

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111718\
 Data File : VW006934.D
 Acq On : 17 Nov 2018 01:00
 Operator : SY/AP
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Manual Integrations
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Quant Time: Nov 17 04:32:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 17 01:21:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	110466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	184983	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	172638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	82115	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	114784	128.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	257.94%	
35) Dibromofluoromethane	7.89	113	107611	96.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.92%	
50) Toluene-d8	10.33	98	456660	98.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.38%	
62) 4-Bromofluorobenzene	12.62	95	173635	100.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.76%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.00	85	94548	100.75	ug/l	99
3) Chloromethane	2.21	50	86216	84.60	ug/l	96
4) Vinyl Chloride	2.36	62	83757	78.23	ug/l	97
5) Bromomethane	2.78	94	40583	58.09	ug/l	99
6) Chloroethane	2.92	64	46503	67.92	ug/l	91
7) Trichlorofluoromethane	3.26	101	163391	108.41	ug/l	100
8) Diethyl Ether	3.69	74	56975	123.45	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	99152	97.65	ug/l	98
10) Methyl Iodide	4.28	142	140756	102.10	ug/l	99
11) Tert butyl alcohol	5.21	59	40381	693.26	ug/l #	85
12) 1,1-Dichloroethene	4.04	96	95757	110.47	ug/l	98
13) Acrolein	3.90	56	42325	695.57	ug/l	99
14) Allyl chloride	4.68	41	171624	141.34	ug/l	98
15) Acrylonitrile	5.38	53	119289	677.51	ug/l	98
16) Acetone	4.15	43	87987	685.08	ug/l	97
17) Carbon Disulfide	4.38	76	315199	115.01	ug/l	97
18) Methyl Acetate	4.68	43	60715	137.72	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	274362	127.81	ug/l	100
20) Methylene Chloride	4.93	84	119503	89.20	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	112212	109.65	ug/l	96
22) Diisopropyl ether	6.32	45	338422	135.30	ug/l	99
23) Vinyl Acetate	6.26	43	941390	668.34	ug/l	100
24) 1,1-Dichloroethane	6.23	63	201319	124.94	ug/l	99
25) 2-Butanone	7.18	43	140178	649.85	ug/l	99
26) 2,2-Dichloropropane	7.17	77	161604	102.76	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	127765	116.23	ug/l	99
28) Bromochloromethane	7.52	49	71112	125.34	ug/l #	99
29) Tetrahydrofuran	7.54	42	93382	676.24	ug/l	99
30) Chloroform	7.68	83	208265	119.24	ug/l	98
31) Cyclohexane	7.96	56	173933	106.66	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	179851	108.47	ug/l	99
36) 1,1-Dichloropropene	8.09	75	159430	91.99	ug/l	98
37) Ethyl Acetate	7.26	43	65065	109.91	ug/l	100
38) Carbon Tetrachloride	8.07	117	155644	84.05	ug/l	96

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	199938	89.97	ug/l	99
40) Benzene	8.33	78	468167	96.69	ug/l	100
41) Methacrylonitrile	7.49	41	38775	106.16	ug/l	92
42) 1,2-Dichloroethane	8.40	62	134121	101.81	ug/l	100
43) Isopropyl Acetate	8.43	43	134744	116.86	ug/l	99
44) Trichloroethene	9.10	130	124492	83.46	ug/l	98
45) 1,2-Dichloropropane	9.37	63	115165	100.88	ug/l	99
46) Dibromomethane	9.46	93	58057	92.74	ug/l	99
47) Bromodichloromethane	9.65	83	152051	97.14	ug/l	98
48) Methyl methacrylate	9.44	41	64550	115.08	ug/l	97
49) 1,4-Dioxane	9.47	88	17805	1874.55	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	318663	553.12	ug/l	99
52) Toluene	10.39	92	309686	91.16	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	160546	104.15	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	185049	101.16	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	85525	92.04	ug/l	97
56) Ethyl methacrylate	10.65	69	112797	108.70	ug/l	97
57) 1,3-Dichloropropane	10.93	76	147658	99.30	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	267095	522.49	ug/l	99
59) 2-Hexanone	10.97	43	219850	556.34	ug/l	99
60) Dibromochloromethane	11.13	129	105039	93.44	ug/l	98
61) 1,2-Dibromoethane	11.24	107	81945	93.29	ug/l	100
64) Tetrachloroethene	10.87	164	105705	79.19	ug/l	99
65) Chlorobenzene	11.66	112	343874	90.46	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	112267	91.27	ug/l	99
67) Ethyl Benzene	11.74	91	622895	95.45	ug/l	98
68) m/p-Xylenes	11.84	106	477428	180.47	ug/l	100
69) o-Xylene	12.17	106	227336	92.10	ug/l	100
70) Styrene	12.18	104	371939	93.93	ug/l	99
71) Bromoform	12.35	173	54367	82.97	ug/l #	100
73) Isopropylbenzene	12.47	105	618992	106.38	ug/l	100
74) N-amyl acetate	12.28	43	125474	134.48	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	89147	109.79	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	59236m	95.58	ug/l	
77) Bromobenzene	12.75	156	132161	92.34	ug/l	99
78) n-propylbenzene	12.81	91	739347	107.35	ug/l	100
79) 2-Chlorotoluene	12.90	91	432696	111.13	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	536194	107.26	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	28790	116.17	ug/l	98
82) 4-Chlorotoluene	12.99	91	455430	109.74	ug/l	100
83) tert-Butylbenzene	13.21	119	450361	102.71	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	540304	106.35	ug/l	99
85) sec-Butylbenzene	13.39	105	638659	102.61	ug/l	100
86) p-Isopropyltoluene	13.51	119	559308	99.52	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	261183	89.87	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	261721	90.91	ug/l	100
89) n-Butylbenzene	13.83	91	542940	104.81	ug/l	99
90) Hexachloroethane	14.10	117	95994	106.19	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	233044	91.69	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16013	119.88	ug/l	99

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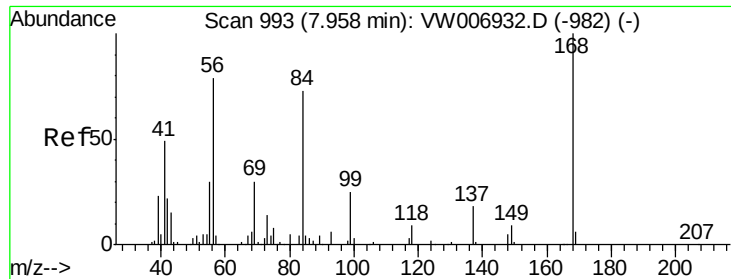
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	152794	81.77	ug/l	100
94) Hexachlorobutadiene	15.24	225	77571	67.26	ug/l	100
95) Naphthalene	15.38	128	305218	104.80	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	131270	81.82	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion:168 Resp: 110466

Ion Ratio Lower Upper

168 100

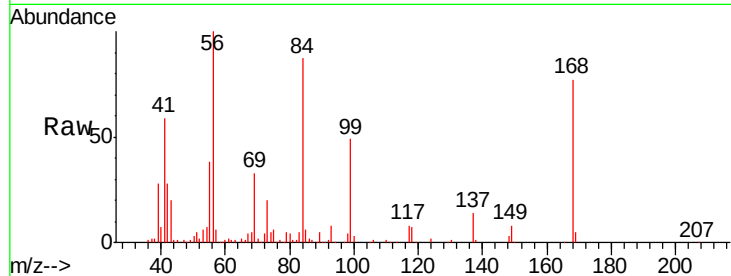
99 63.6 49.3 73.9

Manual Integrations

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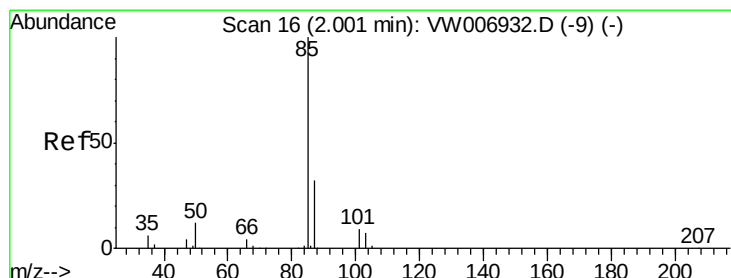
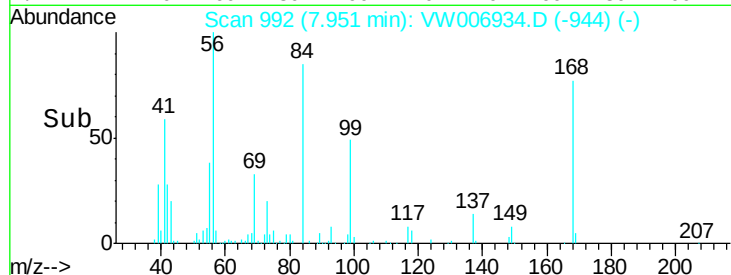
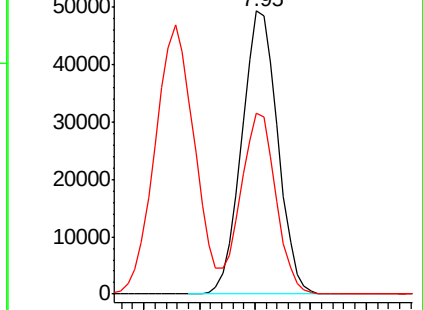
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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 100.75 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW006934.D

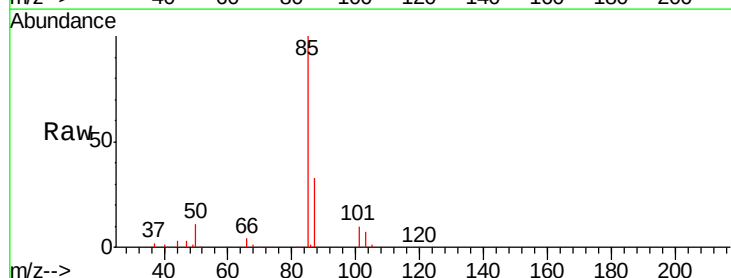
Acq: 17 Nov 2018 01:00

Tgt Ion: 85 Resp: 94548

Ion Ratio Lower Upper

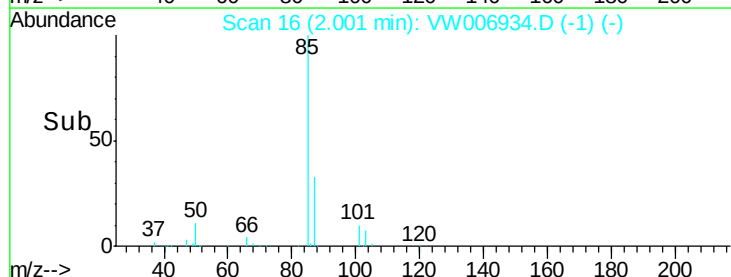
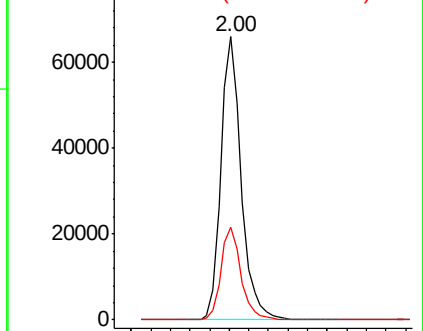
85 100

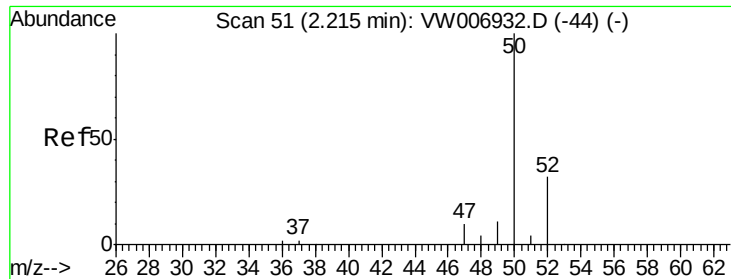
87 32.5 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 84.60 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 50 Resp: 86216

Ion Ratio Lower Upper

50 100

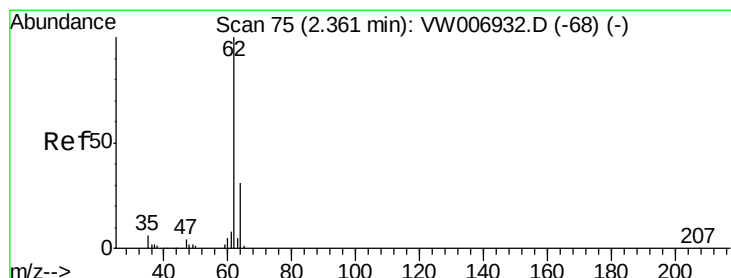
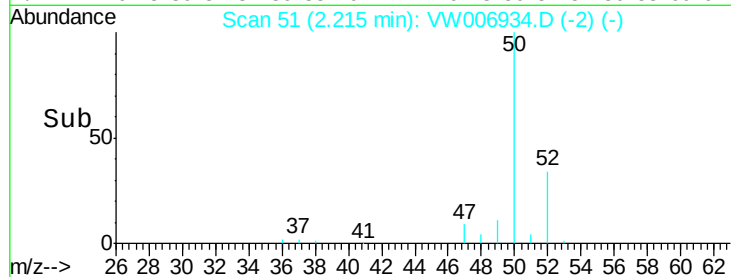
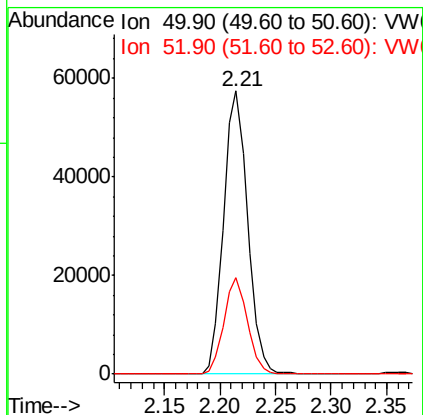
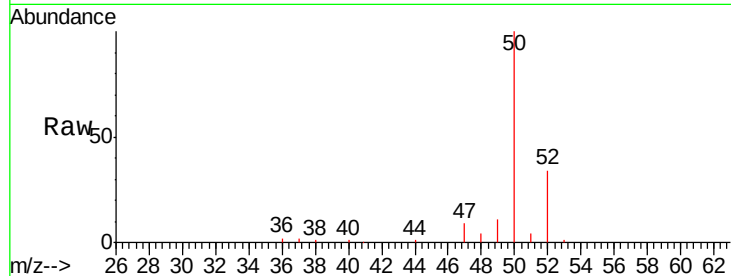
52 34.2 25.4 38.2

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#4

Vinyl Chloride

Concen: 78.23 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW006934.D

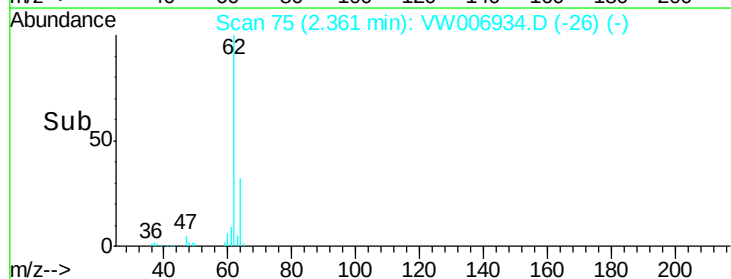
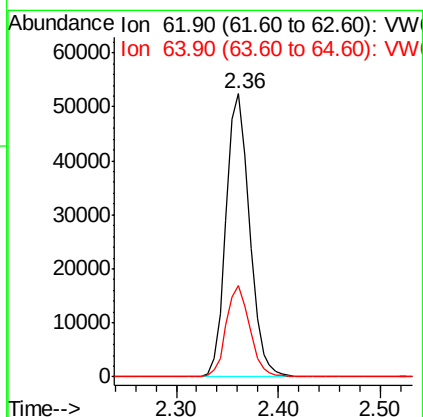
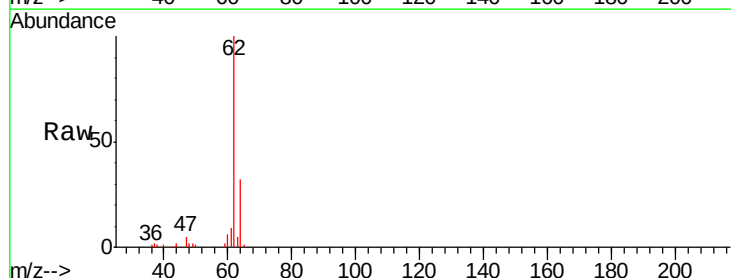
Acq: 17 Nov 2018 01:00

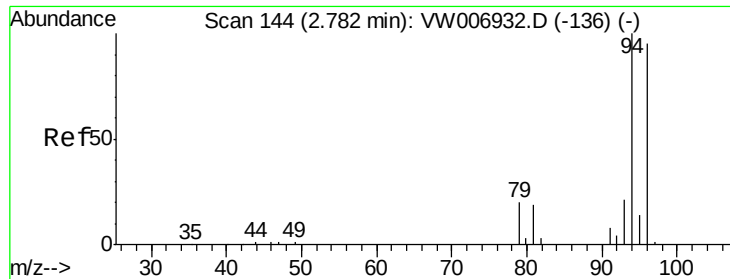
Tgt Ion: 62 Resp: 83757

Ion Ratio Lower Upper

62 100

64 32.5 24.6 37.0





#5

Bromomethane

Concen: 58.09 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 94 Resp: 40583

Ion Ratio Lower Upper

94 100

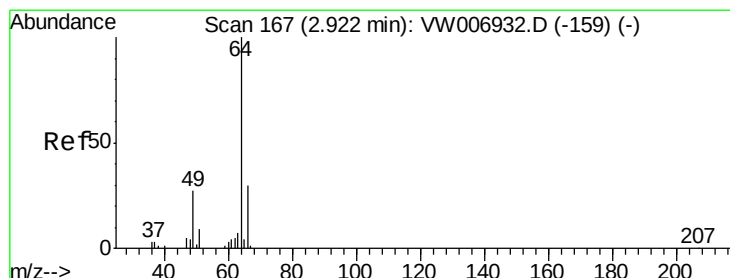
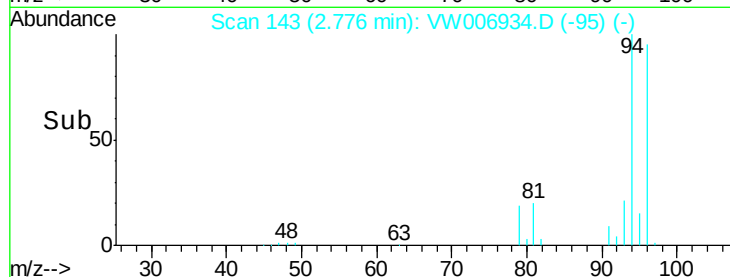
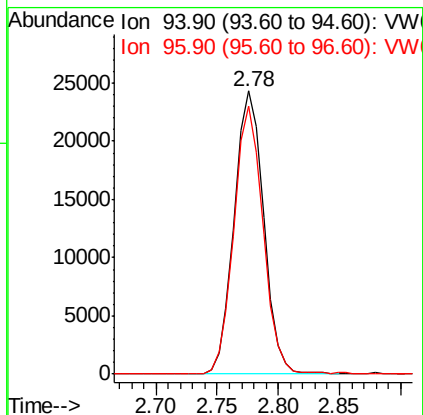
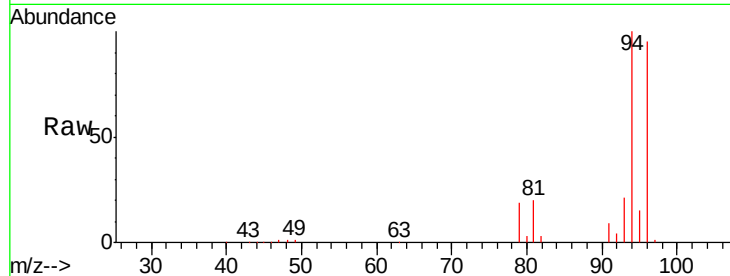
96 94.6 76.2 114.4

Manual Integrations

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#6

Chloroethane

Concen: 67.92 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW006934.D

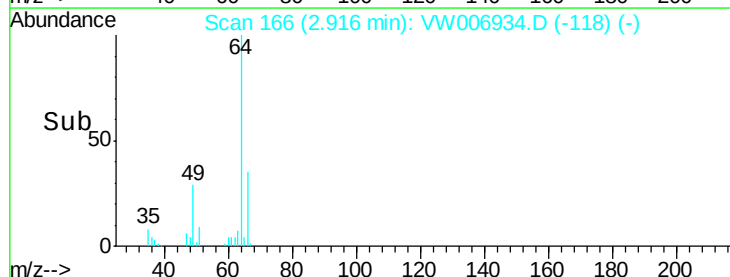
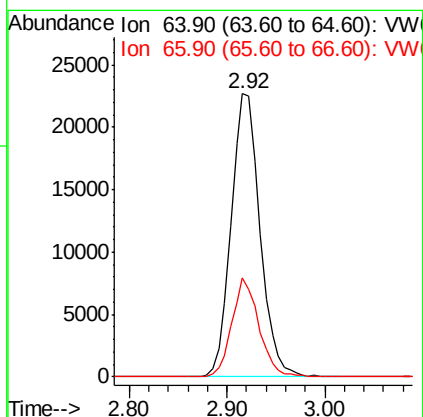
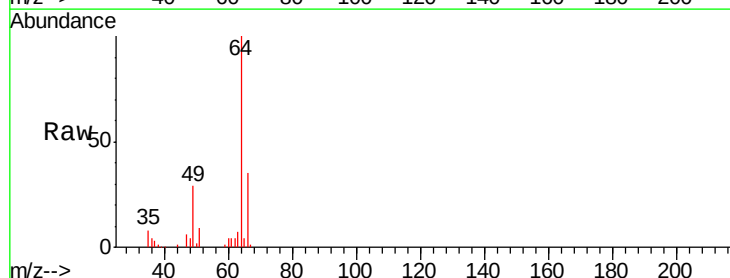
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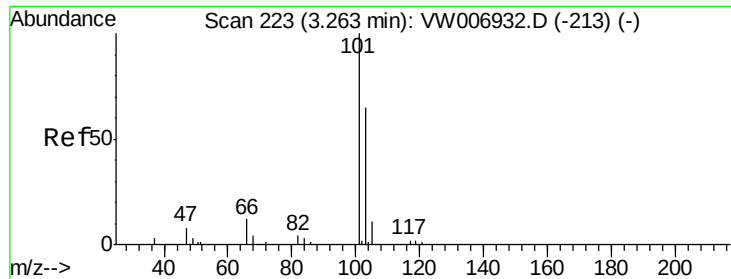
Tgt Ion: 64 Resp: 46503

Ion Ratio Lower Upper

64 100

66 34.9 24.0 36.0





#7

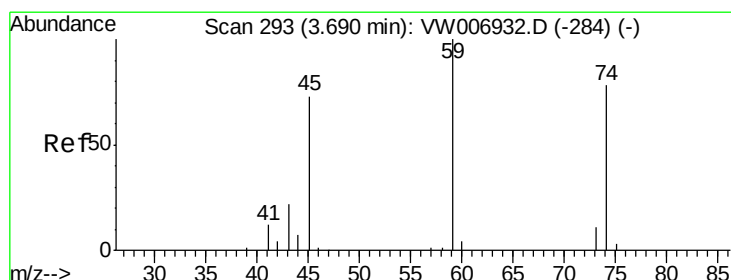
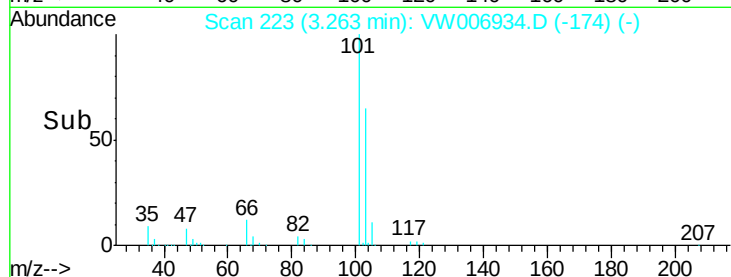
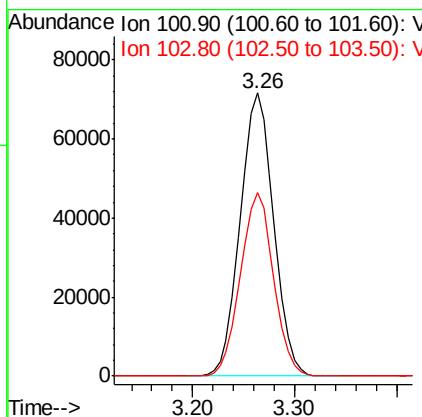
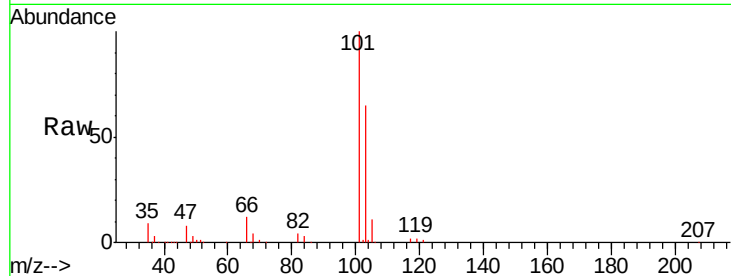
Trichlorofluoromethane
Concen: 108.41 ug/l
RT: 3.26 min Scan# 223
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.2	78.2

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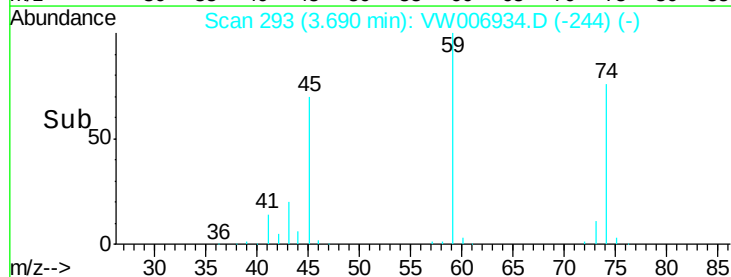
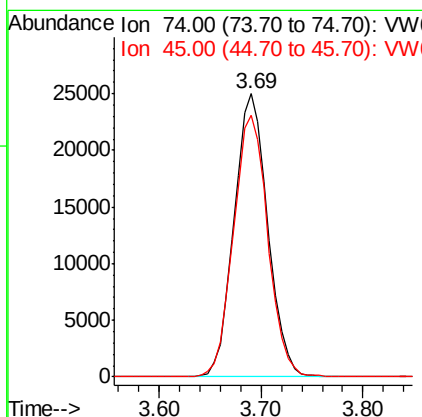
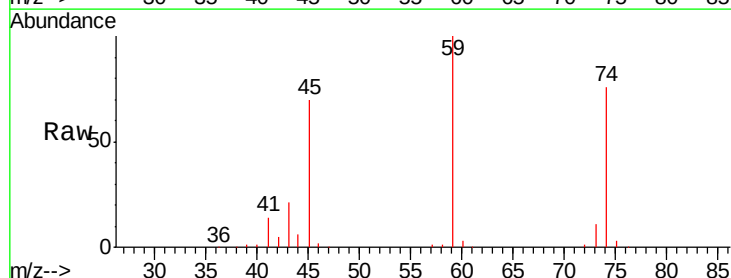
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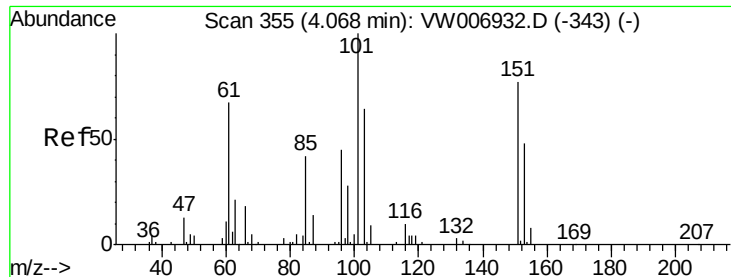


#8

Diethyl Ether
Concen: 123.45 ug/l
RT: 3.69 min Scan# 293
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.6	48.0	144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 97.65 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Instrument :

MSVOA_W

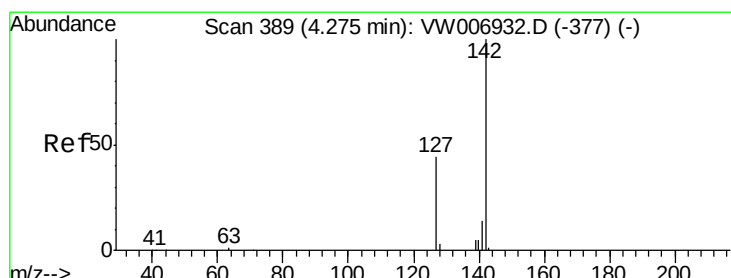
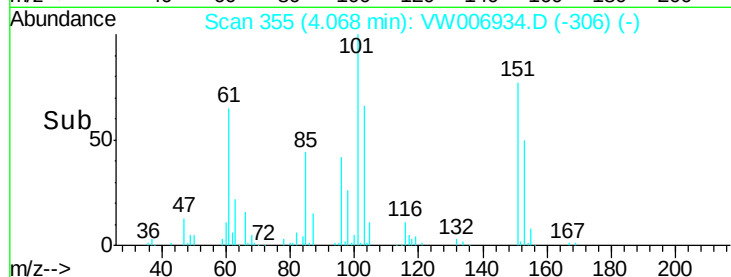
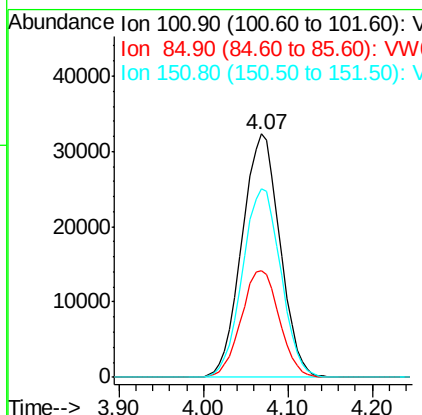
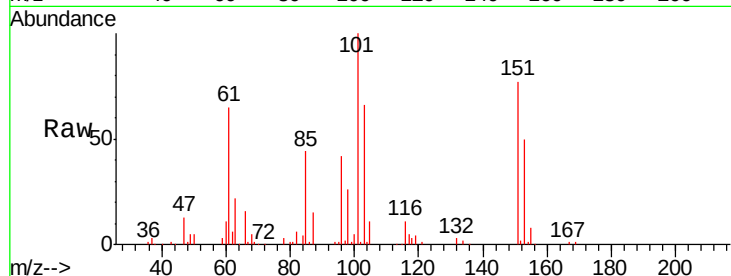
ClientSampleId :

VSTDIC100

Tgt Ion:	101	Resp:	99152
Ion Ratio	Lower	Upper	
101	100		
85	44.0	34.5	51.7
151	78.4	61.5	92.3

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#10

Methyl Iodide

Concen: 102.10 ug/l

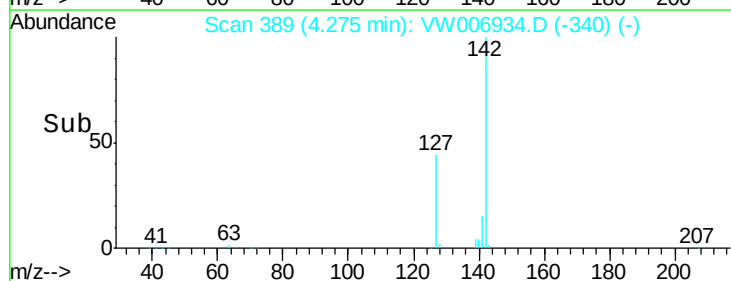
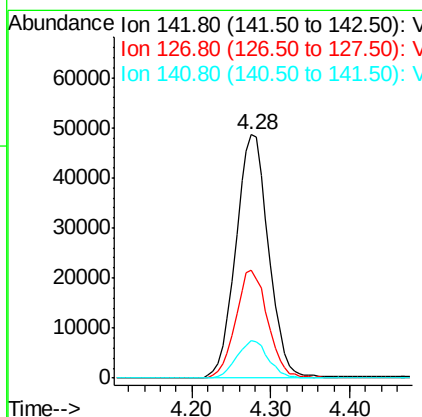
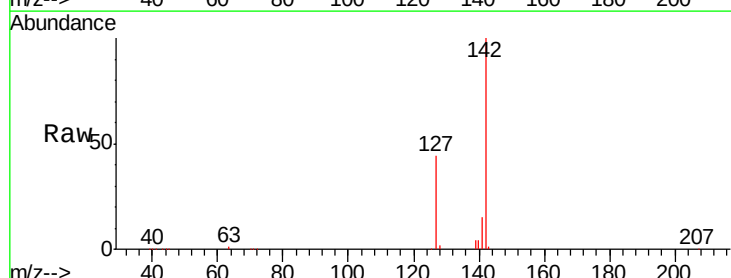
RT: 4.28 min Scan# 389

