

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
 Data File : VW007058.D
 Acq On : 26 Nov 2018 19:48
 Operator : VAY/AP
 Sample : J6003-05MSD
 Misc : 4.72G/5ML/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NON-UST-03R-AMSD

Manual Integrations
 APPROVED

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 11/27/2018 2:44:22 PM

Quant Time: Nov 27 06:52:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	82884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	144425	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	124886	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	45296	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	52304	64.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.92%	
35) Dibromofluoromethane	7.88	113	44665	54.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.52%	
50) Toluene-d8	10.33	98	178300	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
62) 4-Bromofluorobenzene	12.62	95	62534	44.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	42548	51.99	ug/l	100
3) Chloromethane	2.21	50	43508	63.80	ug/l	98
4) Vinyl Chloride	2.36	62	38893	57.96	ug/l	98
5) Bromomethane	2.78	94	23953	66.88	ug/l	96
6) Chloroethane	2.92	64	22460	60.72	ug/l	90
7) Trichlorofluoromethane	3.26	101	72324	54.81	ug/l	95
8) Diethyl Ether	3.69	74	27199	63.98	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	34673	40.54	ug/l	99
10) Methyl Iodide	4.28	142	60056	61.33	ug/l	98
11) Tert butyl alcohol	5.23	59	20197	382.34	ug/l #	71
12) 1,1-Dichloroethene	4.04	96	42309	56.40	ug/l	95
13) Acrolein	3.91	56	17297	318.84	ug/l	98
14) Allyl chloride	4.67	41	73214	58.84	ug/l	99
15) Acrylonitrile	5.38	53	59260	370.86	ug/l	100
16) Acetone	4.15	43	46289	392.90	ug/l	95
17) Carbon Disulfide	4.39	76	142707	58.84	ug/l	99
18) Methyl Acetate	4.68	43	42786	101.98	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	138859	70.89	ug/l	100
20) Methylene Chloride	4.92	84	59798	65.35	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	50546	57.84	ug/l	98
22) Diisopropyl ether	6.32	45	152810	63.09	ug/l	98
23) Vinyl Acetate	6.26	43	417741	324.80	ug/l	100
24) 1,1-Dichloroethane	6.23	63	87492	59.38	ug/l	99
25) 2-Butanone	7.18	43	74511	369.26	ug/l	99
26) 2,2-Dichloropropane	7.17	77	74301	56.08	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	56275	60.47	ug/l	99
28) Bromochloromethane	7.52	49	35255	64.02	ug/l	97
29) Tetrahydrofuran	7.54	42	48319	369.74	ug/l	100
30) Chloroform	7.68	83	93619	59.81	ug/l	100
31) Cyclohexane	7.96	56	48830	31.25	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	80259	56.93	ug/l	99
36) 1,1-Dichloropropene	8.09	75	67634	47.92	ug/l	98
37) Ethyl Acetate	7.26	43	32651	63.84	ug/l	96
38) Carbon Tetrachloride	8.07	117	65011	48.10	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	31856	18.04	ug/l	96
40) Benzene	8.33	78	209176	54.91	ug/l	98
41) Methacrylonitrile	7.49	41	19627	61.80	ug/l	97
42) 1,2-Dichloroethane	8.40	62	65431	59.16	ug/l	99
43) Isopropyl Acetate	8.43	43	64894	66.58	ug/l	96
44) Trichloroethene	9.09	130	56320	52.74	ug/l	94
45) 1,2-Dichloropropane	9.37	63	51814	55.17	ug/l	98
46) Dibromomethane	9.46	93	28530	60.66	ug/l	98
47) Bromodichloromethane	9.65	83	71783	57.93	ug/l	96
48) Methyl methacrylate	9.44	41	34518	73.45	ug/l	95
49) 1,4-Dioxane	9.48	88	9025	1291.13	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	167288	339.65	ug/l	99
52) Toluene	10.39	92	133534	51.50	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	73025	60.84	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	84922	58.56	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	48012	69.39	ug/l	98
56) Ethyl methacrylate	10.65	69	59954	74.65	ug/l	98
57) 1,3-Dichloropropane	10.93	76	70027	60.39	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	126599	301.64	ug/l	99
59) 2-Hexanone	10.97	43	130885	388.06	ug/l	94
60) Dibromochloromethane	11.13	129	61656	78.20	ug/l	87
61) 1,2-Dibromoethane	11.24	107	40384	63.80	ug/l	99
64) Tetrachloroethene	10.87	164	34774	43.28	ug/l	98
65) Chlorobenzene	11.66	112	142354	54.61	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	46810	59.37	ug/l	99
67) Ethyl Benzene	11.73	91	213851	44.66	ug/l	99
68) m/p-Xylenes	11.84	106	162980	86.75	ug/l	99
69) o-Xylene	12.17	106	81721	46.13	ug/l	99
70) Styrene	12.18	104	148571	52.70	ug/l	99
71) Bromoform	12.35	173	27224	73.29	ug/l #	99
73) Isopropylbenzene	12.47	105	251557	71.46	ug/l	99
74) N-amyl acetate	12.27	43	71984	122.01	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.72	83	52171	111.36	ug/l	88
76) 1,2,3-Trichloropropane	12.77	75	27396m	76.97	ug/l	
77) Bromobenzene	12.75	156	53936	71.33	ug/l	97
78) n-propylbenzene	12.81	91	310957	72.92	ug/l	100
79) 2-Chlorotoluene	12.90	91	124799	50.76	ug/l	85
80) 1,3,5-Trimethylbenzene	12.95	105	112515	36.96	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	16474	116.20	ug/l #	86
82) 4-Chlorotoluene	12.99	91	134629	52.18	ug/l	95
83) tert-Butylbenzene	13.21	119	89707	34.04	ug/l	95
84) 1,2,4-Trimethylbenzene	13.26	105	122854	40.51	ug/l	98
85) sec-Butylbenzene	13.39	105	230107	61.80	ug/l	91
86) p-Isopropyltoluene	13.51	119	74361	22.64	ug/l	94
87) 1,3-Dichlorobenzene	13.50	146	73704	47.75	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	75763	49.23	ug/l	96
89) n-Butylbenzene	13.83	91	130153	42.10	ug/l	88
90) Hexachloroethane	14.10	117	61195	127.60	ug/l #	31
91) 1,2-Dichlorobenzene	13.87	146	73272	54.17	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8401	106.17	ug/l	88

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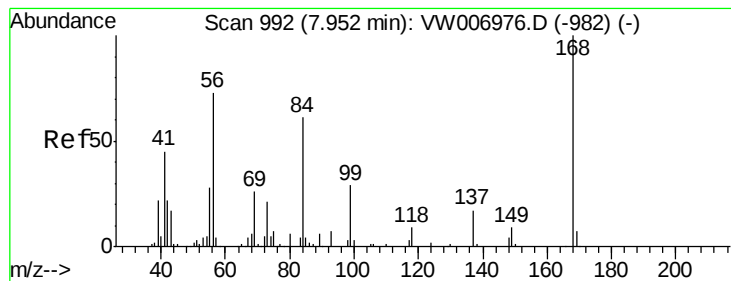
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	20974	23.52	ug/l #	1
94) Hexachlorobutadiene	15.25	225	3372	6.95	ug/l	99
95) Naphthalene	15.38	128	103604	63.99	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.57	180	22810	30.83	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007058.D

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Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMSD

Tgt Ion:168 Resp: 82884

Ion Ratio Lower Upper

168 100

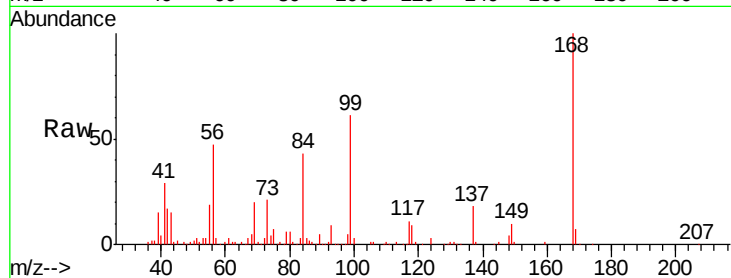
99 60.6 48.2 72.4

Manual Integrations

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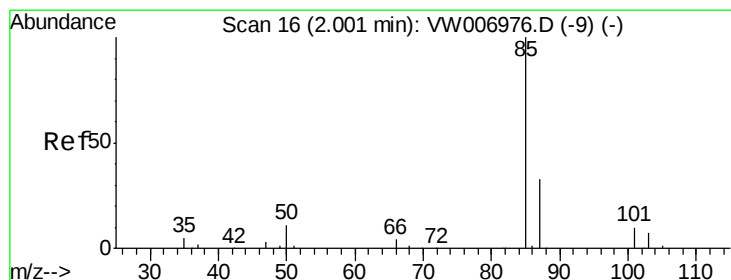
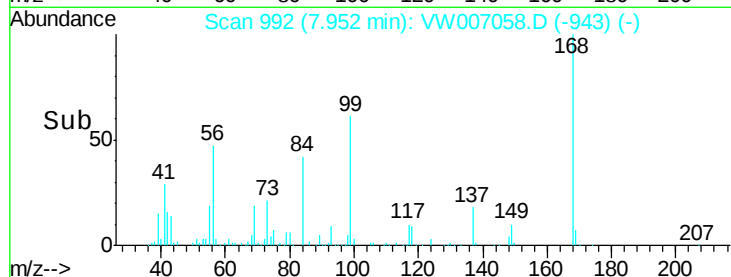
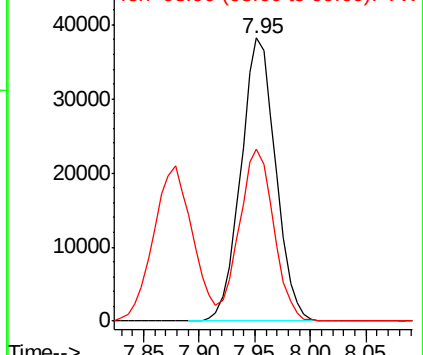
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 51.99 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW007058.D

