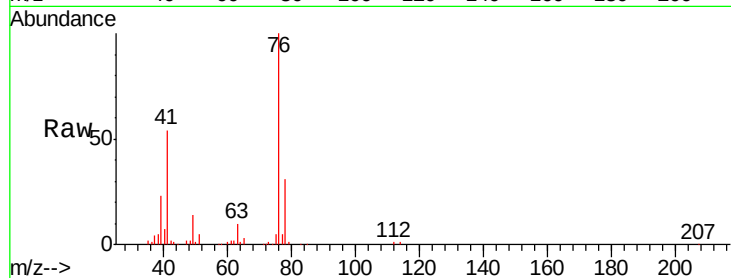
#57
 1,3-Dichloropropane
 Concen: 51.021 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007186.D
 Acq: 04 Dec 2018 14:29

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW120418

Tgt Ion: 76 Resp: 66298
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.6 40.0

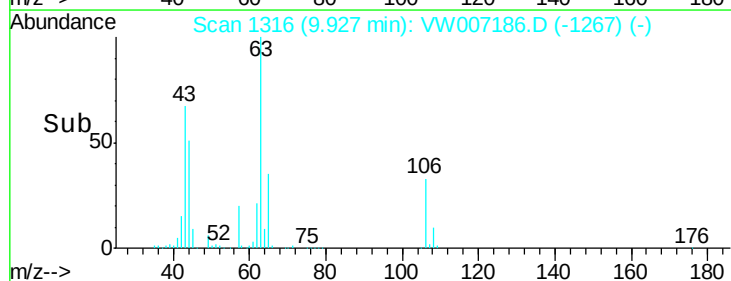
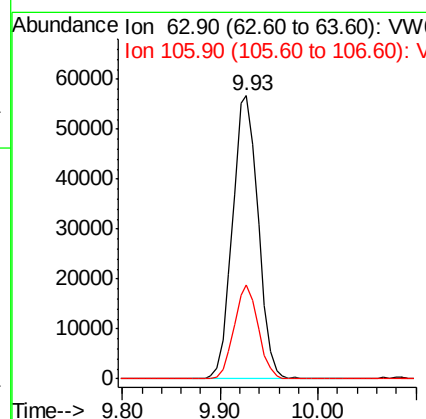
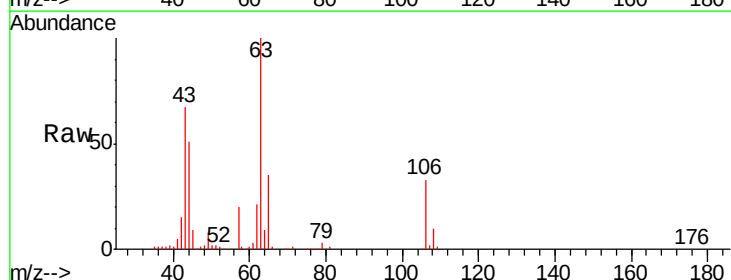
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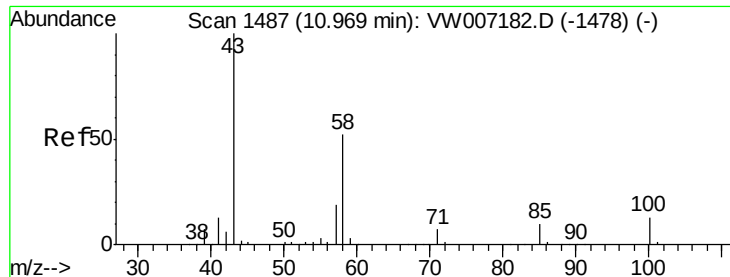
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#58
 2-Chloroethyl Vinyl ether
 Concen: 255.894 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007186.D
 Acq: 04 Dec 2018 14:29

Tgt Ion: 63 Resp: 103193
 Ion Ratio Lower Upper
 63 100
 106 31.2 24.1 36.1





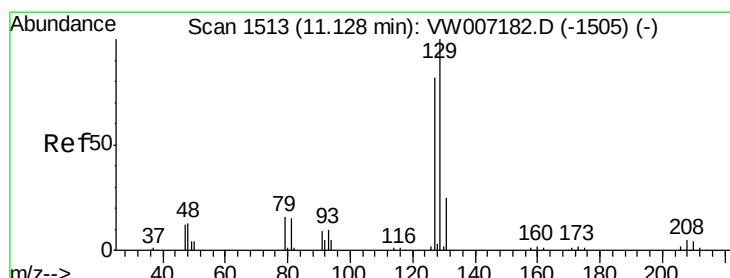
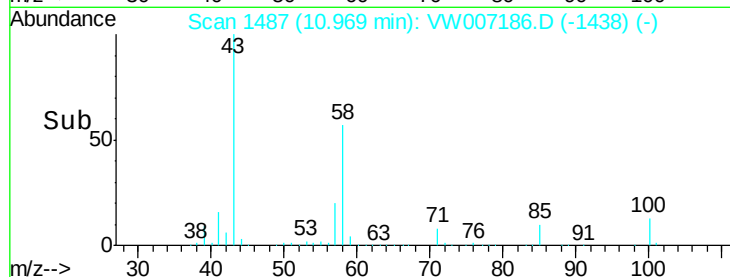
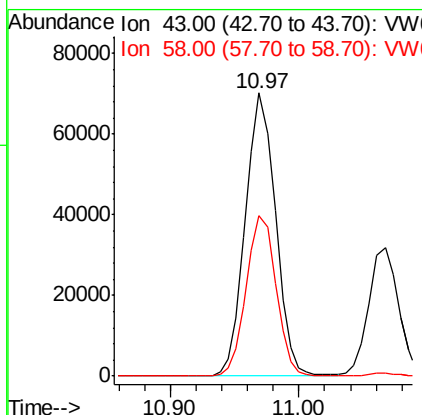
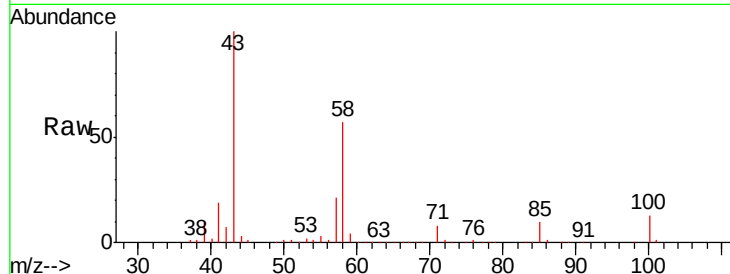
#59
2-Hexanone
Concen: 278.823 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007186.D
Acq: 04 Dec 2018 14:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW120418

Tgt Ion: 43 Resp: 114195
Ion Ratio Lower Upper
43 100
58 56.1 28.1 84.4

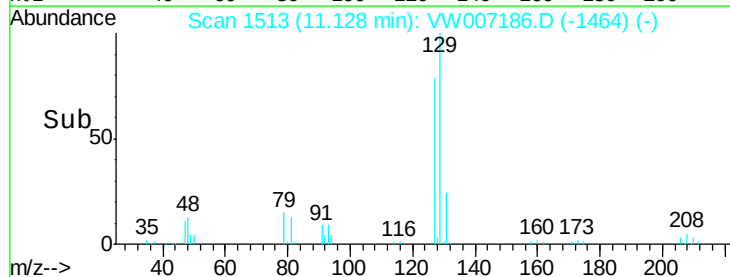
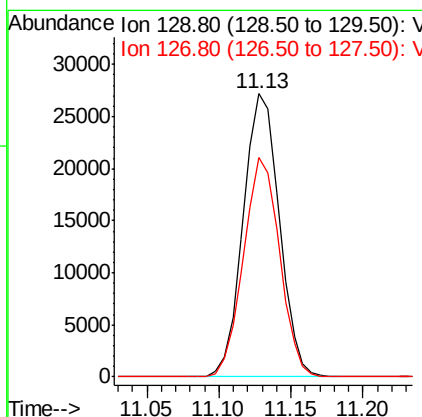
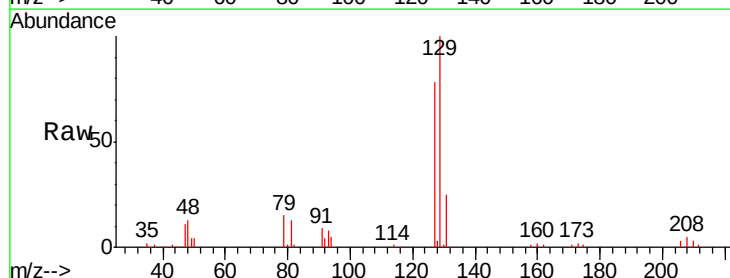
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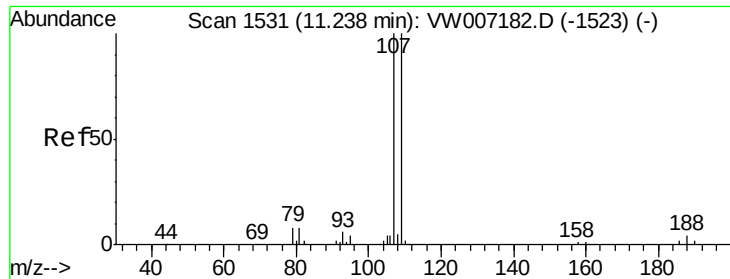
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#60
Dibromochloromethane
Concen: 49.959 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007186.D
Acq: 04 Dec 2018 14:29

Tgt Ion: 129 Resp: 47259
Ion Ratio Lower Upper
129 100
127 77.5 39.8 119.4





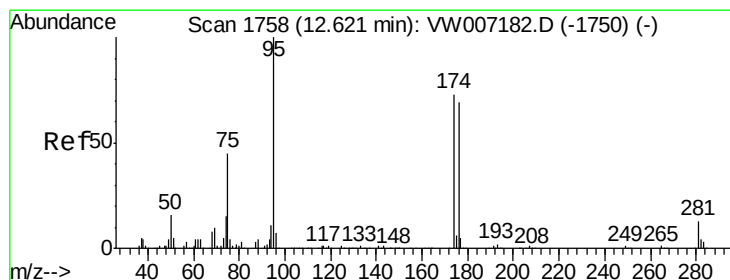
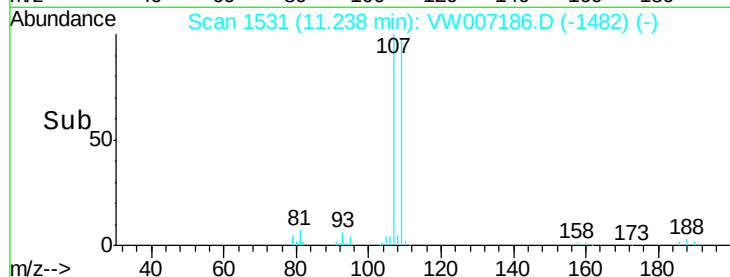
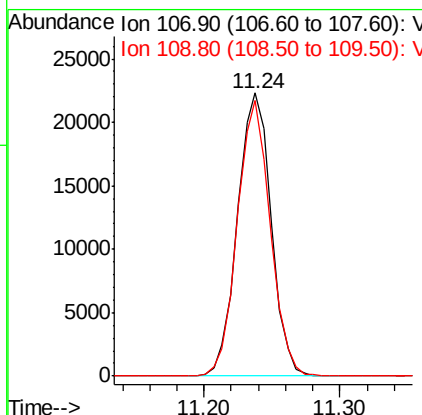
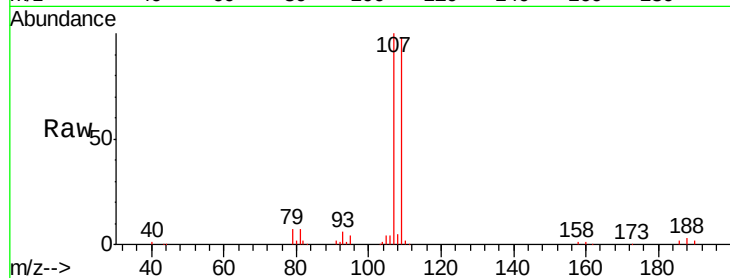
#61
 1,2-Dibromoethane
 Concen: 52.136 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007186.D
 Acq: 04 Dec 2018 14:29