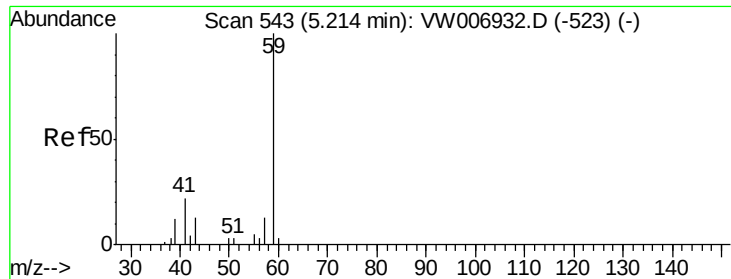
Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Tgt Ion:	142	Resp:	140756
Ion Ratio	Lower	Upper	
142	100		
127	43.4	34.4	51.6
141	14.6	11.5	17.3





#11

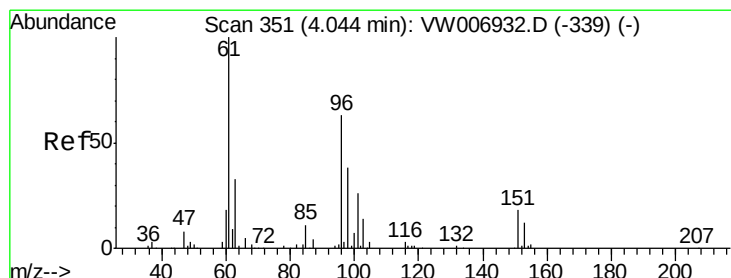
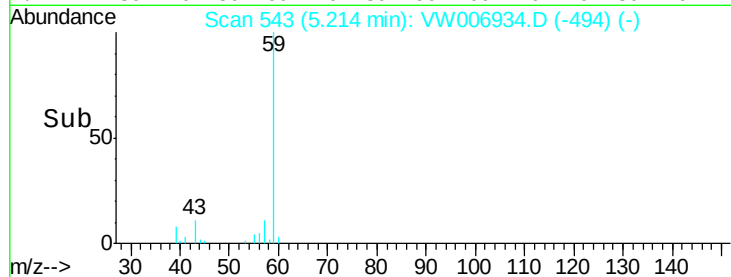
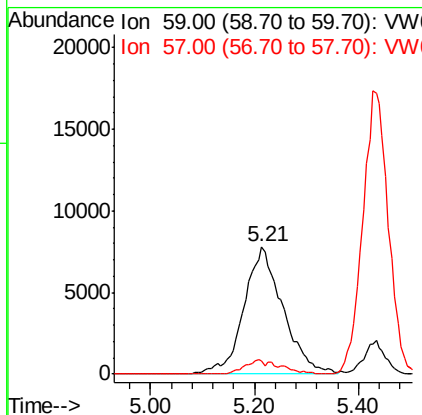
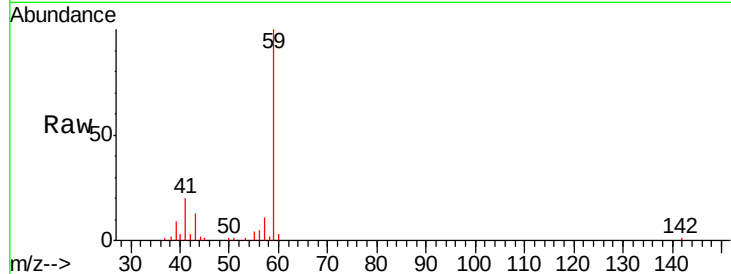
Tert butyl alcohol
Concen: 693.26 ug/l
RT: 5.21 min Scan# 543
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
59	100		
57	5.5	8.8	13.2#

Manual Integrations
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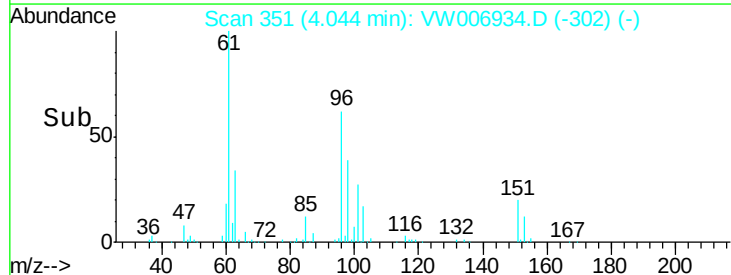
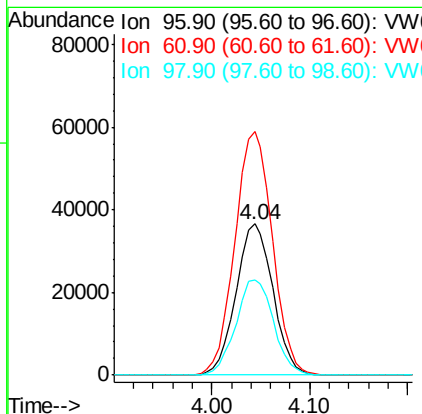
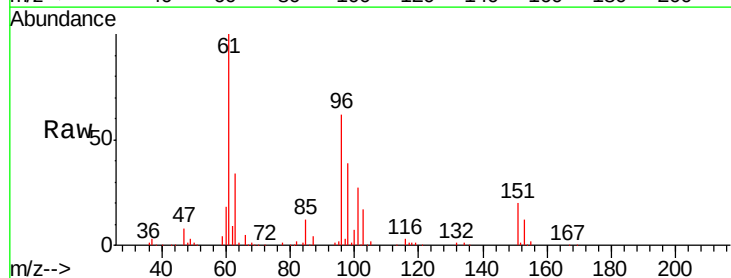
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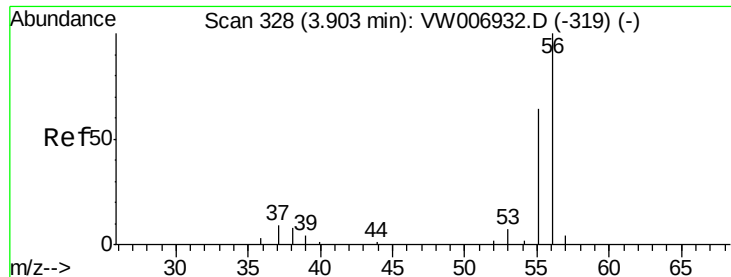


#12

1,1-Dichloroethene
Concen: 110.47 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.0	127.8	191.8
98	63.0	48.3	72.5





#13

Acrolein

Concen: 695.57 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Tgt Ion: 56 Resp: 42325

Ion Ratio Lower Upper

56 100

55 70.0 56.5 84.7

Instrument :

MSVOA_W

ClientSampleId :

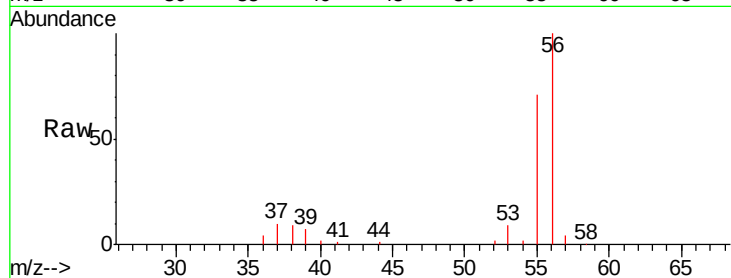
VSTDIC100

Manual Integrations

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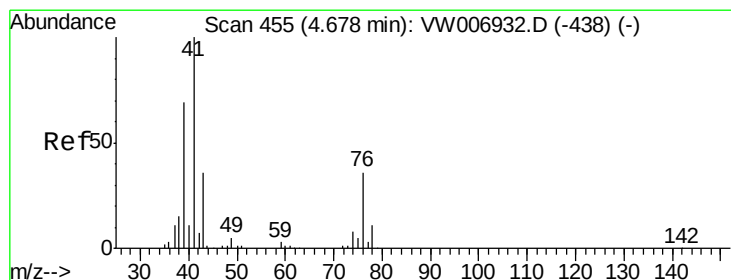
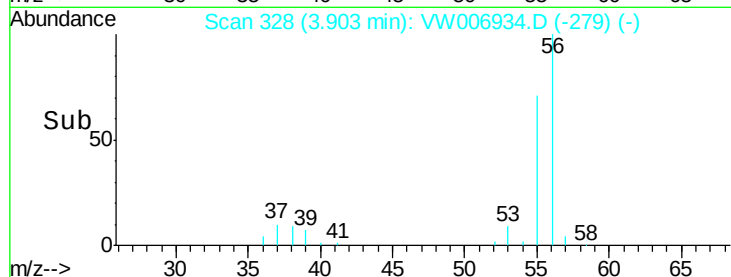
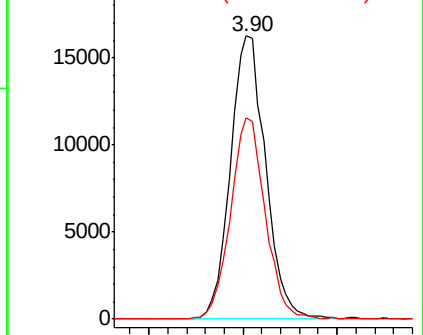
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 141.34 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

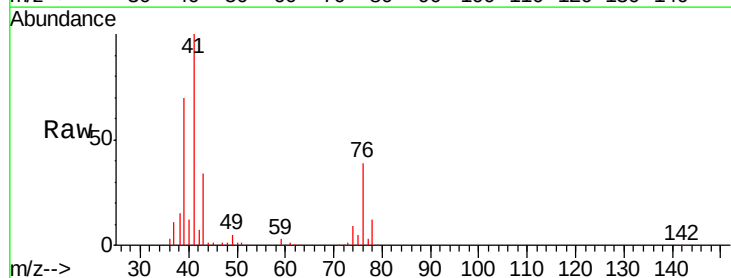
Tgt Ion: 41 Resp: 171624

Ion Ratio Lower Upper

41 100

39 69.7 55.0 82.4

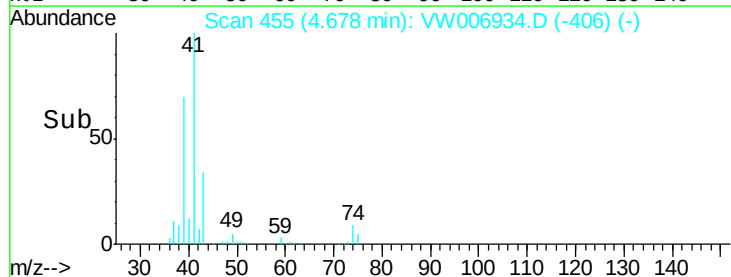
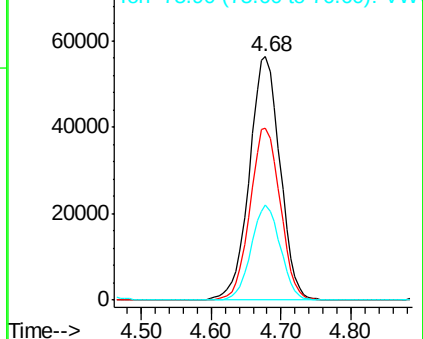
76 37.3 28.0 42.0

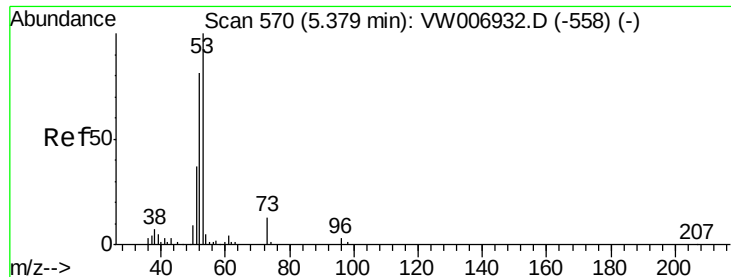


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 677.51 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Instrument :

MSVOA_W

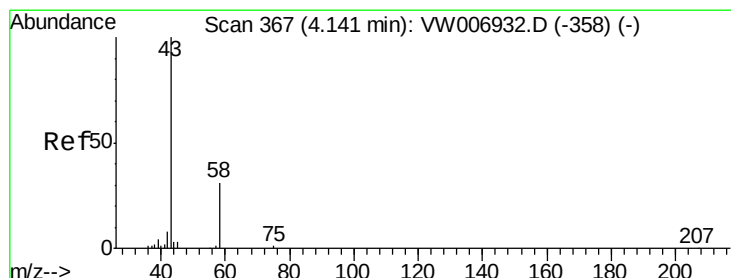
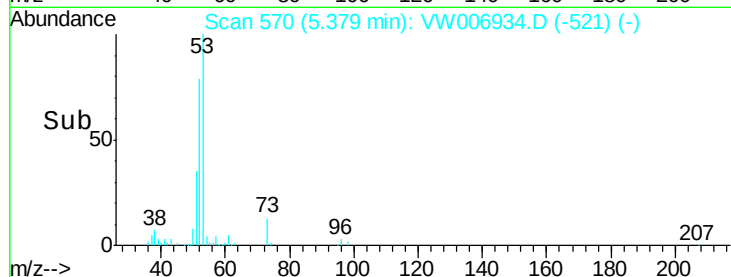
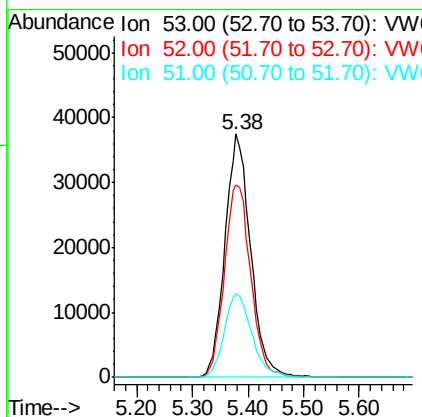
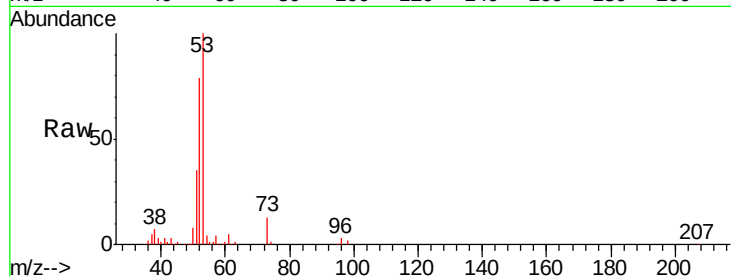
ClientSampleId :

VSTDIC100

Tgt Ion:	53	Resp:	119289
Ion	Ratio	Lower	Upper
53	100		
52	81.2	67.0	100.6
51	36.9	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 685.08 ug/l

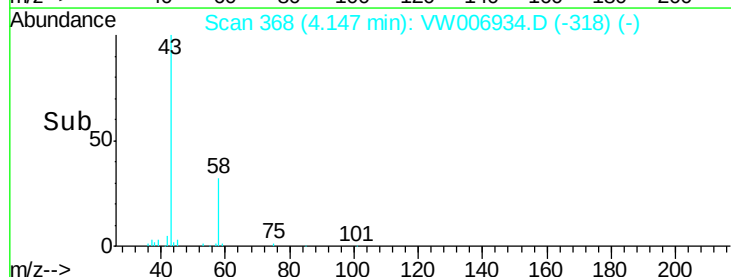
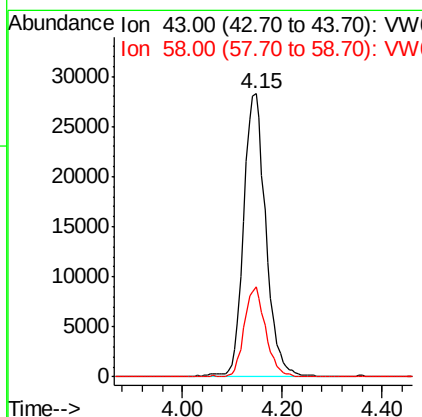
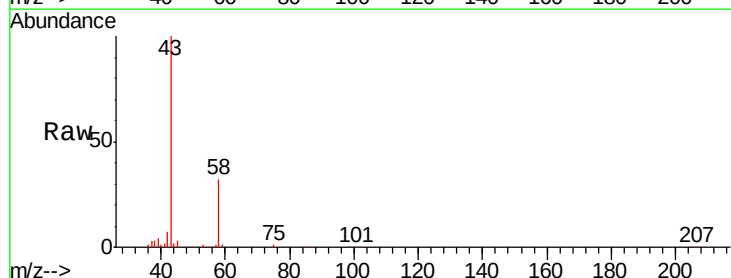
RT: 4.15 min Scan# 368

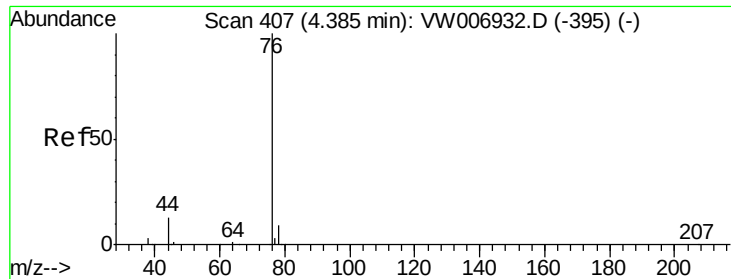
Delta R.T. 0.01 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Tgt Ion:	43	Resp:	87987
Ion	Ratio	Lower	Upper
43	100		
58	31.8	24.2	36.4





#17

Carbon Disulfide

Concen: 115.01 ug/l

RT: 4.38 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 76 Resp: 315199

Ion Ratio Lower Upper

76 100

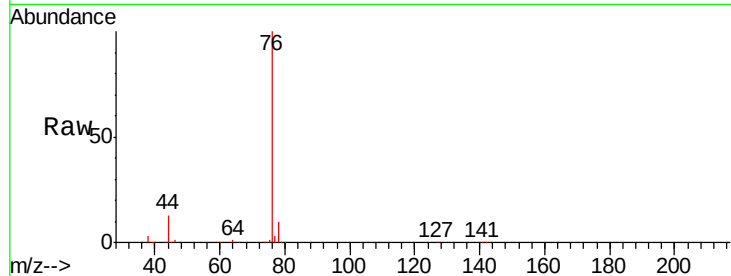
78 10.0 7.1 10.7

Manual Integrations

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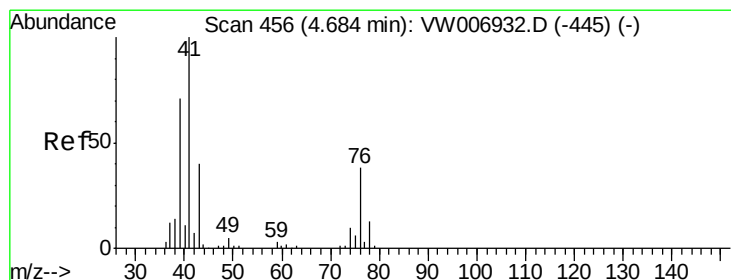
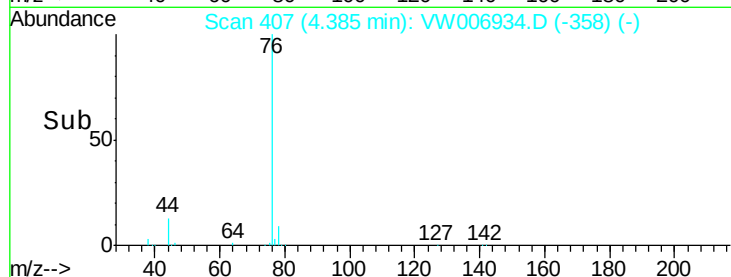
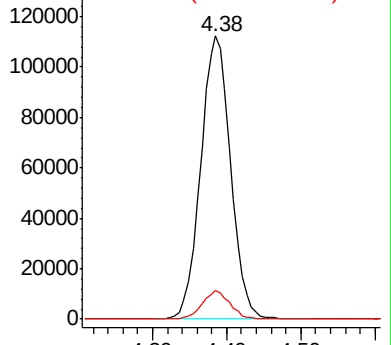
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 137.72 ug/l

RT: 4.68 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW006934.D

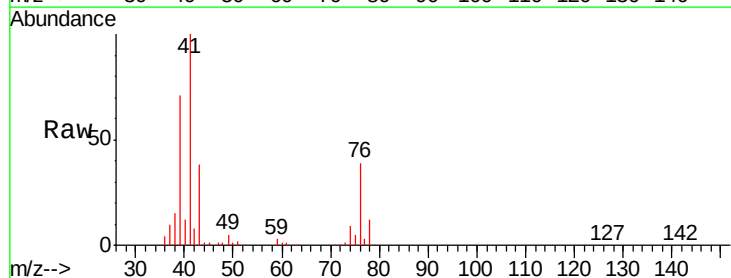
Acq: 17 Nov 2018 01:00

Tgt Ion: 43 Resp: 60715

Ion Ratio Lower Upper

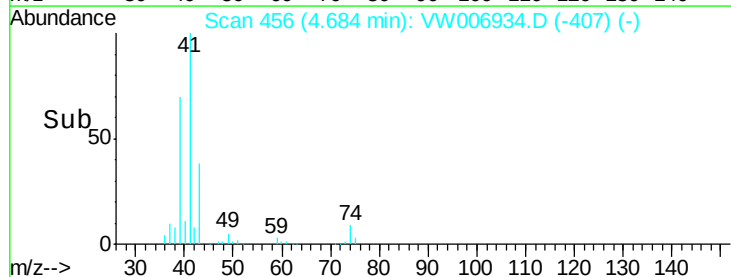
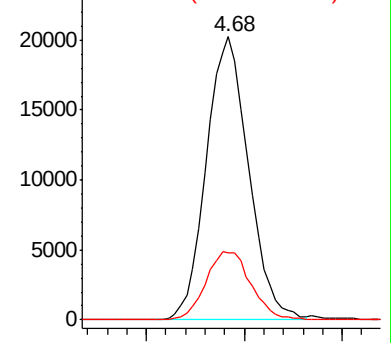
43 100

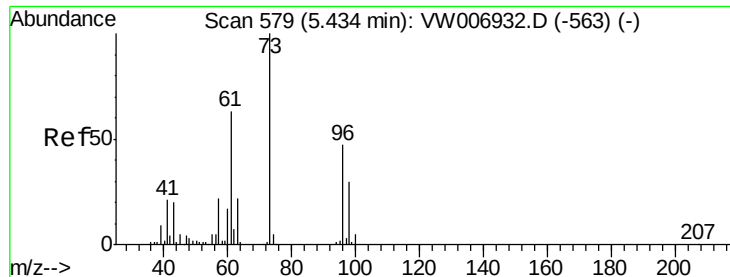
74 25.5 20.3 30.5



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: 127.81 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 73 Resp: 274362

Ion Ratio Lower Upper

73 100

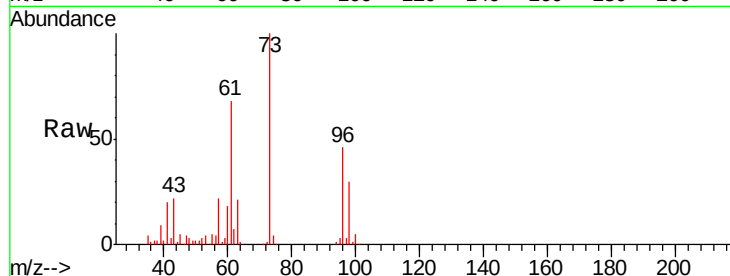
57 22.0 17.5 26.3

Manual Integrations

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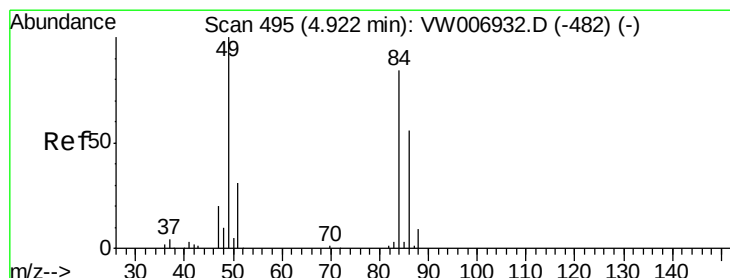
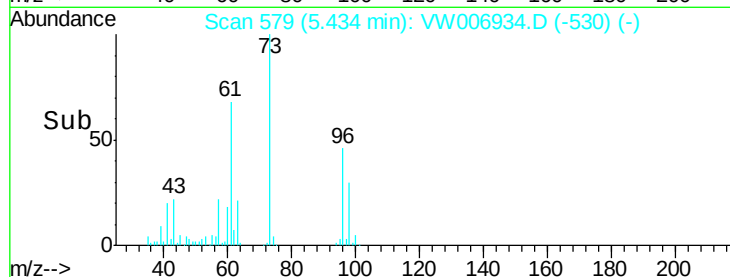
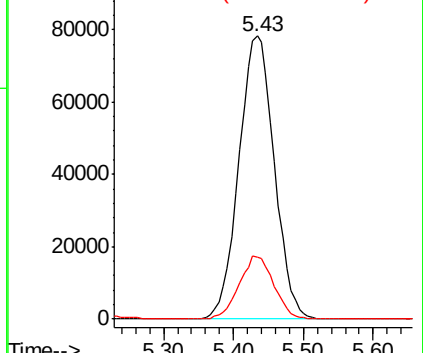
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Abundance Ion 73.00 (72.70 to 73.70): VW

Ion 57.00 (56.70 to 57.70): VW



#20

Methylene Chloride

Concen: 89.20 ug/l

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Tgt Ion: 84 Resp: 119503

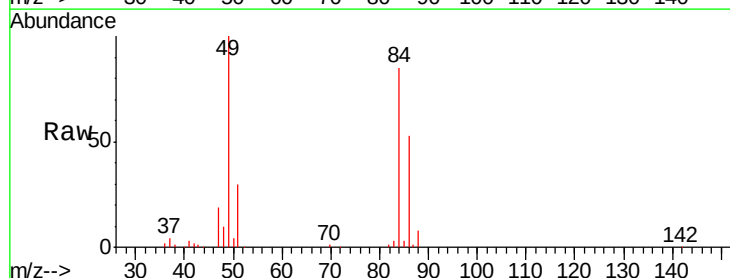
Ion Ratio Lower Upper

84 100

49 118.3 95.4 143.2

51 35.4 29.5 44.3

86 63.2 53.4 80.2

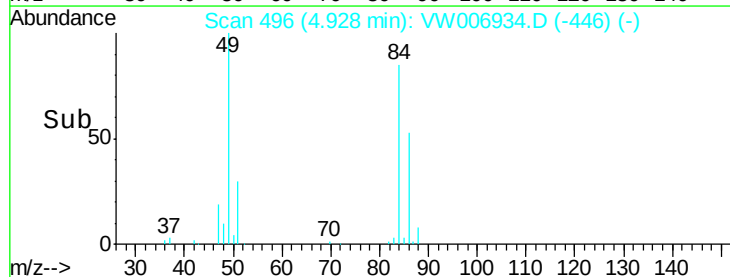
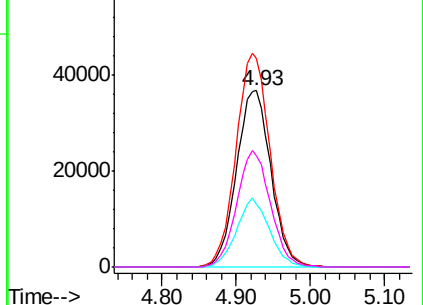


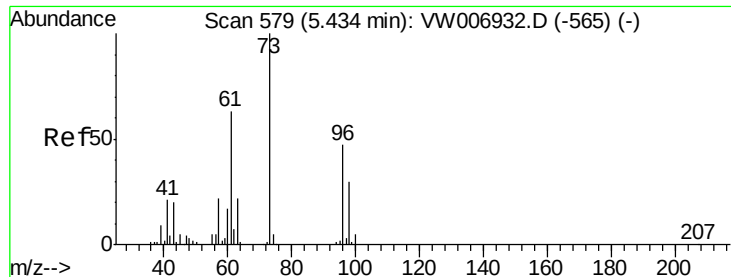
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#21

trans-1,2-Dichloroethene

Concen: 109.65 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Instrument :

MSVOA_W

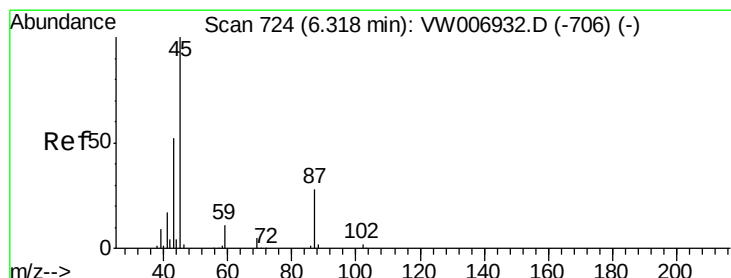
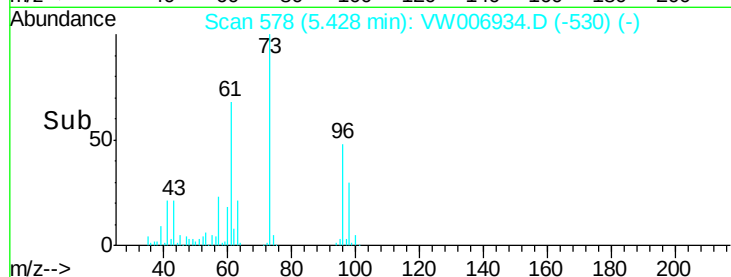
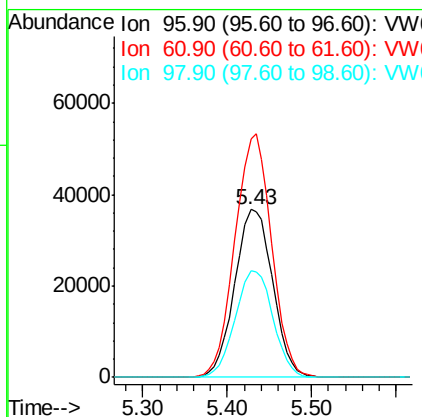
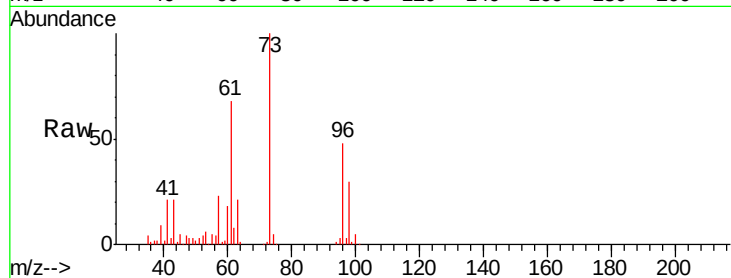
ClientSampleId :

VSTDIC100

Tgt Ion:	96	Resp:	112212
Ion	Ratio	Lower	Upper
96	100		
61	141.8	108.2	162.4
98	63.5	50.6	76.0

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#22

Diisopropyl ether

Concen: 135.30 ug/l

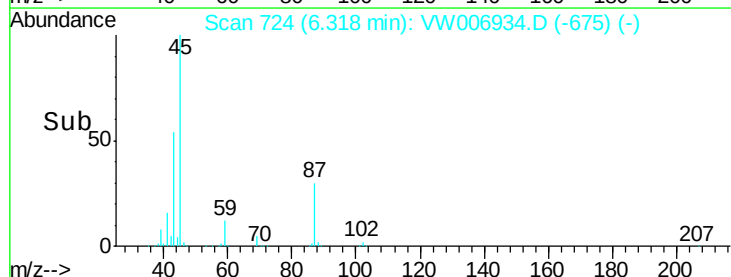
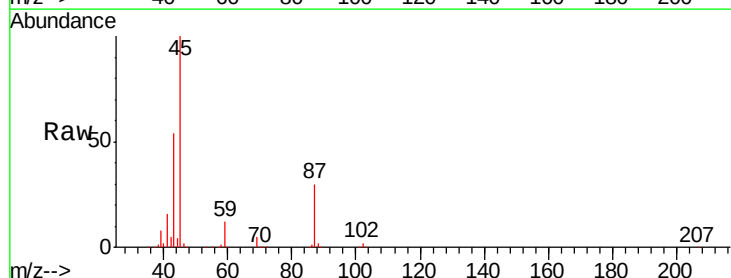
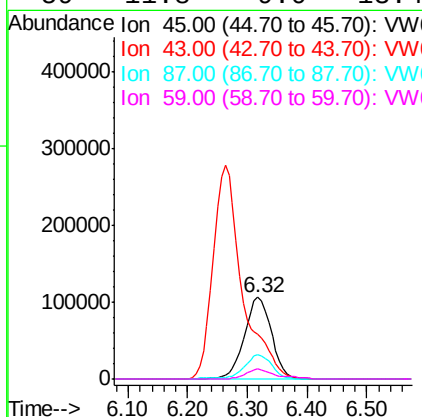
RT: 6.32 min Scan# 724

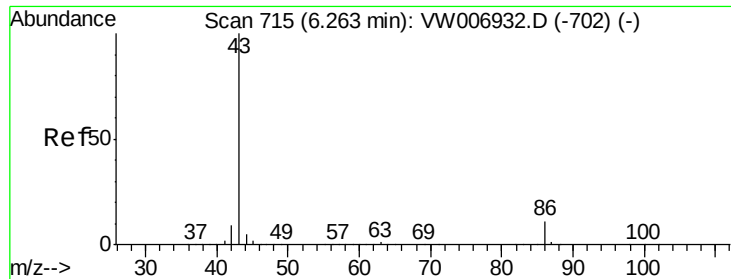
Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Tgt Ion:	45	Resp:	338422
Ion	Ratio	Lower	Upper
45	100		
43	53.8	43.1	64.7
87	29.7	22.7	34.1
59	11.8	9.0	13.4