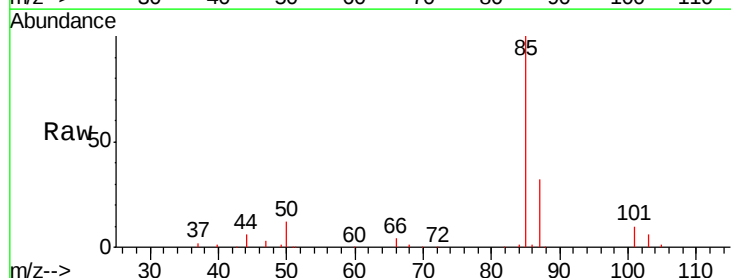
Acq: 26 Nov 2018 19:48

Tgt Ion: 85 Resp: 42548

Ion Ratio Lower Upper

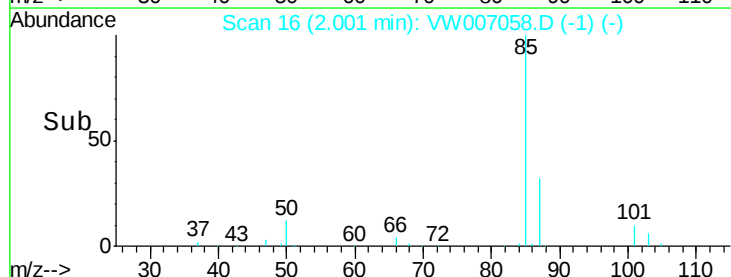
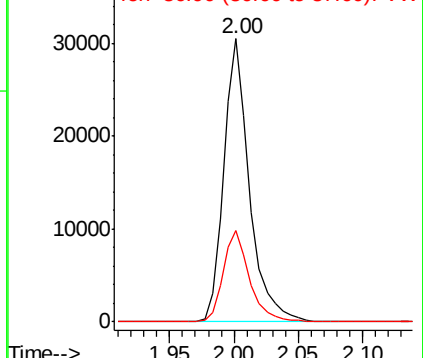
85 100

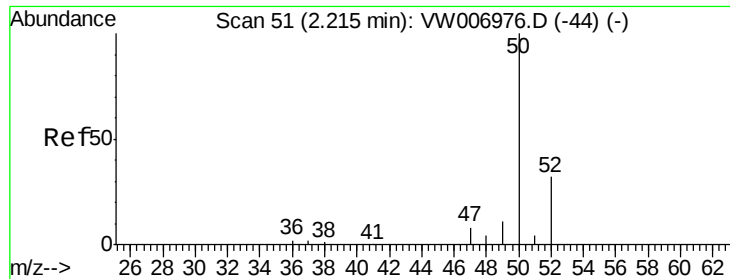
87 32.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 63.80 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW007058.D

Acq: 26 Nov 2018 19:48

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMSD

Tgt Ion: 50 Resp: 43508

Ion Ratio Lower Upper

50 100

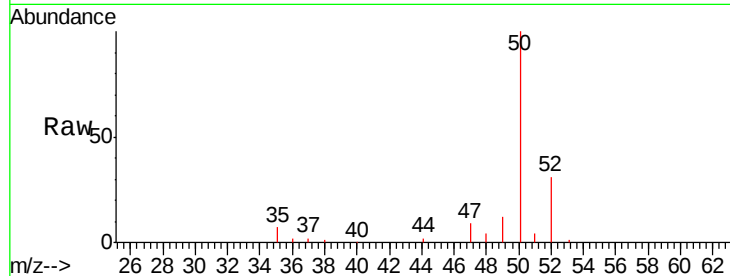
52 31.2 25.7 38.5

Manual Integrations

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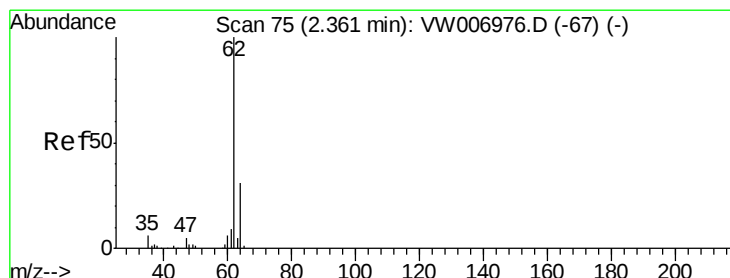
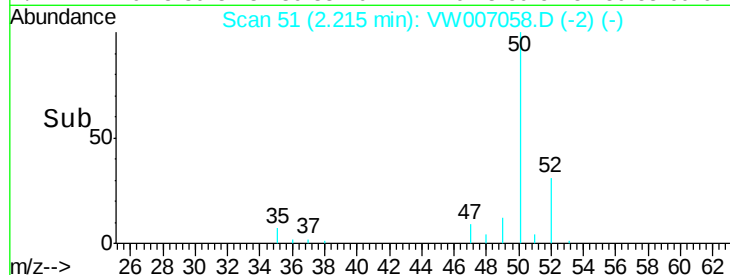
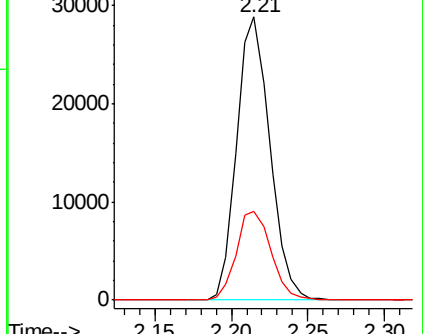
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 57.96 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW007058.D

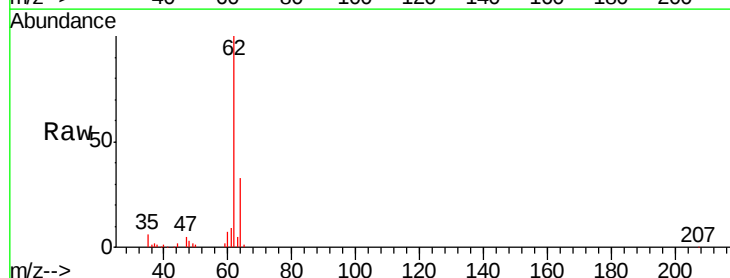
Acq: 26 Nov 2018 19:48

Tgt Ion: 62 Resp: 38893

Ion Ratio Lower Upper

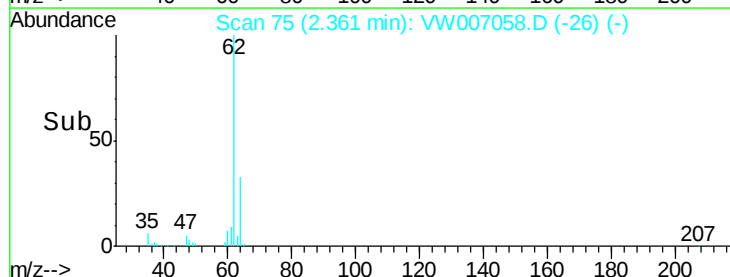
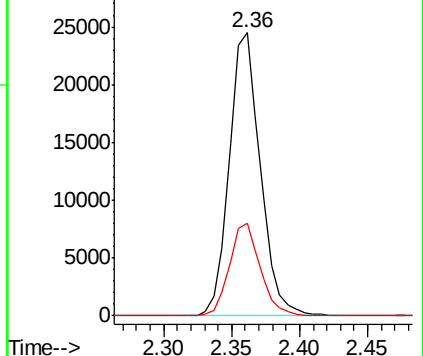
62 100

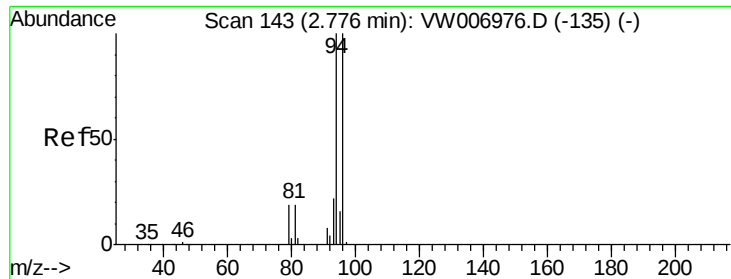
64 32.6 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 66.88 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW007058.D

Acq: 26 Nov 2018 19:48

Instrument :

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ClientSampleId :

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Tgt Ion: 94 Resp: 23953

Ion Ratio Lower Upper

94 100

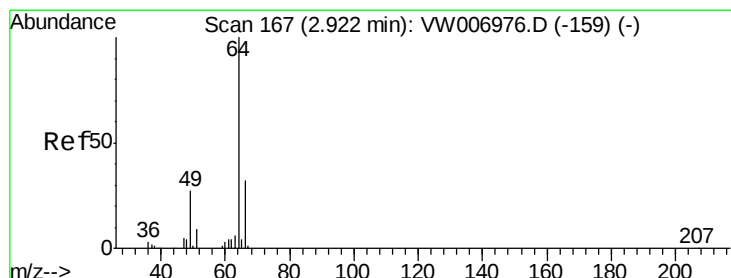
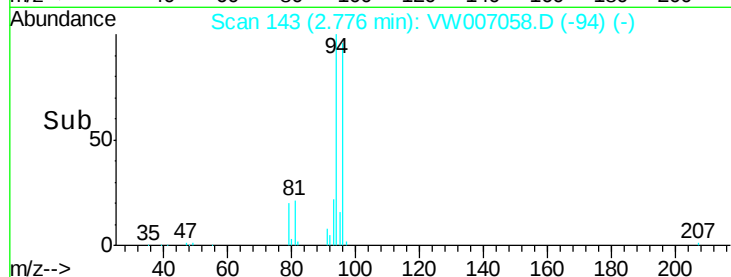
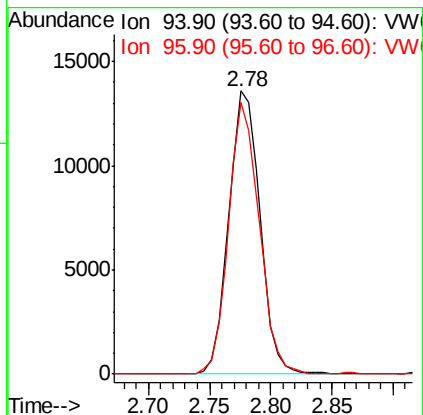
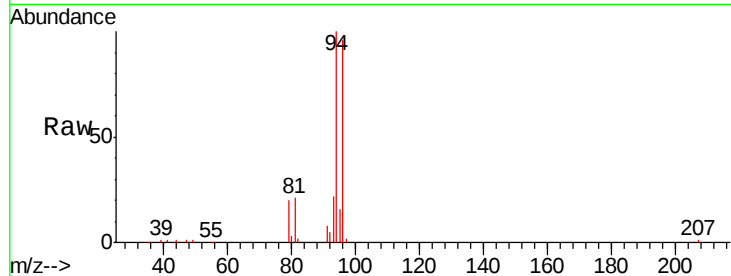
96 96.2 80.2 120.2