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW120418

Tgt Ion: 107 Resp: 38488
 Ion Ratio Lower Upper
 107 100
 109 95.3 77.3 115.9

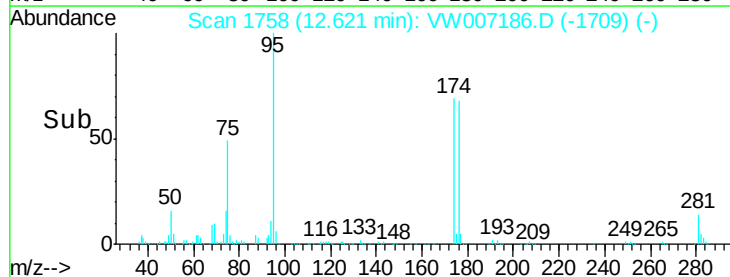
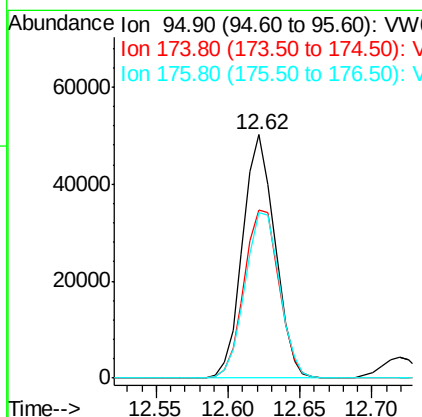
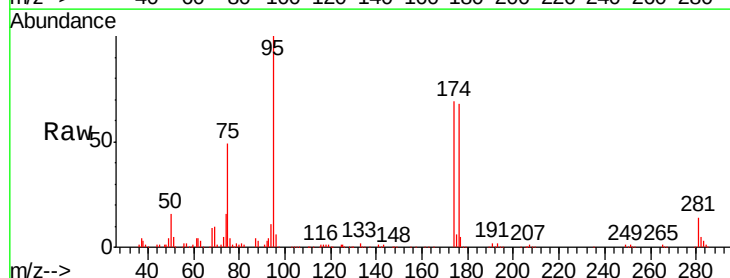
Manual Integrations
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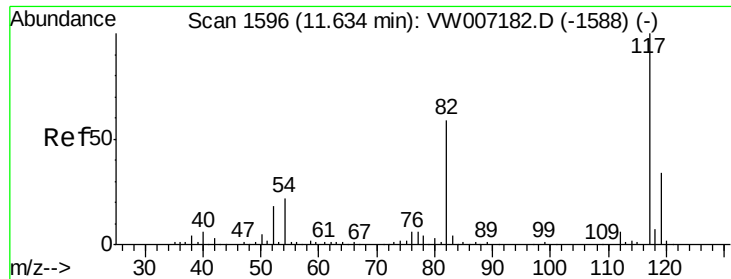
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#62
 4-Bromofluorobenzene
 Concen: 48.888 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007186.D
 Acq: 04 Dec 2018 14:29

Tgt Ion: 95 Resp: 78057
 Ion Ratio Lower Upper
 95 100
 174 74.6 0.0 148.0
 176 72.6 0.0 139.4





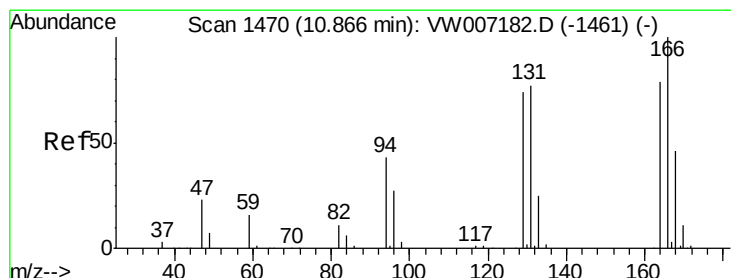
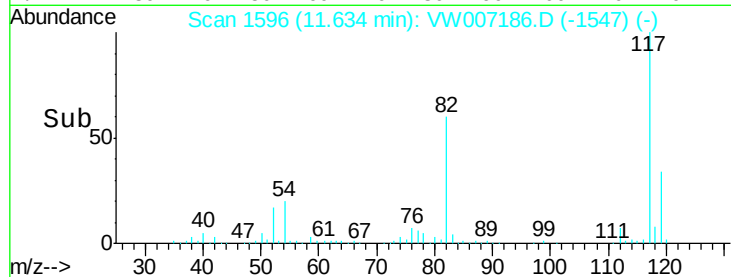
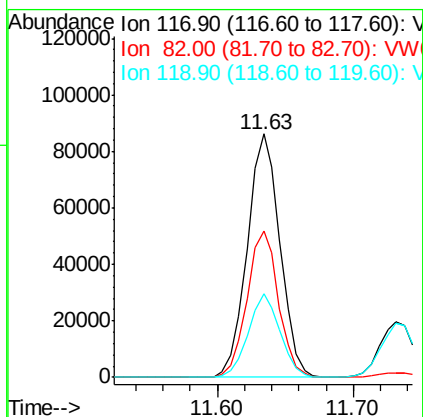
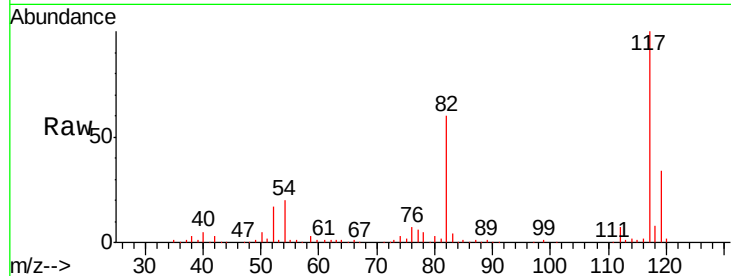
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007186.D
Acq: 04 Dec 2018 14:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW120418

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	144837		
82	60.3	47.4	71.2	
119	34.2	26.8	40.2	

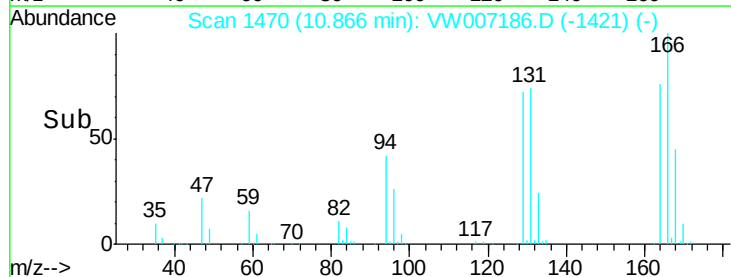
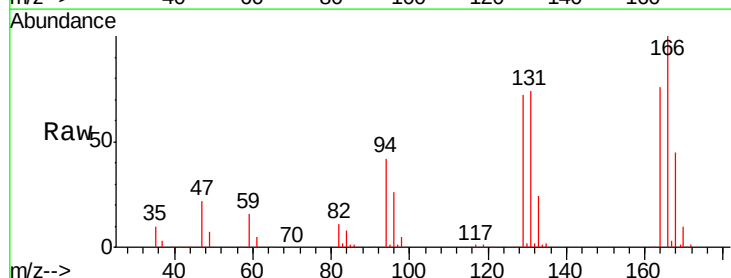
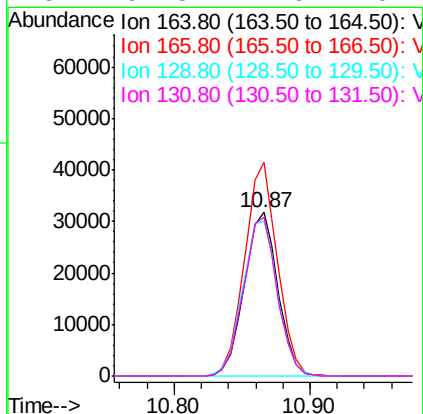
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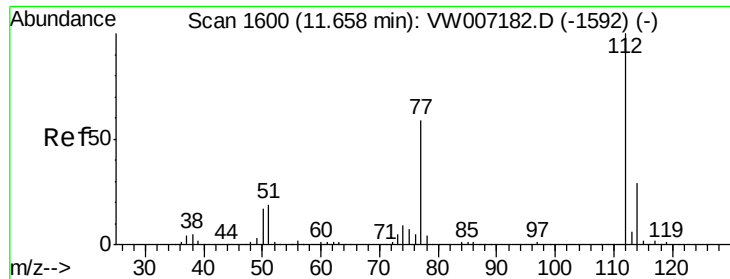
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#64
Tetrachloroethene
Concen: 51.683 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007186.D
Acq: 04 Dec 2018 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	54691		
166	130.8	101.0	151.4	
129	94.8	74.6	111.8	
131	97.3	77.6	116.4	





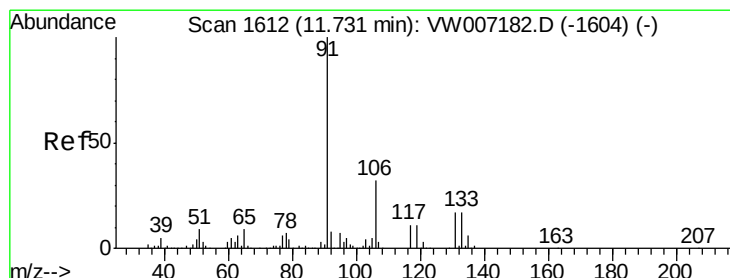
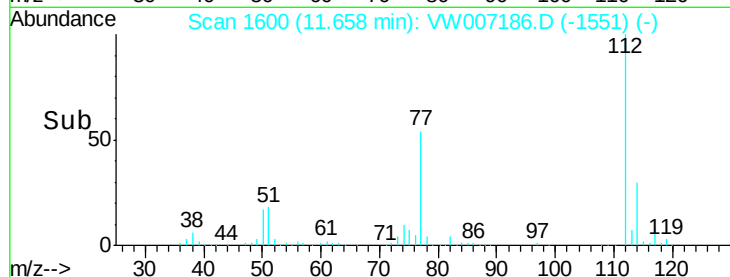
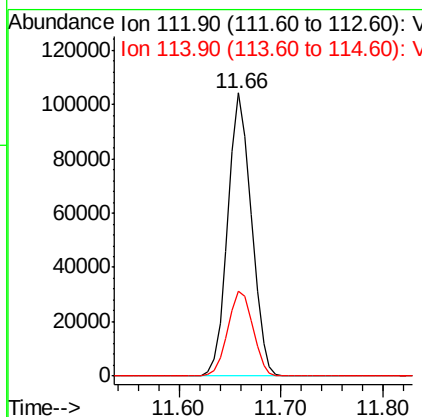
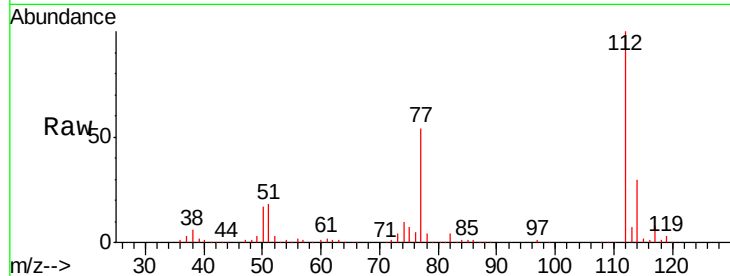
#65
Chlorobenzene
Concen: 51.689 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007186.D
Acq: 04 Dec 2018 14:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW120418

Tgt Ion:112 Resp: 167202
Ion Ratio Lower Upper
112 100
114 30.0 23.0 34.4

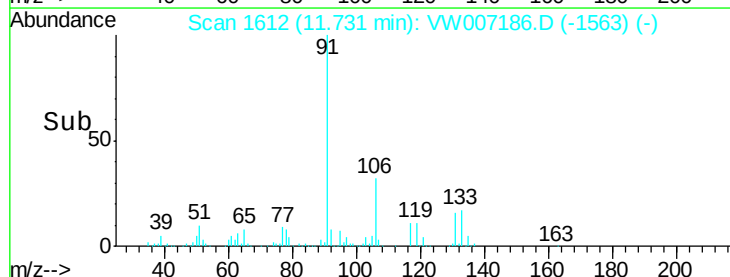
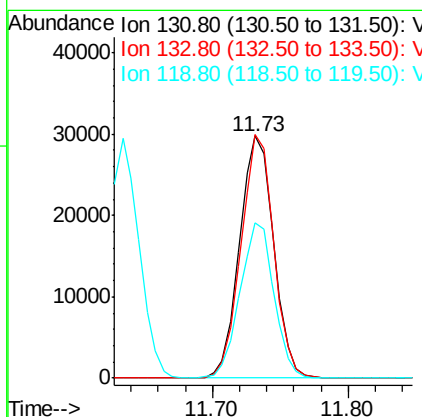
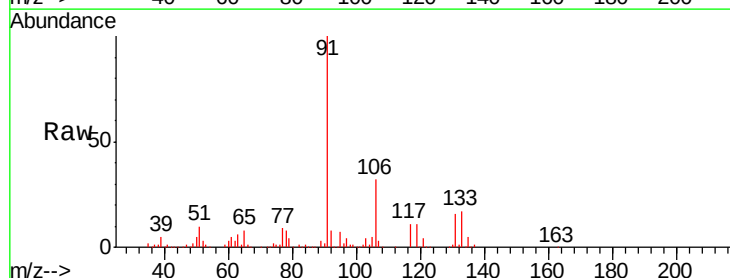
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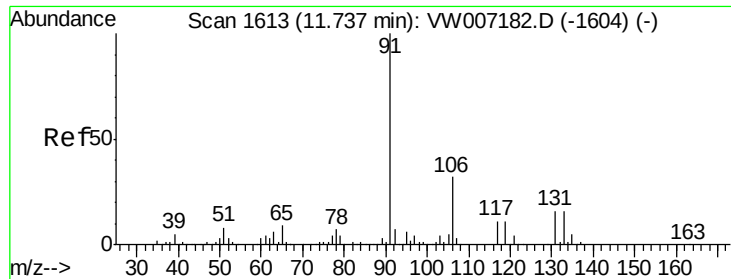
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.105 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007186.D
Acq: 04 Dec 2018 14:29

Tgt Ion:131 Resp: 52053
Ion Ratio Lower Upper
131 100
133 96.6 48.0 144.2
119 64.0 32.8 98.4