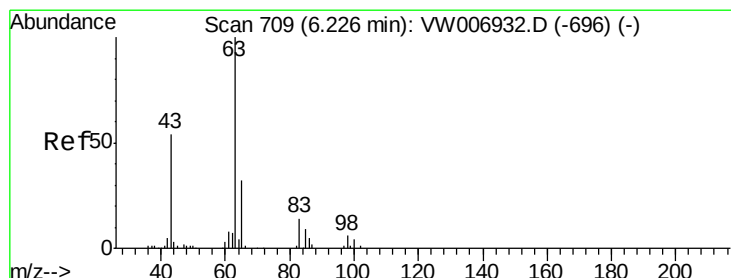
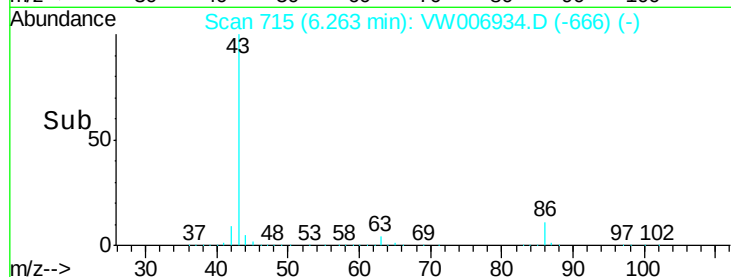
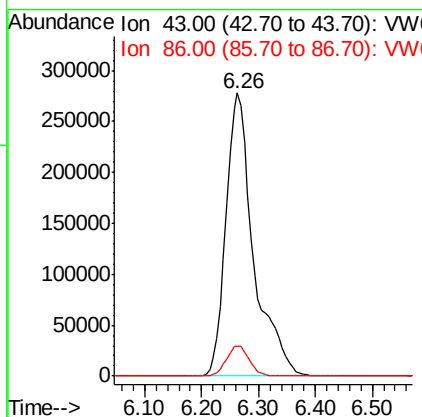
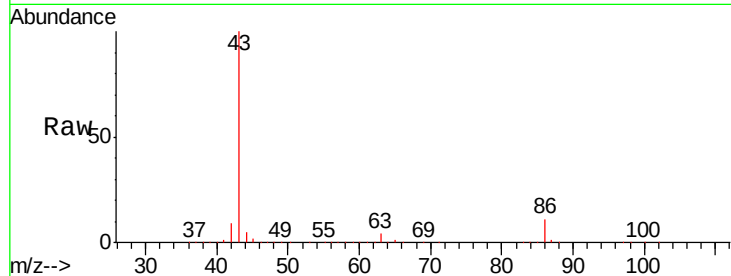
#23
 Vinyl Acetate
 Concen: 668.34 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: VW006934.D
 Acq: 17 Nov 2018 01:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion: 43 Resp: 941390
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.7 13.1

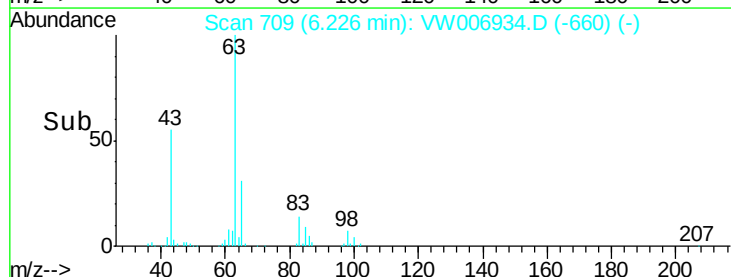
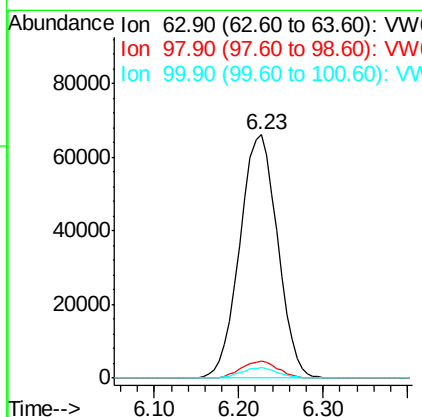
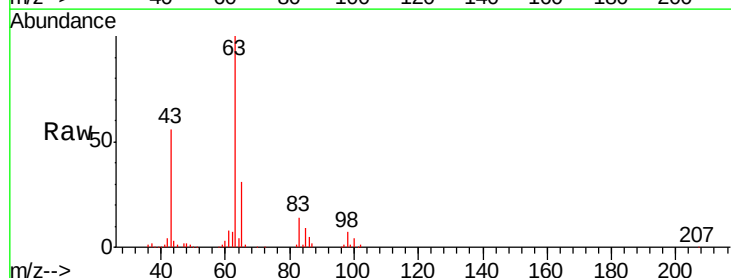
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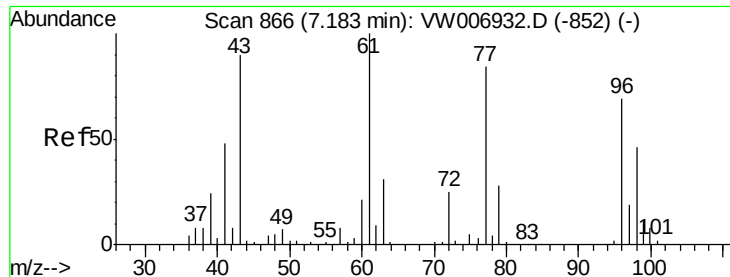
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#24
 1,1-Dichloroethane
 Concen: 124.94 ug/l
 RT: 6.23 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: VW006934.D
 Acq: 17 Nov 2018 01:00

Tgt Ion: 63 Resp: 201319
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.2 9.6
 100 4.3 2.1 6.5





#25

2-Butanone

Concen: 649.85 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tgt Ion: 43 Resp: 140178

Ion Ratio Lower Upper

43 100

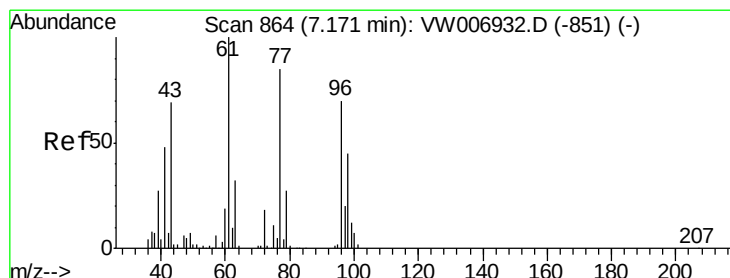
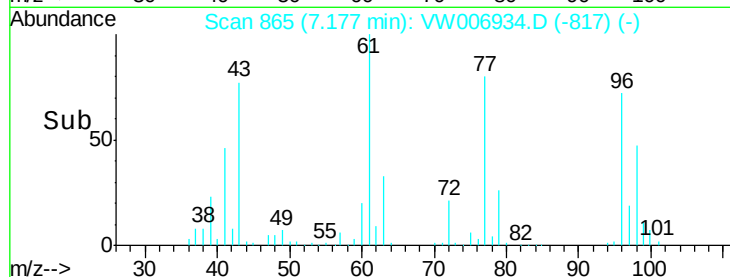
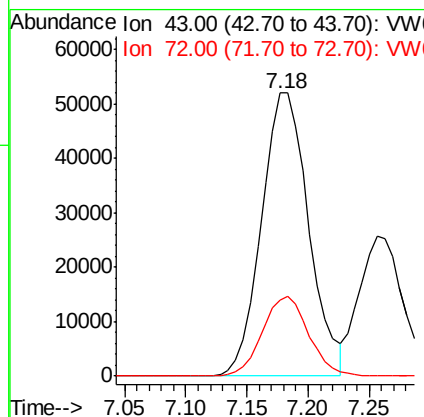
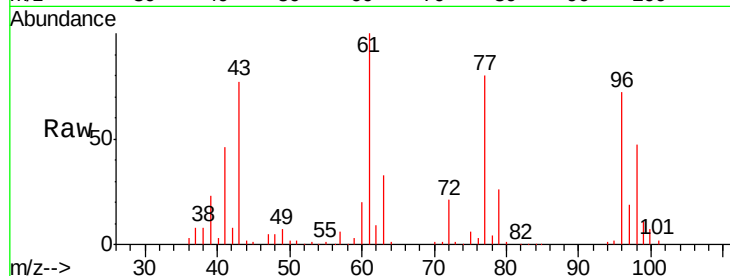
72 27.0 22.1 33.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 102.76 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006934.D

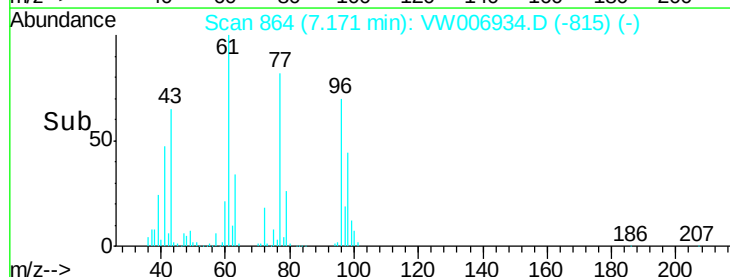
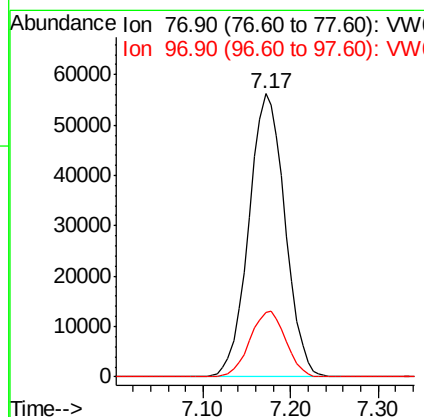
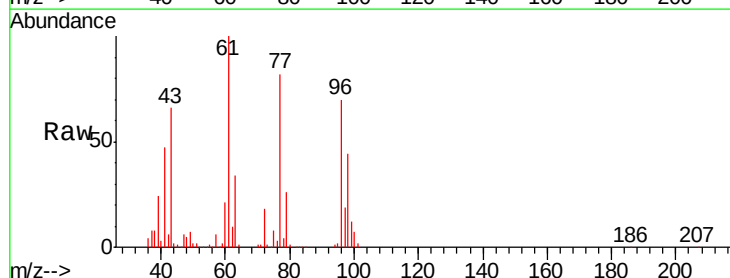
Acq: 17 Nov 2018 01:00

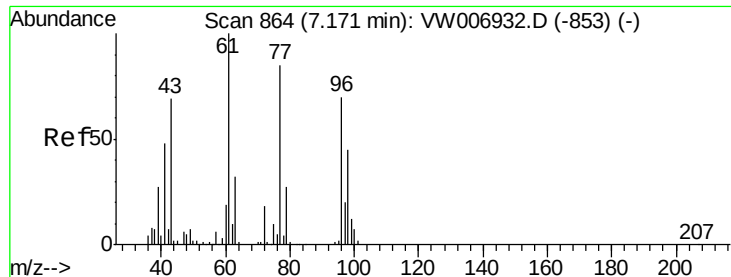
Tgt Ion: 77 Resp: 161604

Ion Ratio Lower Upper

77 100

97 23.2 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 116.23 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Instrument :

MSVOA_W

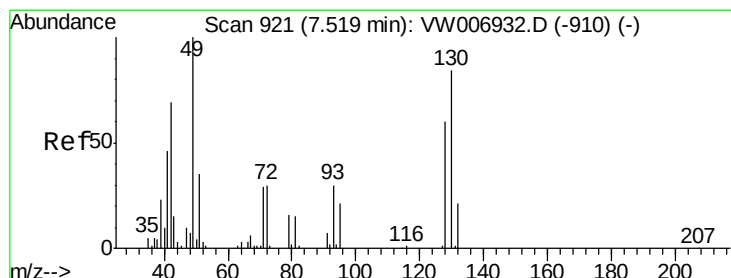
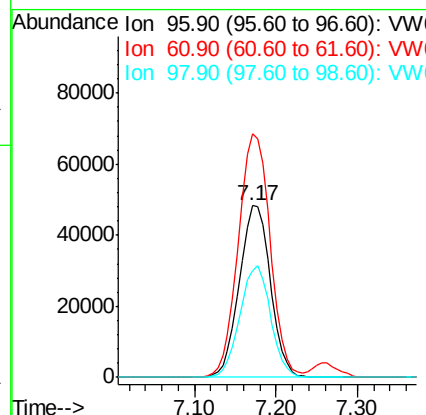
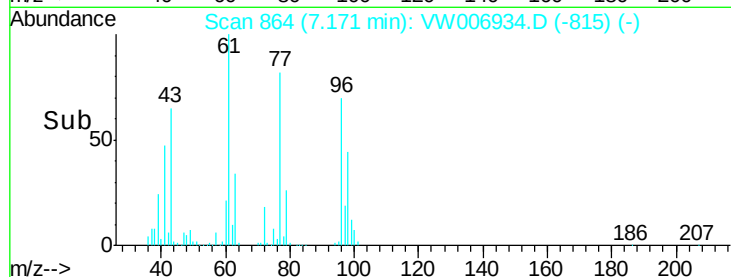
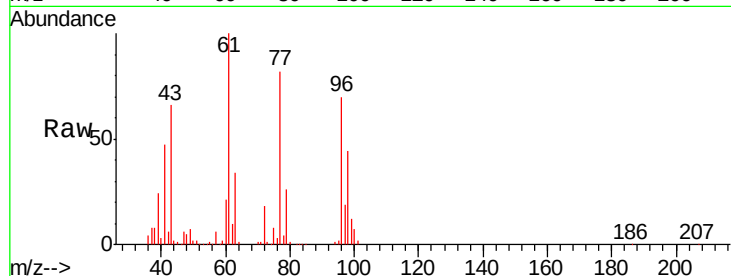
ClientSampleId :

VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	127765		
61	145.3	0.0	293.8	
98	64.0	0.0	131.0	

Manual Integrations
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#28

Bromochloromethane

Concen: 125.34 ug/l

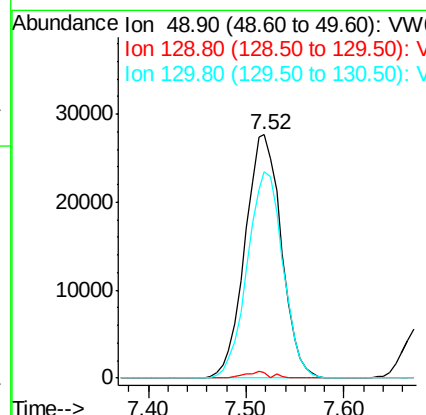
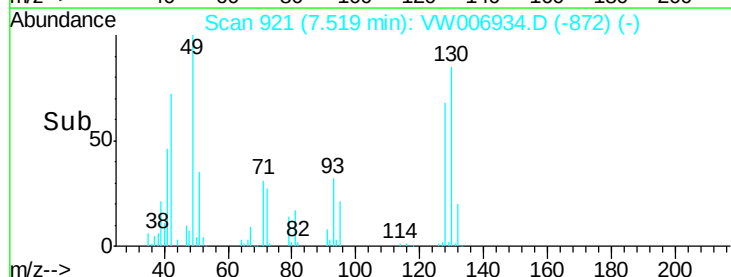
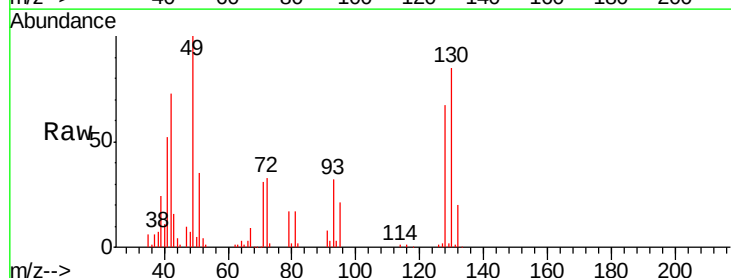
RT: 7.52 min Scan# 921

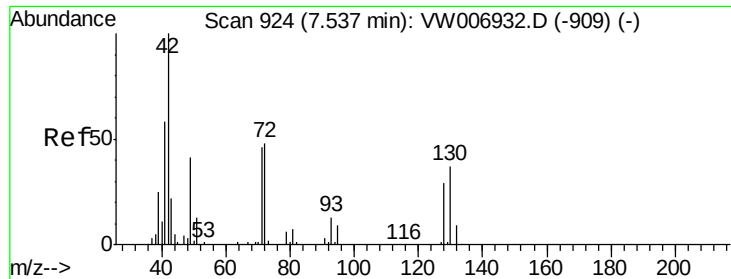
Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	71112		
129	1.9	0.0	1.6#	
130	83.3	66.1	99.1	





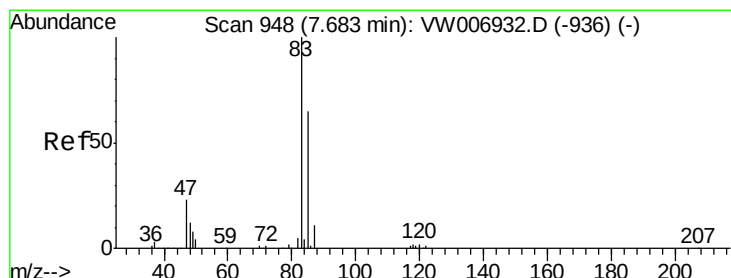
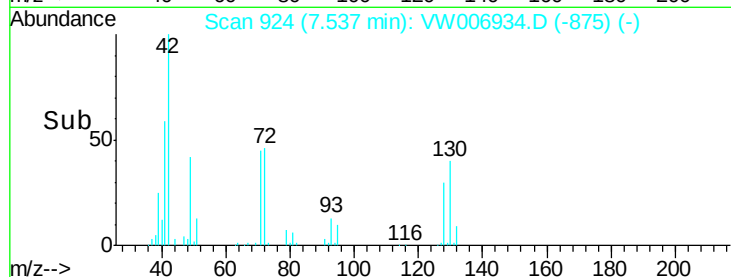
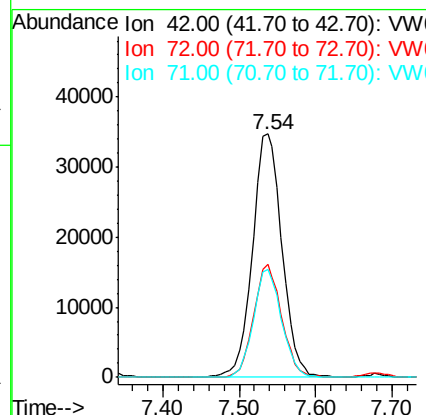
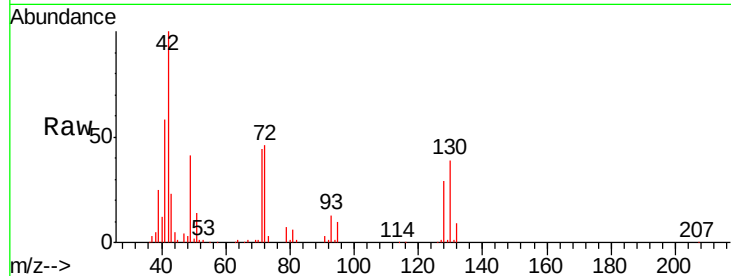
#29
Tetrahydrofuran
Concen: 676.24 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.9	35.7	53.5
71	42.3	33.7	50.5

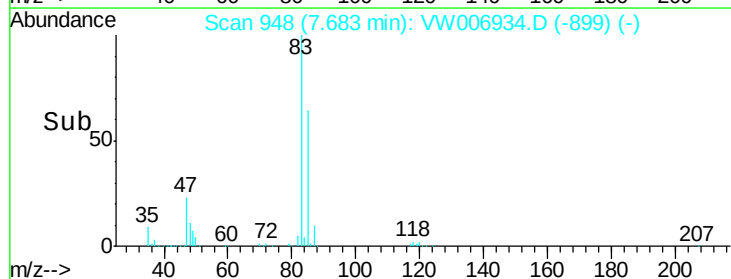
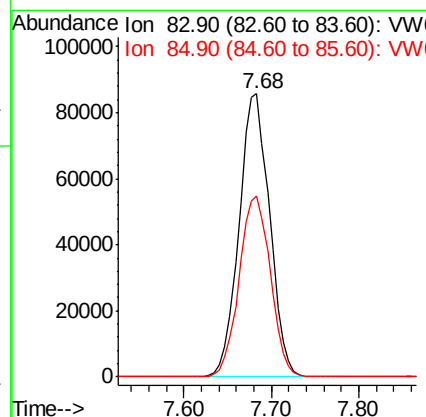
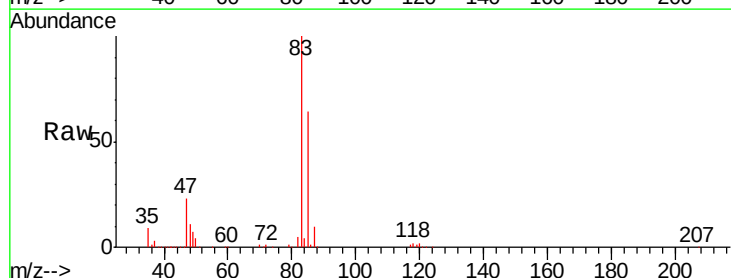
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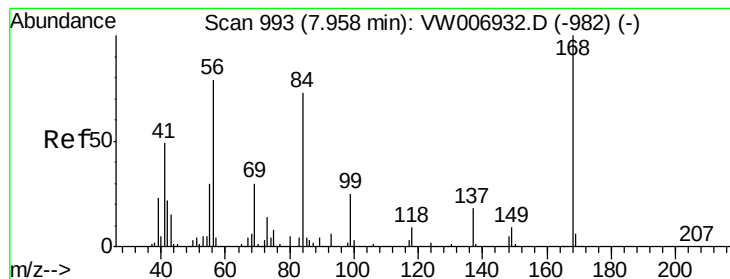
apatel
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#30
Chloroform
Concen: 119.24 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	52.2	78.4





#31

Cyclohexane

Concen: 106.66 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Instrument :

MSVOA_W

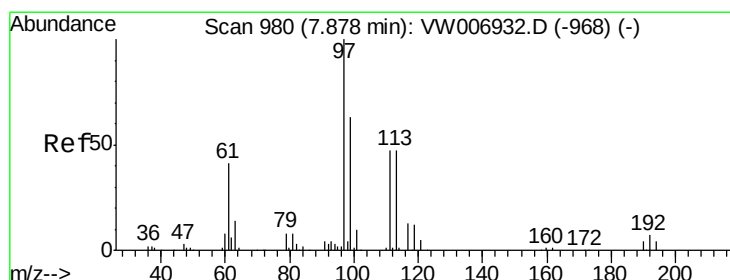
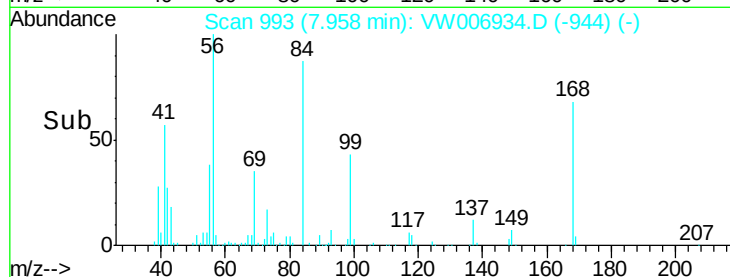
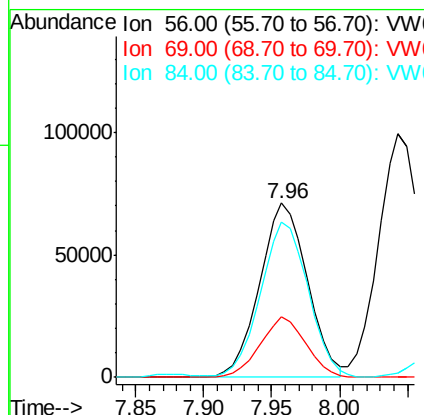
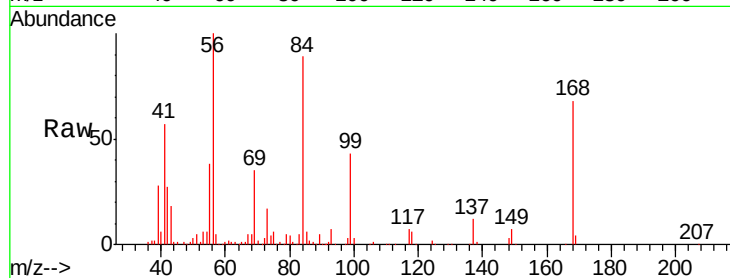
ClientSampleId :

VSTDIC100

Tgt Ion:	56	Resp:	173933
Ion Ratio	Lower	Upper	
56	100		
69	35.0	30.2	45.2
84	87.7	73.6	110.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 108.47 ug/l

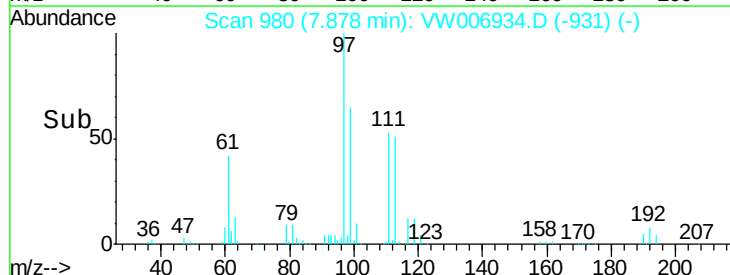
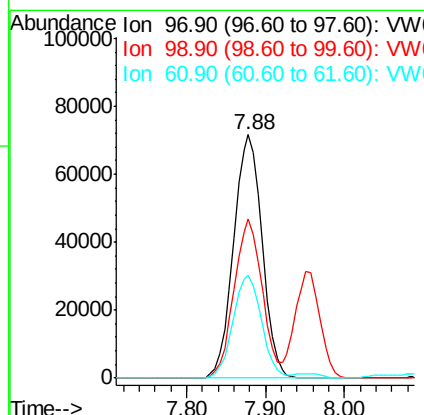
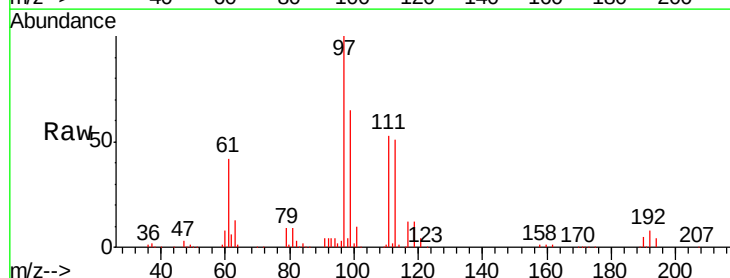
RT: 7.88 min Scan# 980

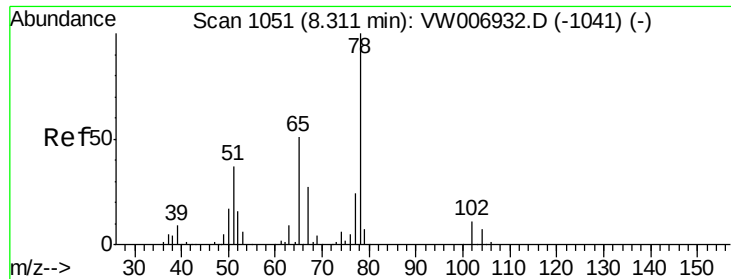
Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Tgt Ion:	97	Resp:	179851
Ion Ratio	Lower	Upper	
97	100		
99	64.9	51.0	76.6
61	42.2	34.2	51.2





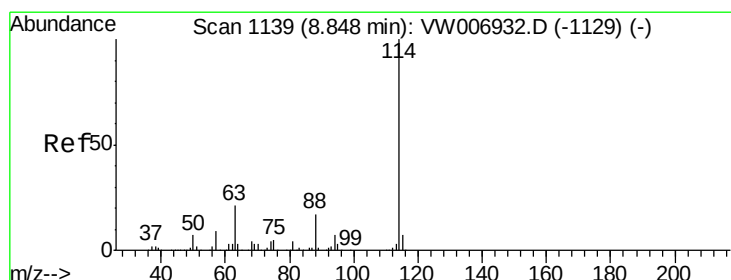
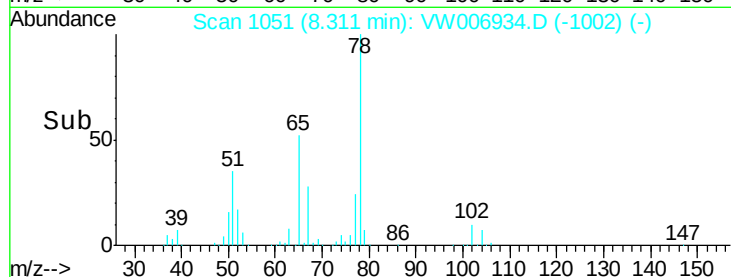
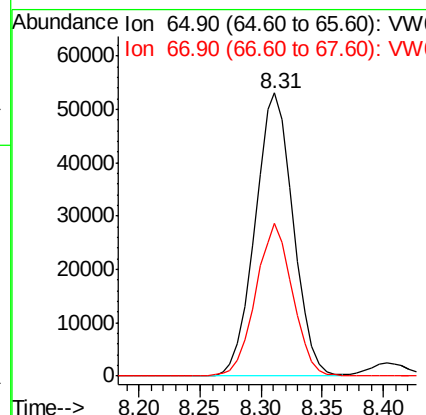
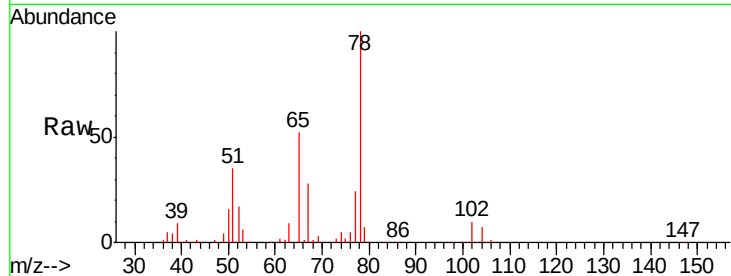
#33
 1,2-Dichloroethane-d4
 Concen: 128.97 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006934.D
 Acq: 17 Nov 2018 01:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion: 65 Resp: 114784
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.0

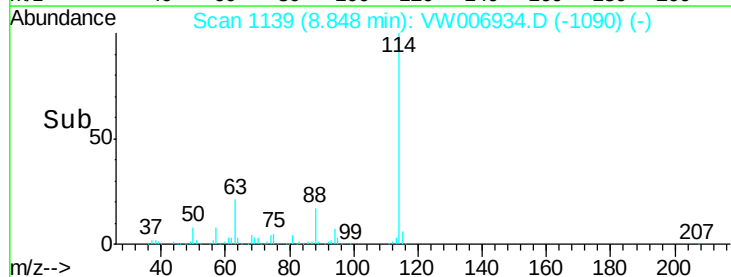
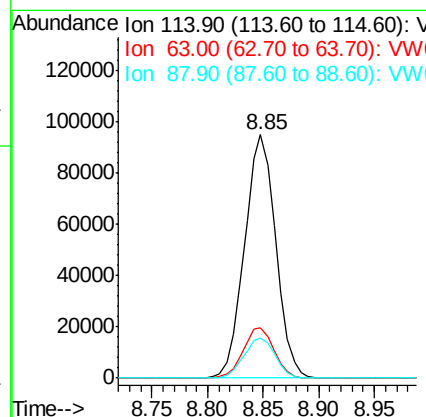
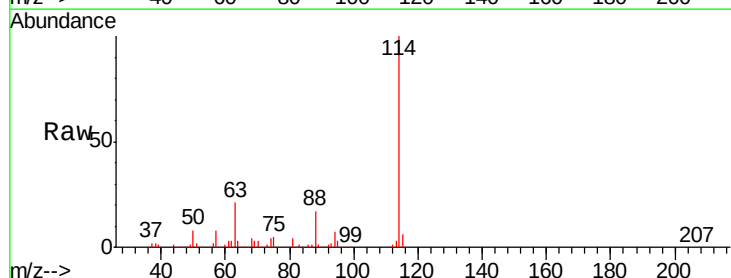
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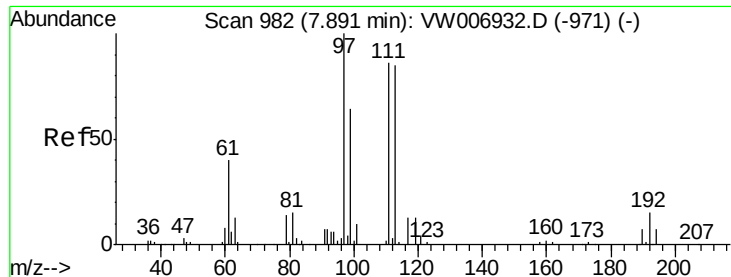
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006934.D
 Acq: 17 Nov 2018 01:00

Tgt Ion: 114 Resp: 184983
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.2
 88 16.6 0.0 33.4