Manual Integrations

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#6

Chloroethane

Concen: 60.72 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW007058.D

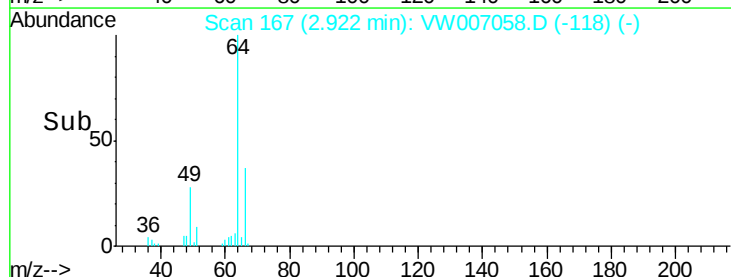
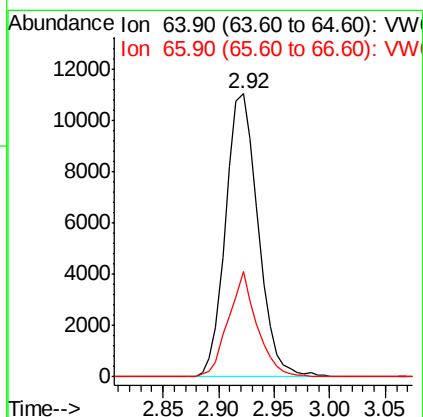
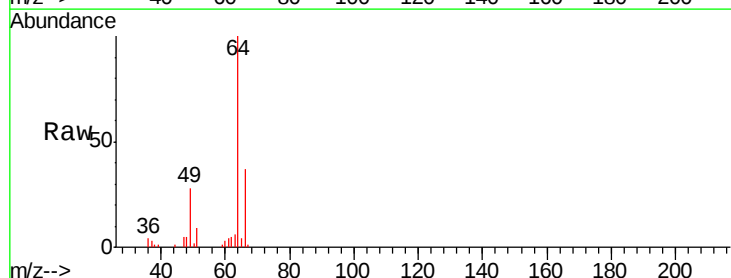
Acq: 26 Nov 2018 19:48

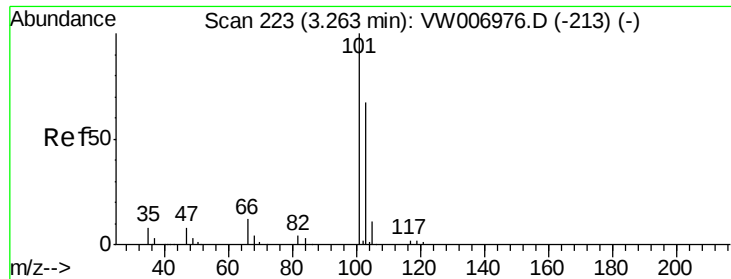
Tgt Ion: 64 Resp: 22460

Ion Ratio Lower Upper

64 100

66 37.3 25.3 37.9





#7

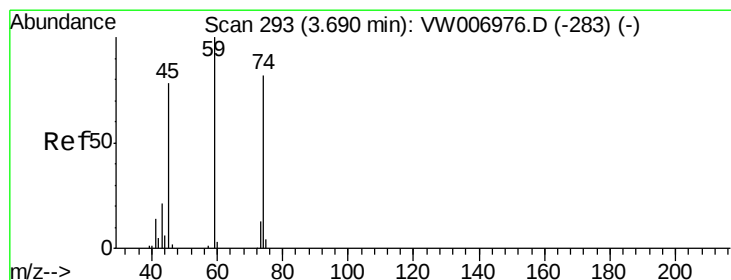
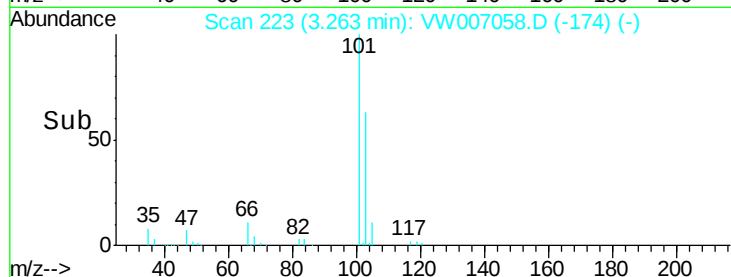
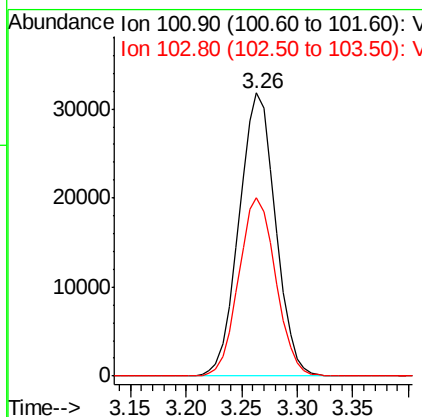
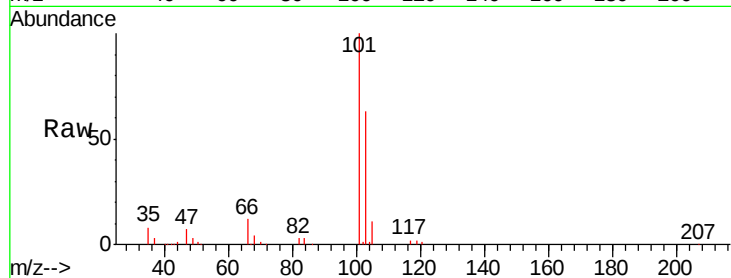
Trichlorofluoromethane
Concen: 54.81 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW007058.D
Acq: 26 Nov 2018 19:48

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Tgt Ion	Ratio	Lower	Upper
101	100		
103	62.9	53.4	80.2

Manual Integrations
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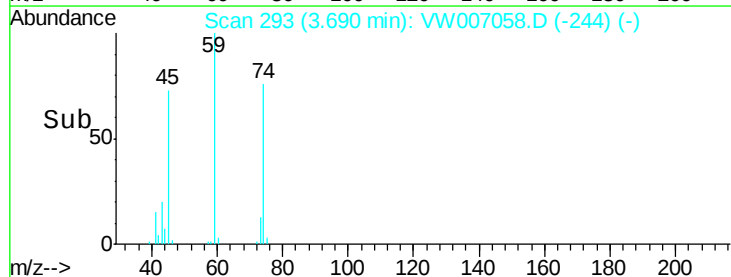
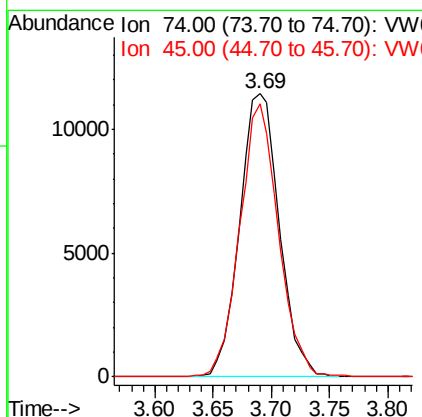
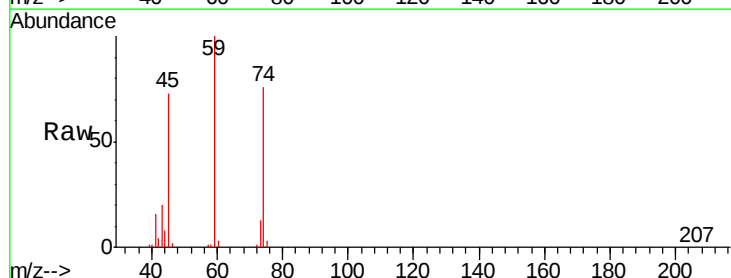
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#8

Diethyl Ether
Concen: 63.98 ug/l
RT: 3.69 min Scan# 293
Delta R.T. 0.00 min
Lab File: VW007058.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.3	48.4	145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 40.54 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW007058.D

Acq: 26 Nov 2018 19:48

Instrument :

MSVOA_W

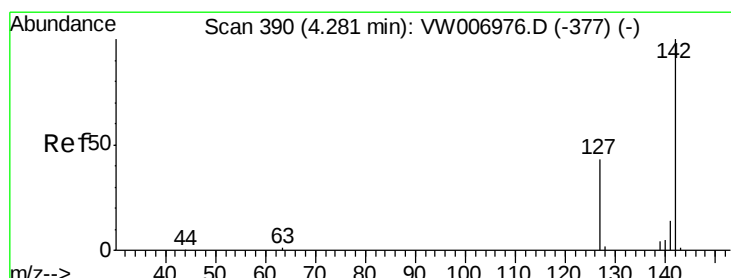
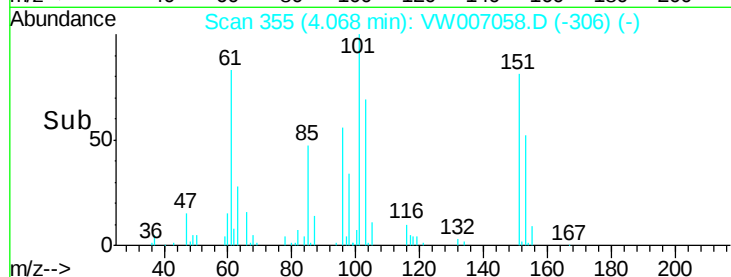
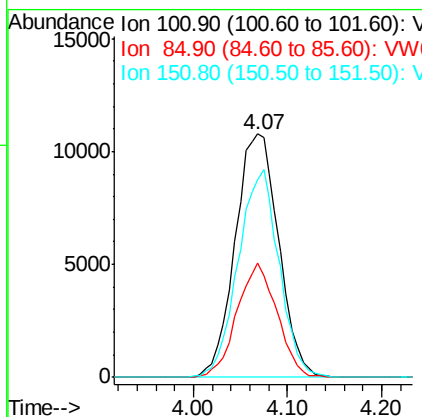
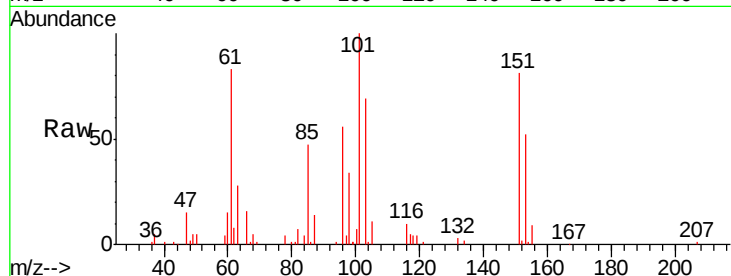
ClientSampleId :