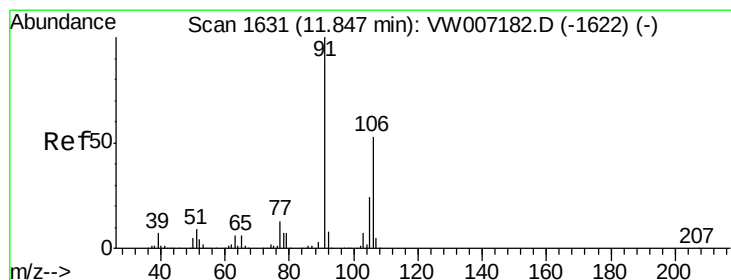
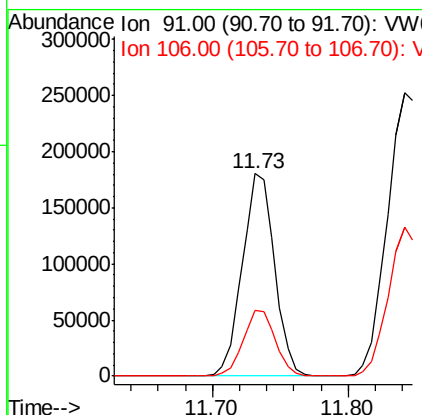
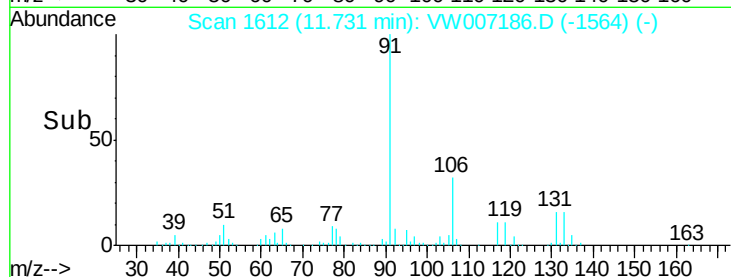
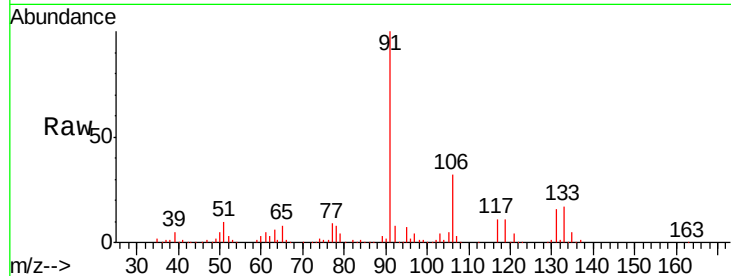
#67
Ethyl Benzene
Concen: 50.958 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW007186.D
Acq: 04 Dec 2018 14:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW120418

Tgt Ion: 91 Resp: 300427
Ion Ratio Lower Upper
91 100
106 32.3 26.0 39.0

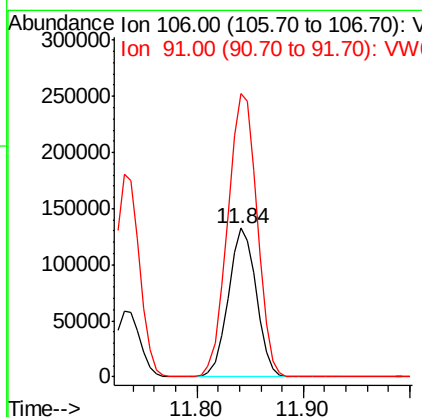
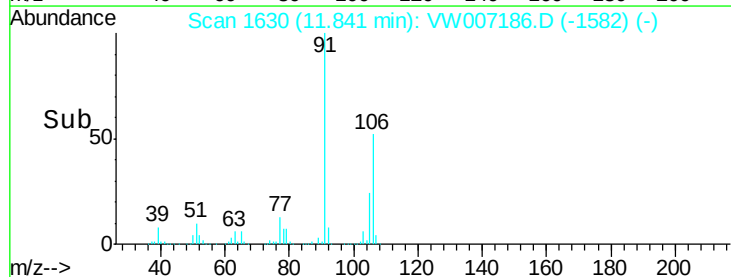
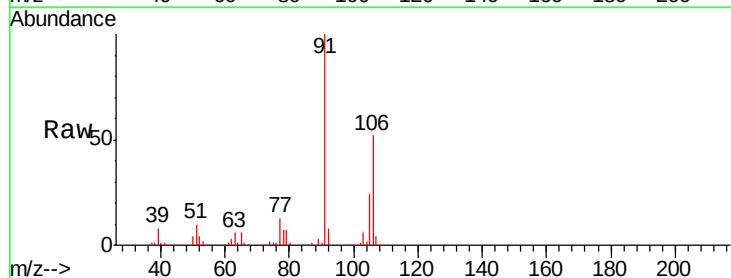
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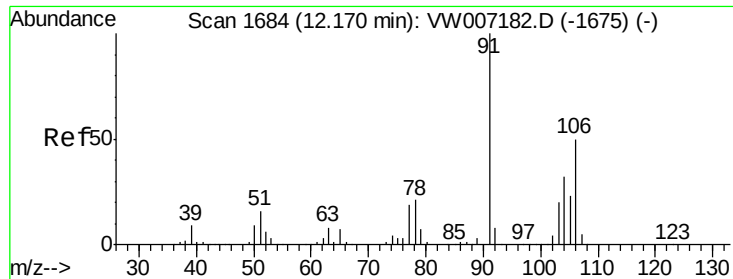
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#68
m/p-Xylenes
Concen: 105.262 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW007186.D
Acq: 04 Dec 2018 14:29

Tgt Ion: 106 Resp: 243460
Ion Ratio Lower Upper
106 100
91 201.3 160.2 240.4





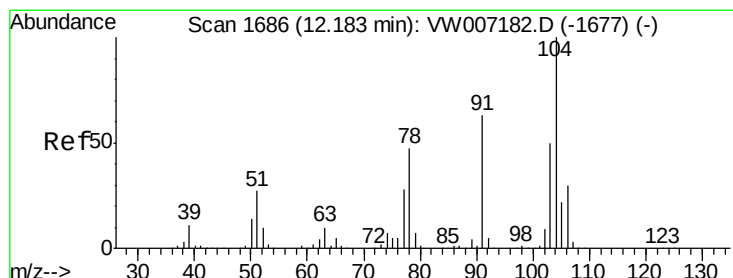
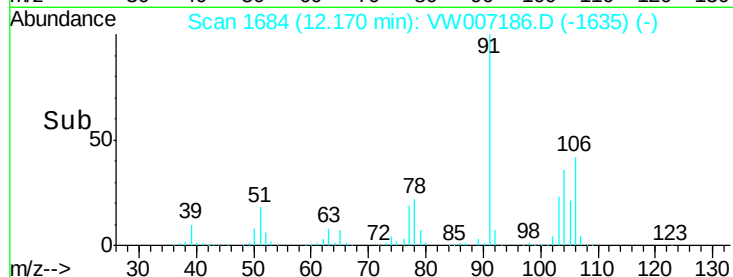
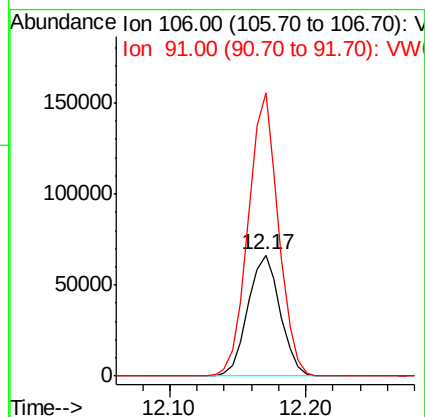
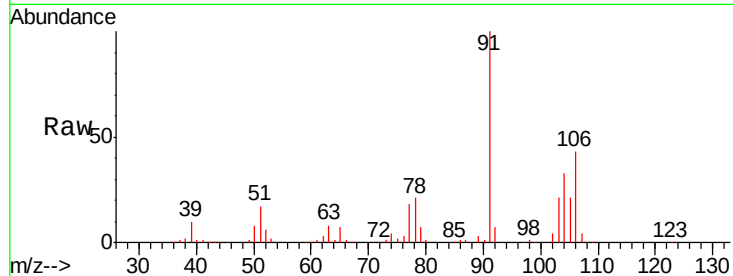
#69
o-Xylene
Concen: 51.018 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007186.D
Acq: 04 Dec 2018 14:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW120418

Tgt Ion:106 Resp: 110245
Ion Ratio Lower Upper
106 100
91 218.4 104.9 314.7

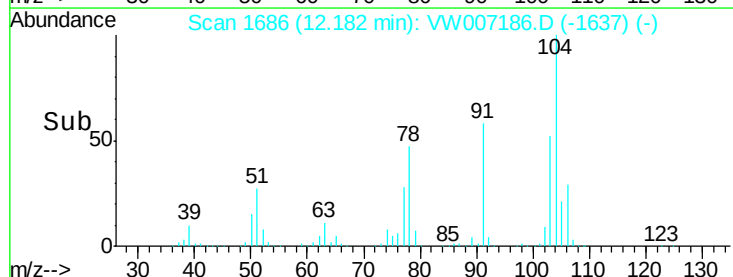
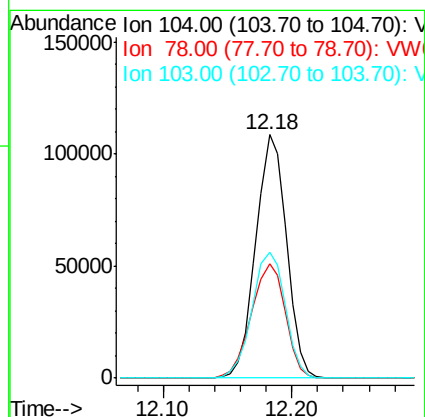
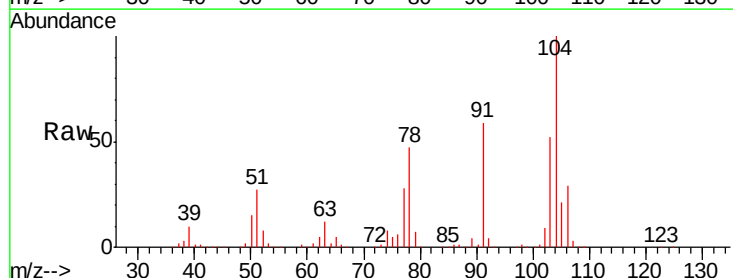
Manual Integrations
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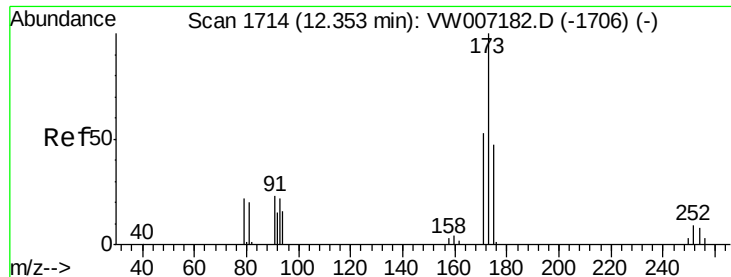
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#70
Styrene
Concen: 50.587 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007186.D
Acq: 04 Dec 2018 14:29

Tgt Ion:104 Resp: 178945
Ion Ratio Lower Upper
104 100
78 52.0 40.6 60.8
103 56.0 43.0 64.4





#71

Bromoform

Concen: 53.818 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW007186.D

Acq: 04 Dec 2018 14:29

Instrument :

MSVOA_W

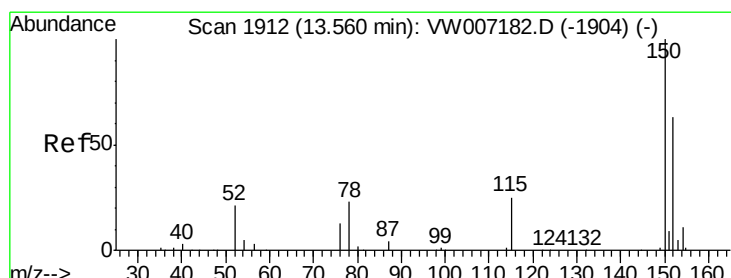
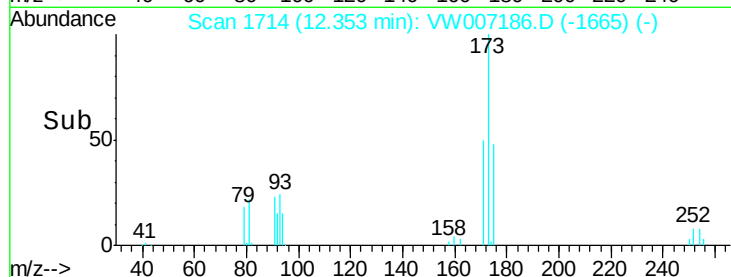
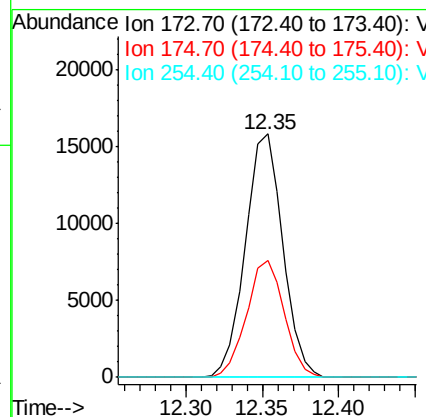
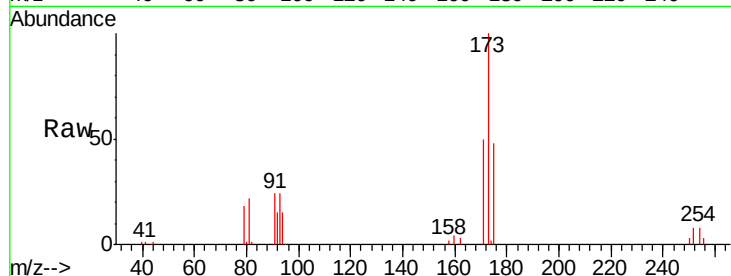
ClientSampleId :