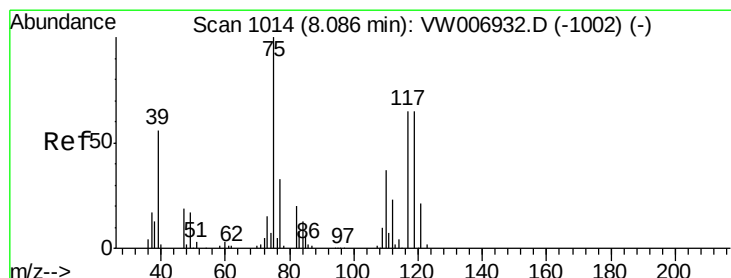
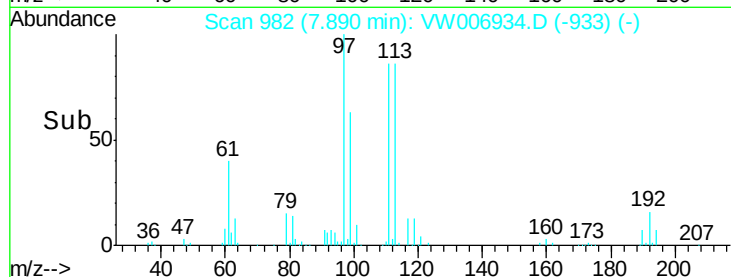
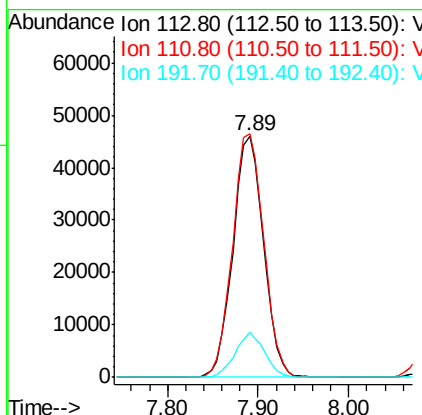
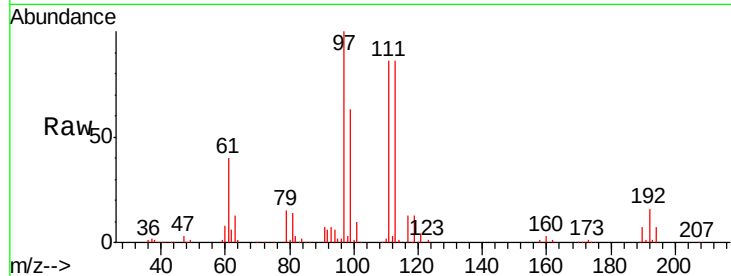
#35
Dibromofluoromethane
Concen: 96.46 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	107611		
111	103.4	81.7	122.5	
192	17.9	13.9	20.9	

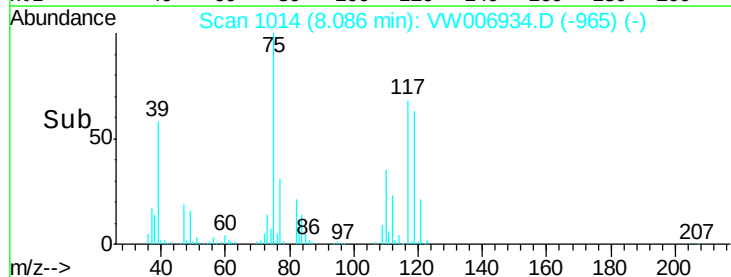
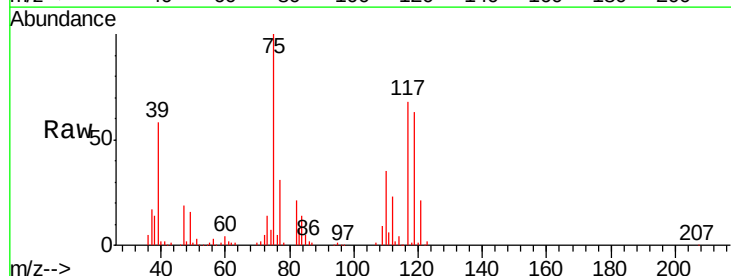
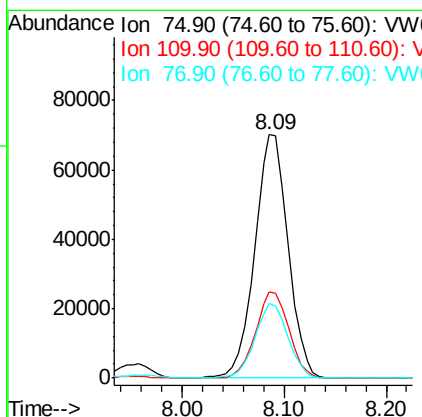
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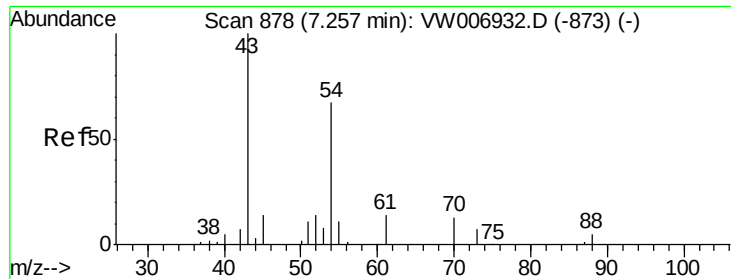
apatel
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#36
1,1-Dichloropropene
Concen: 91.99 ug/l
RT: 8.09 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	159430		
110	35.3	18.1	54.1	
77	30.7	25.4	38.0	





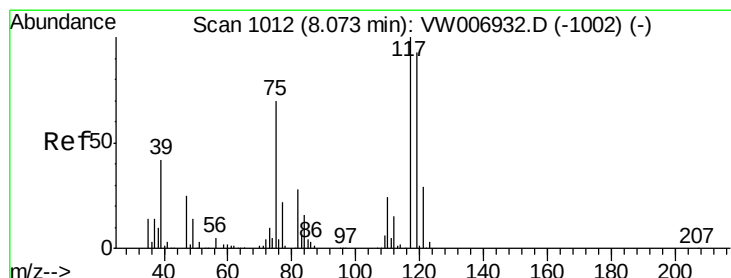
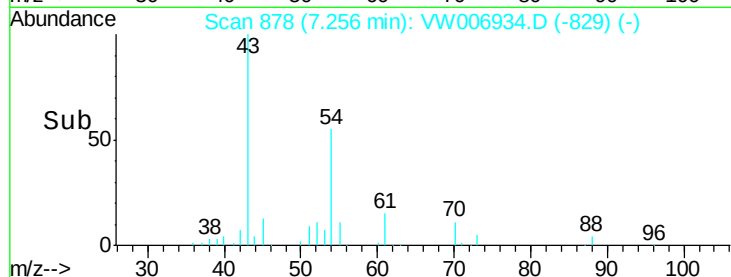
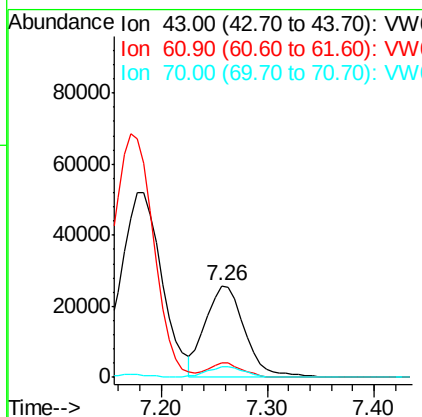
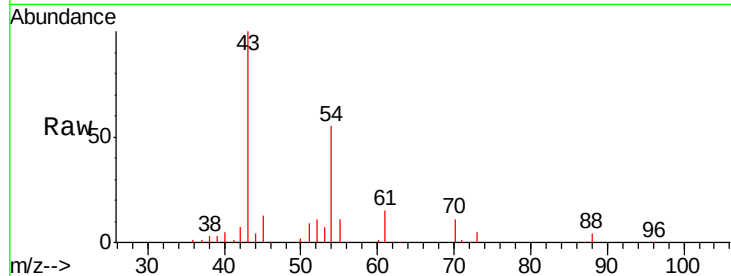
#37
Ethyl Acetate
Concen: 109.91 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.0	16.6
70	11.0	8.8	13.2

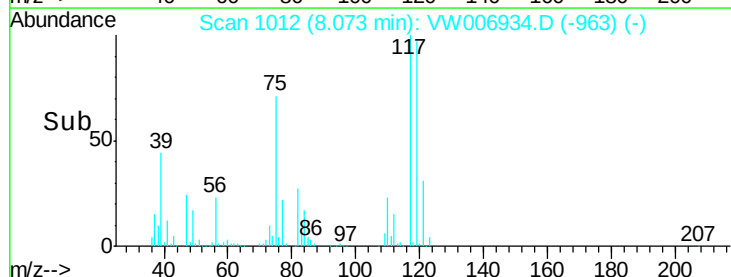
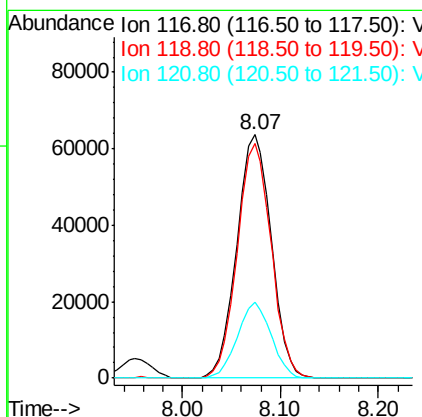
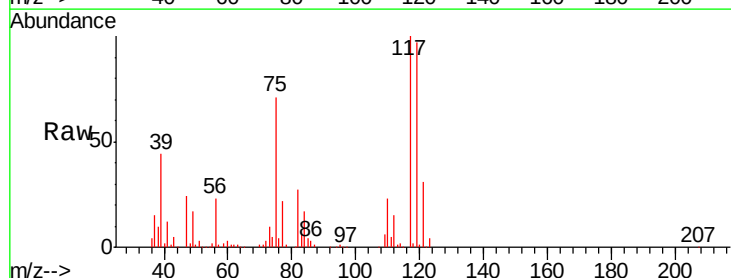
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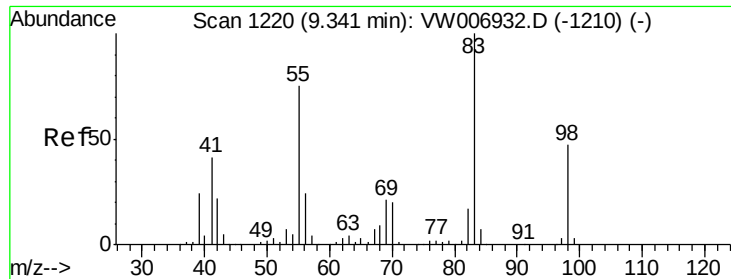
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#38
Carbon Tetrachloride
Concen: 84.05 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	74.2	111.4
121	31.4	23.5	35.3





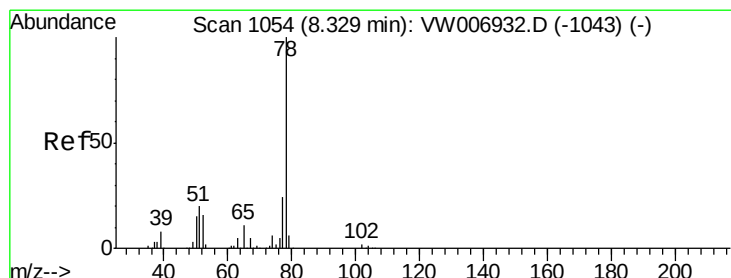
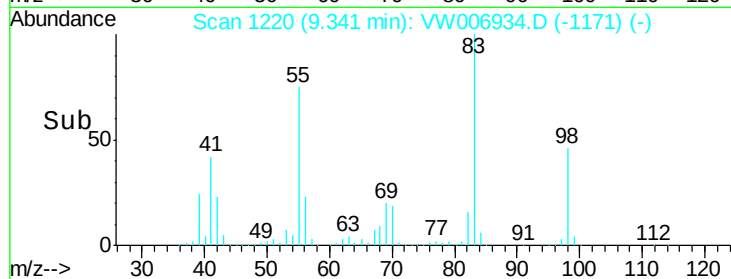
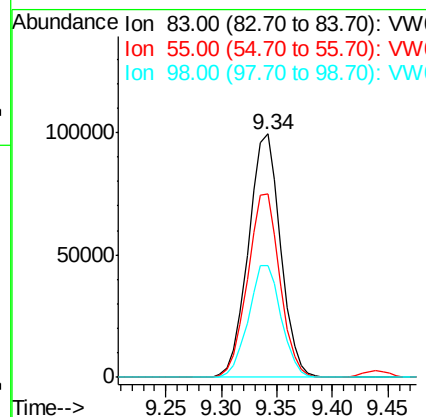
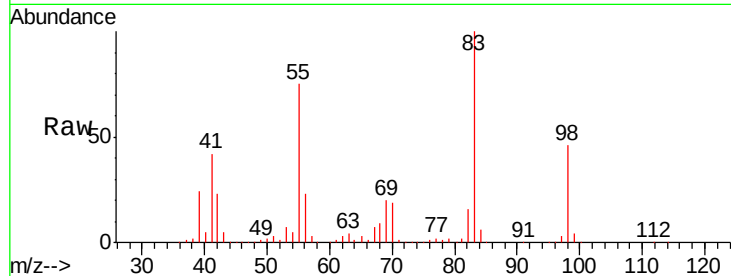
#39
Methylcyclohexane
Concen: 89.97 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	199938		
55	75.1	60.2	90.4	
98	46.0	37.3	55.9	

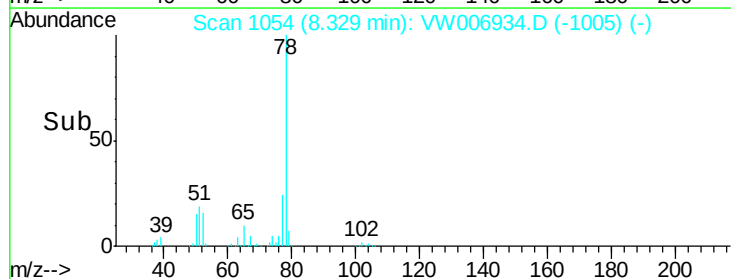
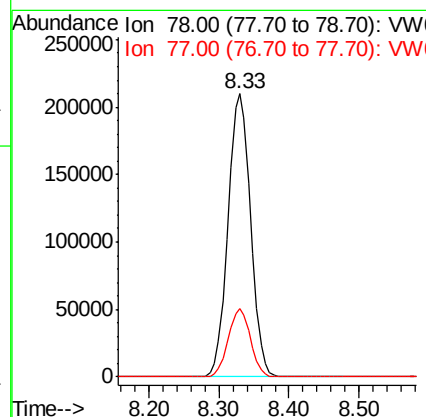
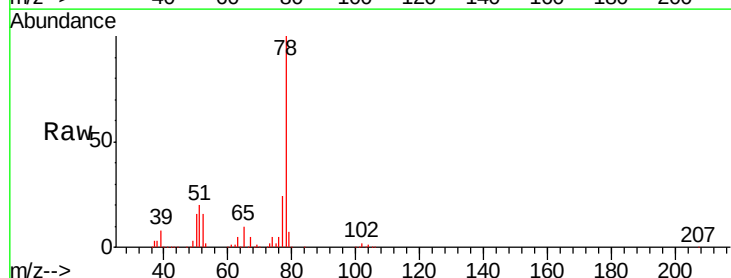
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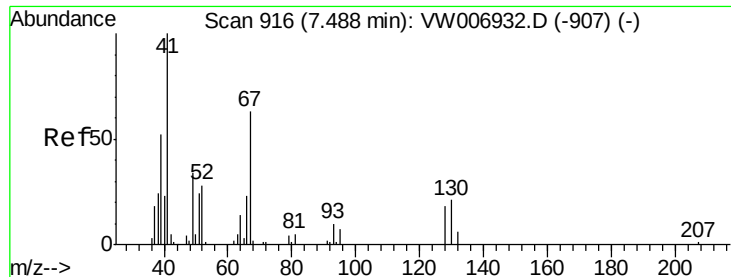
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#40
Benzene
Concen: 96.69 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	468167		
77	24.3	19.3	28.9	





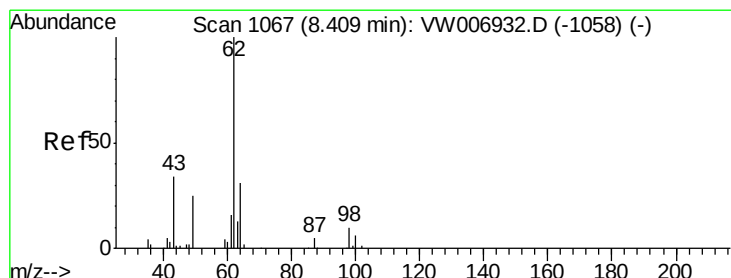
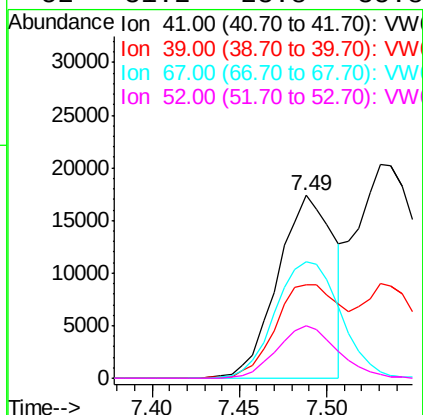
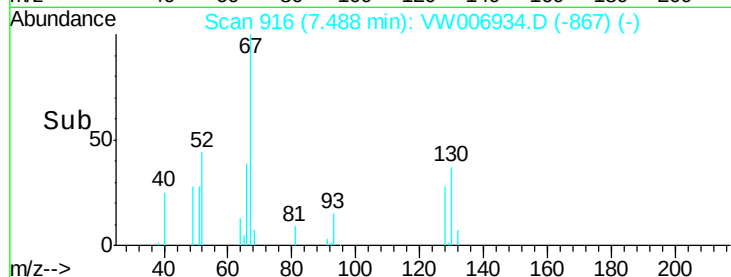
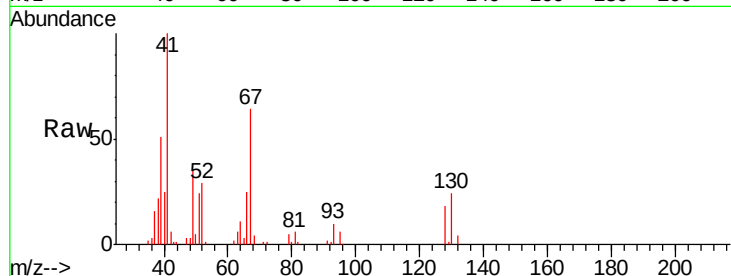
#41
Methacrylonitrile
Concen: 106.16 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
41	100		
39	60.8	41.8	62.6
67	74.6	54.7	82.1
52	31.2	23.8	35.8

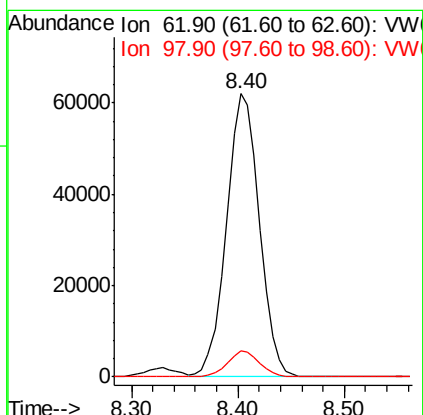
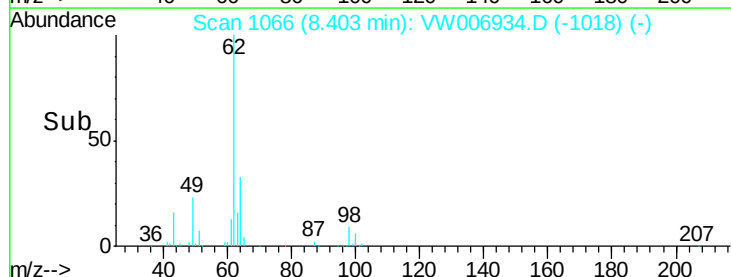
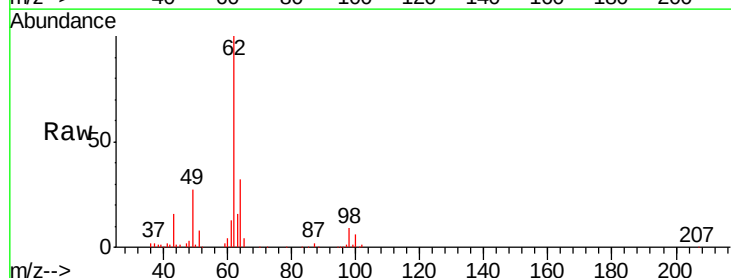
Manual Integrations
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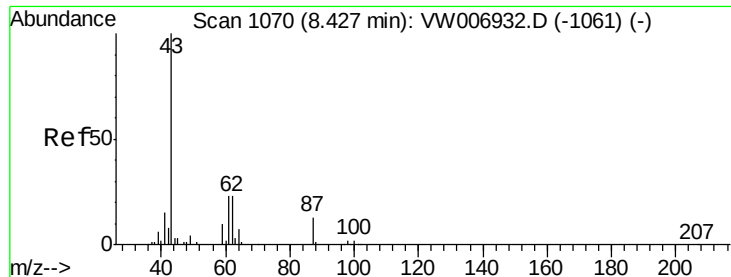
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#42
1,2-Dichloroethane
Concen: 101.81 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.2





#43

Isopropyl Acetate

Concen: 116.86 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Instrument :

MSVOA_W

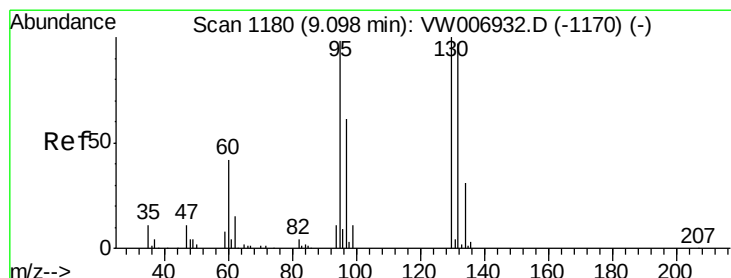
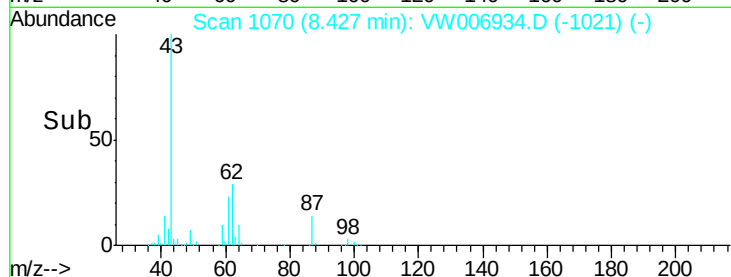
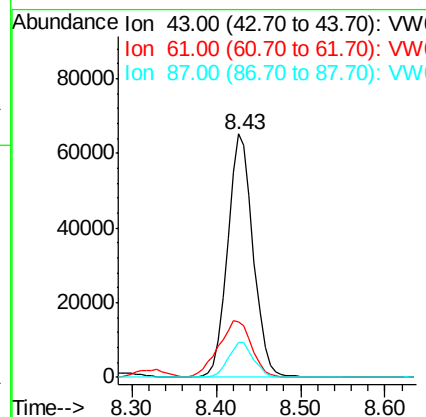
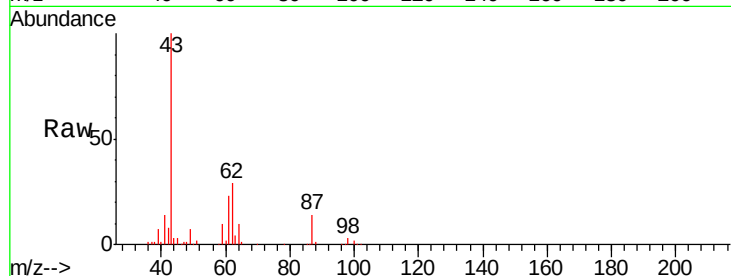
ClientSampleId :

VSTDIC100

Tgt Ion:	43	Resp:	134744
Ion Ratio	Lower	Upper	
43	100		
61	30.2	24.6	37.0
87	14.1	11.0	16.6

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#44

Trichloroethene

Concen: 83.46 ug/l

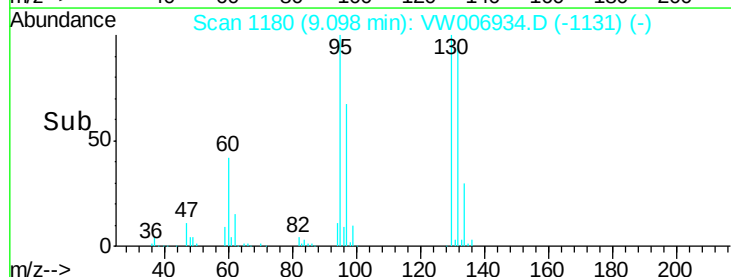
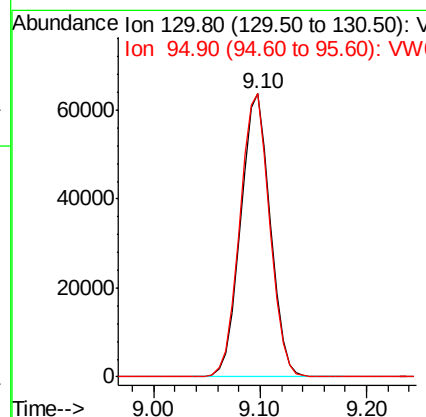
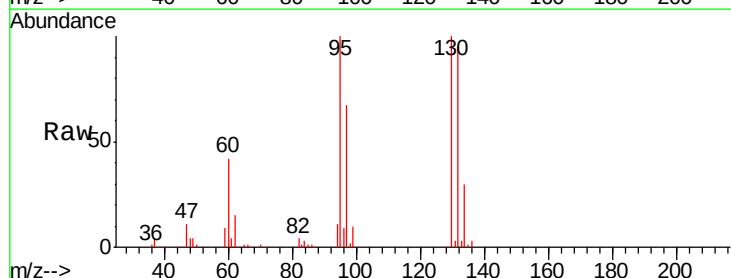
RT: 9.10 min Scan# 1180

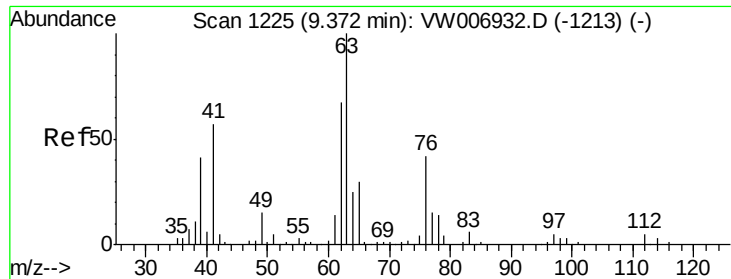
Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Tgt Ion:	130	Resp:	124492
Ion Ratio	Lower	Upper	
130	100		
95	100.1	0.0	196.4





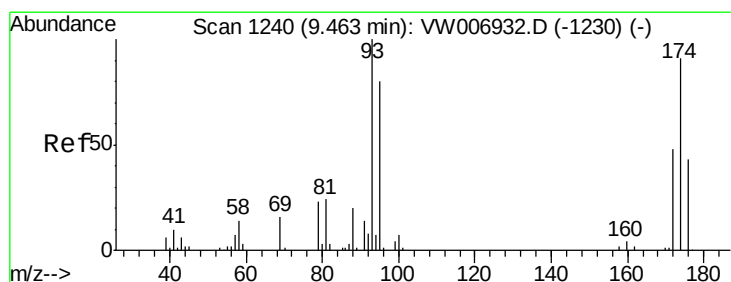
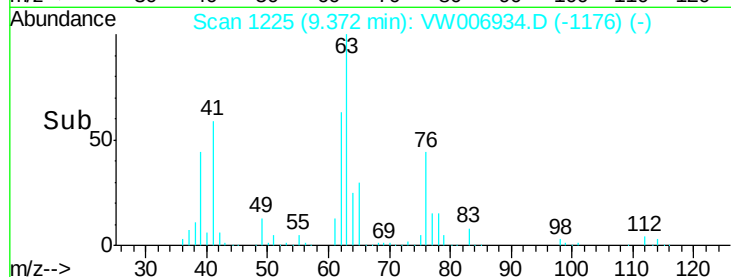
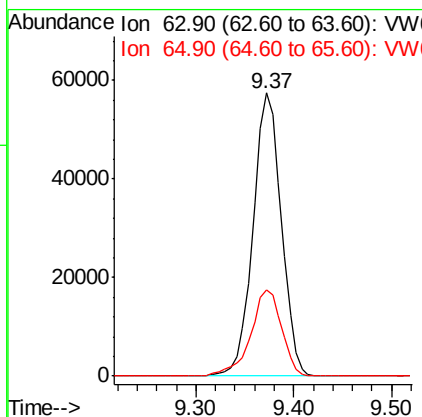
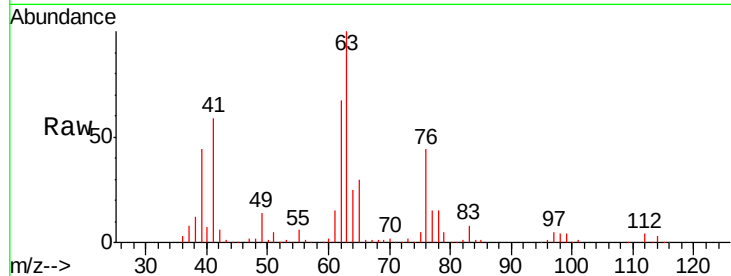
#45
 1,2-Dichloropropane
 Concen: 100.88 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006934.D
 Acq: 17 Nov 2018 01:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion: 63 Resp: 115165
 Ion Ratio Lower Upper
 63 100
 65 30.5 23.9 35.9

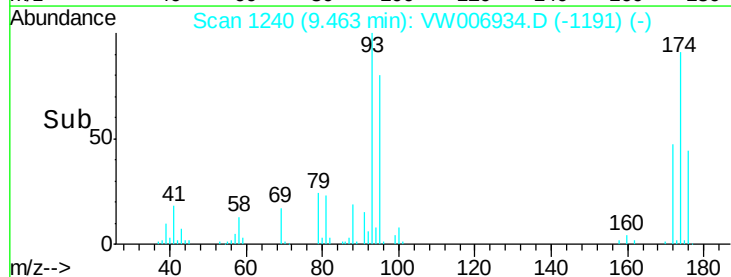
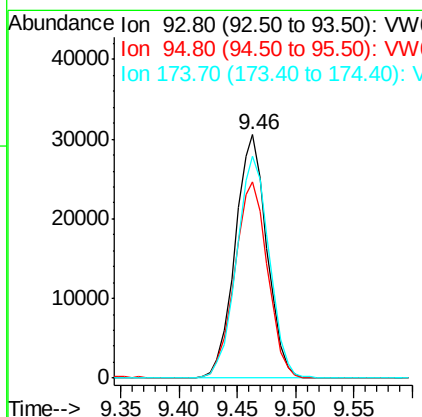
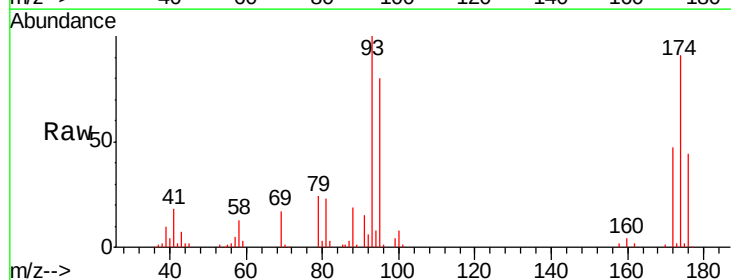
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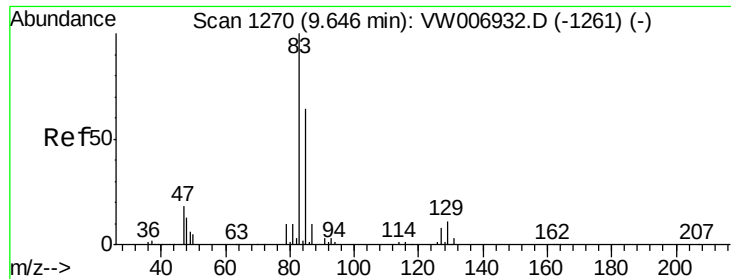
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#46
 Dibromomethane
 Concen: 92.74 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW006934.D
 Acq: 17 Nov 2018 01:00

Tgt Ion: 93 Resp: 58057
 Ion Ratio Lower Upper
 93 100
 95 83.3 65.7 98.5
 174 93.5 75.0 112.4