NON-UST-03R-AMSD

Tgt Ion:	101	Resp:	34673
Ion Ratio	Lower	Upper	
101	100		
85	43.3	34.3	51.5
151	80.4	63.4	95.2

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#10

Methyl Iodide

Concen: 61.33 ug/l

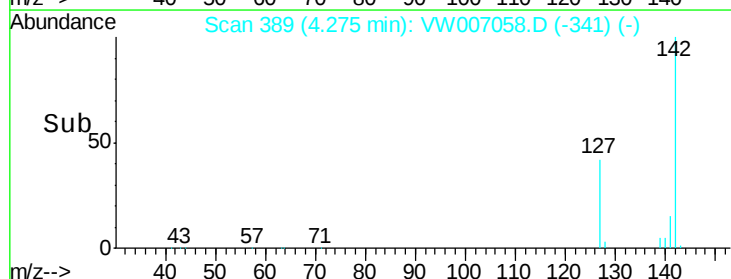
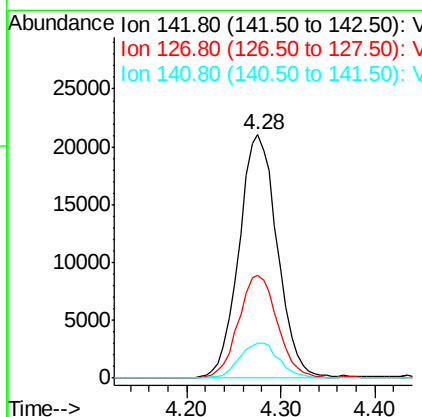
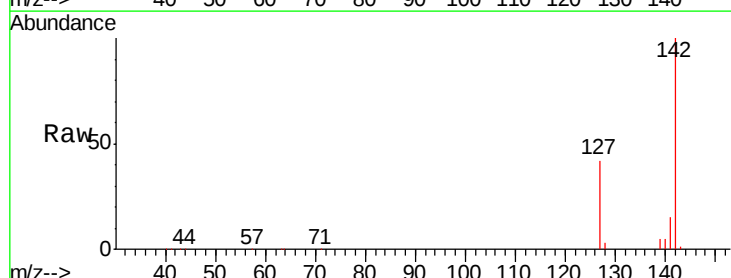
RT: 4.28 min Scan# 389

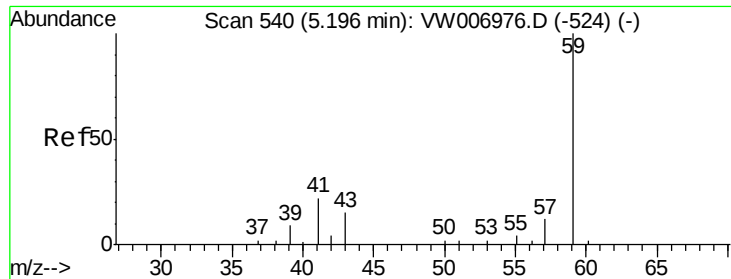
Delta R.T. -0.01 min

Lab File: VW007058.D

Acq: 26 Nov 2018 19:48

Tgt Ion:	142	Resp:	60056
Ion Ratio	Lower	Upper	
142	100		
127	42.9	35.3	52.9
141	14.9	11.7	17.5





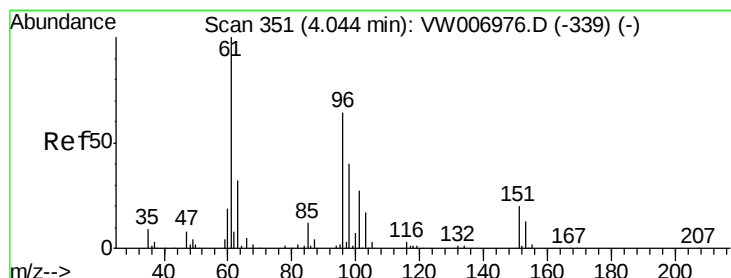
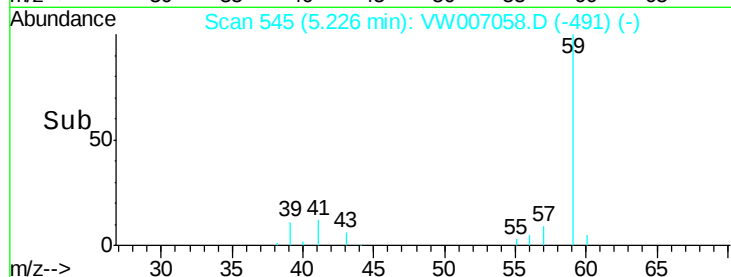
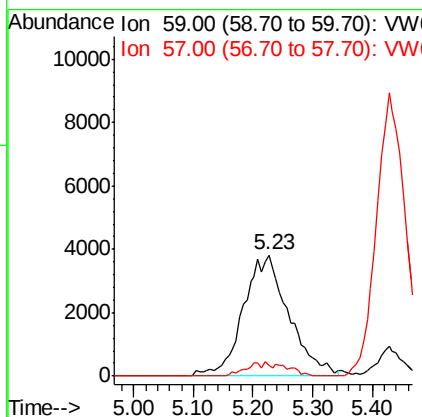
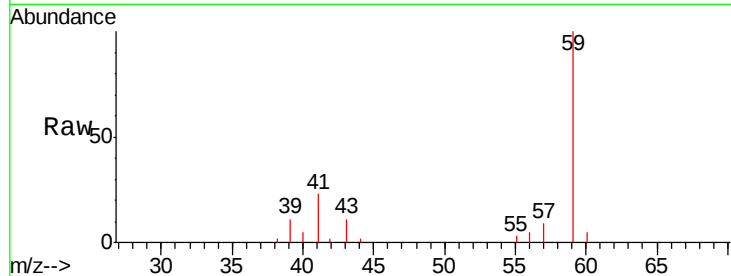
#11
Tert butyl alcohol
Concen: 382.34 ug/l
RT: 5.23 min Scan# 545
Delta R.T. 0.03 min
Lab File: VW007058.D
Acq: 26 Nov 2018 19:48

Instrument :
MSVOA_W
ClientSampleId :
NON-UST-03R-AMSD

Tgt Ion: 59 Resp: 20197
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#

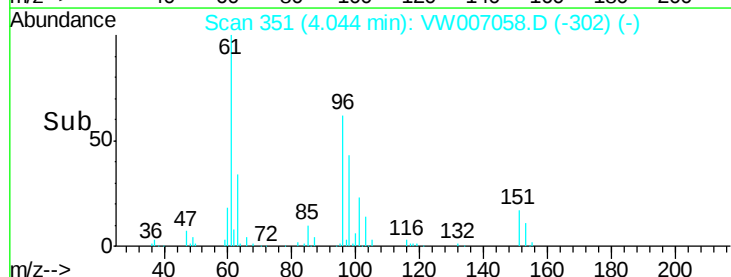
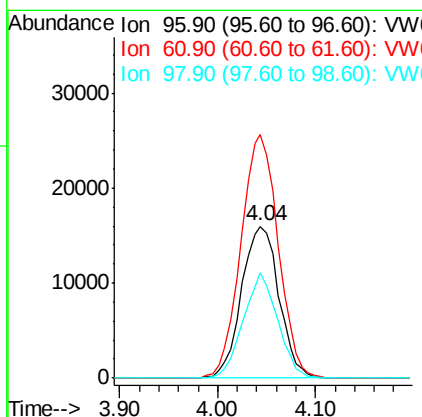
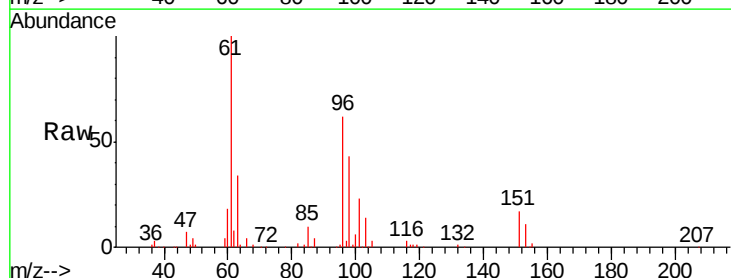
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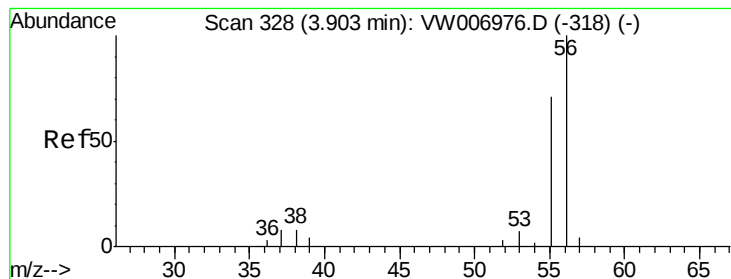
apatel
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#12
1,1-Dichloroethene
Concen: 56.40 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.00 min
Lab File: VW007058.D
Acq: 26 Nov 2018 19:48

Tgt Ion: 96 Resp: 42309
Ion Ratio Lower Upper
96 100
61 160.4 124.3 186.5
98 69.2 49.4 74.2