ICVW120418

Tgt Ion:	173	Resp:	26914
Ion Ratio	Lower	Upper	
173	100		
175	48.1	24.0	72.0
254	0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

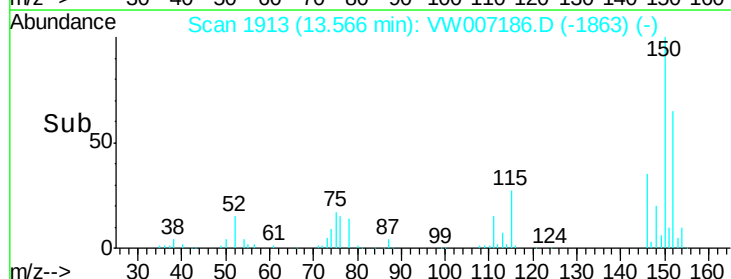
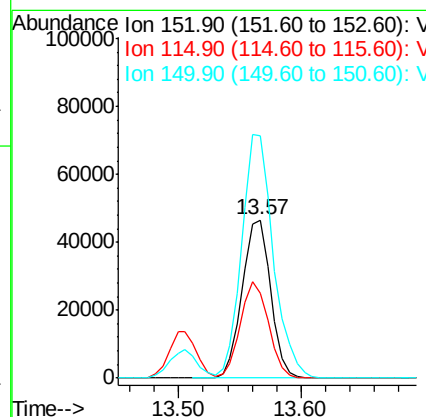
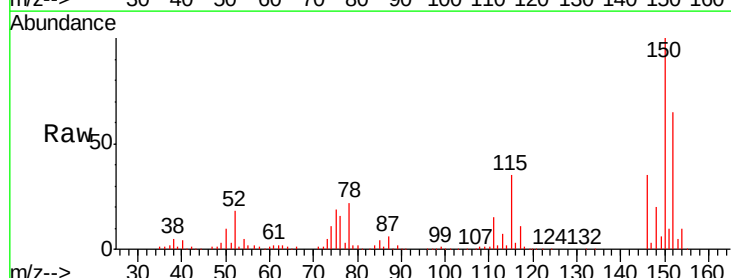
RT: 13.57 min Scan# 1913

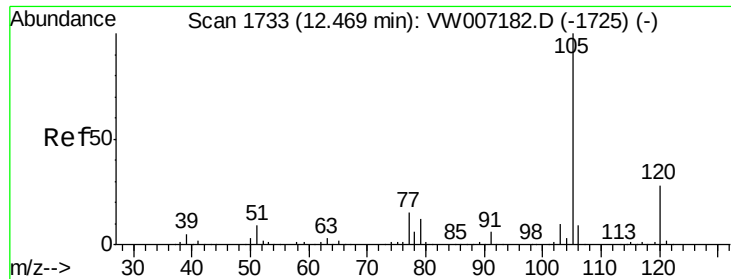
Delta R.T. 0.01 min

Lab File: VW007186.D

Acq: 04 Dec 2018 14:29

Tgt Ion:	152	Resp:	74967
Ion Ratio	Lower	Upper	
152	100		
115	60.1	31.3	93.8
150	170.8	0.0	358.0





#73

Isopropylbenzene

Concen: 52.260 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007186.D

Acq: 04 Dec 2018 14:29

Instrument :

MSVOA_W

ClientSampleId :

ICVW120418

Tgt Ion: 105 Resp: 318647

Ion Ratio Lower Upper

105 100

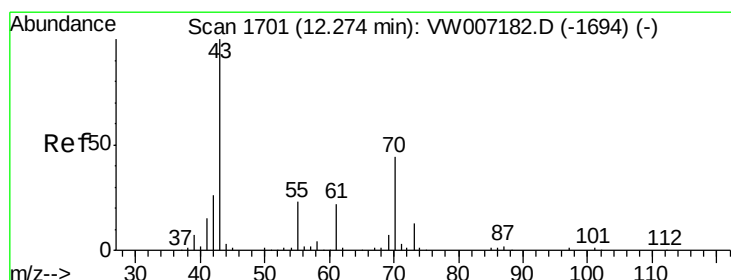
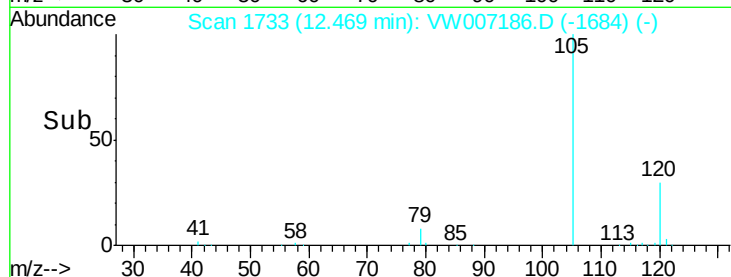
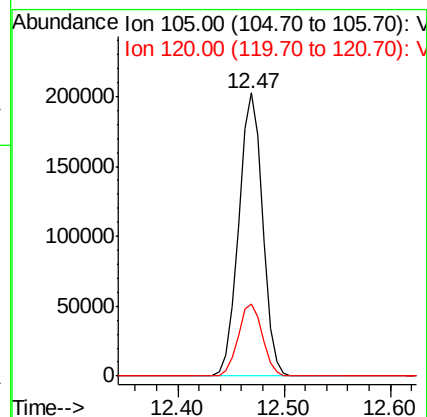
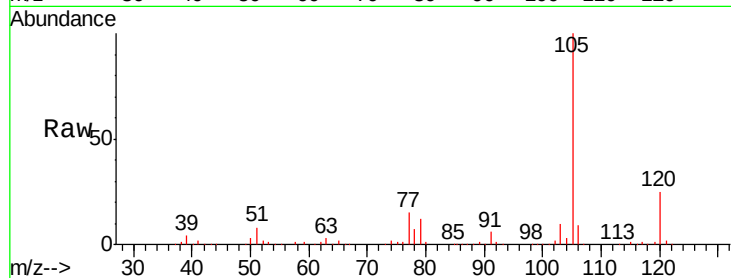
120 26.0 13.2 39.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 54.300 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007186.D

Acq: 04 Dec 2018 14:29

Tgt Ion: 43 Resp: 58701

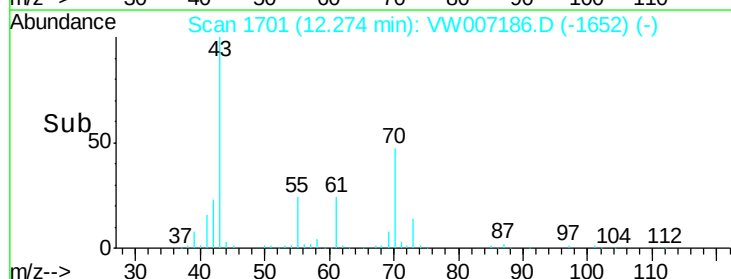
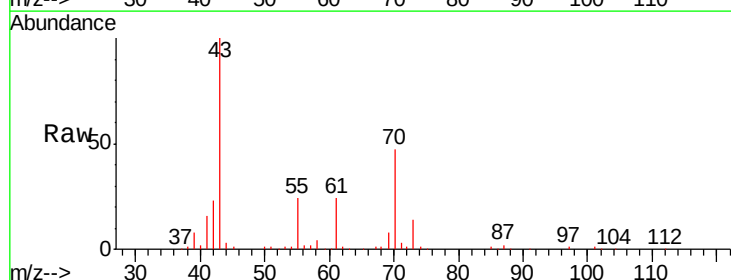
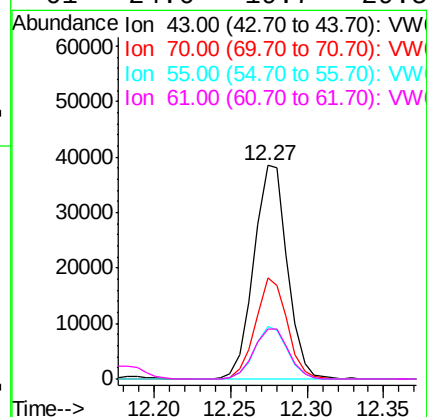
Ion Ratio Lower Upper

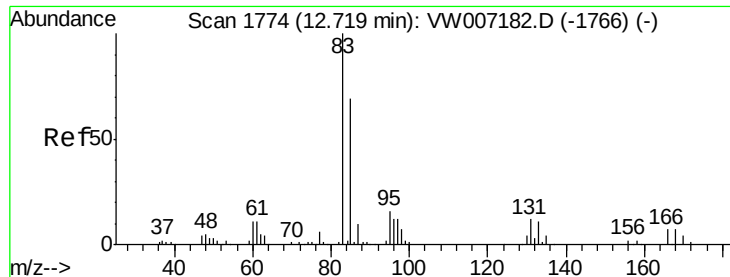
43 100

70 44.7 34.0 51.0

55 24.3 19.0 28.6

61 24.6 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 54.663 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007186.D

Acq: 04 Dec 2018 14:29

Instrument :

MSVOA_W

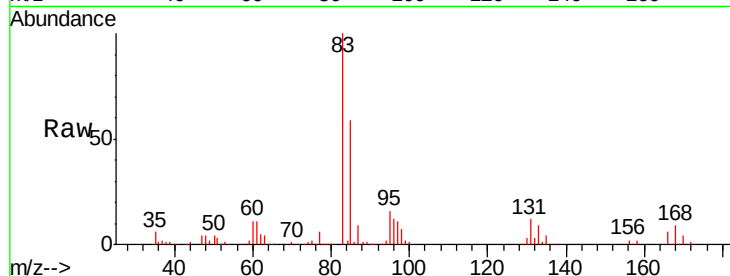
ClientSampleId :

ICVW120418

Tgt Ion:	83	Resp:	43286
Ion Ratio	Lower	Upper	
83	100		
131	11.6	6.0	18.1
85	62.6	33.0	99.0

Manual Integrations
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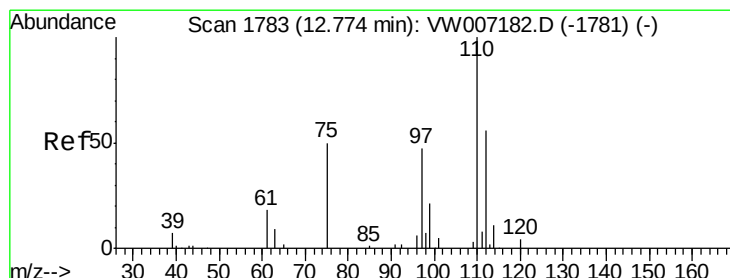
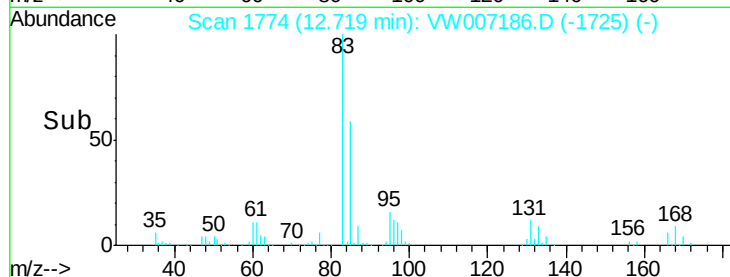
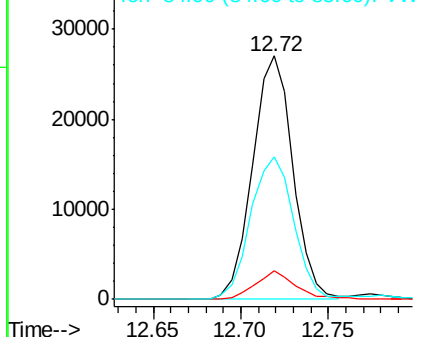
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Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 30.045 ug/l m

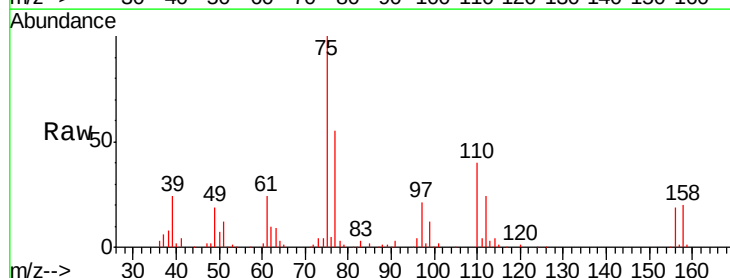
RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW007186.D

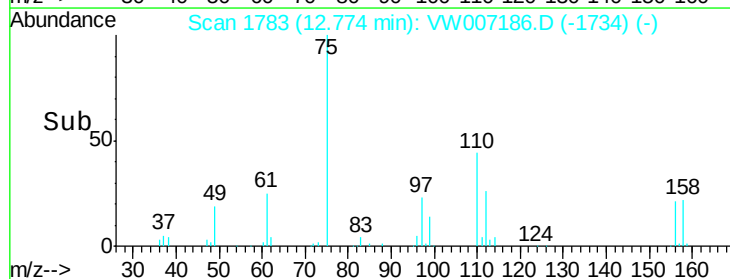
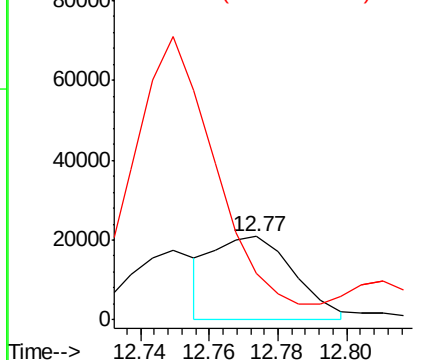
Acq: 04 Dec 2018 14:29