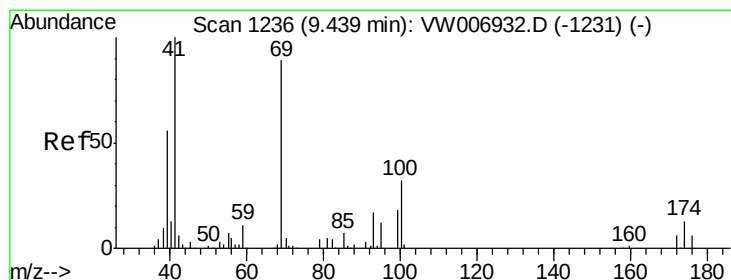
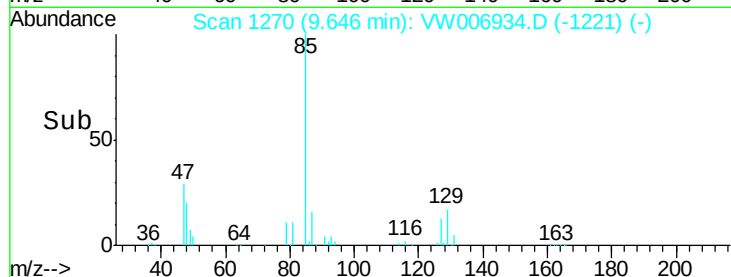
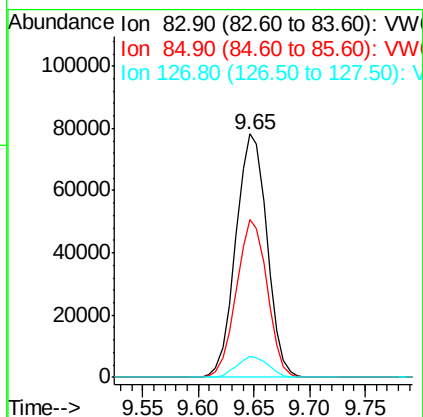
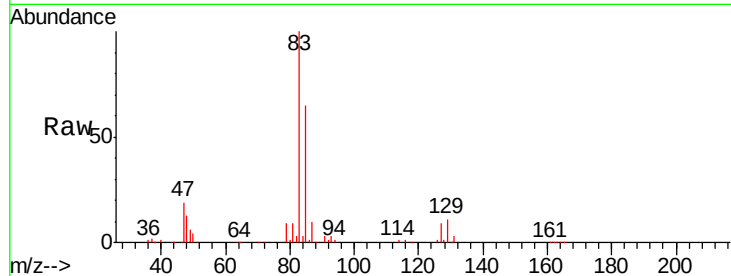
#47
Bromodichloromethane
Concen: 97.14 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	50.8	76.2
127	8.6	6.6	10.0

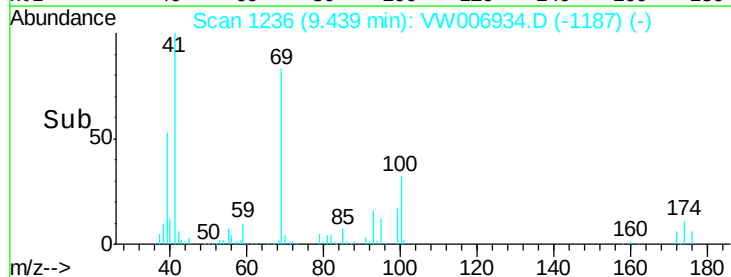
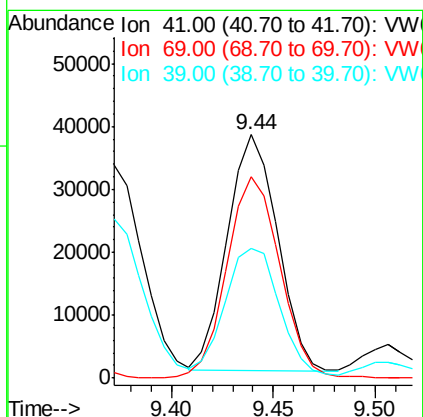
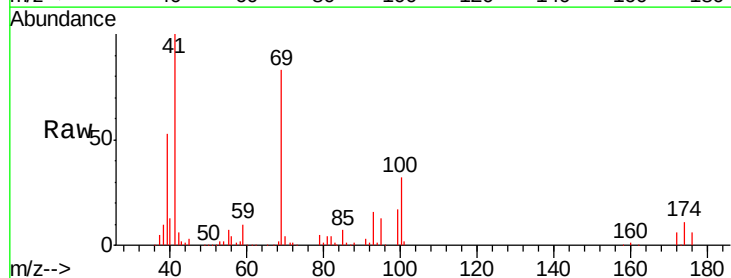
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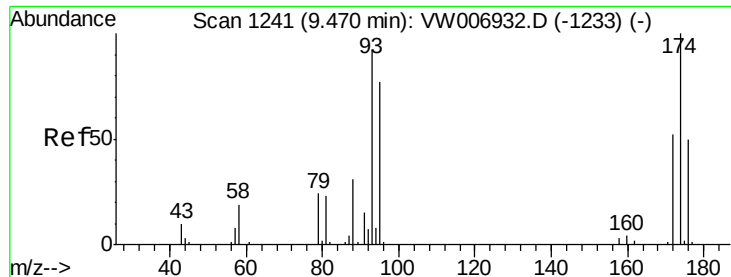
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#48
Methyl methacrylate
Concen: 115.08 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Tgt Ion	Ratio	Lower	Upper
41	100		
69	90.1	73.4	110.0
39	60.9	46.1	69.1





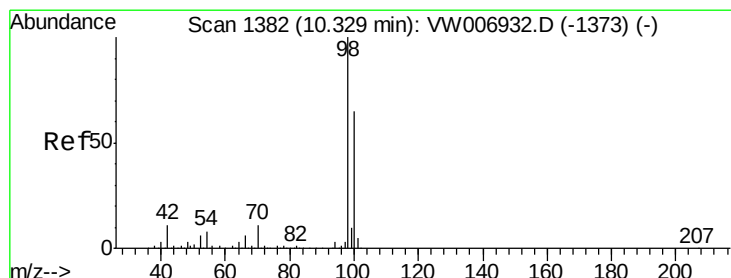
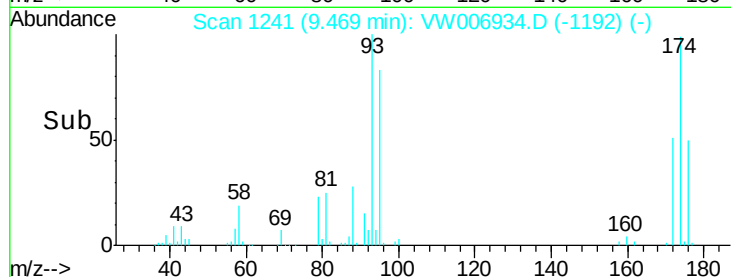
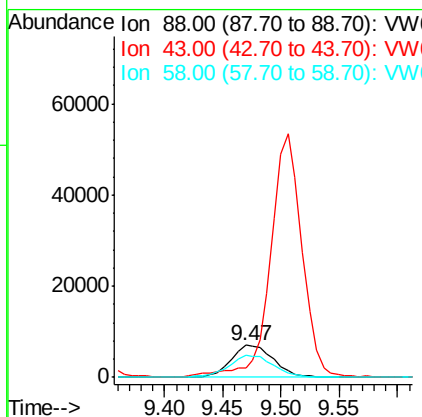
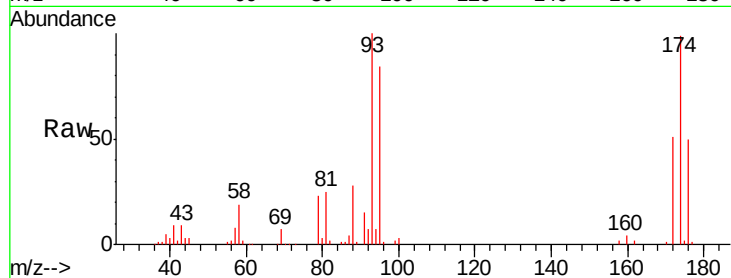
#49
 1,4-Dioxane
 Concen: 1874.55 ug/l
 RT: 9.47 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: VW006934.D
 Acq: 17 Nov 2018 01:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	73.2	57.4	86.2

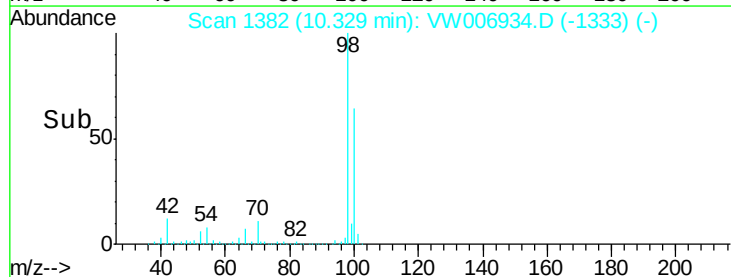
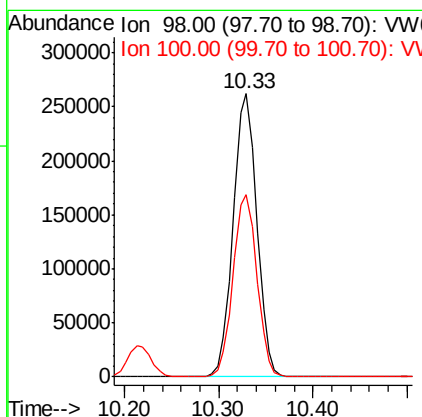
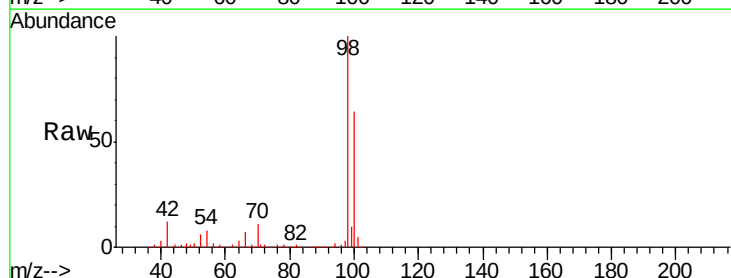
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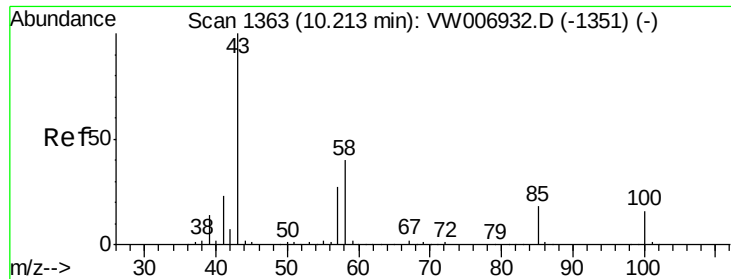
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#50
 Toluene-d8
 Concen: 98.19 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VW006934.D
 Acq: 17 Nov 2018 01:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.3	78.5





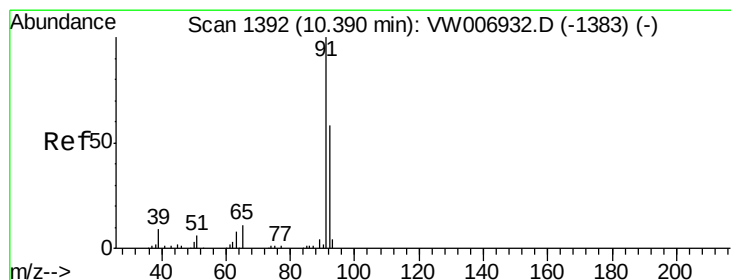
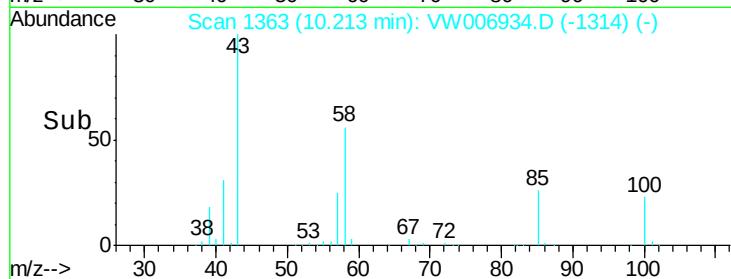
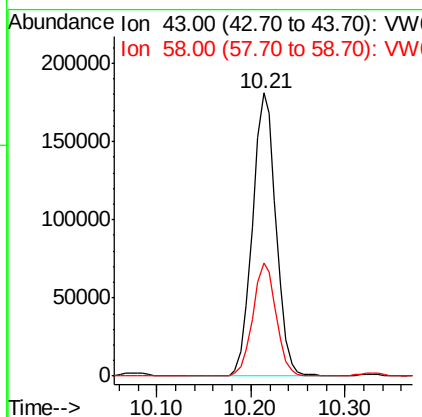
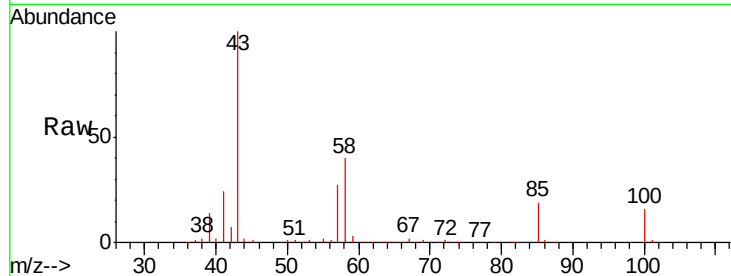
#51
4-Methyl-2-Pentanone
Concen: 553.12 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 318663
Ion Ratio Lower Upper
43 100
58 39.5 31.0 46.4

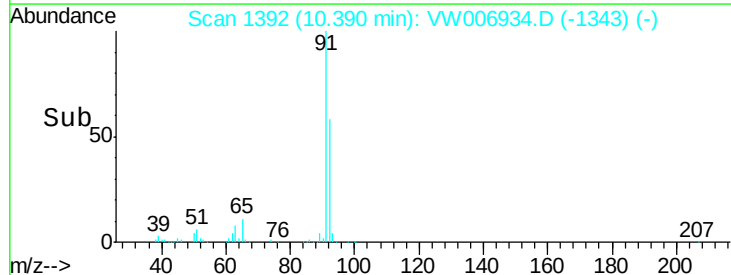
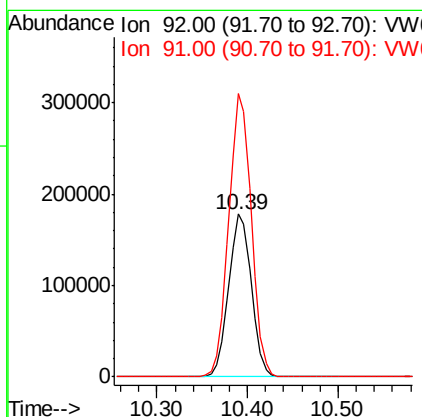
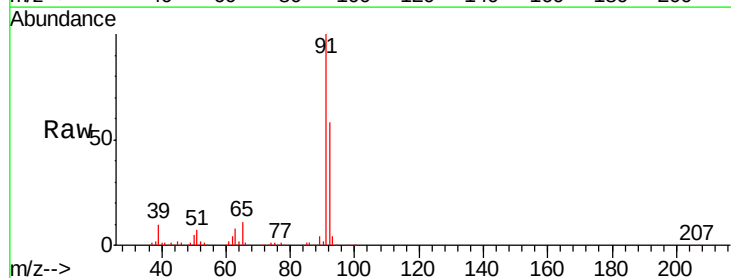
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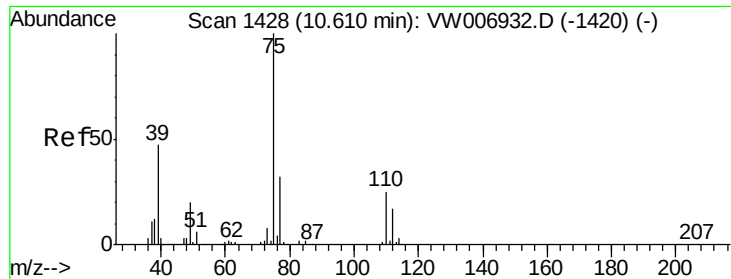
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#52
Toluene
Concen: 91.16 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Tgt Ion: 92 Resp: 309686
Ion Ratio Lower Upper
92 100
91 172.8 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 104.15 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tgt Ion: 75 Resp: 160546

Ion Ratio Lower Upper

75 100

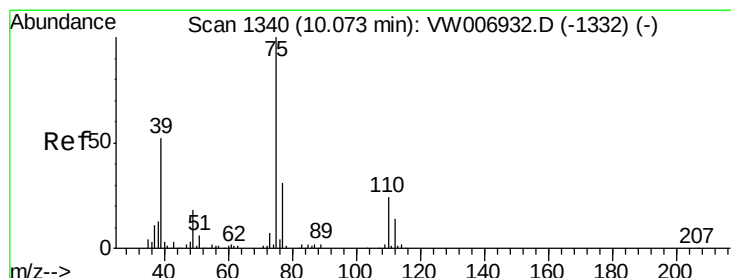
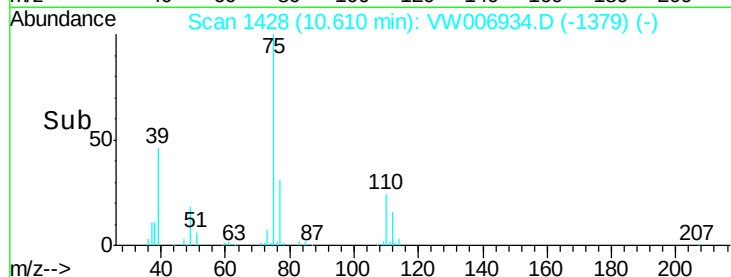
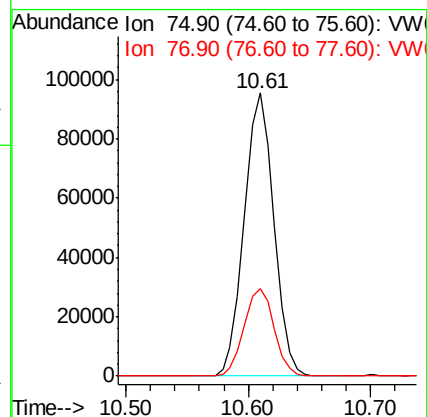
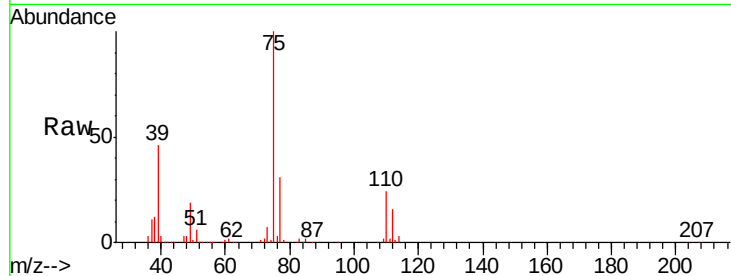
77 30.9 25.2 37.8

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 101.16 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

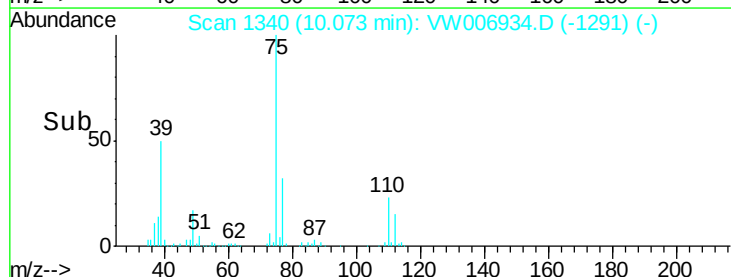
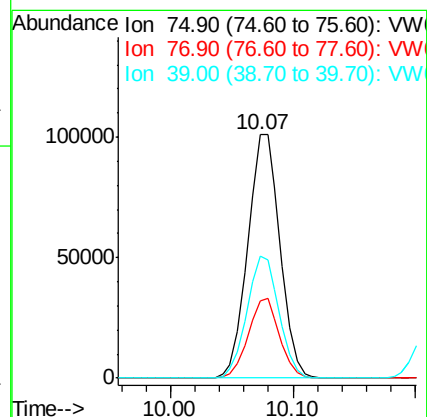
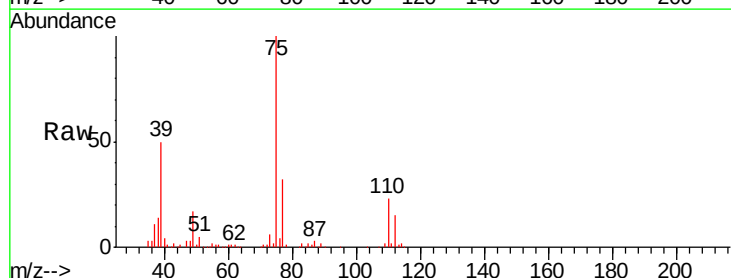
Tgt Ion: 75 Resp: 185049

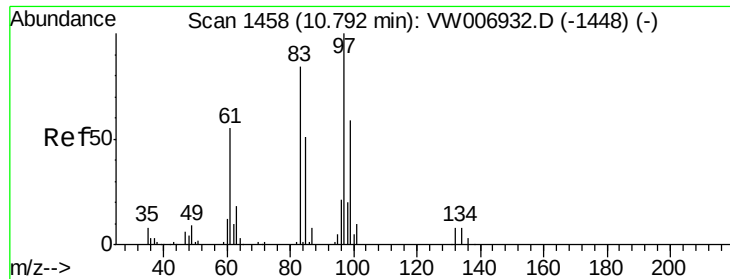
Ion Ratio Lower Upper

75 100

77 31.9 24.6 37.0

39 50.2 41.4 62.2





#55

1,1,2-Trichloroethane

Concen: 92.04 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Instrument :

MSVOA_W

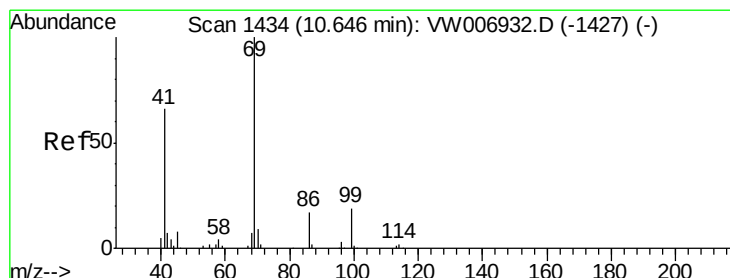
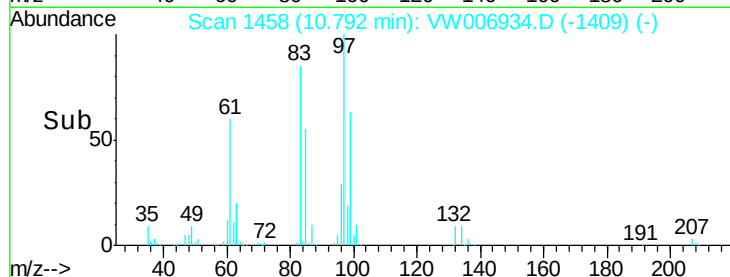
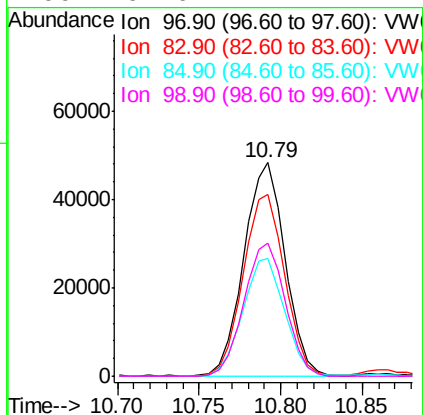
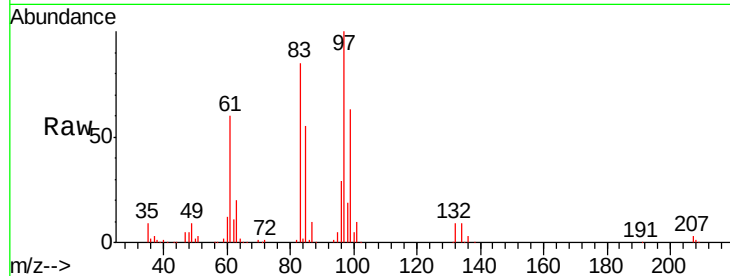
ClientSampleId :

VSTDIC100

Tgt Ion:	97	Resp:	85525
Ion	Ratio	Lower	Upper
97	100		
83	85.0	67.5	101.3
85	55.3	41.0	61.6
99	62.6	47.4	71.2

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#56

Ethyl methacrylate

Concen: 108.70 ug/l

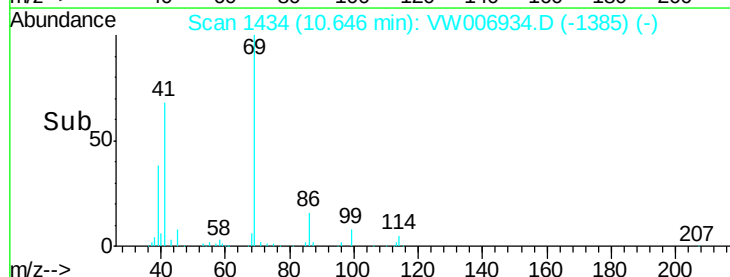
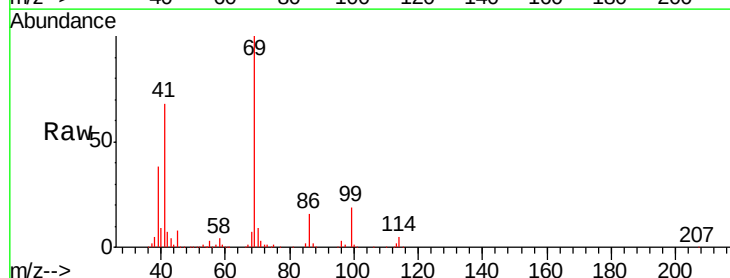
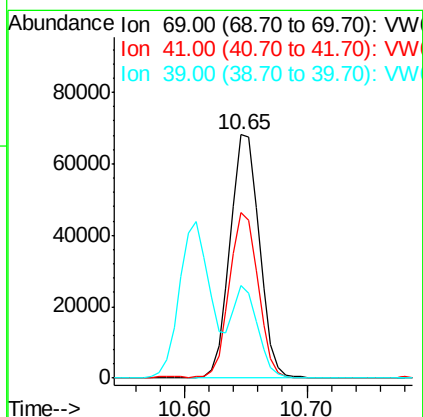
RT: 10.65 min Scan# 1434

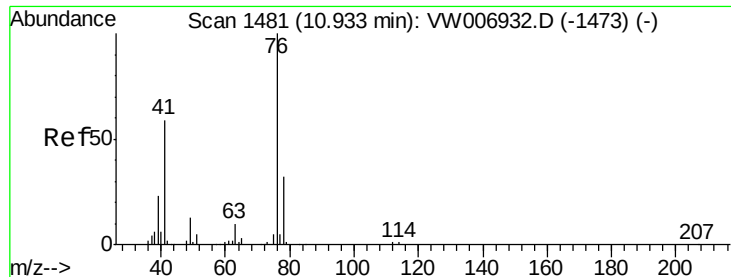
Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Tgt Ion:	69	Resp:	112797
Ion	Ratio	Lower	Upper
69	100		
41	66.6	53.8	80.6
39	31.3	29.0	43.6





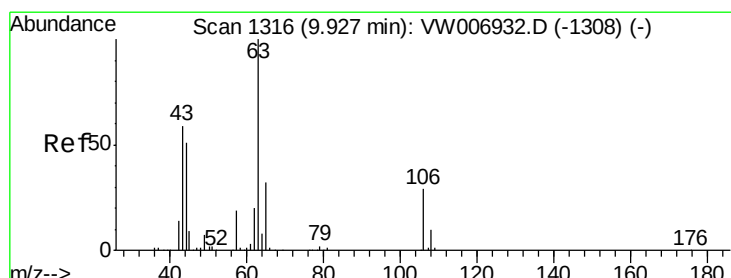
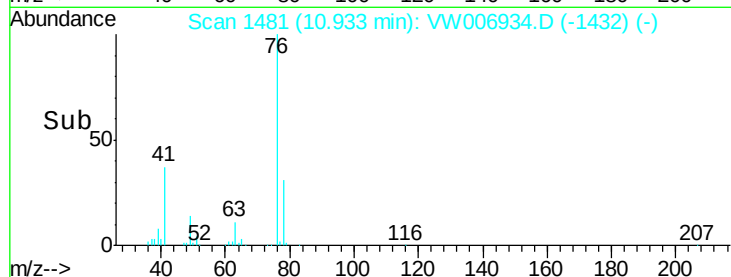
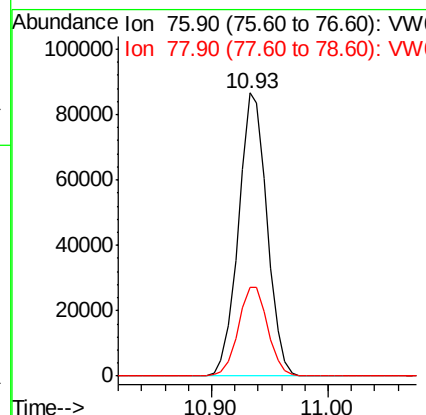
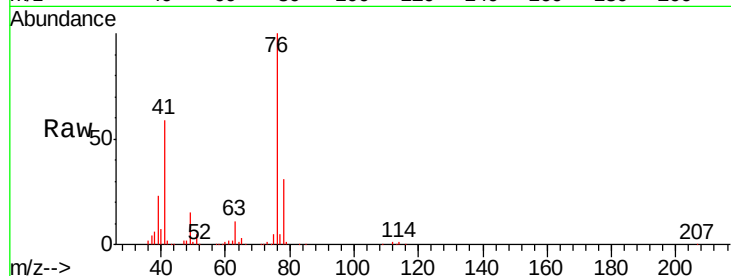
#57
 1,3-Dichloropropane
 Concen: 99.30 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW006934.D
 Acq: 17 Nov 2018 01:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion: 76 Resp: 147658
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.0 39.0

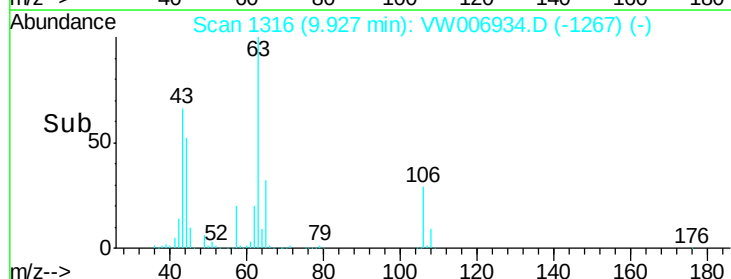
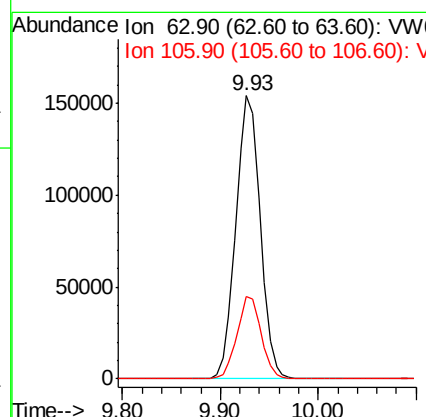
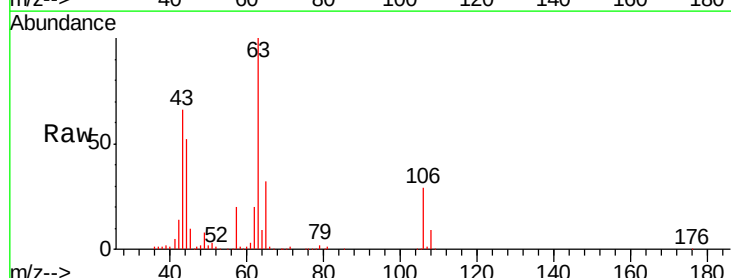
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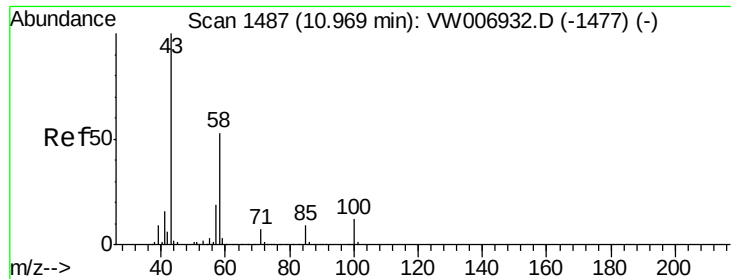
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#58
 2-Chloroethyl Vinyl ether
 Concen: 522.49 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006934.D
 Acq: 17 Nov 2018 01:00