#13

Acrolein

Concen: 318.84 ug/l

RT: 3.91 min Scan# 329

Delta R.T. 0.01 min

Lab File: VW007058.D

Acq: 26 Nov 2018 19:48

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMSD

Tgt Ion: 56 Resp: 17297

Ion Ratio Lower Upper

56 100

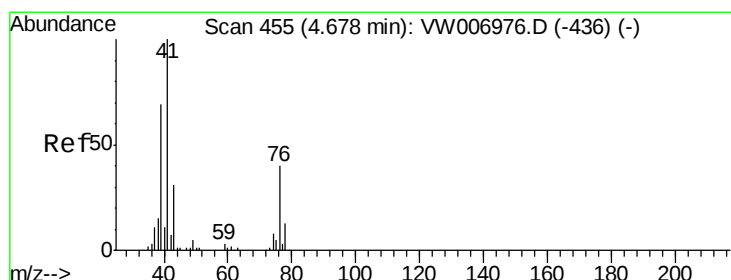
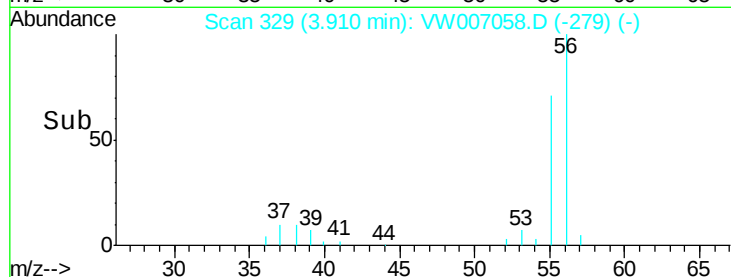
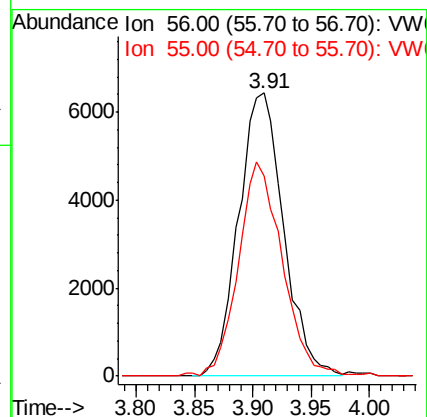
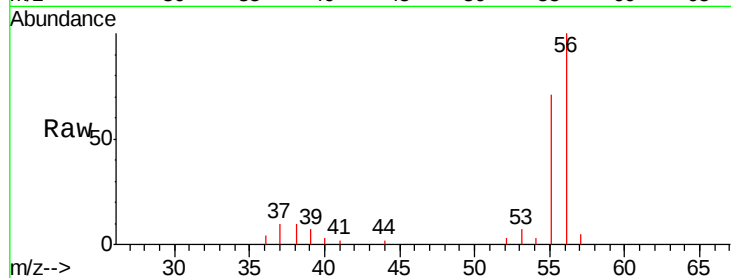
55 73.9 57.5 86.3

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#14

Allyl chloride

Concen: 58.84 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW007058.D

Acq: 26 Nov 2018 19:48

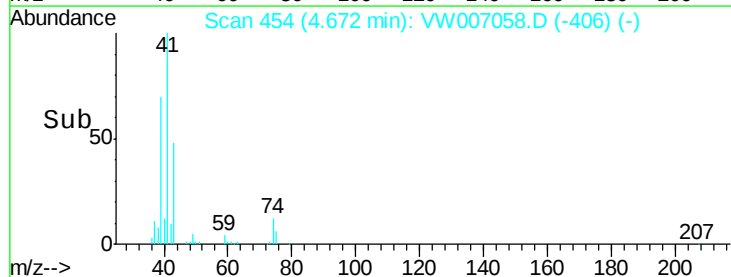
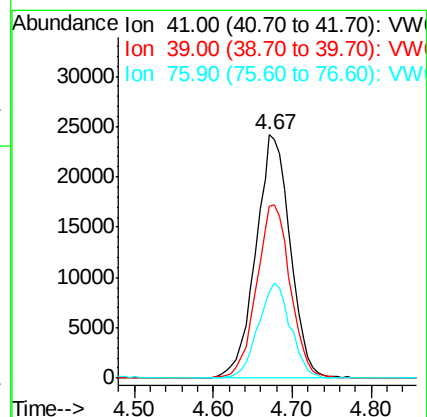
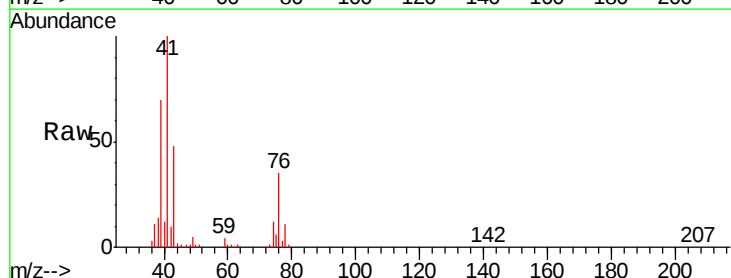
Tgt Ion: 41 Resp: 73214

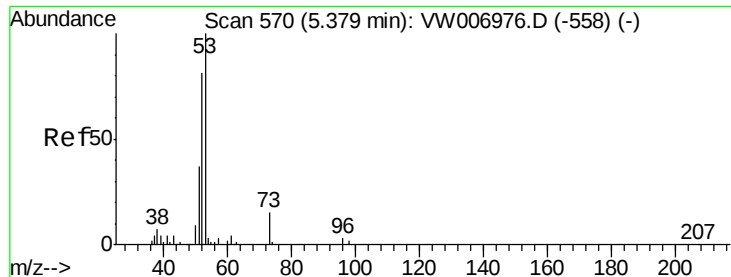
Ion Ratio Lower Upper

41 100

39 69.8 55.4 83.2

76 36.7 29.6 44.4





#15

Acrylonitrile

Concen: 370.86 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW007058.D

Acq: 26 Nov 2018 19:48

Instrument :

MSVOA_W

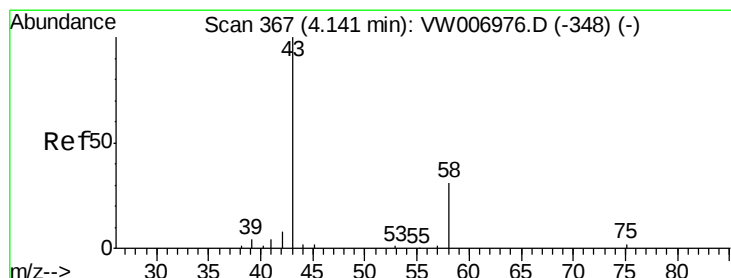
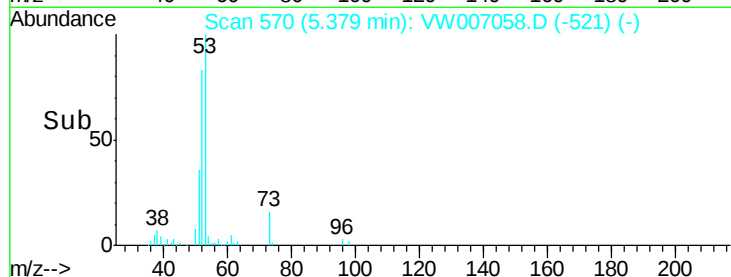
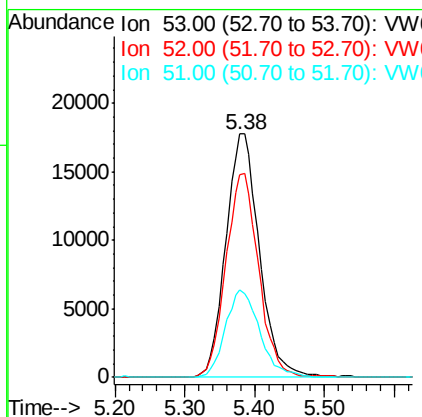
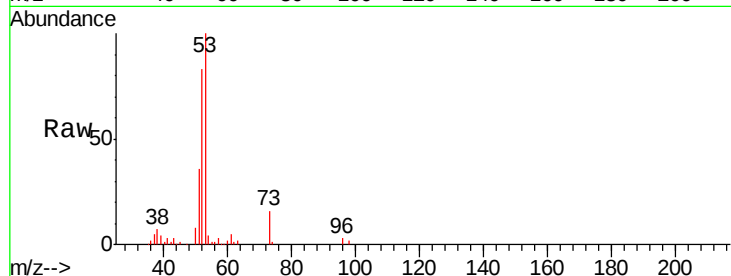
ClientSampleId :

NON-UST-03R-AMSD

Tgt Ion:	53	Resp:	59260
Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.7	98.5
51	36.8	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 392.90 ug/l

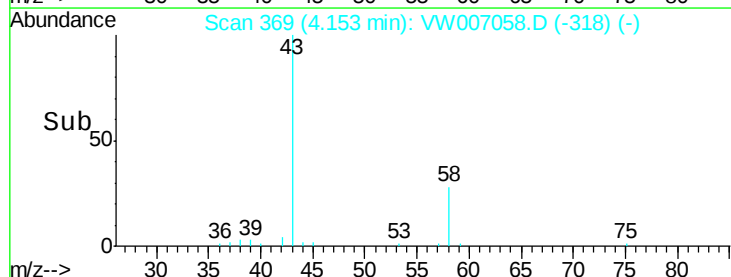
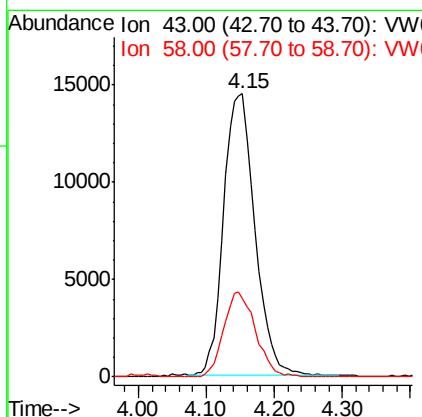
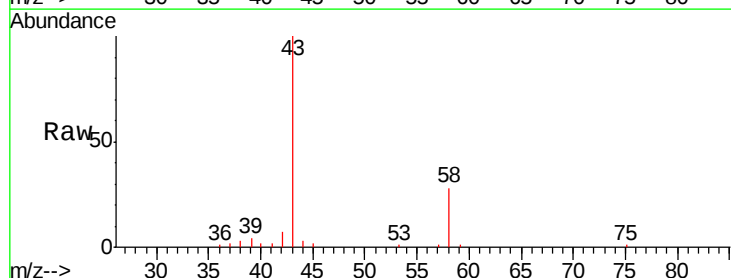
RT: 4.15 min Scan# 369