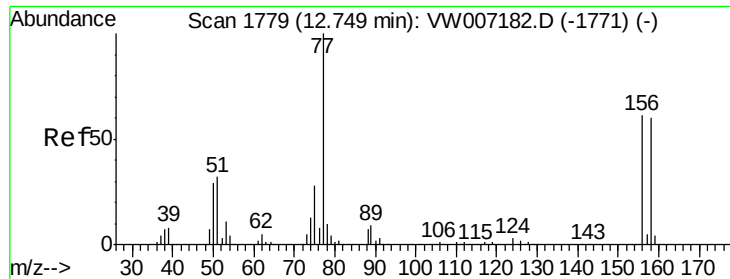
Tgt Ion:	75	Resp:	33848
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 51.274 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007186.D

Acq: 04 Dec 2018 14:29

Instrument :

MSVOA_W

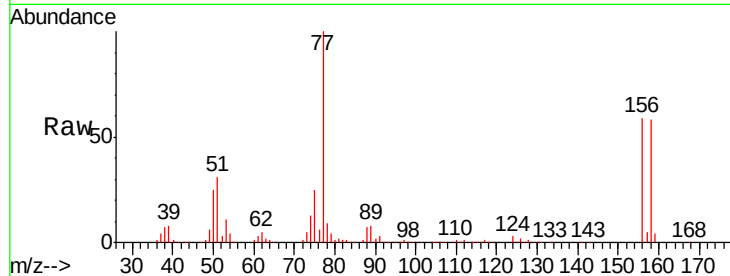
ClientSampleId :

ICVW120418

Tgt Ion	Resp	Lower	Upper
156	67483		
156	100		
77	180.4	92.0	276.1
158	96.4	49.0	147.0

Manual Integrations
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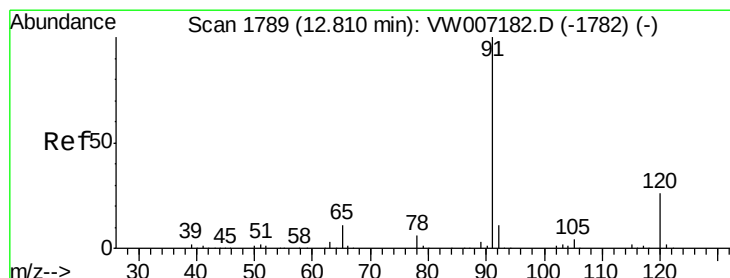
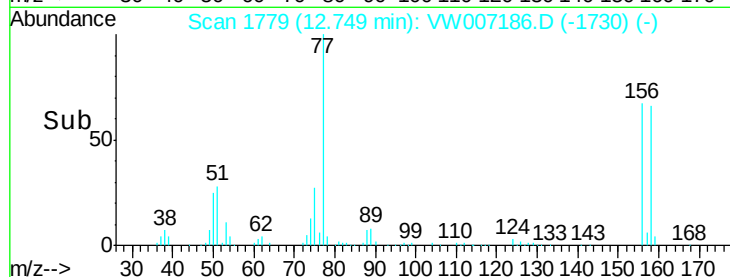
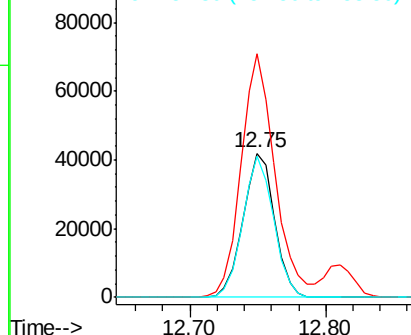
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.262 ug/l

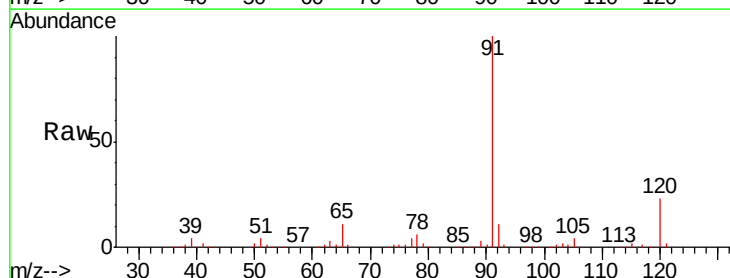
RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007186.D

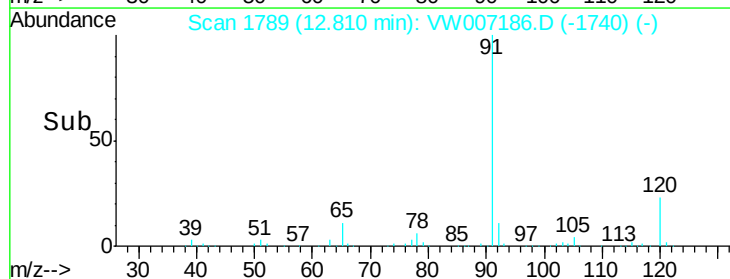
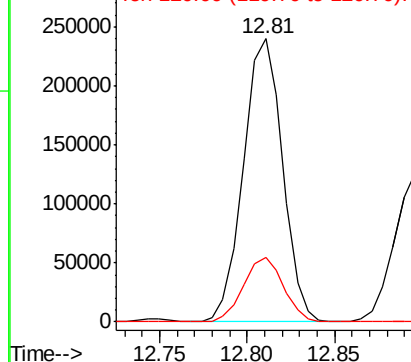
Acq: 04 Dec 2018 14:29

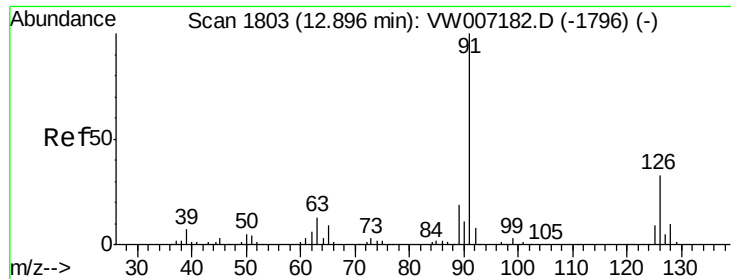
Tgt Ion	Resp	Lower	Upper
91	372374		
91	100		
120	23.3	12.5	37.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.925 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007186.D

Acq: 04 Dec 2018 14:29

Instrument :

MSVOA_W

ClientSampled :

ICVW120418

Tgt Ion: 91 Resp: 204797

Ion Ratio Lower Upper

91 100

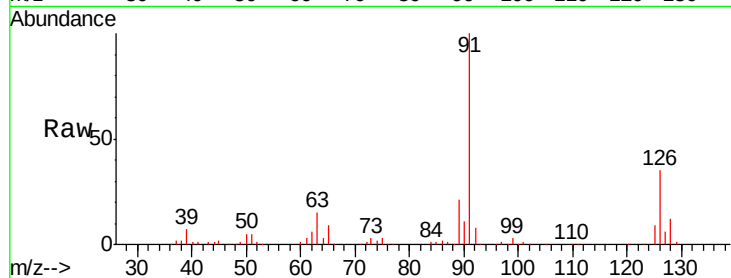
126 34.5 16.7 50.1

Manual Integrations

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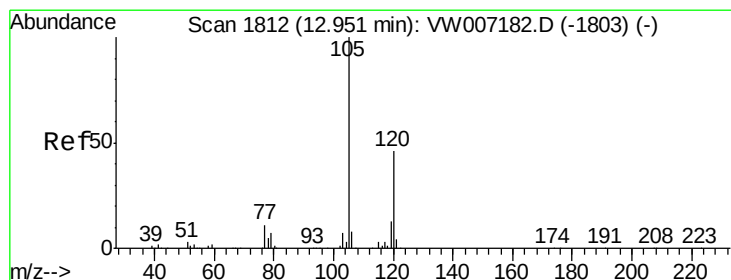
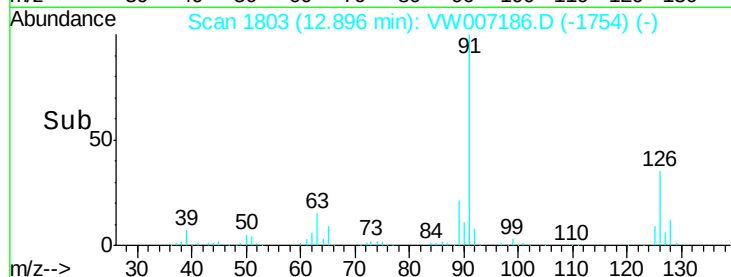
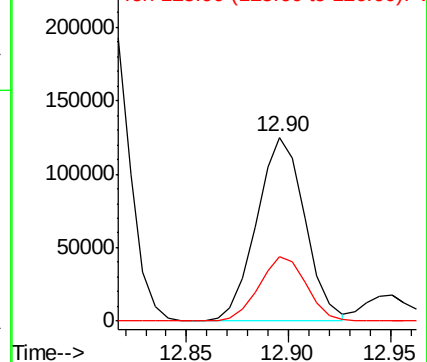
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.594 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW007186.D

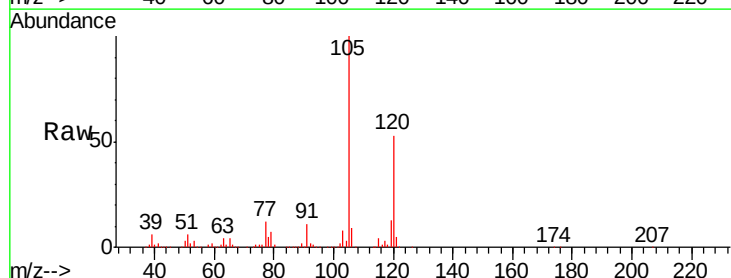
Acq: 04 Dec 2018 14:29

Tgt Ion: 105 Resp: 258690

Ion Ratio Lower Upper

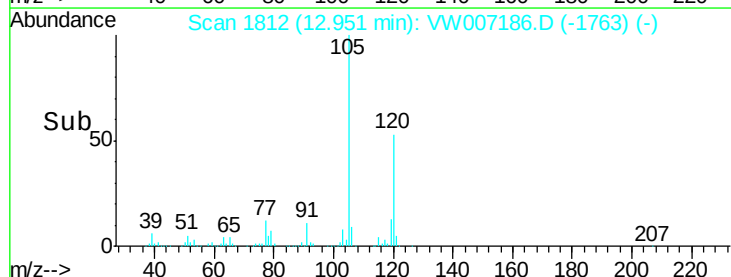
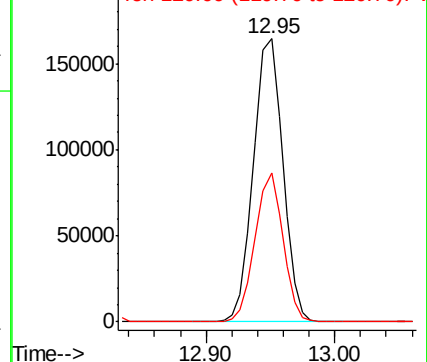
105 100

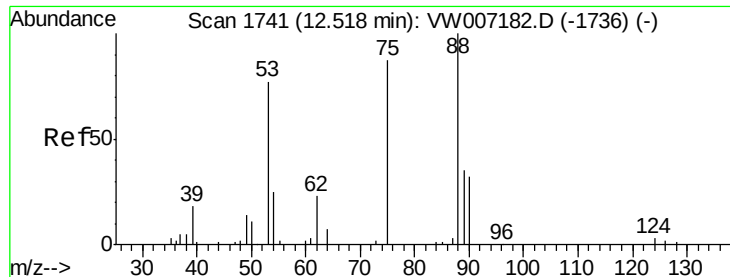
120 49.9 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





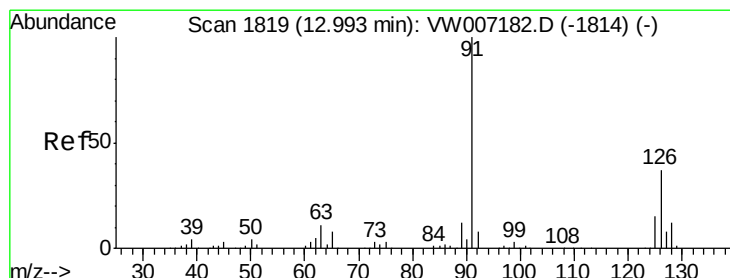
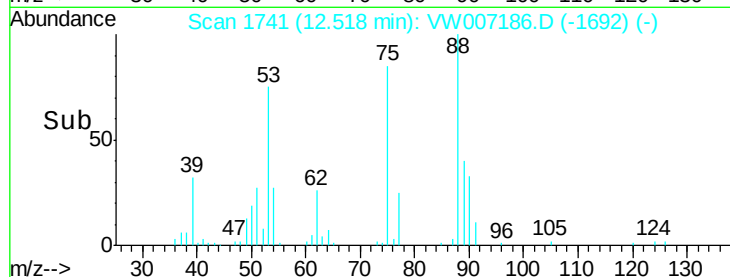
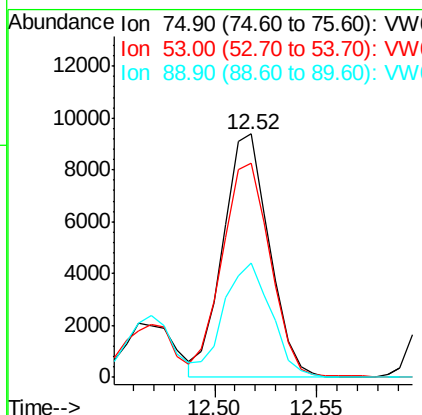
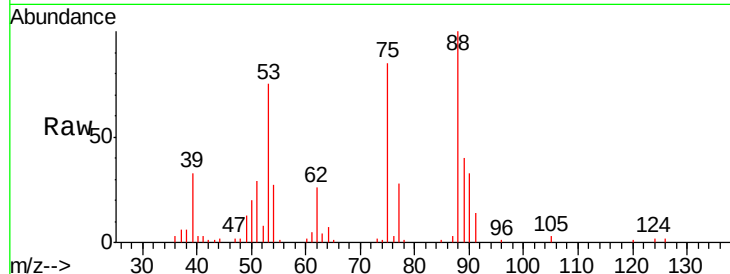
#81
trans-1,4-Dichloro-2-butene
Concen: 54.749 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007186.D
Acq: 04 Dec 2018 14:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW120418