Tgt Ion: 63 Resp: 267095
 Ion Ratio Lower Upper
 63 100
 106 28.7 22.6 33.8





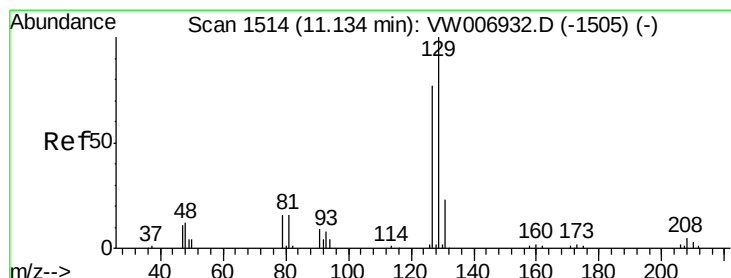
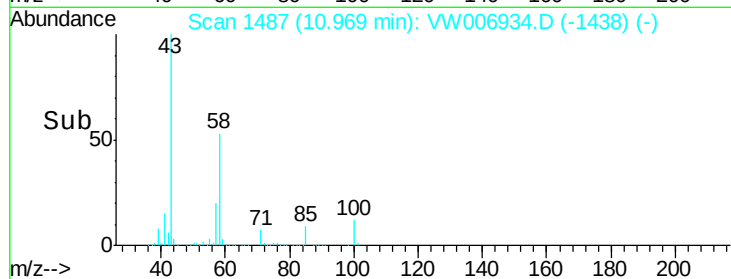
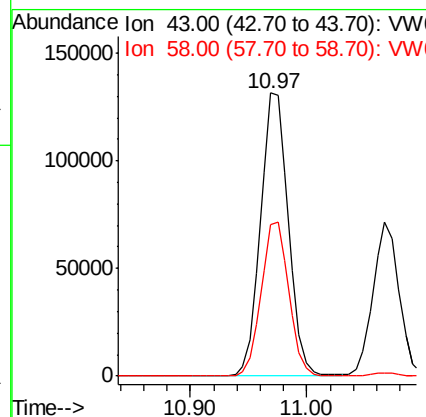
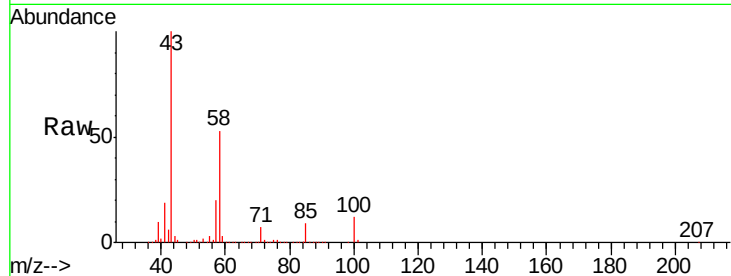
#59
2-Hexanone
Concen: 556.34 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 219850
Ion Ratio Lower Upper
43 100
58 54.1 26.8 80.4

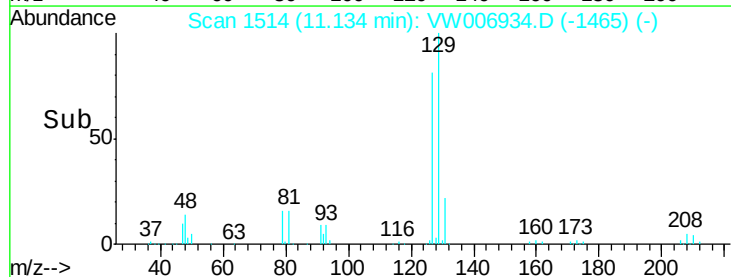
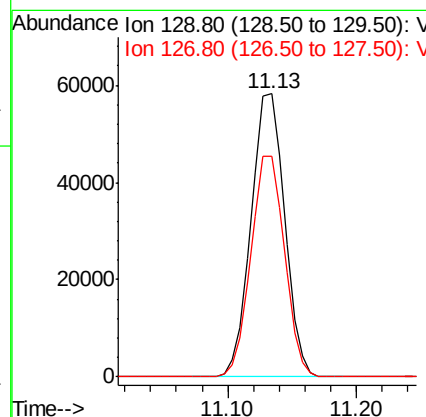
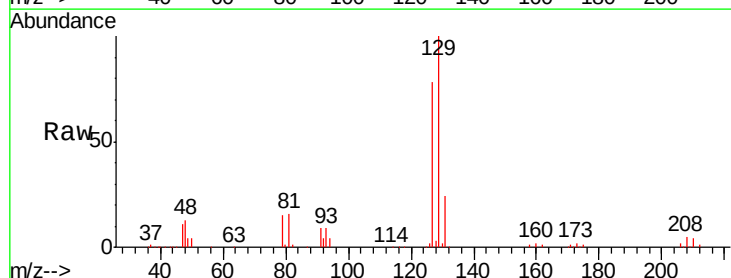
Manual Integrations
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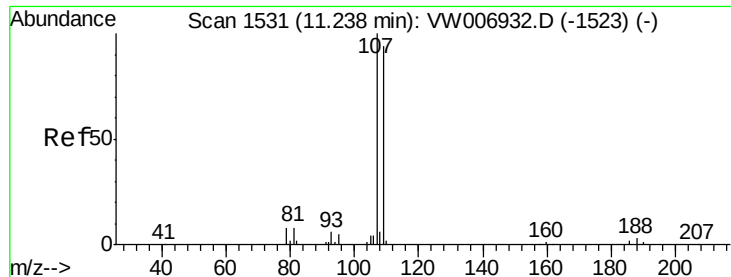
apatel
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#60
Dibromochloromethane
Concen: 93.44 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Tgt Ion: 129 Resp: 105039
Ion Ratio Lower Upper
129 100
127 77.8 38.1 114.3





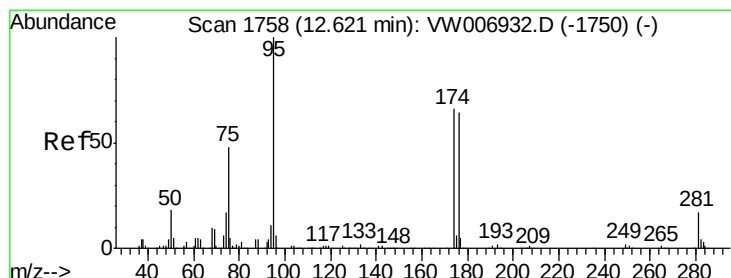
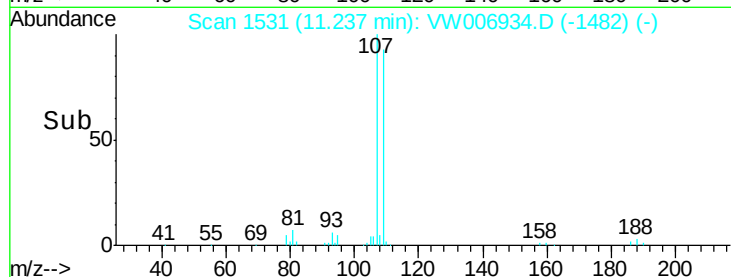
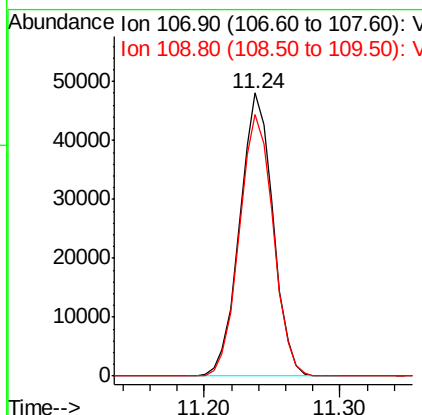
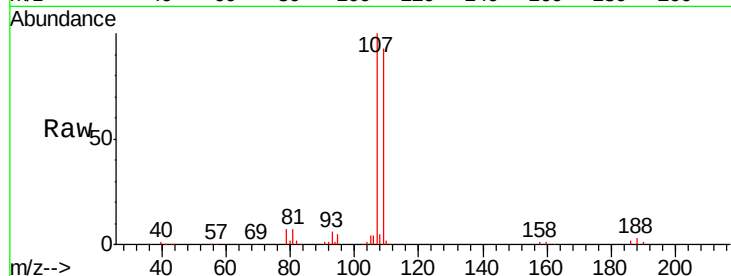
#61
 1,2-Dibromoethane
 Concen: 93.29 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006934.D
 Acq: 17 Nov 2018 01:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion: 107 Resp: 81945
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.5 113.3

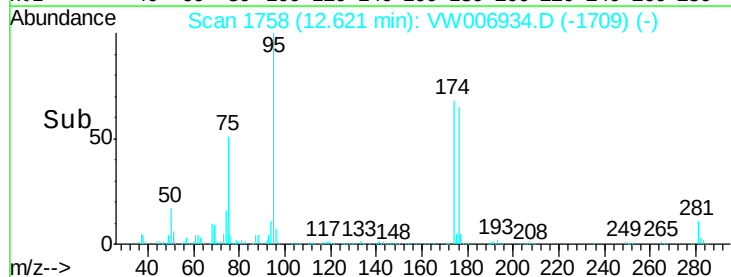
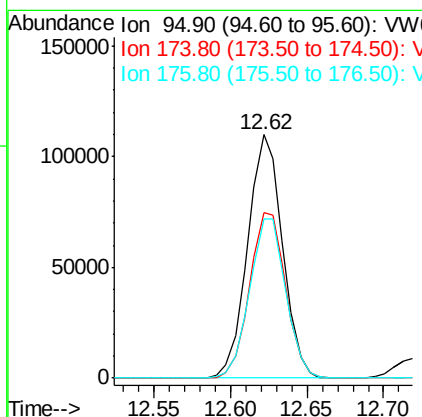
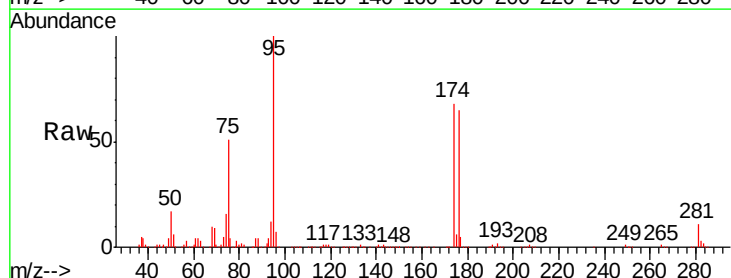
Manual Integrations
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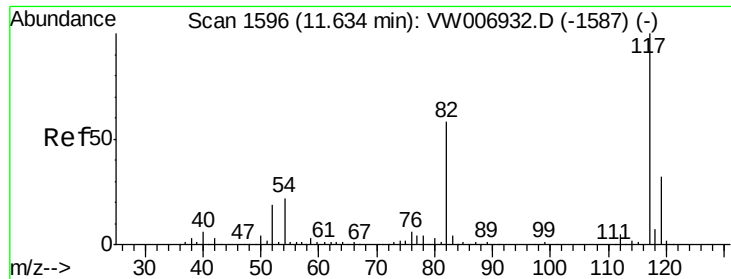
apatel
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#62
 4-Bromofluorobenzene
 Concen: 100.38 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006934.D
 Acq: 17 Nov 2018 01:00

Tgt Ion: 95 Resp: 173635
 Ion Ratio Lower Upper
 95 100
 174 70.5 0.0 138.4
 176 68.3 0.0 133.4





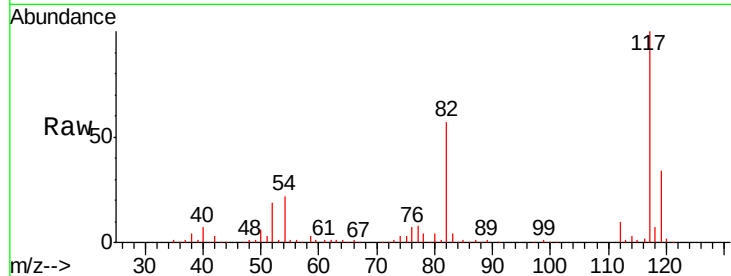
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	172638		
82	57.1	46.2	69.2	
119	33.6	25.5	38.3	

Manual Integrations
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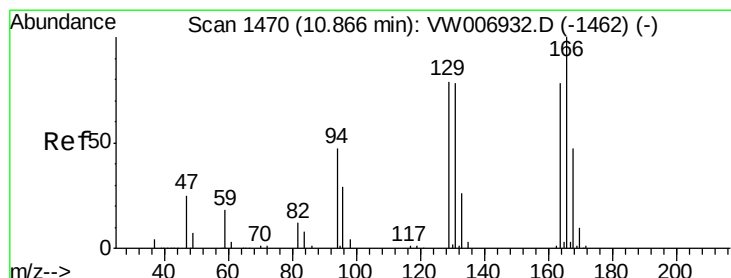
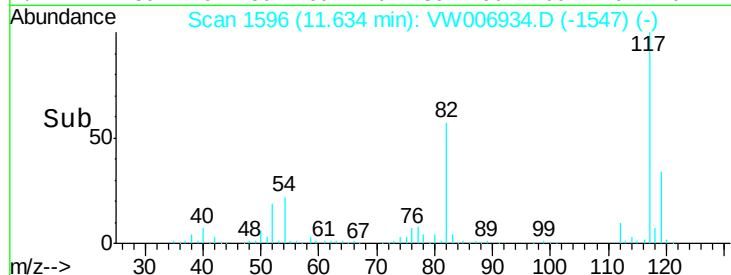
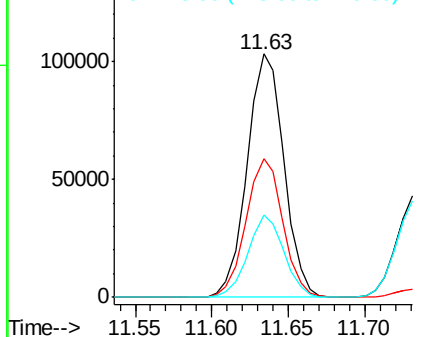


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 79.19 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	105705		
166	127.0	102.6	154.0	
129	103.1	81.0	121.4	
131	99.1	80.2	120.2	

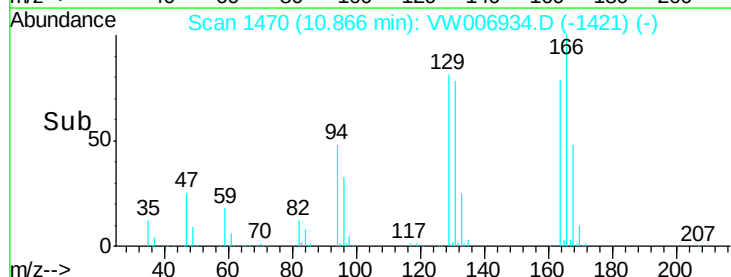
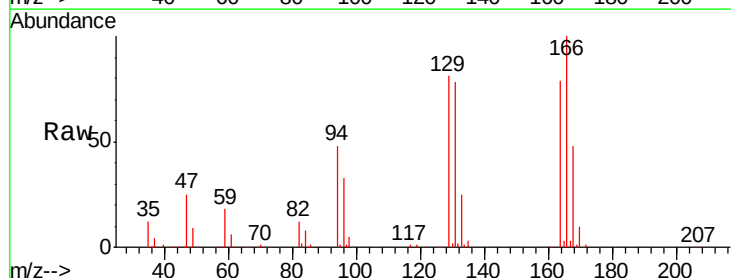
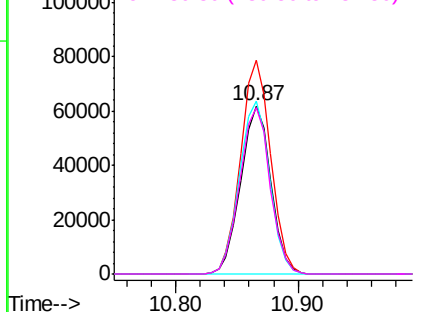
Abundance

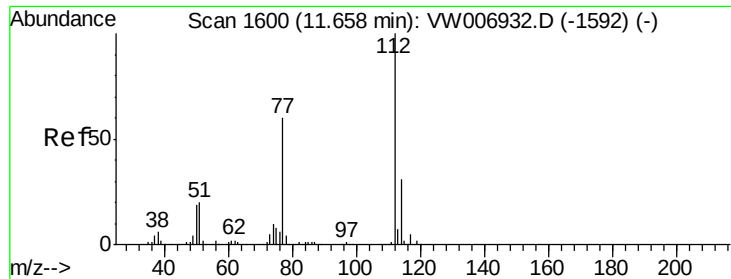
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





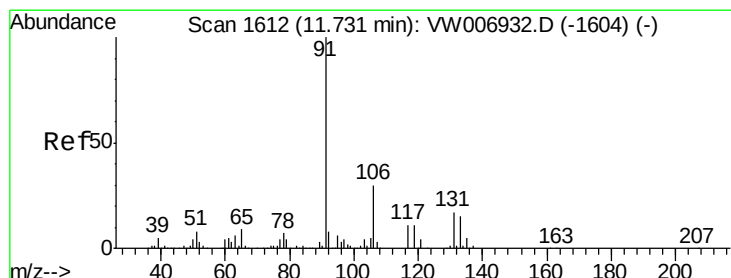
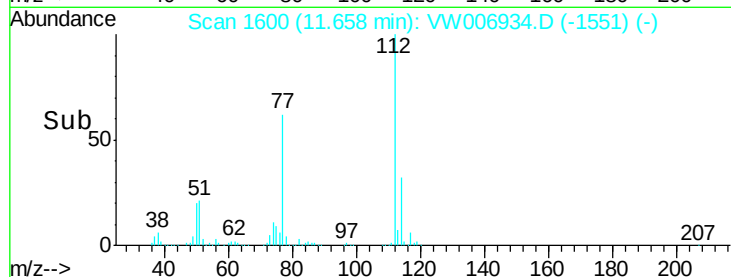
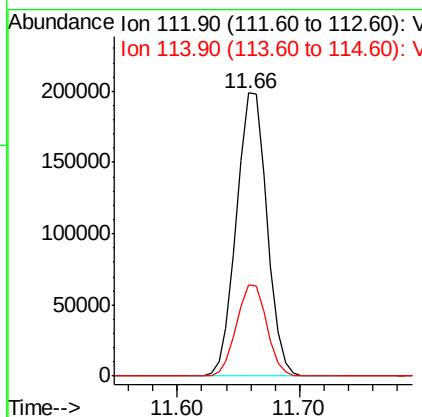
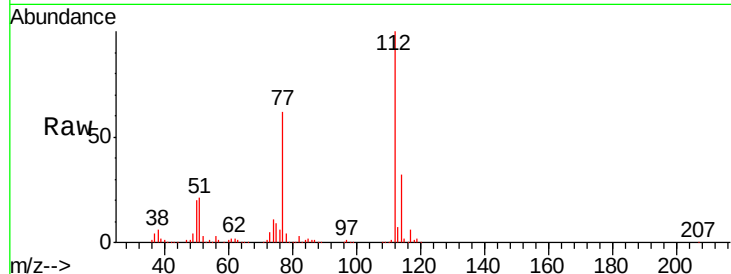
#65
Chlorobenzene
Concen: 90.46 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:112 Resp: 343874
Ion Ratio Lower Upper
112 100
114 32.1 24.6 37.0

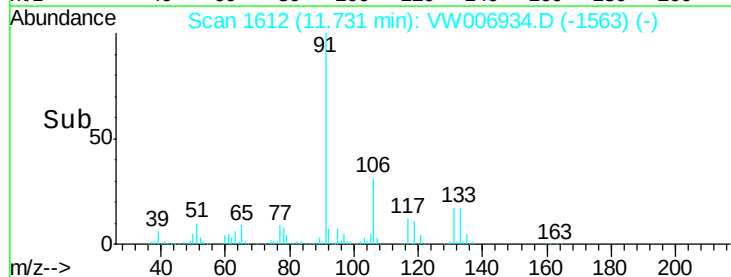
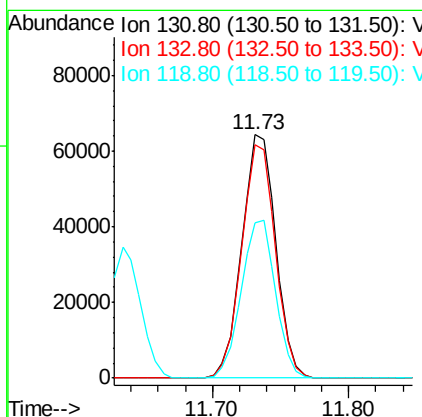
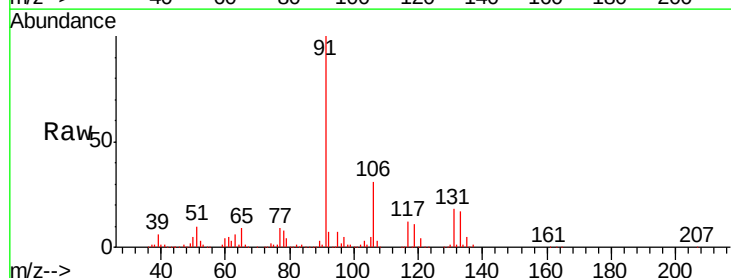
Manual Integrations
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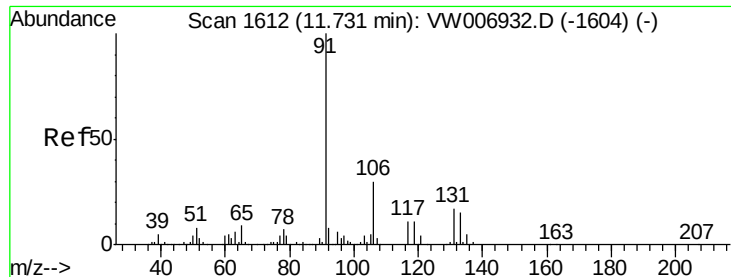
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#66
1,1,1,2-Tetrachloroethane
Concen: 91.27 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Tgt Ion:131 Resp: 112267
Ion Ratio Lower Upper
131 100
133 95.6 47.2 141.6
119 65.3 32.5 97.4





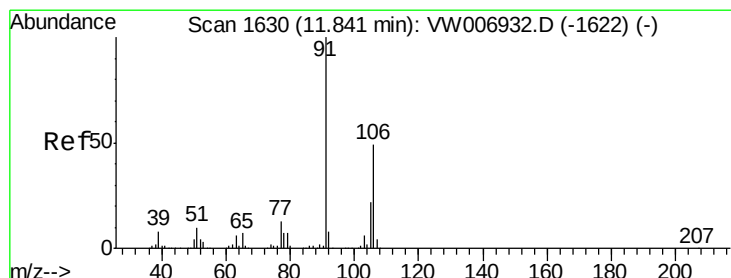
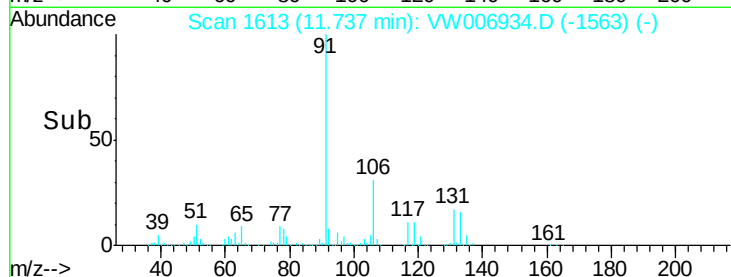
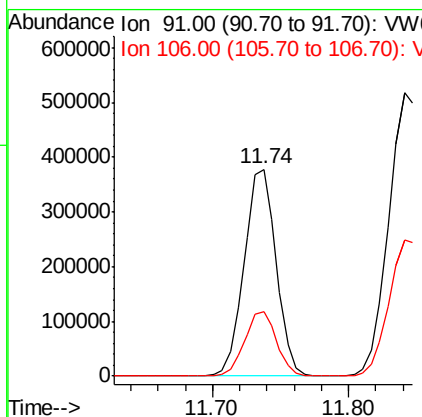
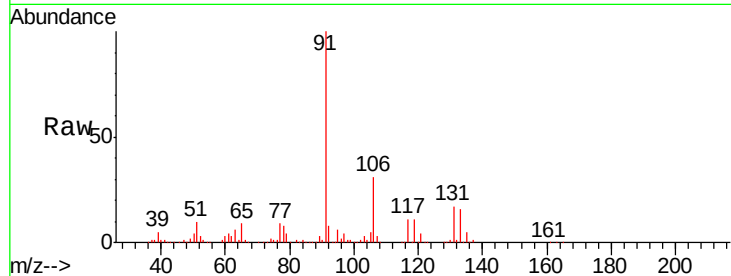
#67
Ethyl Benzene
Concen: 95.45 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 622895
Ion Ratio Lower Upper
91 100
106 31.2 24.0 36.0

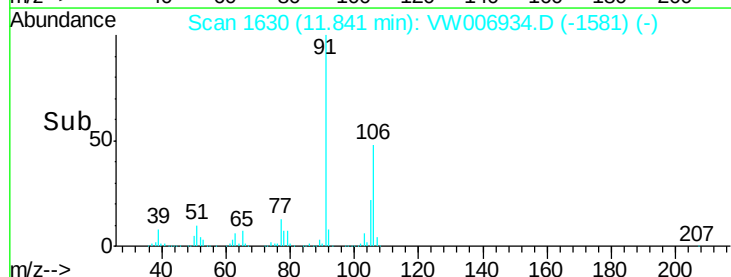
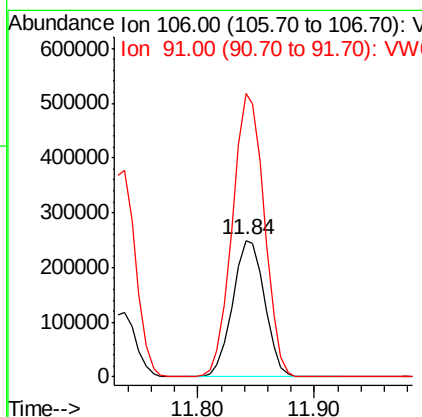
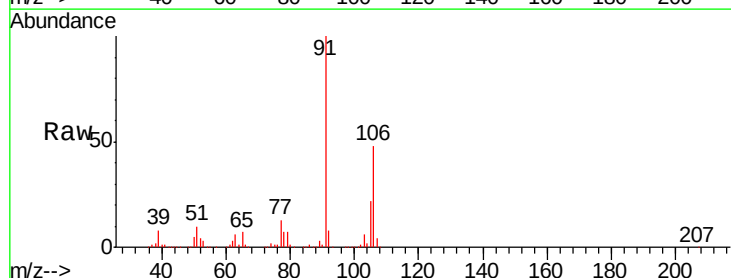
Manual Integrations
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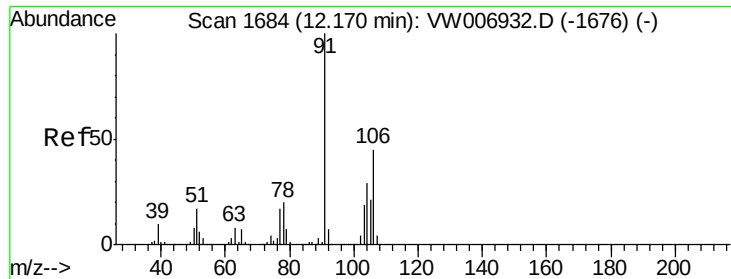
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#68
m/p-Xylenes
Concen: 180.47 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Tgt Ion: 106 Resp: 477428
Ion Ratio Lower Upper
106 100
91 206.9 165.0 247.4





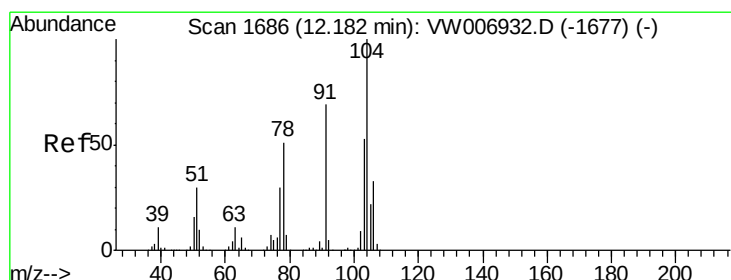
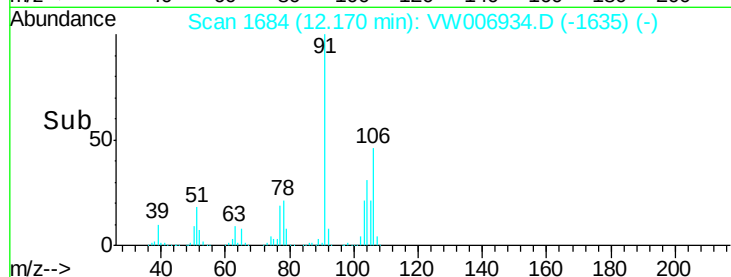
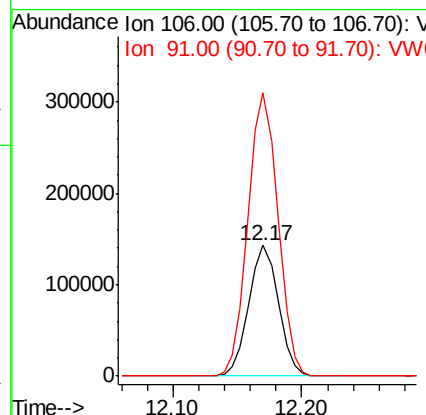
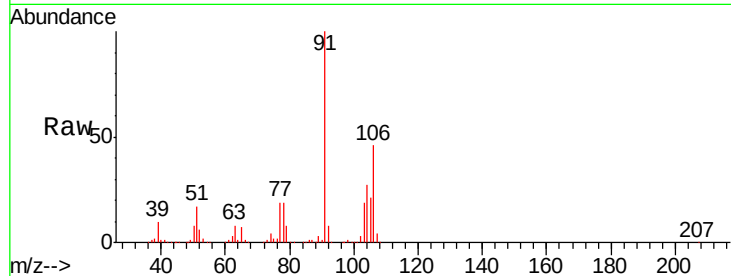
#69
o-Xylene
Concen: 92.10 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 227336
Ion Ratio Lower Upper
106 100
91 219.0 109.2 327.6

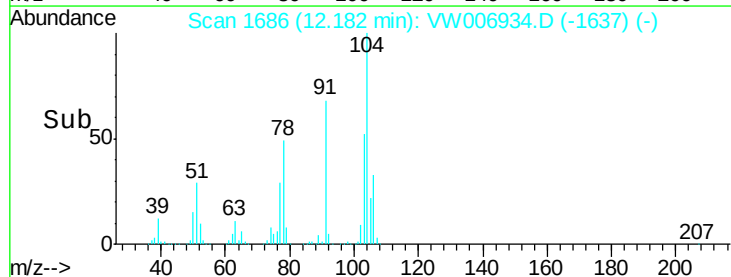
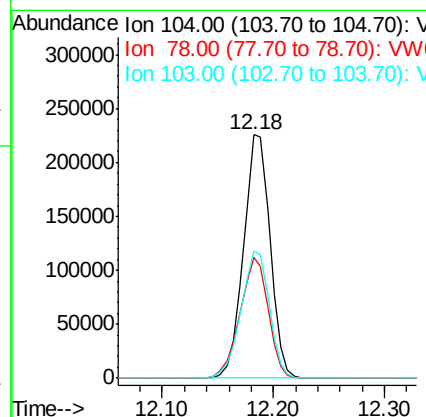
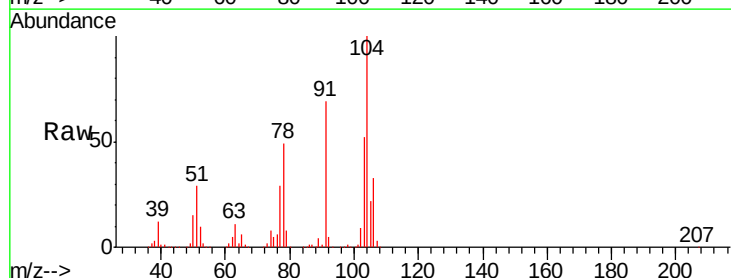
Manual Integrations
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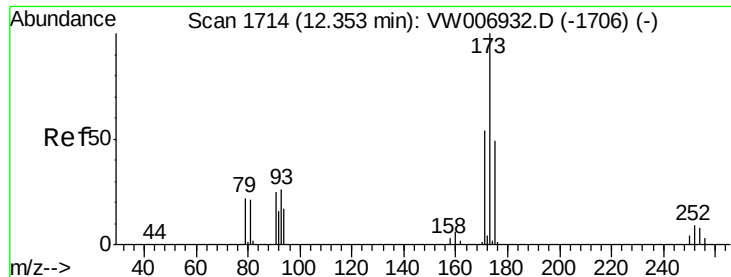
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#70
Styrene
Concen: 93.93 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Tgt Ion:104 Resp: 371939
Ion Ratio Lower Upper
104 100
78 52.6 42.5 63.7
103 55.8 44.3 66.5





#71

Bromoform

Concen: 82.97 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion:173 Resp: 54367