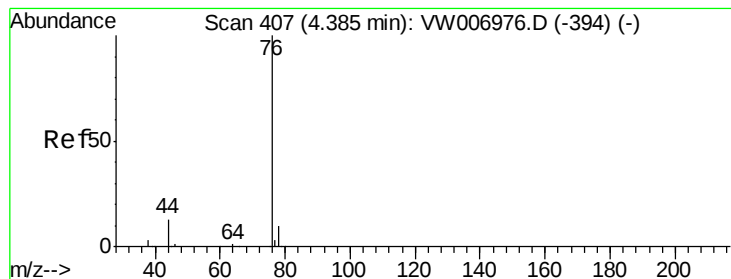
Delta R.T. 0.01 min

Lab File: VW007058.D

Acq: 26 Nov 2018 19:48

Tgt Ion:	43	Resp:	46289
Ion	Ratio	Lower	Upper
43	100		
58	28.1	24.8	37.2





#17

Carbon Disulfide

Concen: 58.84 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW007058.D

Acq: 26 Nov 2018 19:48

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMSD

Tgt Ion: 76 Resp: 142707

Ion Ratio Lower Upper

76 100

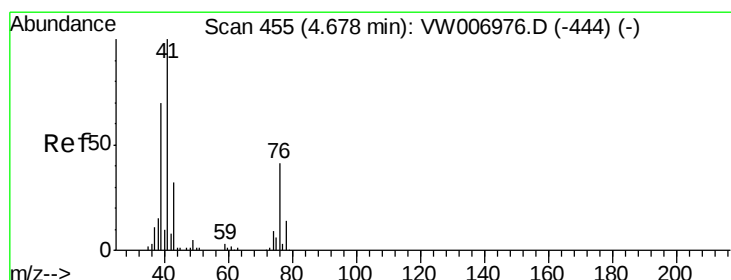
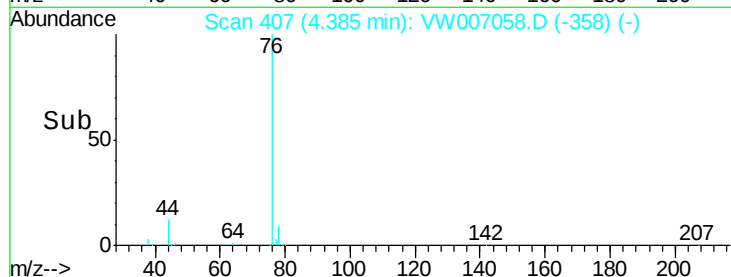
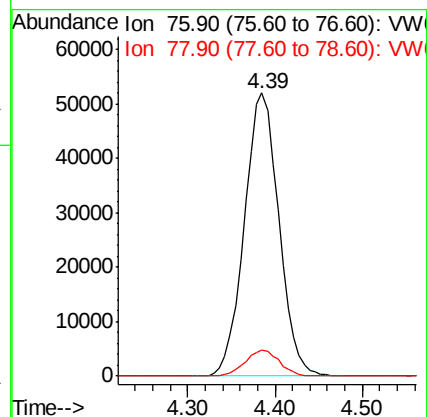
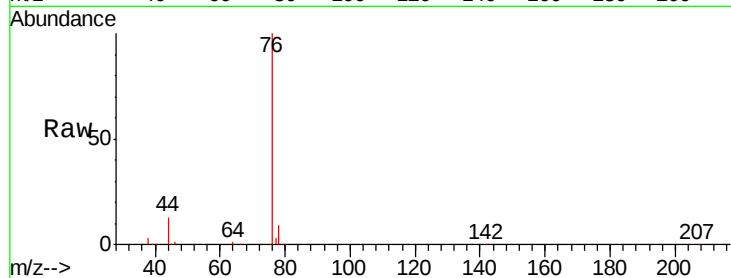
78 9.4 7.8 11.6

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#18

Methyl Acetate

Concen: 101.98 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW007058.D

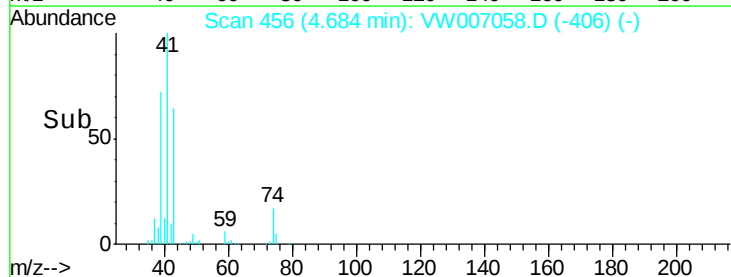
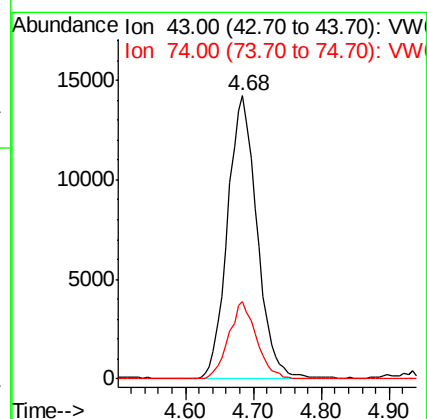
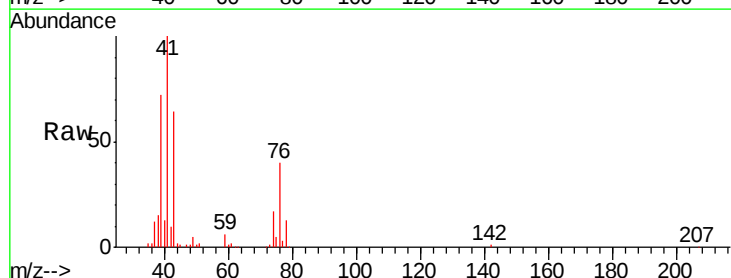
Acq: 26 Nov 2018 19:48

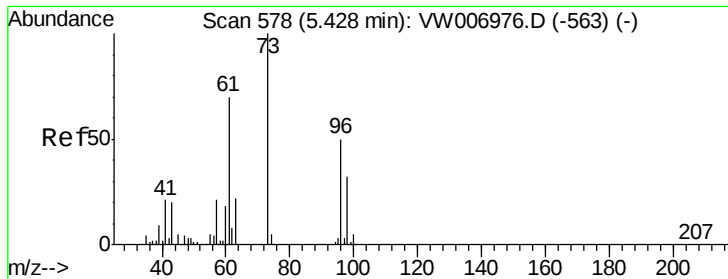
Tgt Ion: 43 Resp: 42786

Ion Ratio Lower Upper

43 100

74 25.6 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 70.89 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW007058.D

Acq: 26 Nov 2018 19:48

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMSD

Tgt Ion: 73 Resp: 138859

Ion Ratio Lower Upper

73 100

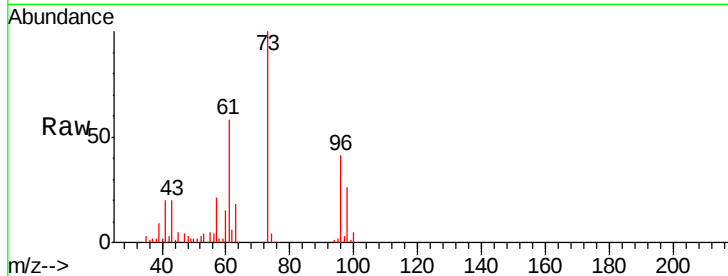
57 21.0 16.7 25.1

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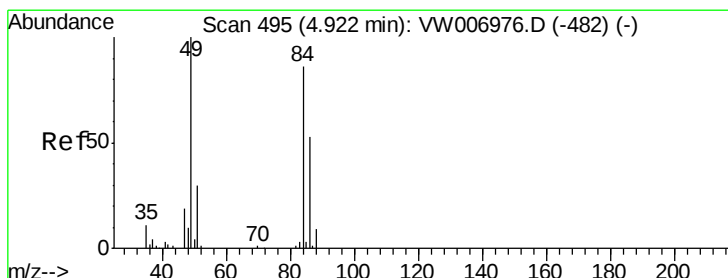
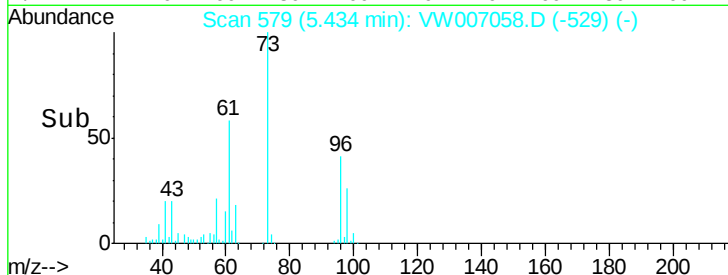
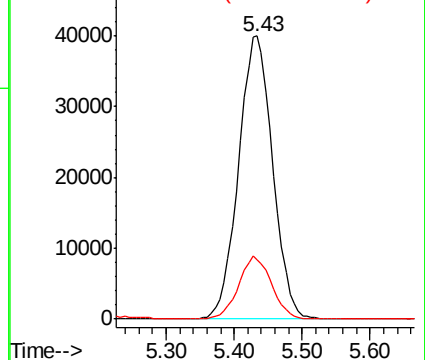
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Abundance Ion 73.00 (72.70 to 73.70): VW