Tgt Ion	Ratio	Lower	Upper
75	100		
53	92.4	72.8	109.2
89	48.6	36.4	54.6

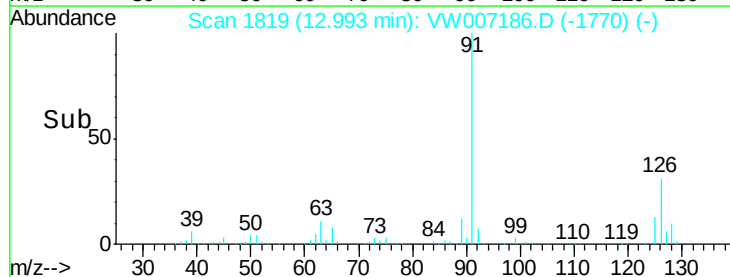
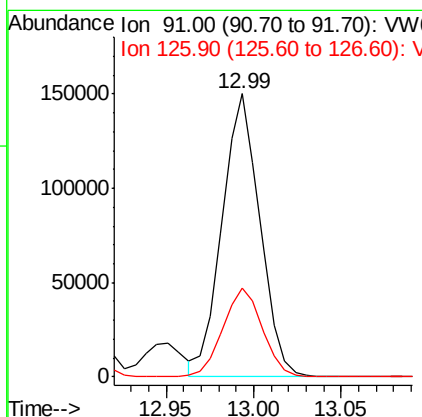
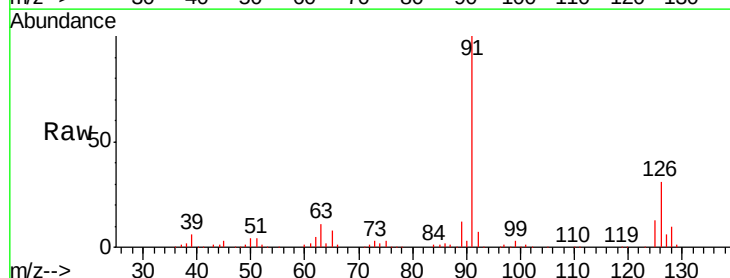
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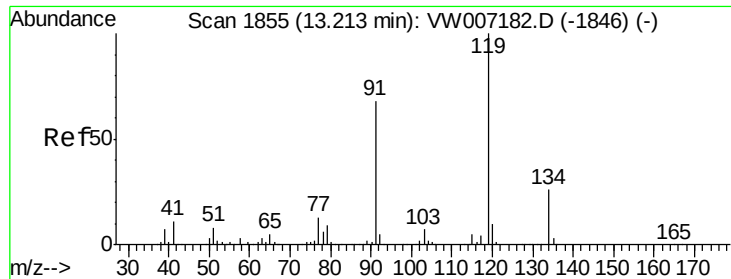
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#82
4-Chlorotoluene
Concen: 51.456 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007186.D
Acq: 04 Dec 2018 14:29

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.6	17.4	52.3





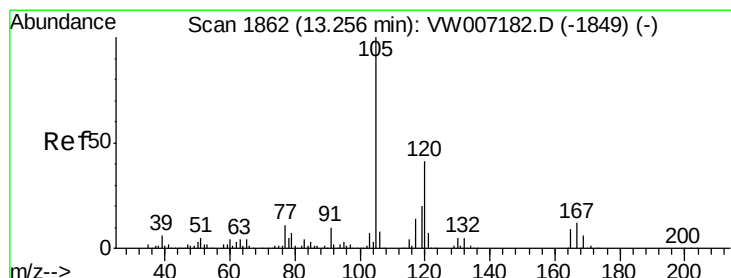
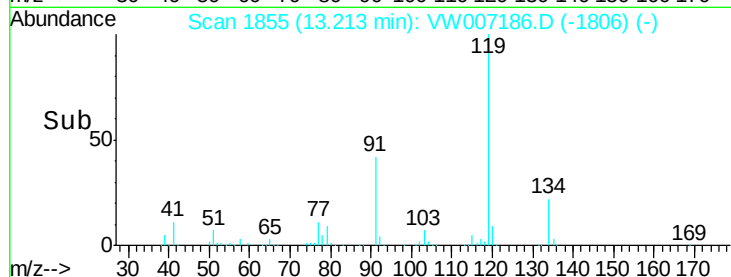
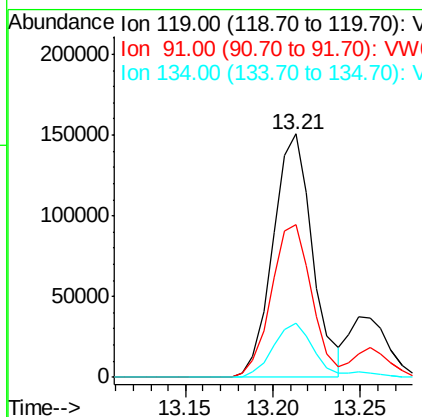
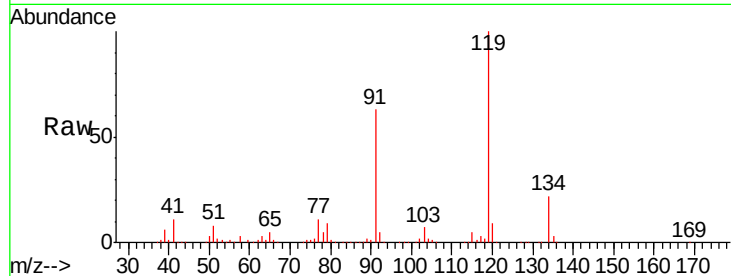
#83
tert-Butylbenzene
Concen: 52.073 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007186.D
Acq: 04 Dec 2018 14:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW120418

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	237365		
91	64.2	34.0	101.8	
134	24.3	13.2	39.5	

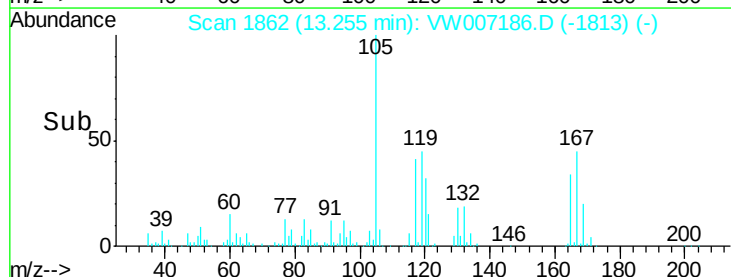
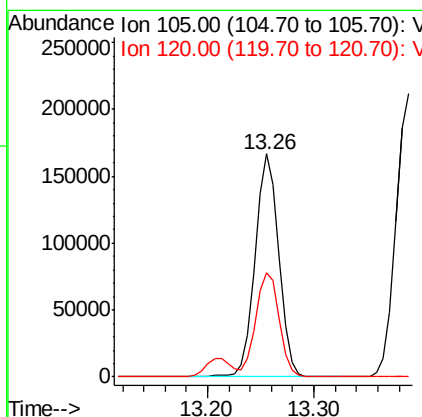
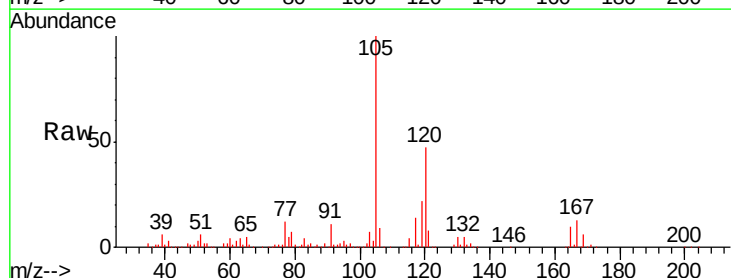
Manual Integrations
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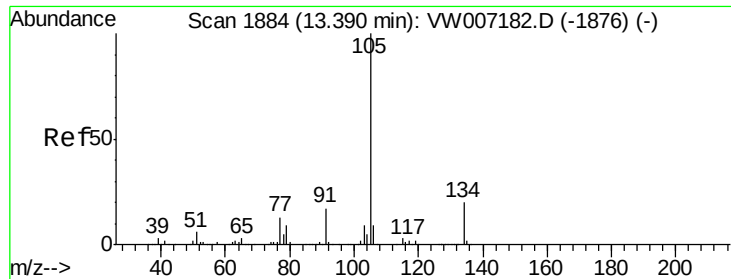
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#84
1,2,4-Trimethylbenzene
Concen: 48.880 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007186.D
Acq: 04 Dec 2018 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	260261		
120	46.0	21.1	63.3	





#85

sec-Butylbenzene

Concen: 50.577 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW007186.D

Acq: 04 Dec 2018 14:29

Instrument :

MSVOA_W

ClientSampleId :

ICVW120418

Tgt Ion:105 Resp: 329128

Ion Ratio Lower Upper

105 100

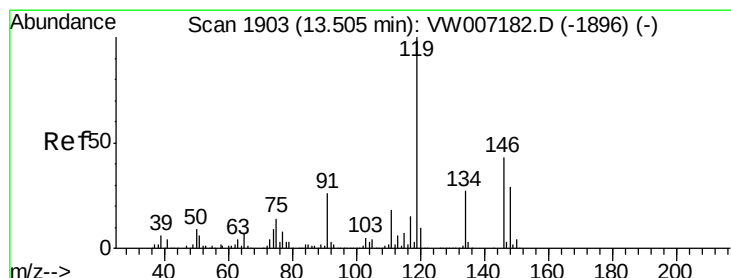
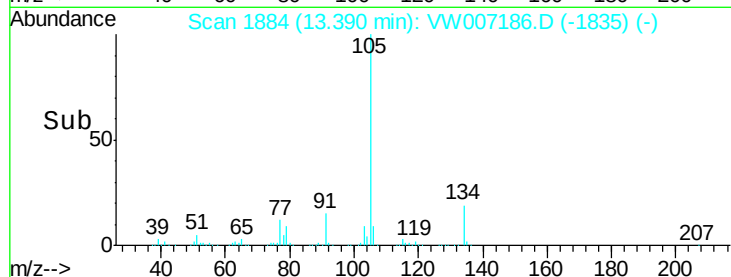
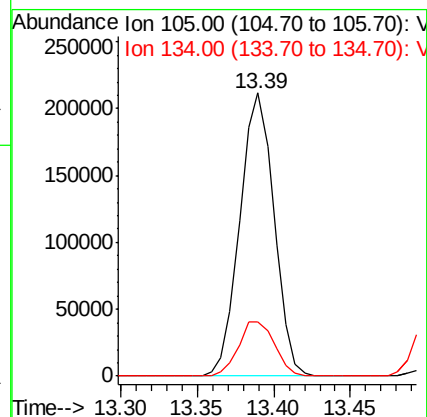
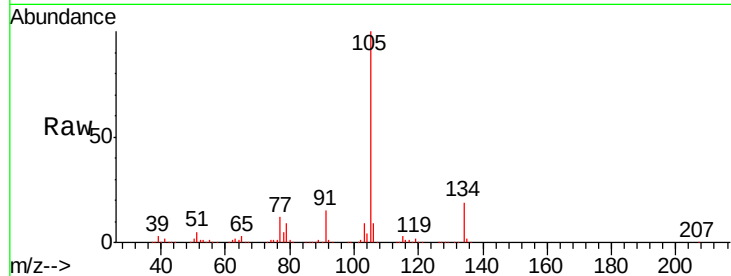
134 20.3 10.3 30.8

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 51.182 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW007186.D

Acq: 04 Dec 2018 14:29

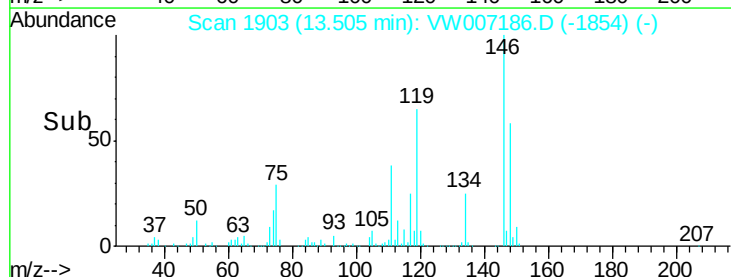
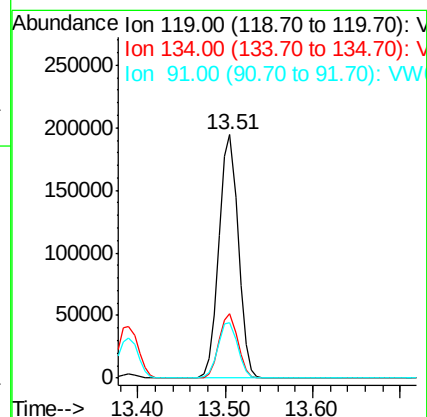
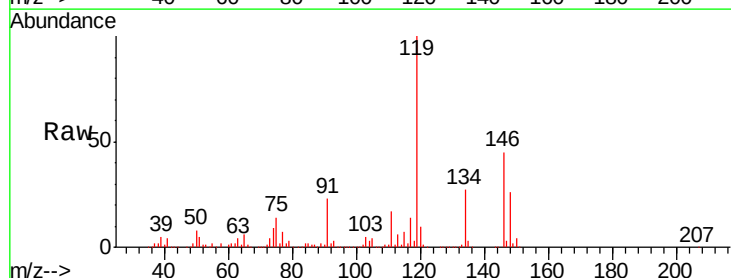
Tgt Ion:119 Resp: 296496