Ion Ratio Lower Upper

173 100

175 48.2 24.0 72.0

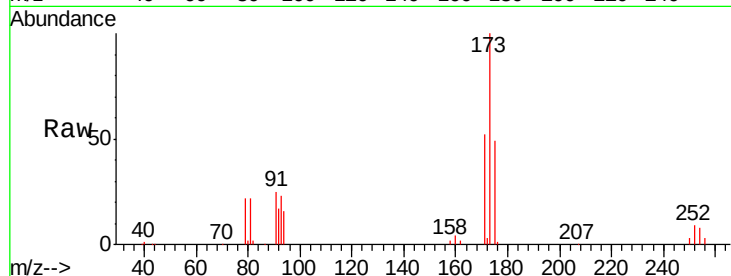
254 0.0 0.0 0.0

Manual Integrations

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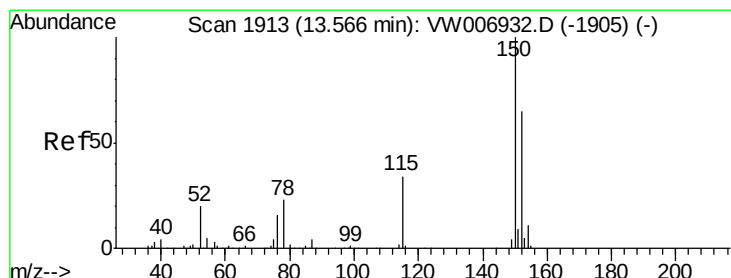
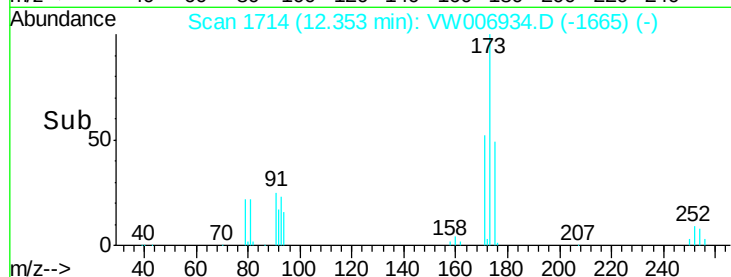
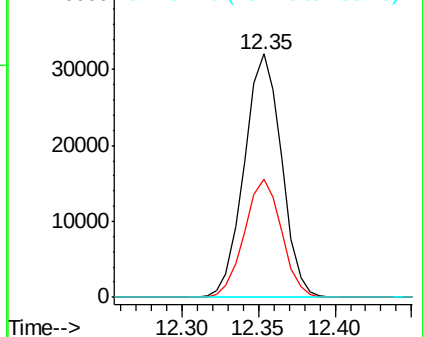
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

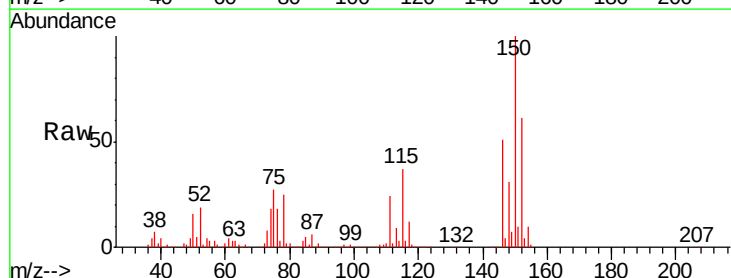
Tgt Ion:152 Resp: 82115

Ion Ratio Lower Upper

152 100

115 63.4 31.6 94.7

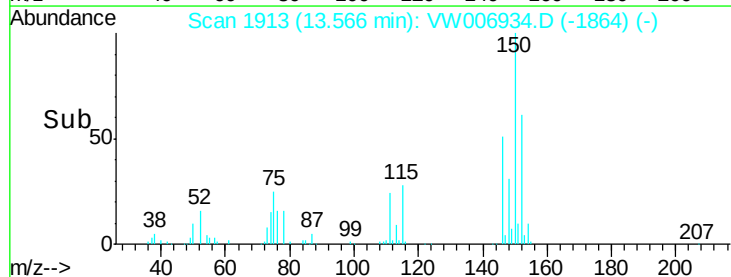
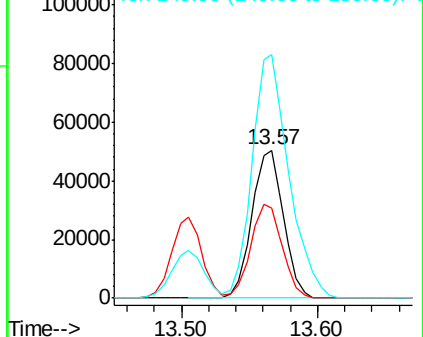
150 191.3 0.0 350.0

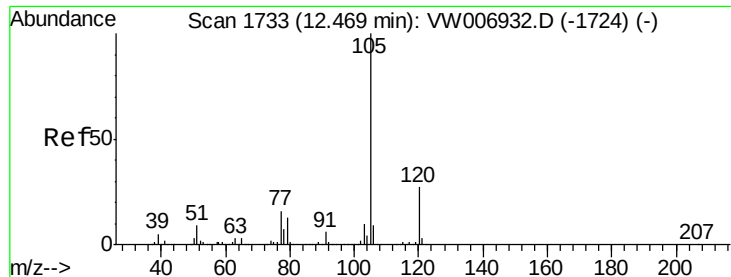


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 106.38 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 105 Resp: 618992

Ion Ratio Lower Upper

105 100

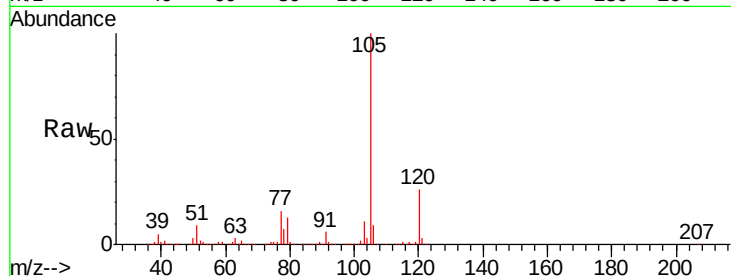
120 26.2 13.2 39.6

Manual Integrations

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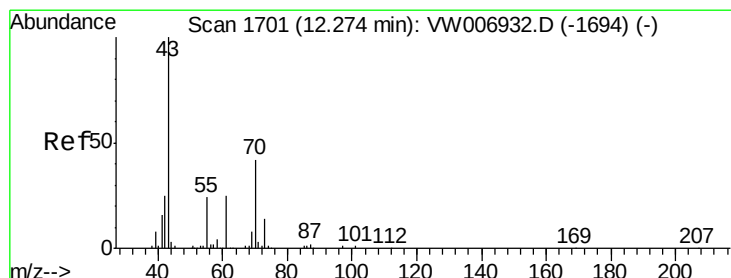
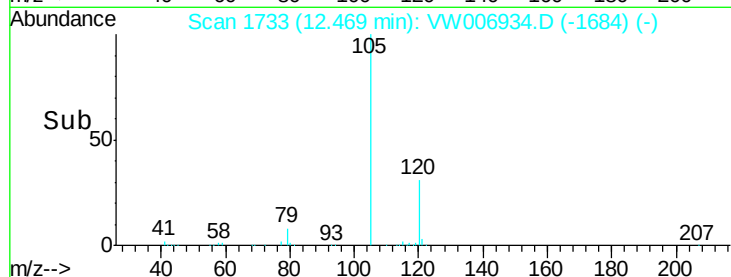
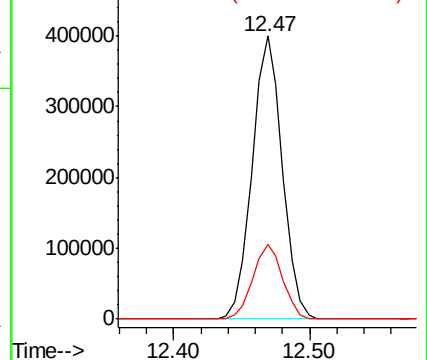
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 134.48 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Tgt Ion: 43 Resp: 125474

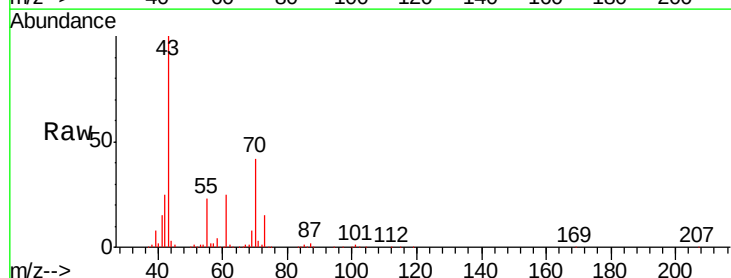
Ion Ratio Lower Upper

43 100

70 41.7 34.2 51.4

55 23.7 19.5 29.3

61 24.2 19.7 29.5

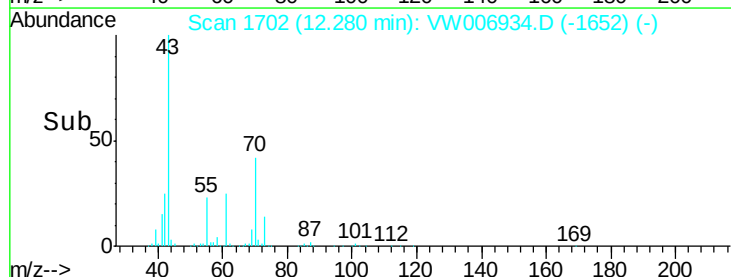
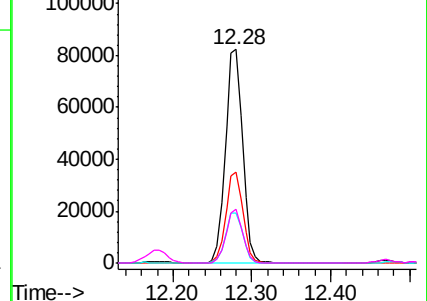


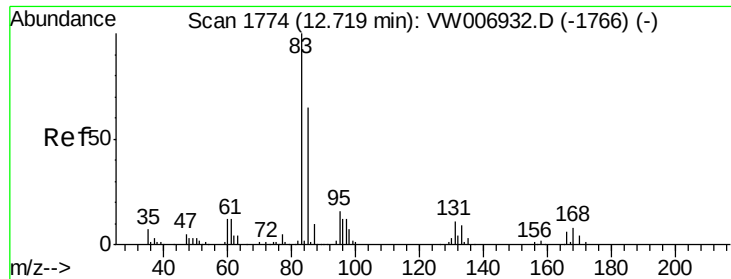
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 109.79 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Instrument :

MSVOA_W

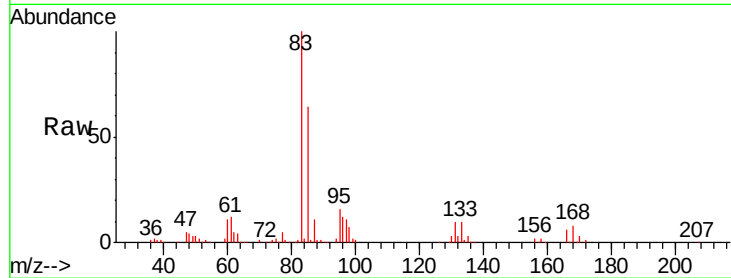
ClientSampleId :

VSTDIC100

Tgt Ion:	83	Resp:	89147
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.6	16.8
85	64.6	32.5	97.5

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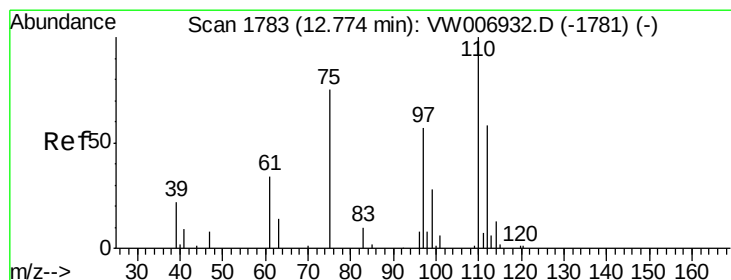
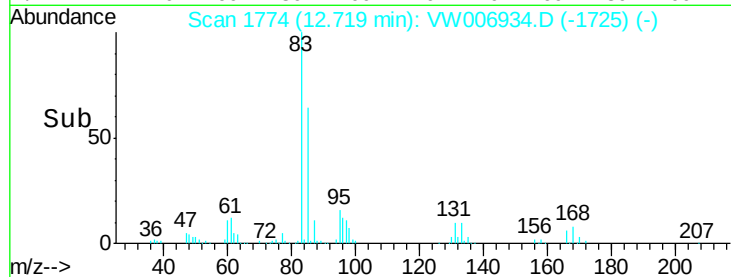
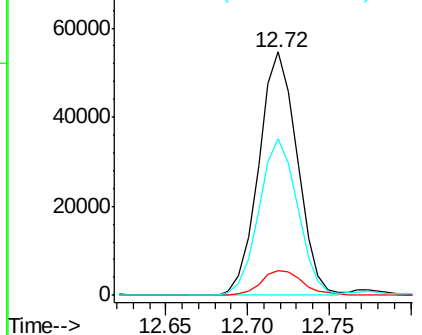
apatel
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Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 95.58 ug/l m

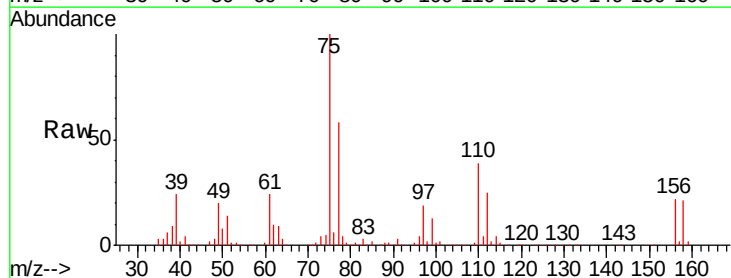
RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW006934.D

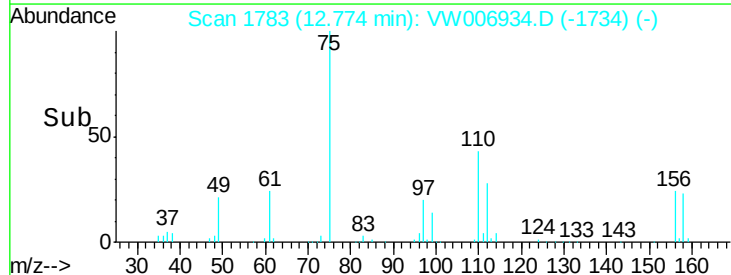
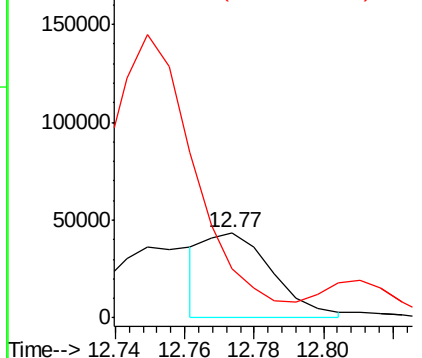
Acq: 17 Nov 2018 01:00

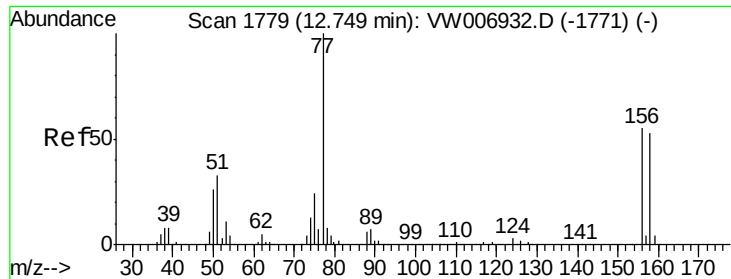
Tgt Ion:	75	Resp:	59236
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 92.34 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Instrument :

MSVOA_W

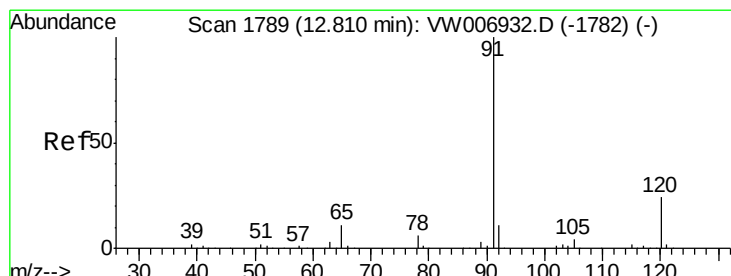
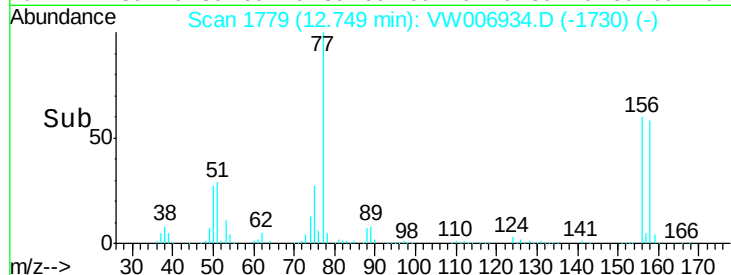
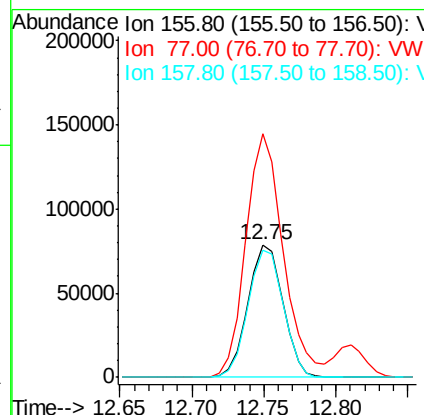
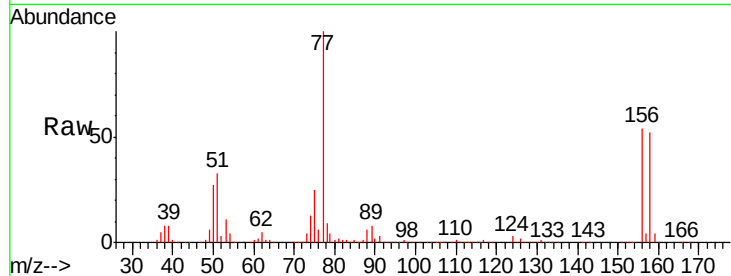
ClientSampleId :

VSTDIC100

Tgt Ion:	156	Resp:	132161
Ion Ratio	Lower	Upper	
156	100		
77	197.3	97.8	293.3
158	97.0	47.9	143.7

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#78

n-propylbenzene

Concen: 107.35 ug/l

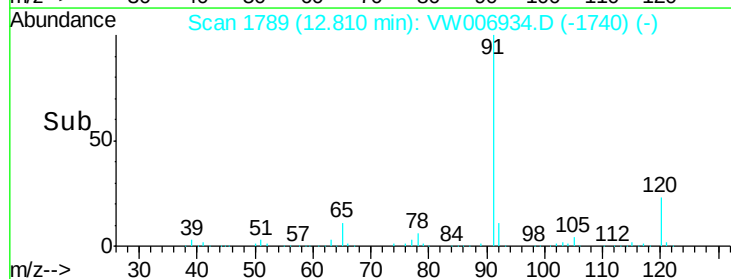
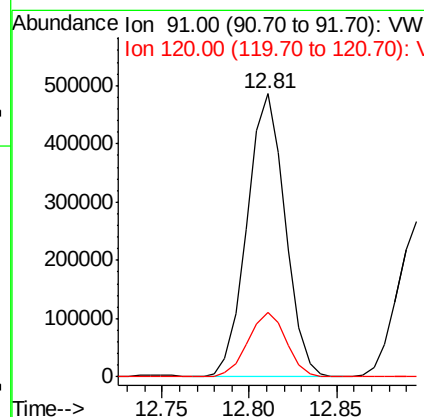
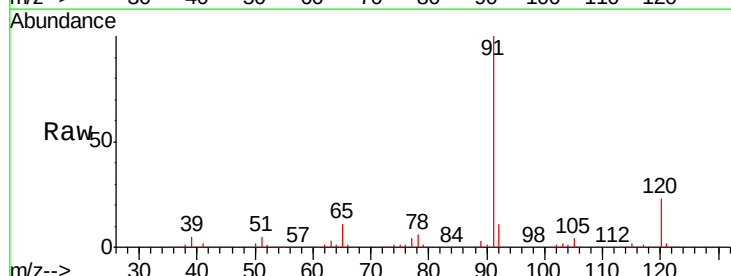
RT: 12.81 min Scan# 1789

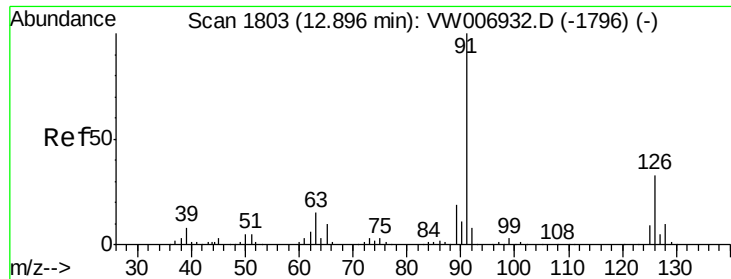
Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Tgt Ion:	91	Resp:	739347
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.5	34.5





#79

2-Chlorotoluene

Concen: 111.13 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 91 Resp: 432696

Ion Ratio Lower Upper

91 100

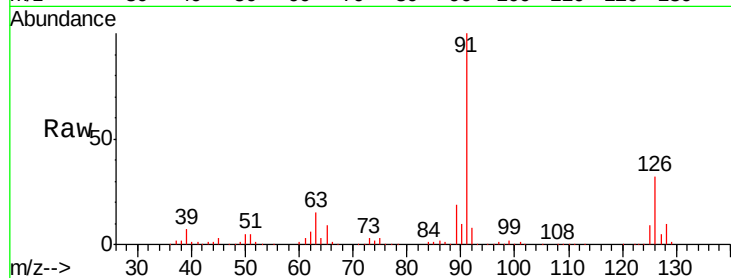
126 32.8 16.6 49.7

Manual Integrations

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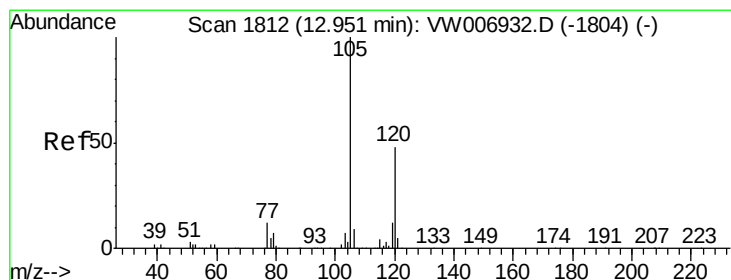
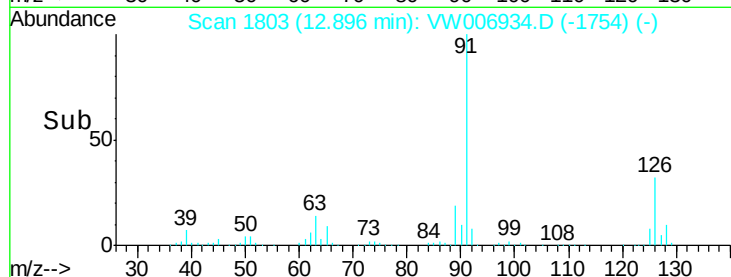
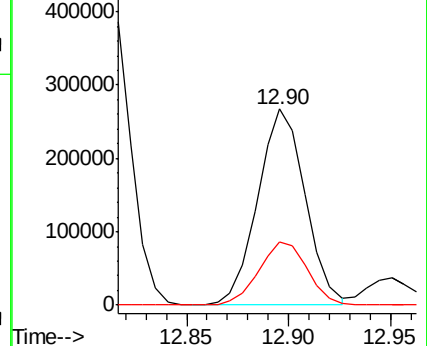
apatel

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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: 107.26 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006934.D

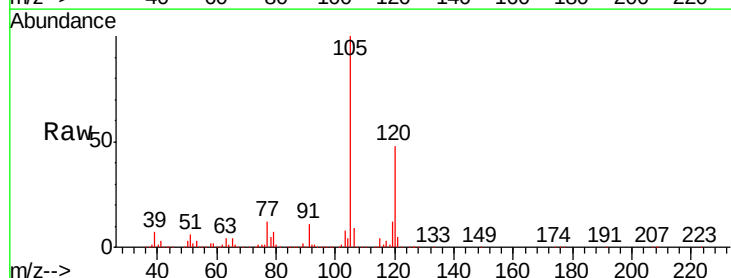
Acq: 17 Nov 2018 01:00

Tgt Ion: 105 Resp: 536194

Ion Ratio Lower Upper

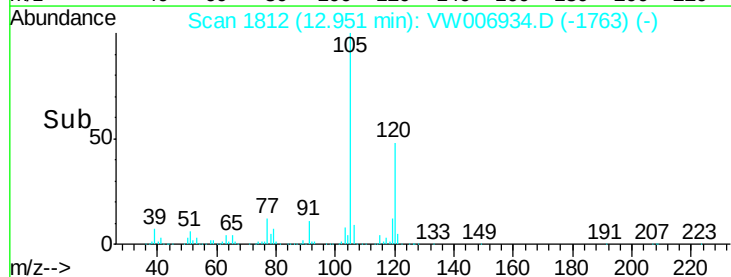
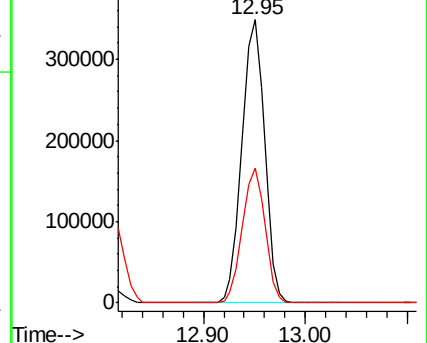
105 100

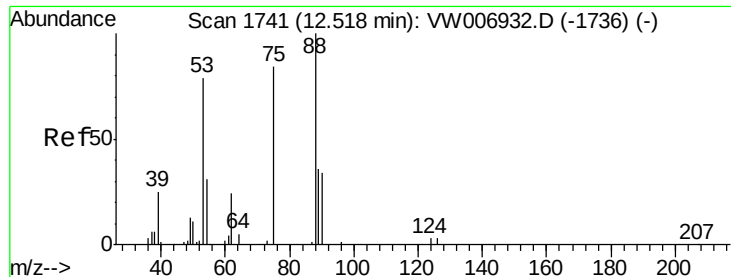
120 47.5 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





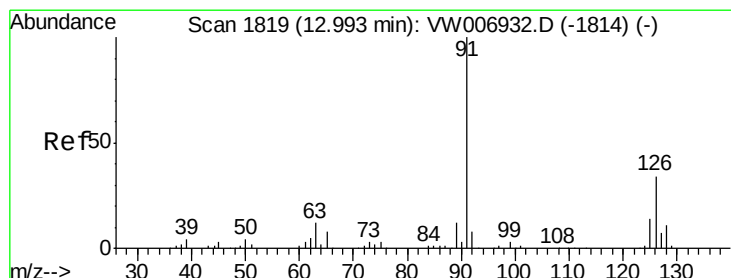
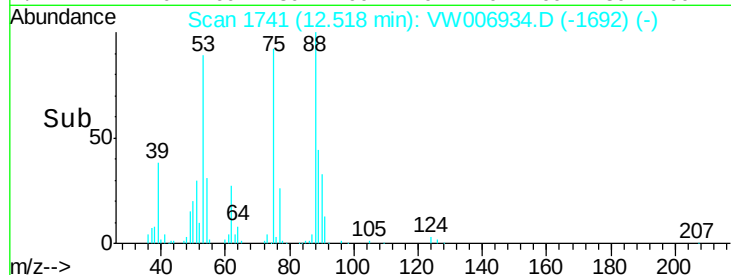
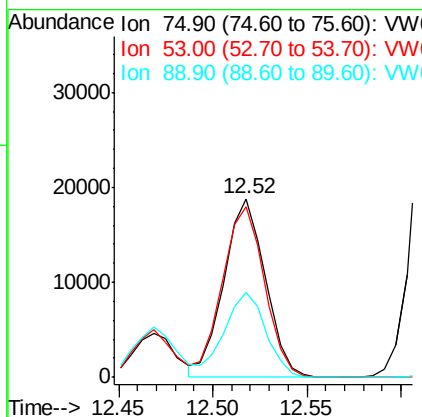
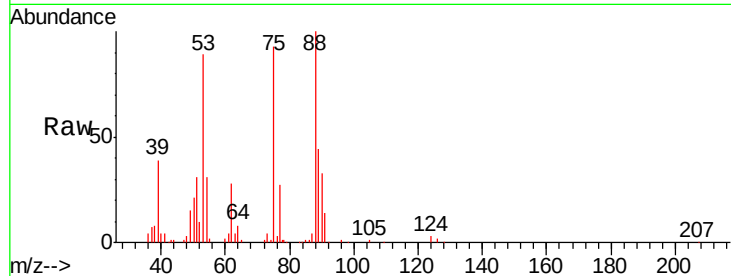
#81
trans-1,4-Dichloro-2-butene
Concen: 116.17 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
75	100		
53	97.5	79.3	118.9
89	47.1	39.5	59.3

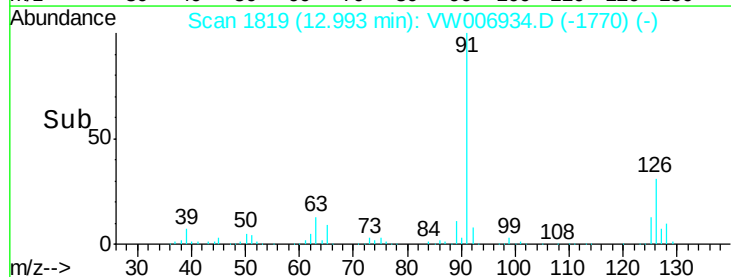
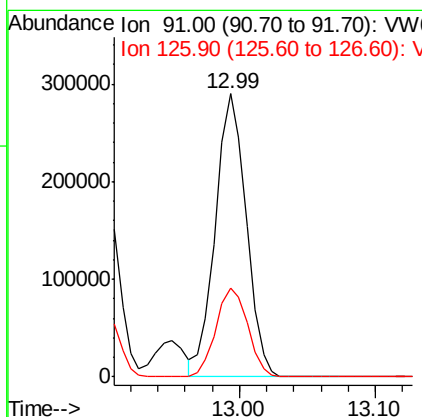
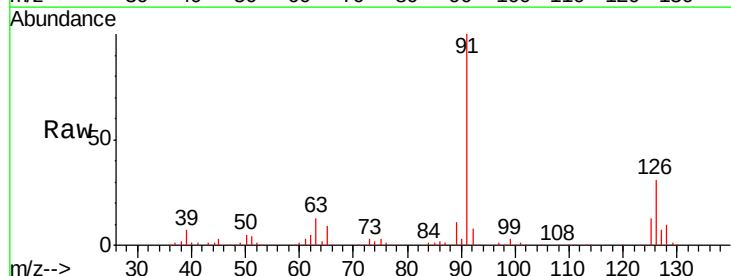
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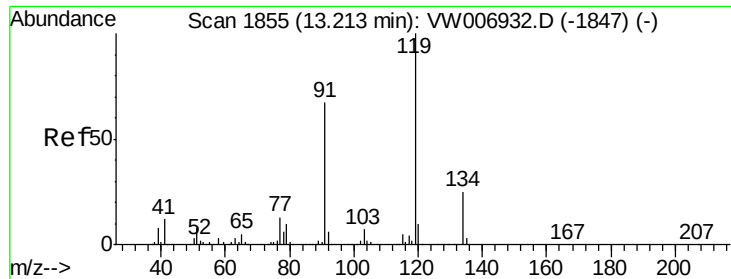
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#82
4-Chlorotoluene
Concen: 109.74 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.2	48.6





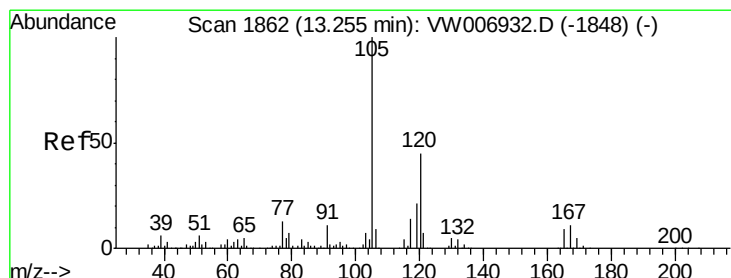
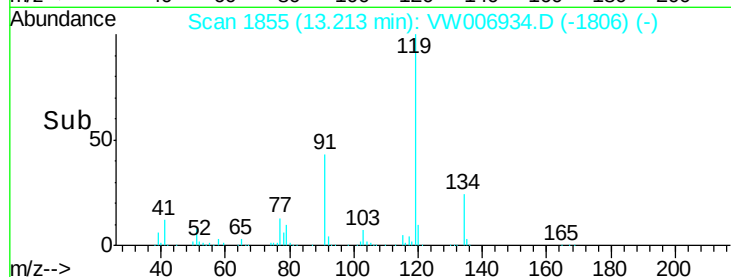
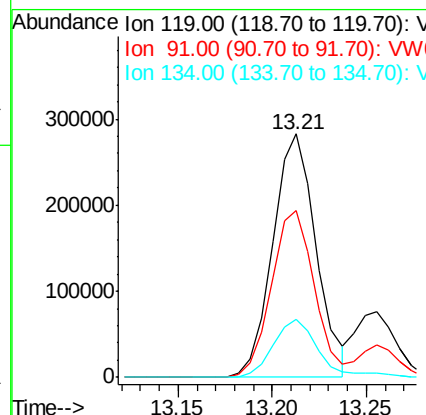
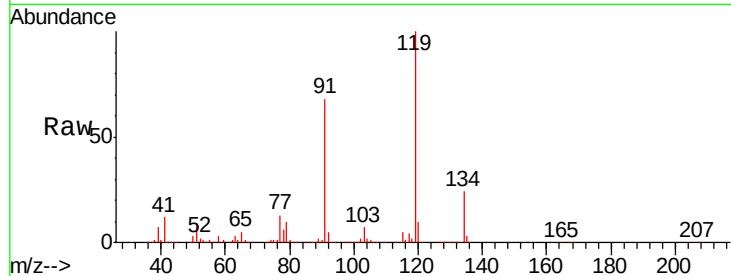
#83
 tert-Butylbenzene
 Concen: 102.71 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW006934.D
 Acq: 17 Nov 2018 01:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Lower	Upper
119	100		
91	67.8	33.8	101.4
134	25.1	12.6	37.8