Ion 57.00 (56.70 to 57.70): VW



#20

Methylene Chloride

Concen: 65.35 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW007058.D

Acq: 26 Nov 2018 19:48

Tgt Ion: 84 Resp: 59798

Ion Ratio Lower Upper

84 100

49 115.1 93.4 140.0

51 36.8 28.4 42.6

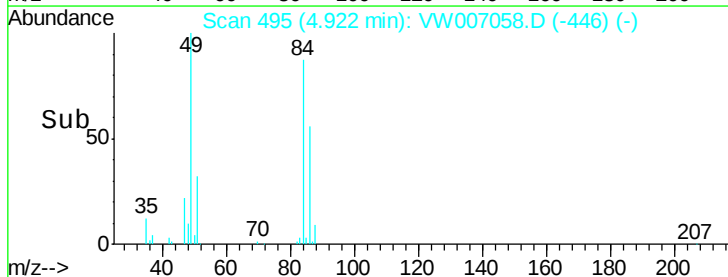
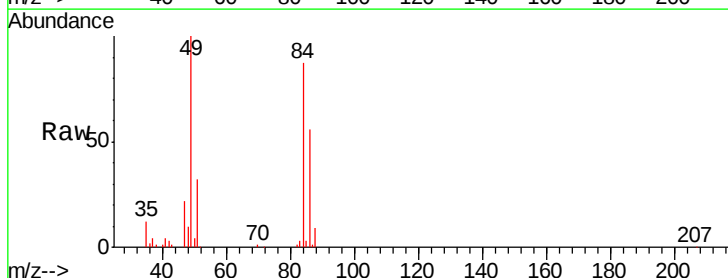
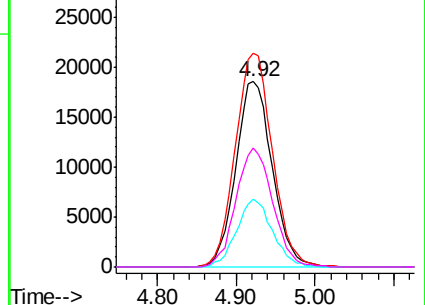
86 64.3 49.8 74.8

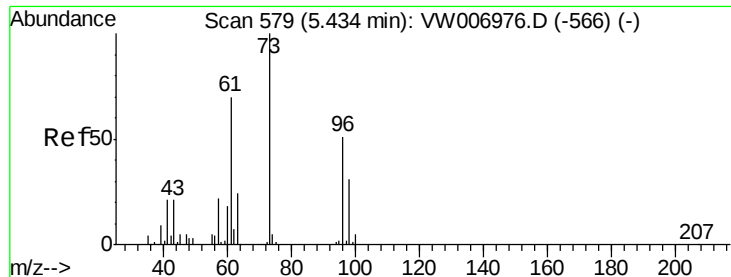
Abundance Ion 83.90 (83.60 to 84.60): VW

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: 57.84 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW007058.D

Acq: 26 Nov 2018 19:48

Instrument :

MSVOA_W

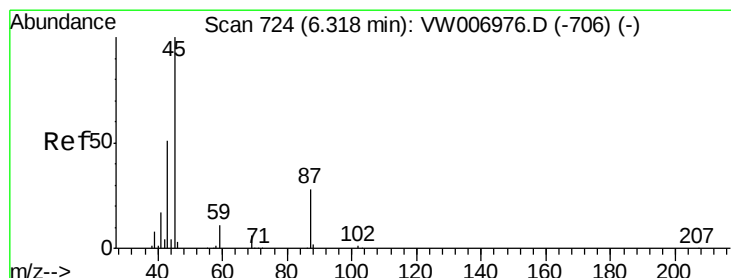
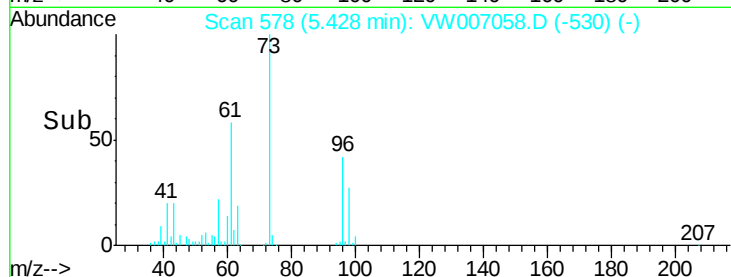
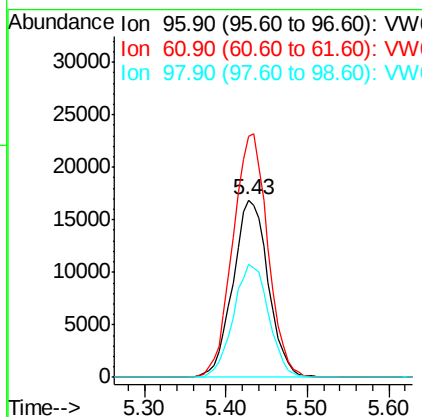
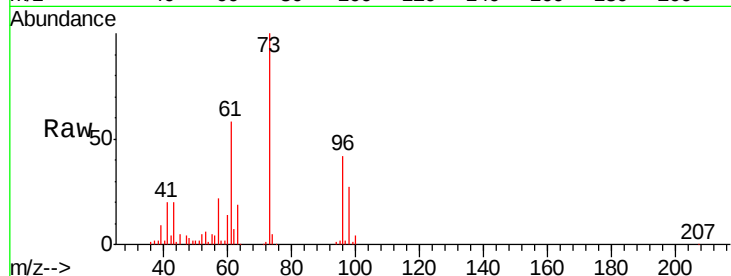
ClientSampleId :

NON-UST-03R-AMSD

Tgt Ion:	96	Resp:	50546
Ion	Ratio	Lower	Upper
96	100		
61	135.9	109.4	164.0
98	64.0	48.3	72.5

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#22

Diisopropyl ether

Concen: 63.09 ug/l

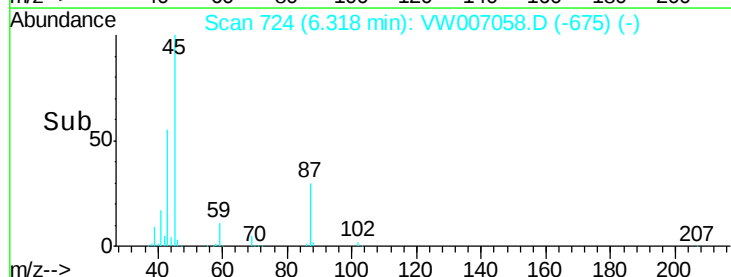
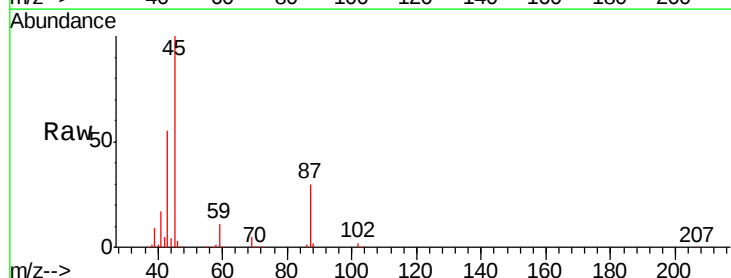
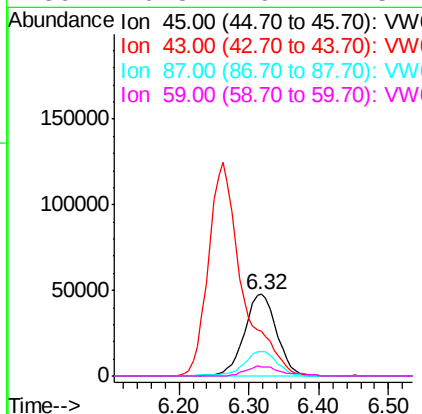
RT: 6.32 min Scan# 724

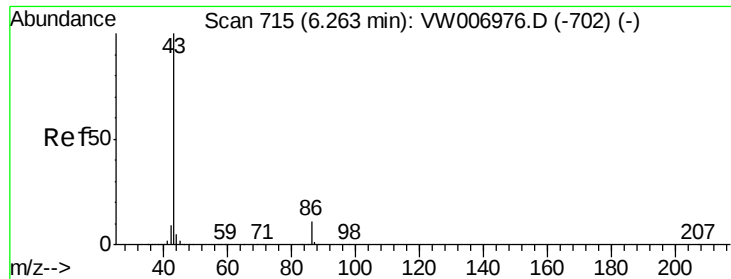
Delta R.T. 0.00 min

Lab File: VW007058.D

Acq: 26 Nov 2018 19:48

Tgt Ion:	45	Resp:	152810
Ion	Ratio	Lower	Upper
45	100		
43	54.3	42.5	63.7
87	30.0	22.8	34.2
59	10.8	9.1	13.7





#23

Vinyl Acetate

Concen: 324.80 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW007058.D

Acq: 26 Nov 2018 19:48

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMSD

Tgt Ion: 43 Resp: 417741

Ion Ratio Lower Upper

43 100

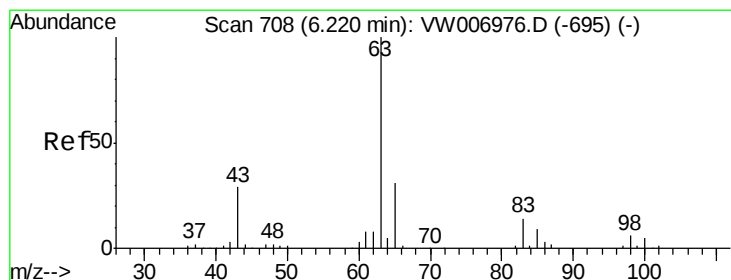
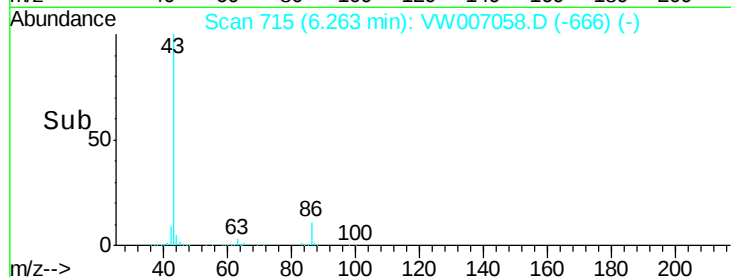
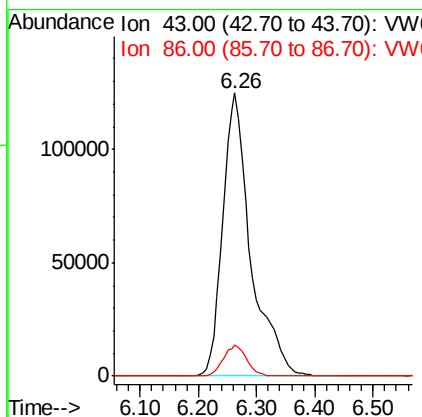
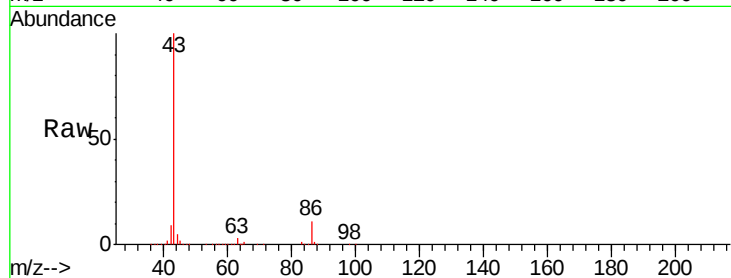
86 10.9 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 59.38 ug/l