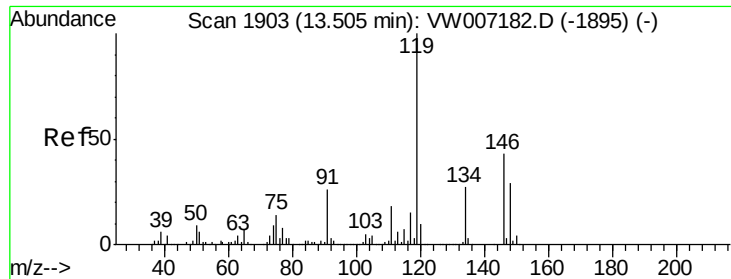
Ion Ratio Lower Upper

119 100

134 26.0 13.2 39.6

91 23.3 12.4 37.2





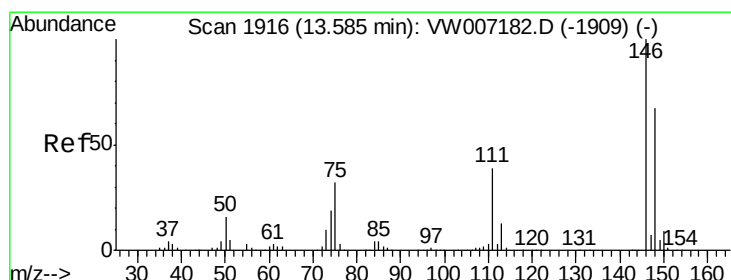
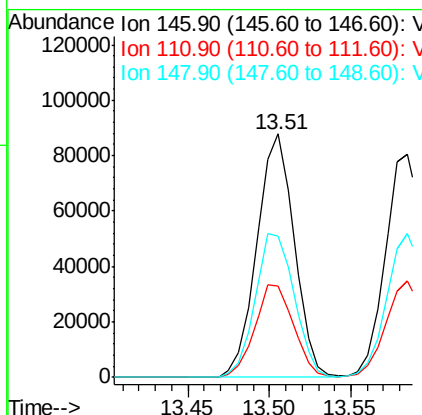
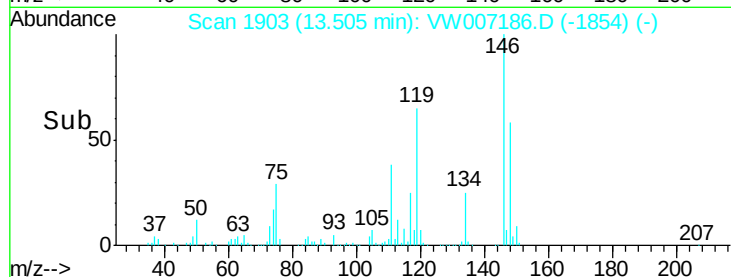
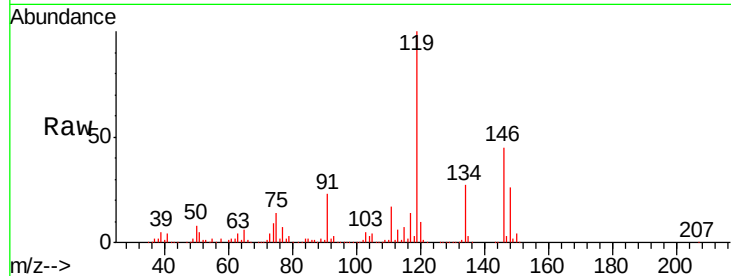
#87
 1,3-Dichlorobenzene
 Concen: 51.647 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007186.D
 Acq: 04 Dec 2018 14:29

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVW120418

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	21.1	63.4
148	62.0	32.8	98.4

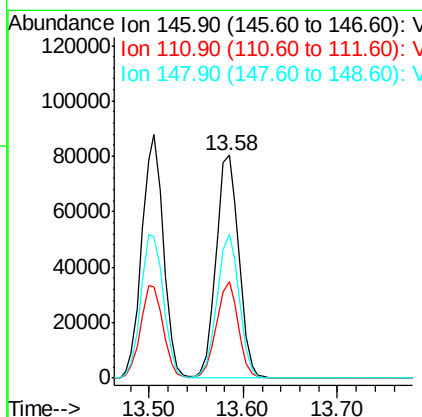
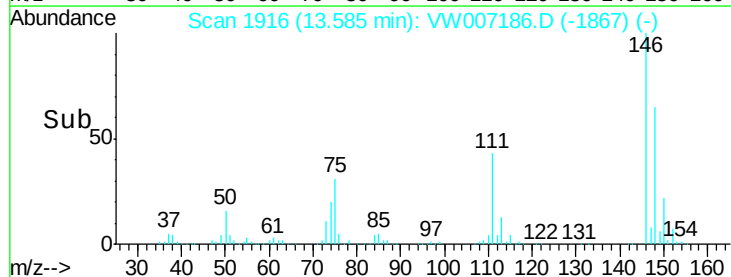
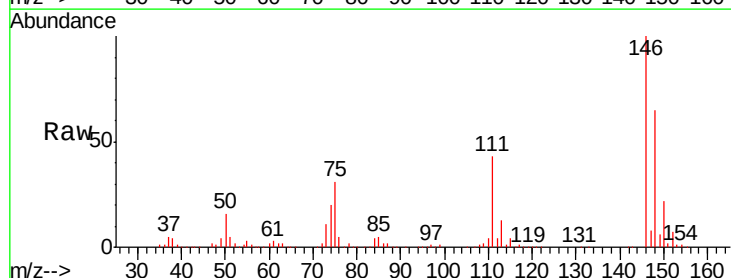
Manual Integrations
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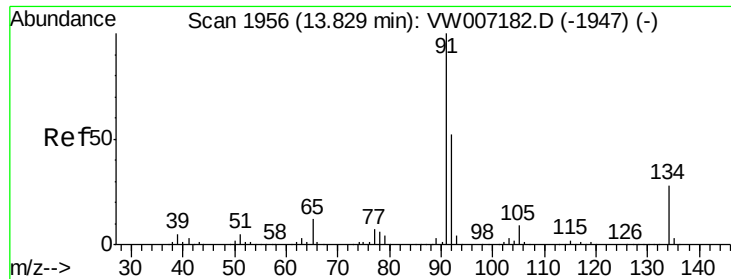
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#88
 1,4-Dichlorobenzene
 Concen: 49.433 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007186.D
 Acq: 04 Dec 2018 14:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	19.6	58.8
148	62.7	32.6	98.0





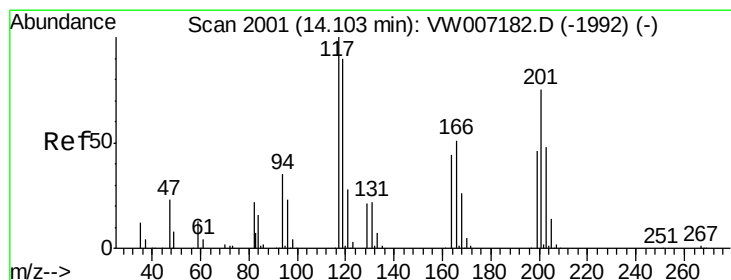
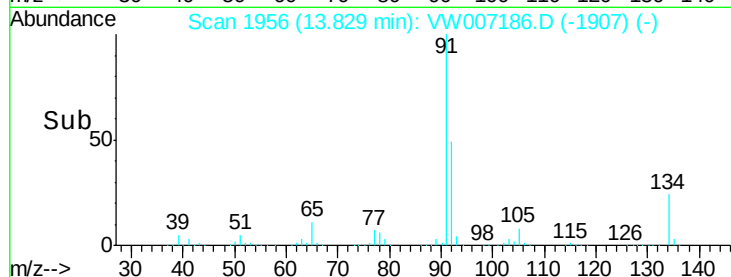
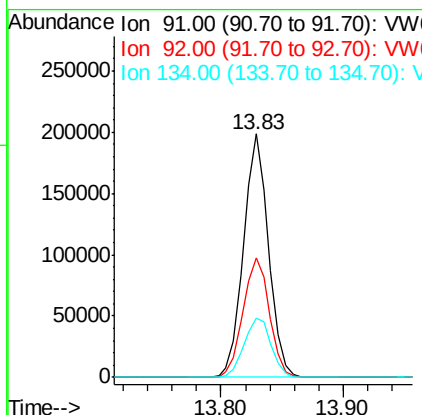
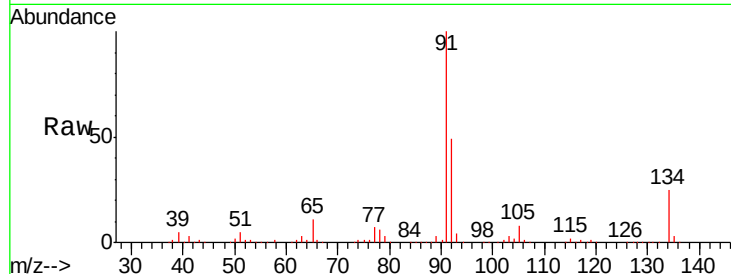
#89
n-Butylbenzene
Concen: 51.734 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007186.D
Acq: 04 Dec 2018 14:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW120418

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.5	79.5
134	26.5	14.1	42.2

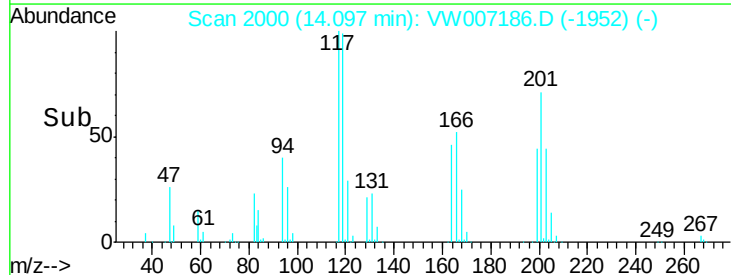
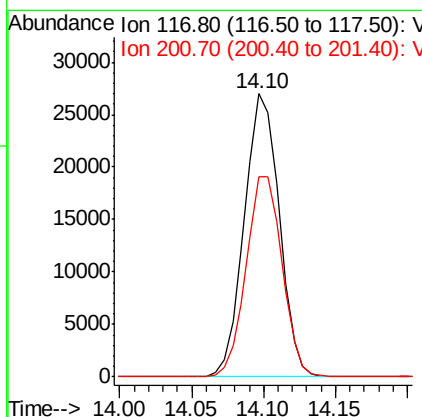
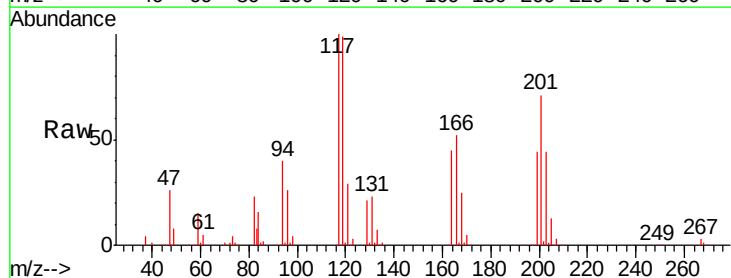
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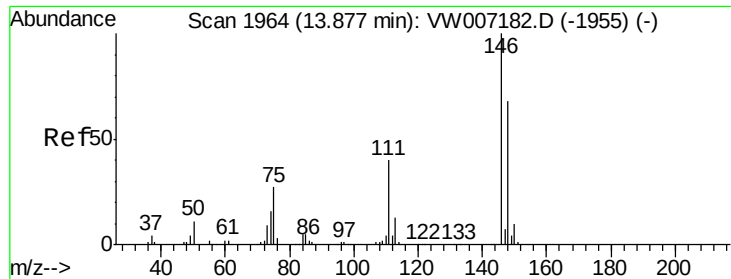
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#90
Hexachloroethane
Concen: 51.425 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW007186.D
Acq: 04 Dec 2018 14:29