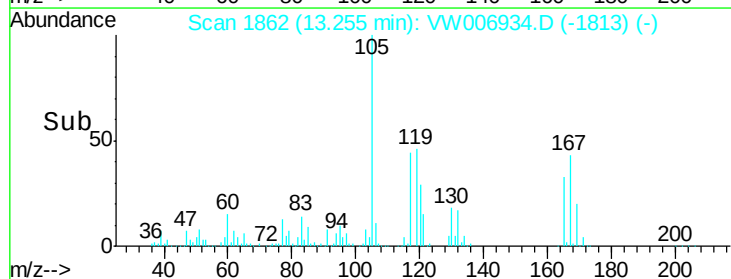
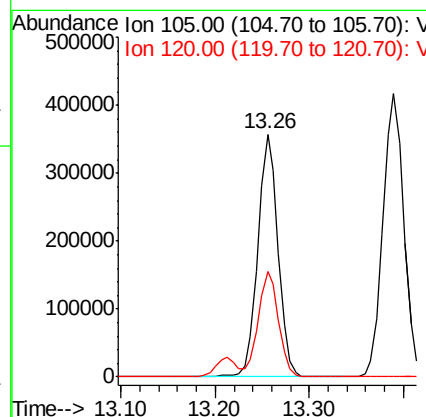
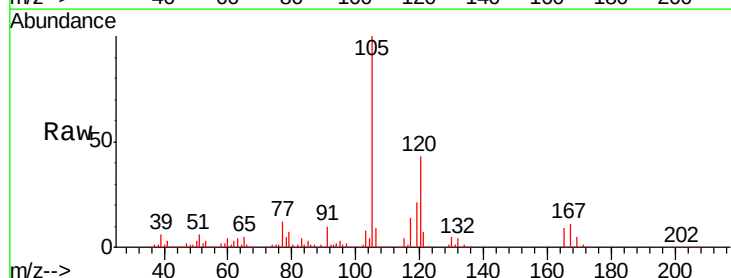
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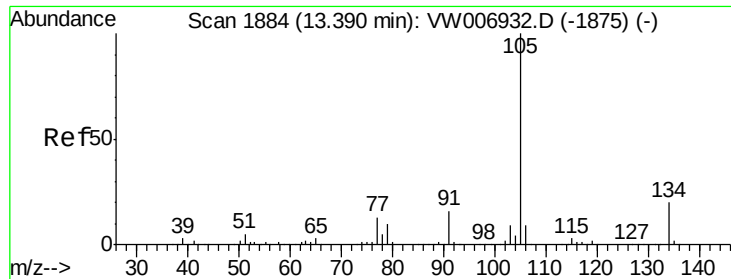
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#84
 1,2,4-Trimethylbenzene
 Concen: 106.35 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006934.D
 Acq: 17 Nov 2018 01:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.3	21.9	65.8





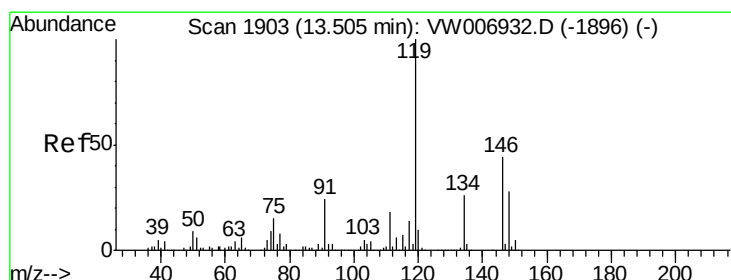
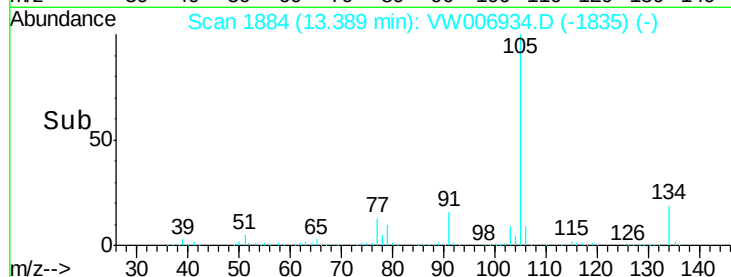
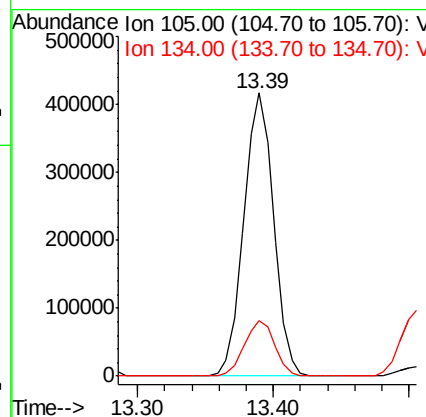
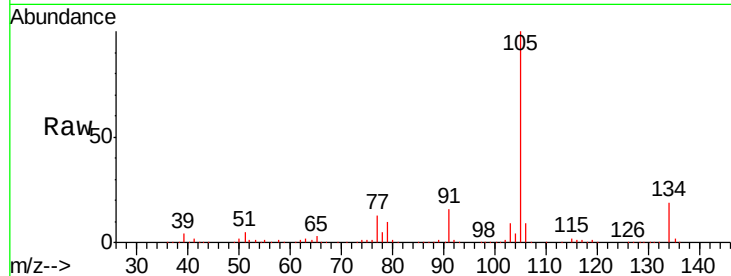
#85
 sec-Butylbenzene
 Concen: 102.61 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006934.D
 Acq: 17 Nov 2018 01:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 638659
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4

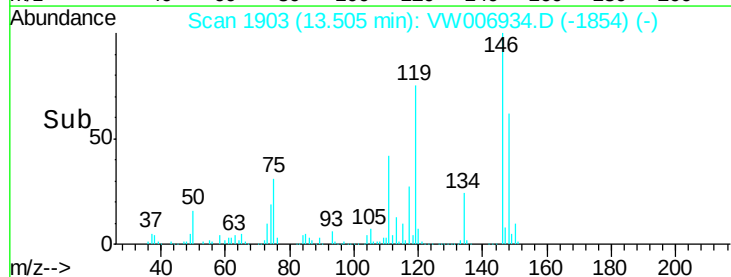
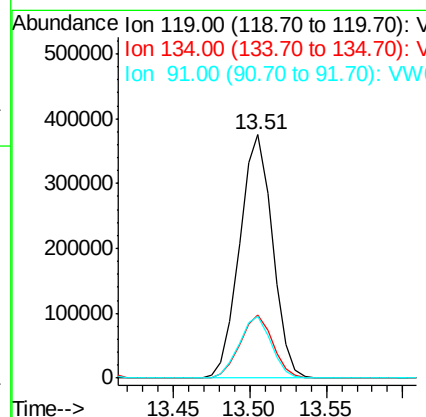
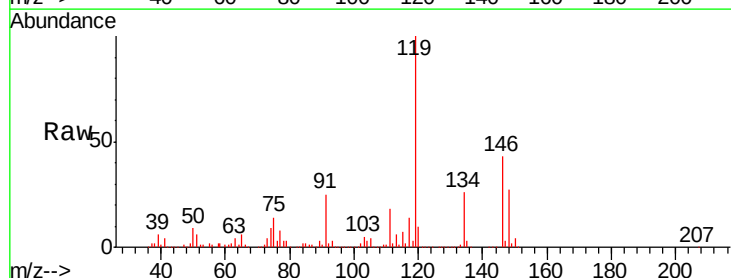
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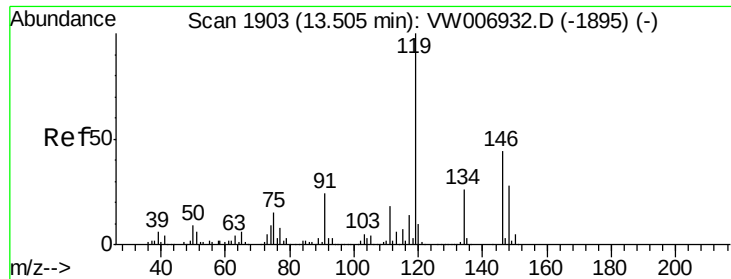
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#86
 p-Isopropyltoluene
 Concen: 99.52 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006934.D
 Acq: 17 Nov 2018 01:00

Tgt Ion:119 Resp: 559308
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.7 38.1
 91 25.0 12.4 37.2





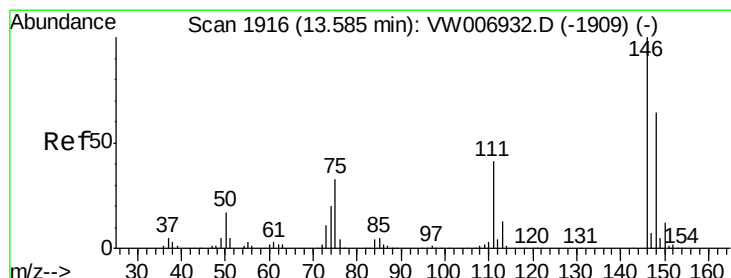
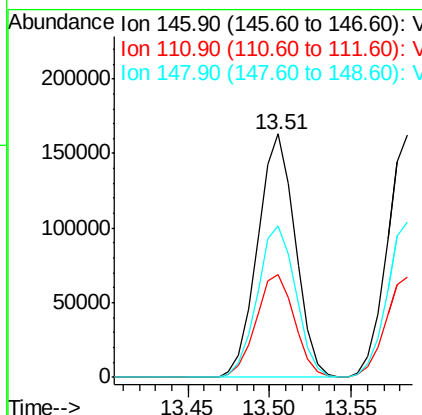
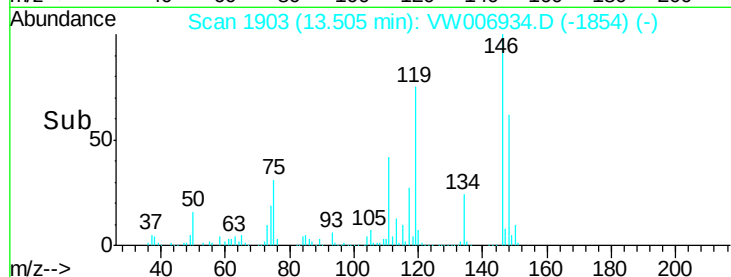
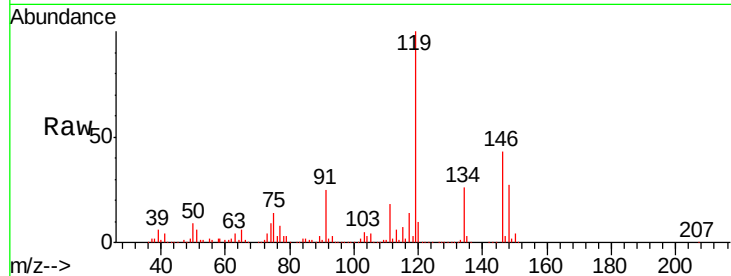
#87
 1,3-Dichlorobenzene
 Concen: 89.87 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006934.D
 Acq: 17 Nov 2018 01:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	261183		
111	43.3	21.3	63.9	
148	63.6	31.9	95.9	

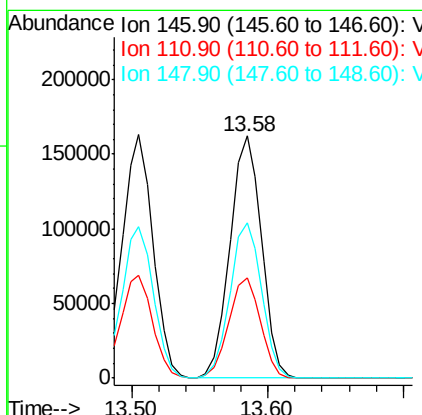
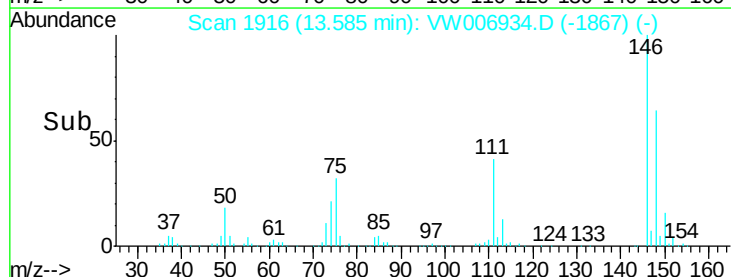
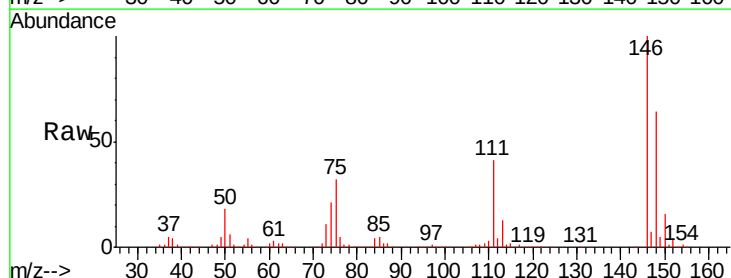
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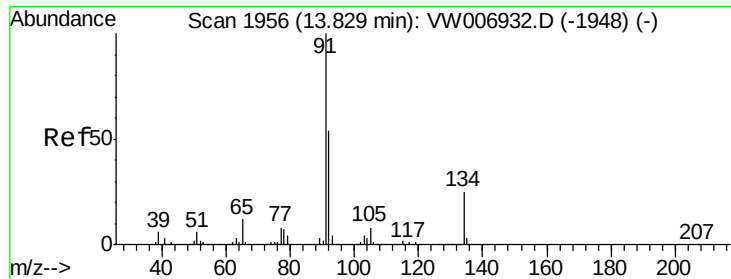
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#88
 1,4-Dichlorobenzene
 Concen: 90.91 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006934.D
 Acq: 17 Nov 2018 01:00

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	261721		
111	41.7	20.7	62.1	
148	64.3	31.9	95.9	





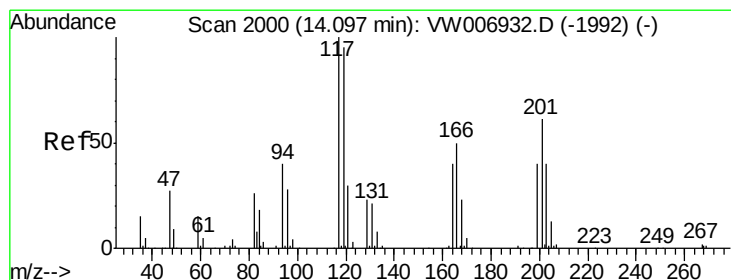
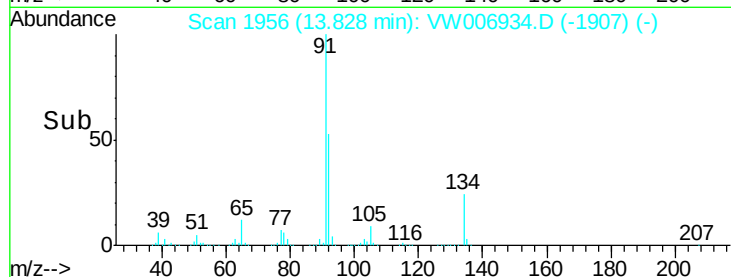
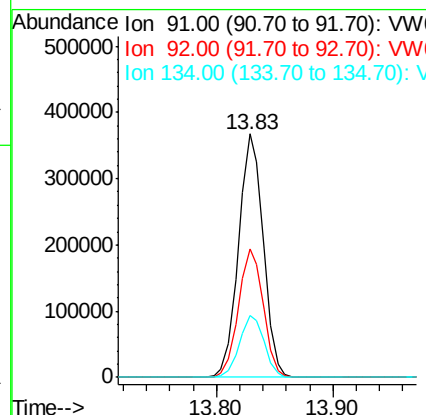
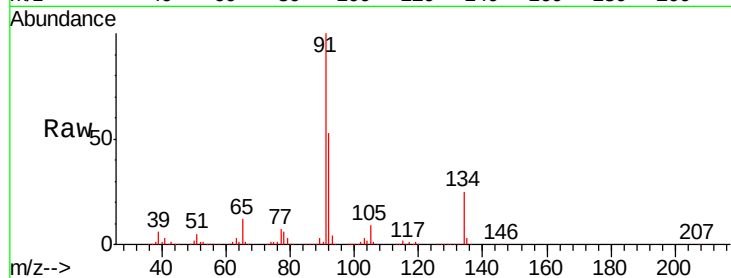
#89
n-Butylbenzene
Concen: 104.81 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.4	79.2
134	25.5	12.9	38.6

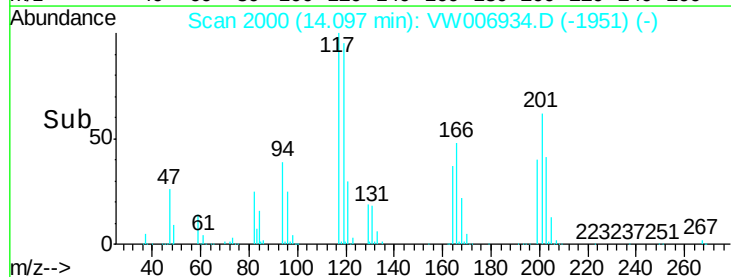
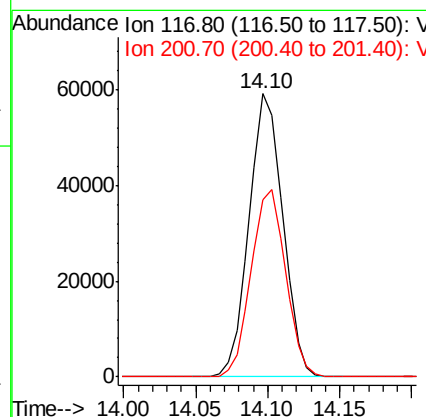
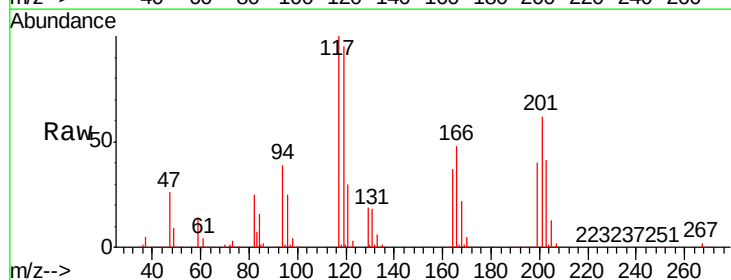
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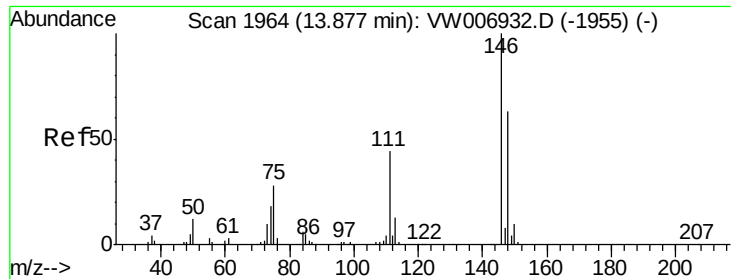
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#90
Hexachloroethane
Concen: 106.19 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.4	33.8	101.4





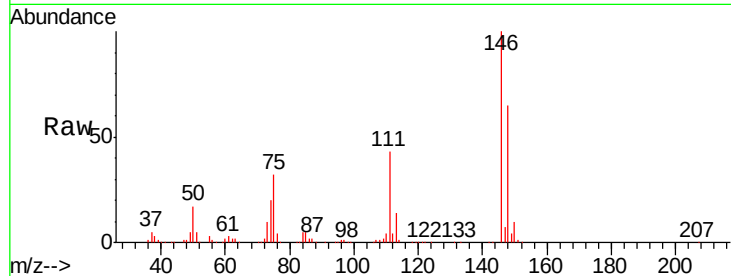
#91
 1,2-Dichlorobenzene
 Concen: 91.69 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006934.D
 Acq: 17 Nov 2018 01:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

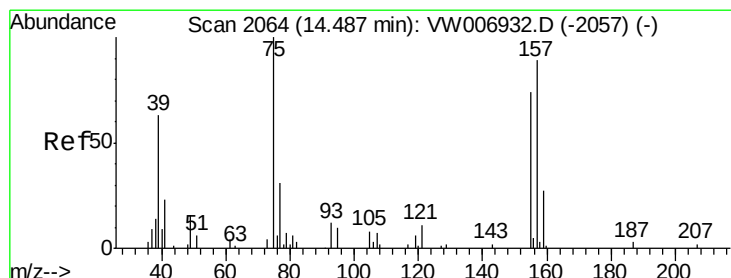
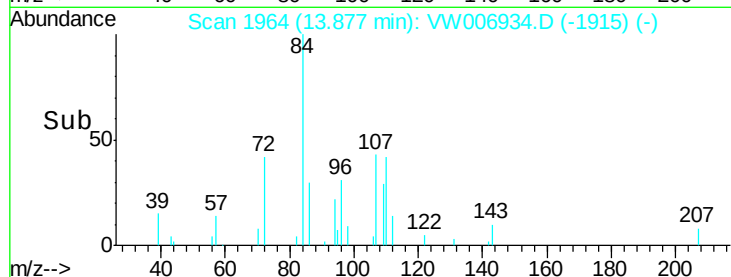
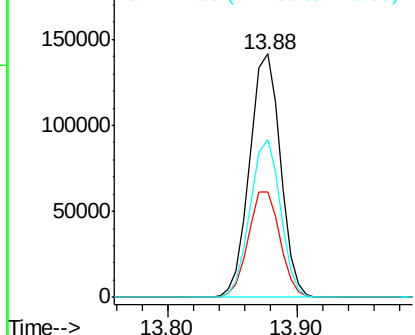
Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.7	22.6	67.7
148	64.2	31.7	95.1

Manual Integrations
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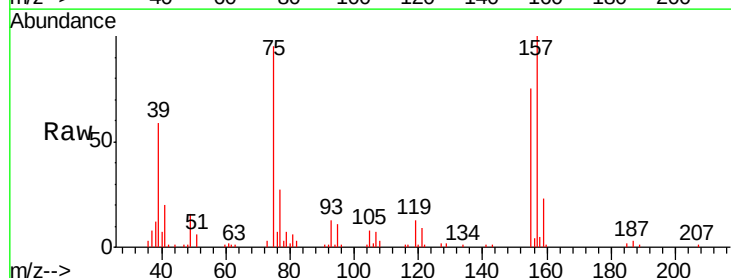


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

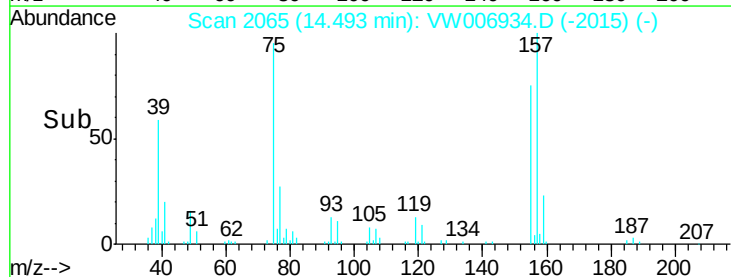
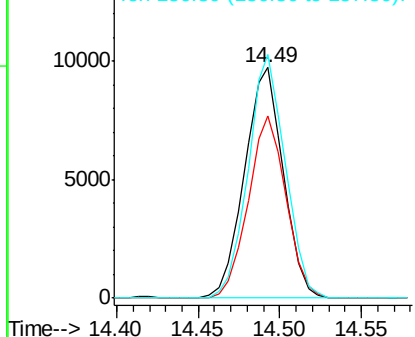


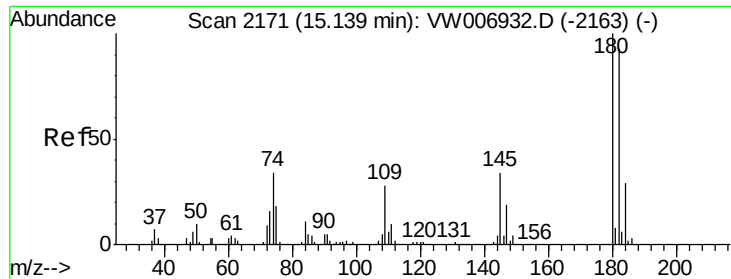
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 119.88 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW006934.D
 Acq: 17 Nov 2018 01:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.8	38.6	115.7
157	101.0	49.7	149.1



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V





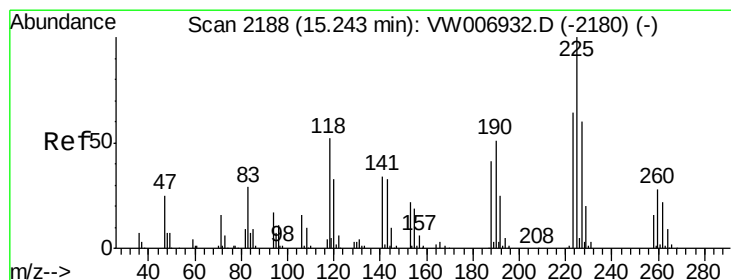
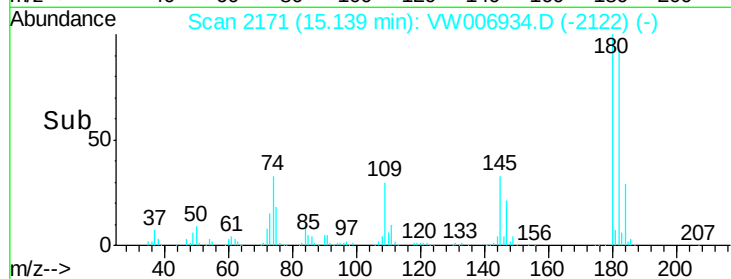
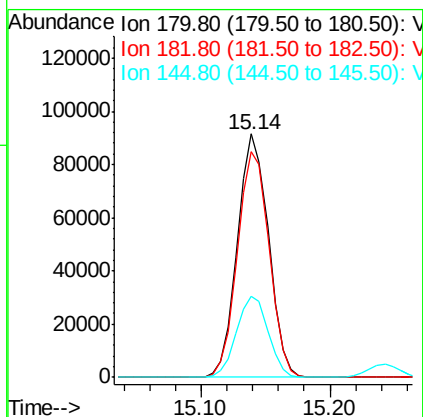
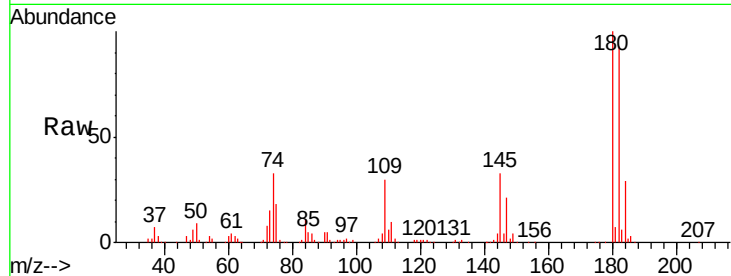
#93
1,2,4-Trichlorobenzene
Concen: 81.77 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	152794		
182	94.4	47.3	141.9	
145	33.9	16.8	50.4	

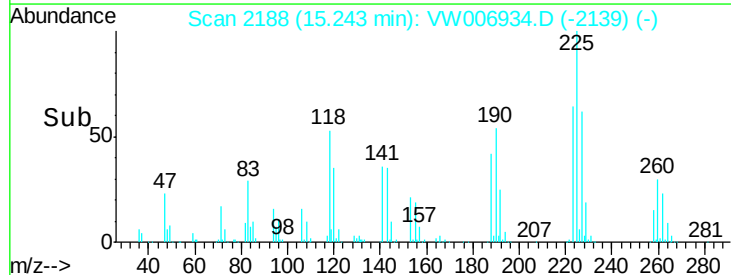
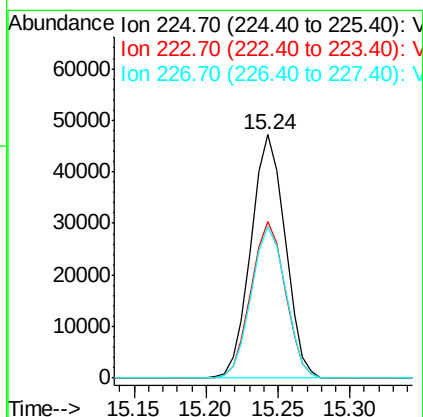
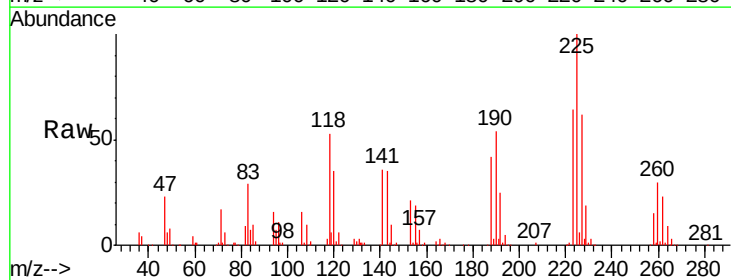
Manual Integrations
APPROVED

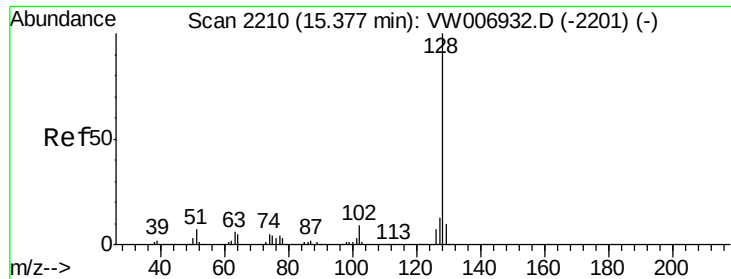
apatel
11/19/2018 3:29:30 PM



#94
Hexachlorobutadiene
Concen: 67.26 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	77571		
223	64.1	32.1	96.3	
227	62.8	31.6	95.0	





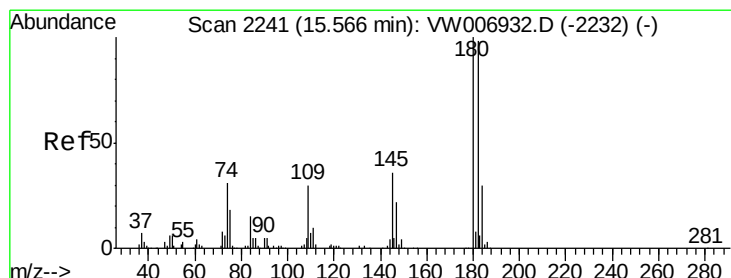
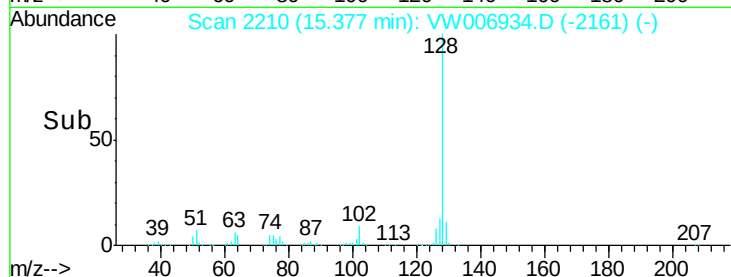
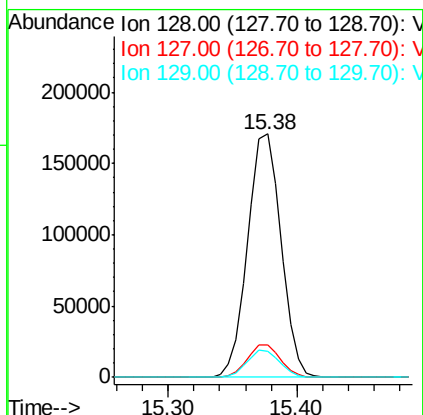
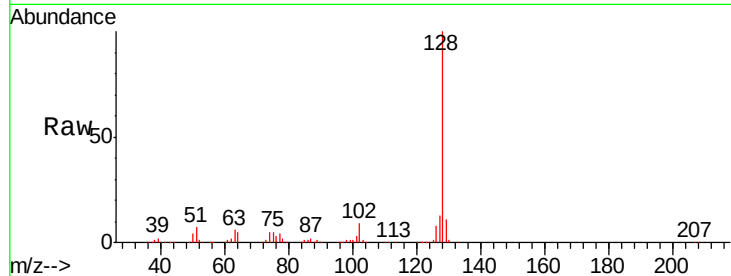
#95
Naphthalene
Concen: 104.80 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	305218		
127	13.3	10.6	15.8	
129	11.0	8.5	12.7	

Manual Integrations
APPROVED

apatel
11/19/2018 3:29:30 PM



#96
1,2,3-Trichlorobenzene
Concen: 81.82 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	131270		
182	94.4	47.4	142.2	
145	36.1	17.6	52.9	