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.6	36.0	108.1





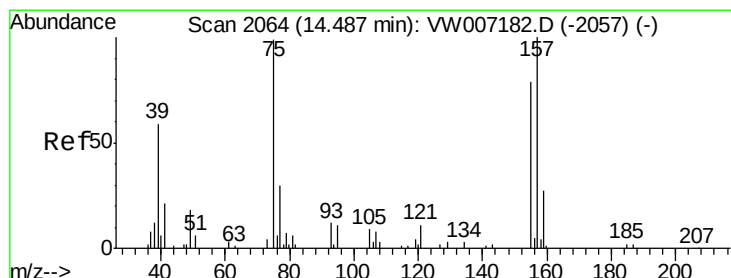
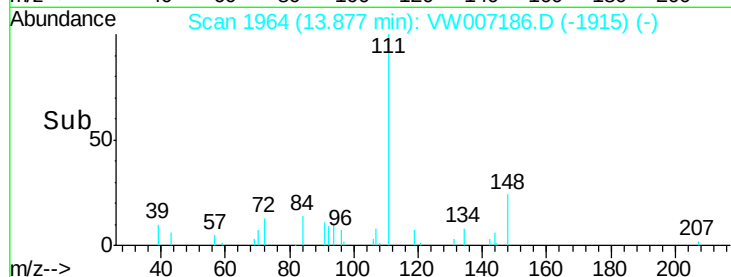
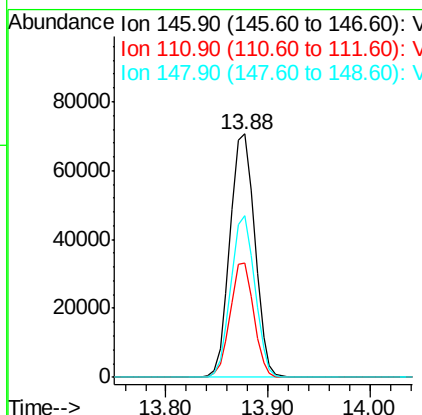
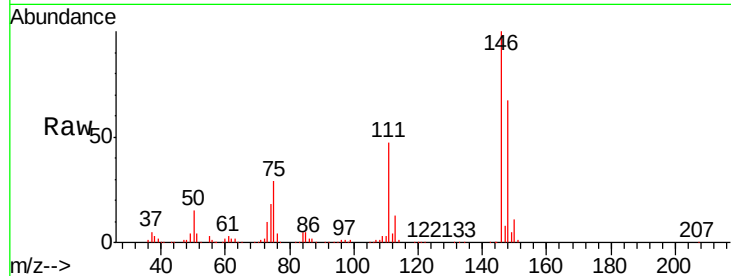
#91
 1,2-Dichlorobenzene
 Concen: 50.927 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW007186.D
 Acq: 04 Dec 2018 14:29

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW120418

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.2	21.6	65.0
148	64.4	32.7	98.1

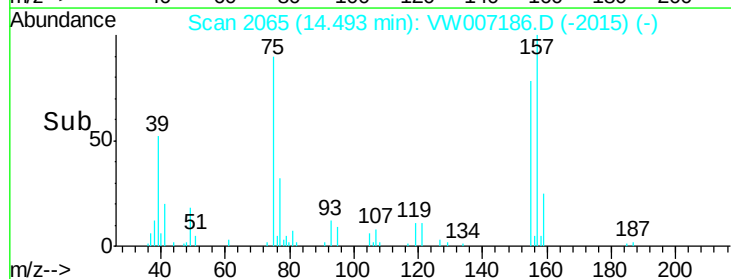
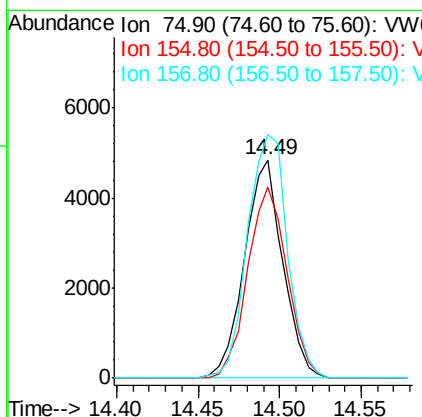
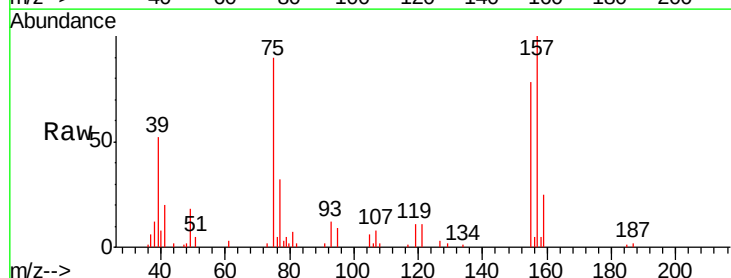
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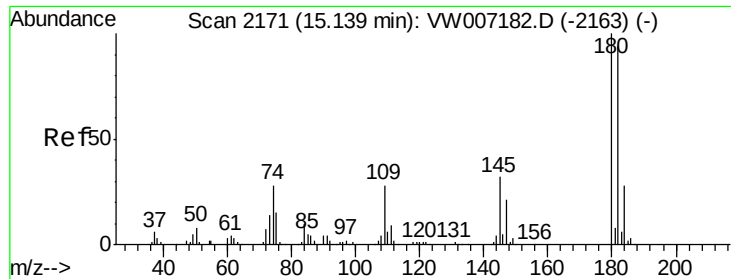
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.721 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW007186.D
 Acq: 04 Dec 2018 14:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.2	42.4	127.2
157	116.1	55.3	165.9





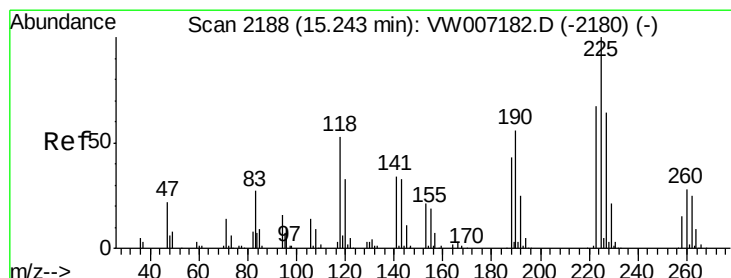
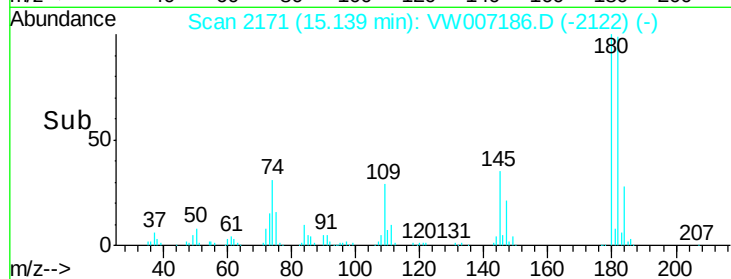
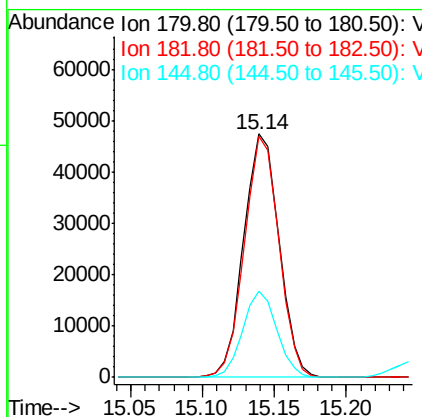
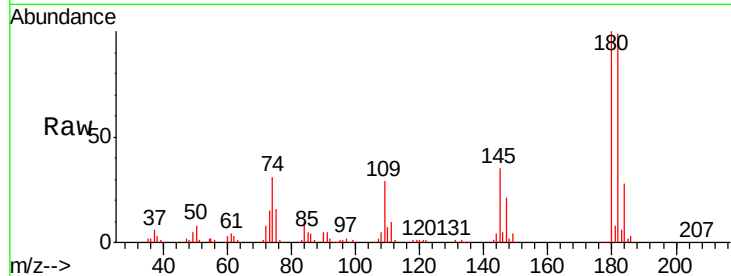
#93
 1,2,4-Trichlorobenzene
 Concen: 49.809 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007186.D
 Acq: 04 Dec 2018 14:29

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW120418

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	80737		
182	96.3	47.9	143.8	
145	34.0	16.6	49.7	

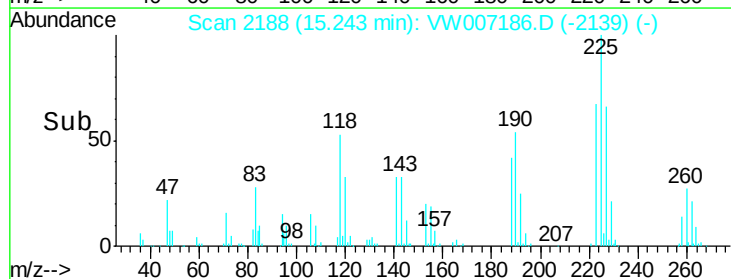
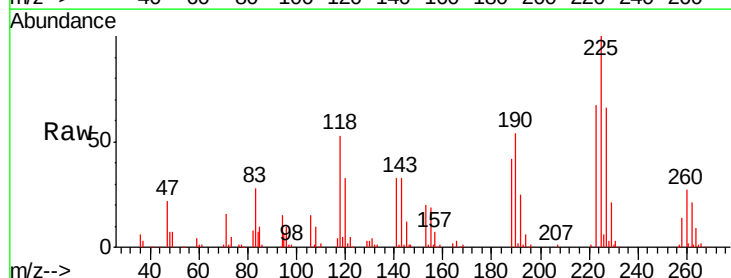
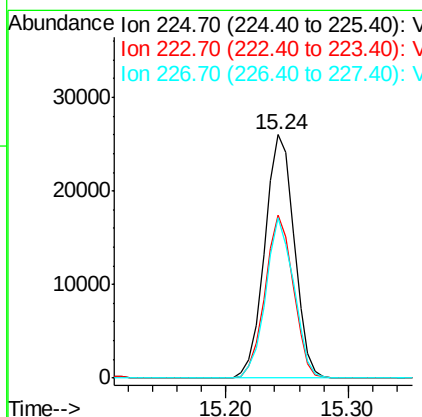
Manual Integrations
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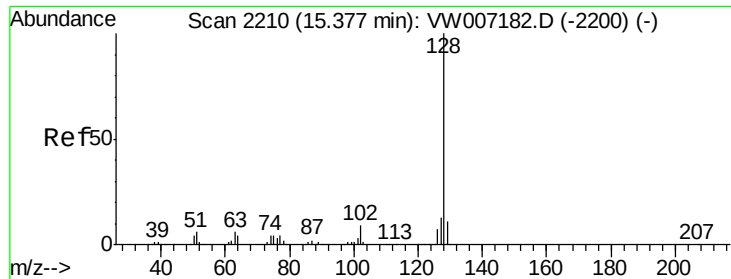
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#94
 Hexachlorobutadiene
 Concen: 49.949 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007186.D
 Acq: 04 Dec 2018 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	43660		
223	64.3	32.3	96.8	
227	62.9	32.1	96.3	





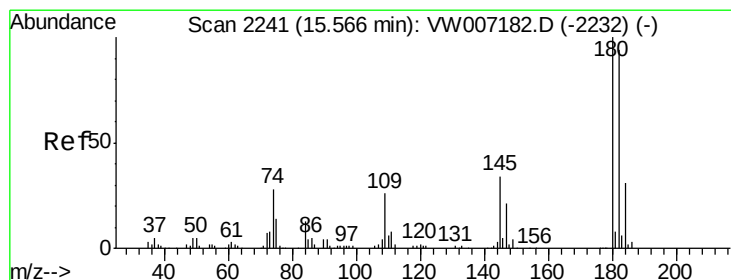
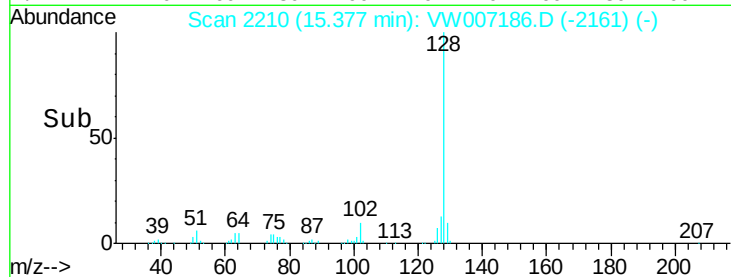
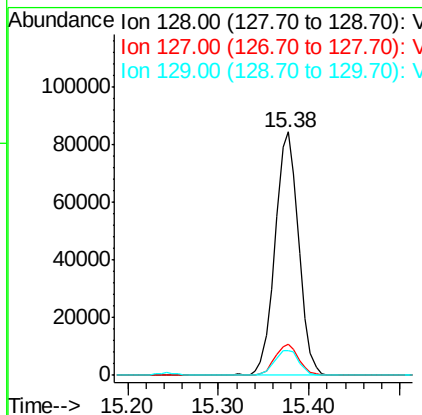
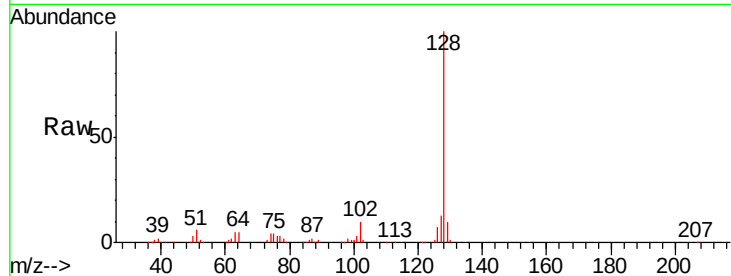
#95
Naphthalene
Concen: 52.167 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007186.D
Acq: 04 Dec 2018 14:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW120418

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	151548		
127	12.8	10.3	15.5	
129	10.7	8.6	13.0	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 49.320 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007186.D
Acq: 04 Dec 2018 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	67411		
182	95.8	47.4	142.2	
145	34.9	17.6	52.8	