RT: 6.23 min Scan# 709

Delta R.T. 0.01 min

Lab File: VW007058.D

Acq: 26 Nov 2018 19:48

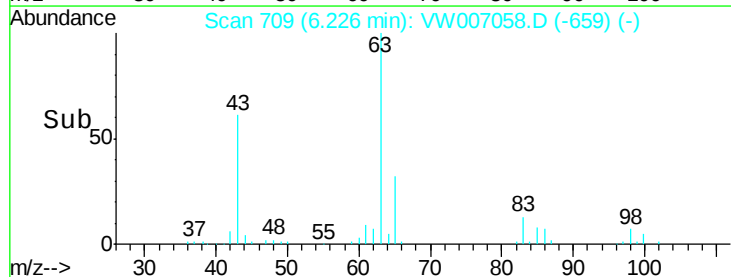
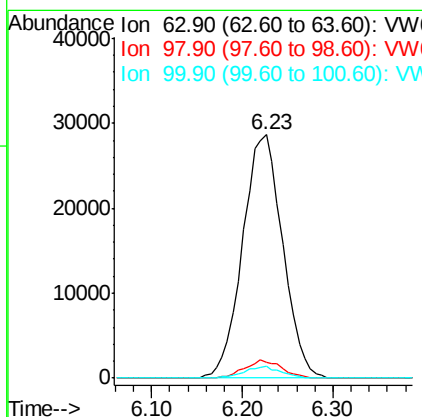
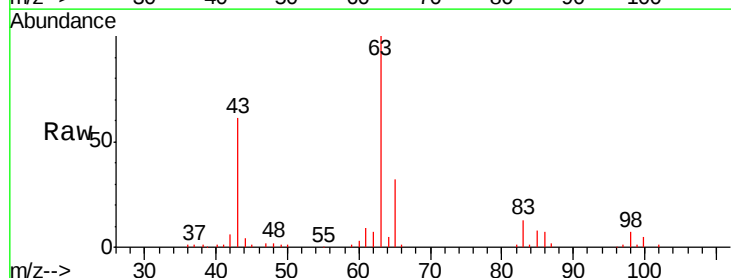
Tgt Ion: 63 Resp: 87492

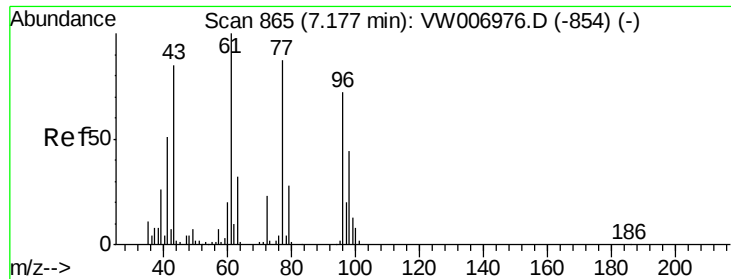
Ion Ratio Lower Upper

63 100

98 6.6 3.1 9.4

100 4.9 2.3 6.9





#25

2-Butanone

Concen: 369.26 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW007058.D

Acq: 26 Nov 2018 19:48

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMSD

Tgt Ion: 43 Resp: 74511

Ion Ratio Lower Upper

43 100

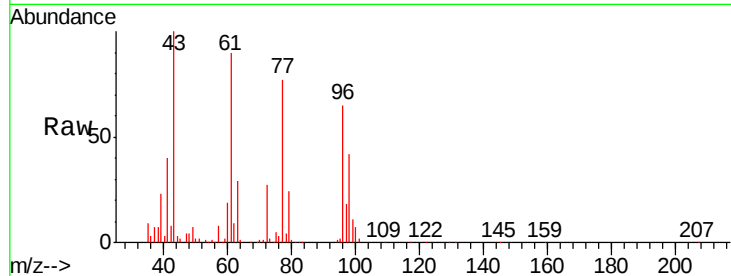
72 27.2 21.3 31.9

Manual Integrations

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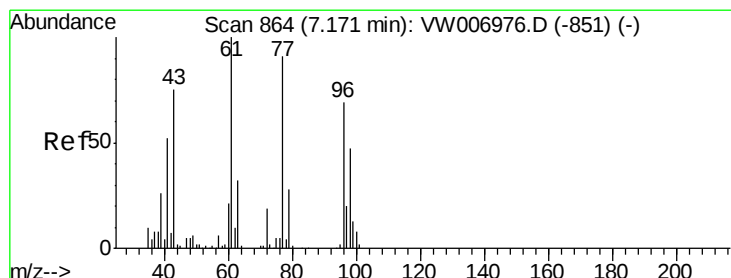
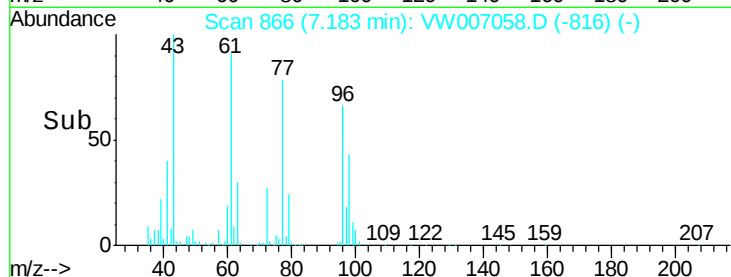
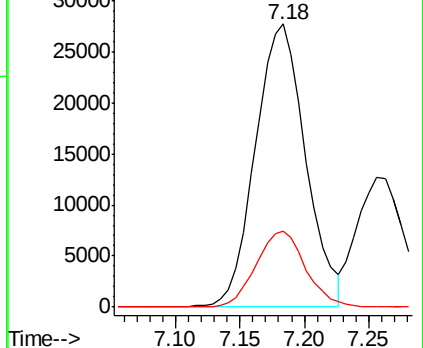
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 56.08 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW007058.D

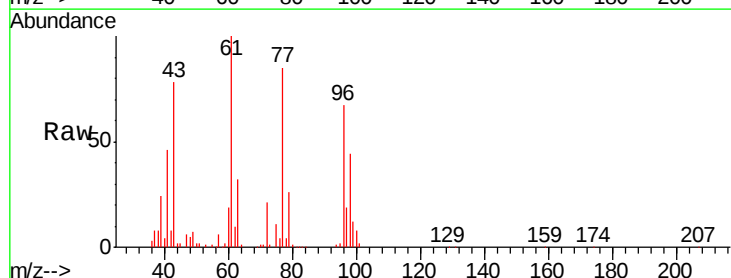
Acq: 26 Nov 2018 19:48

Tgt Ion: 77 Resp: 74301

Ion Ratio Lower Upper

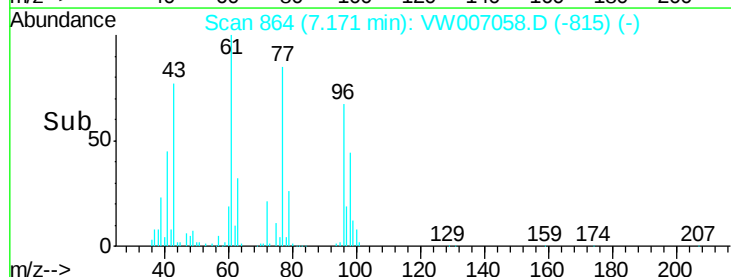
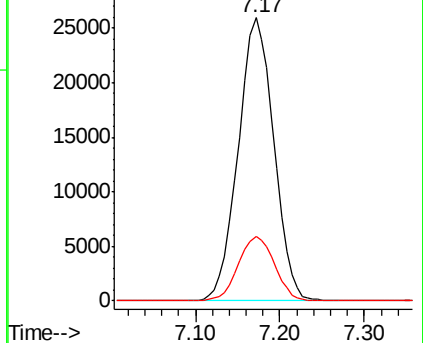
77 100

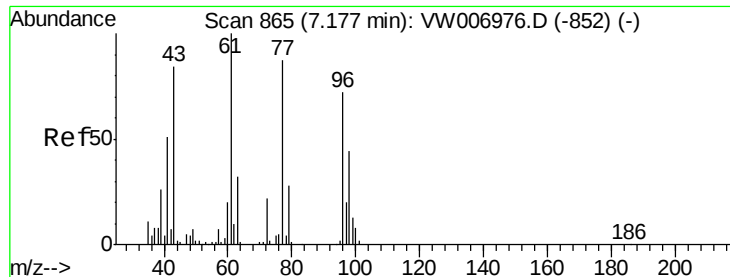
97 23.0 11.4 34.1



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW





#27

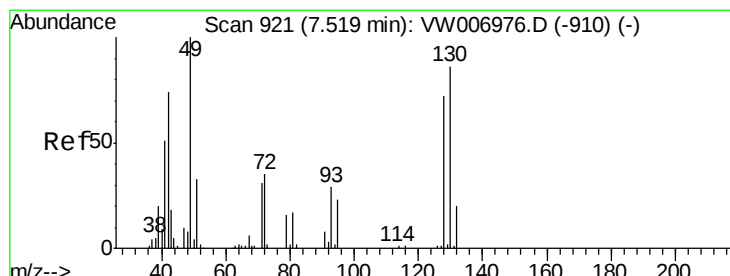
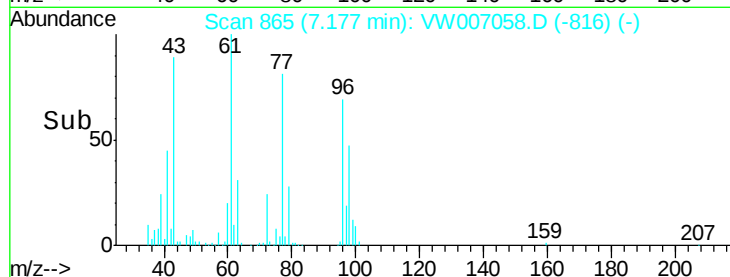
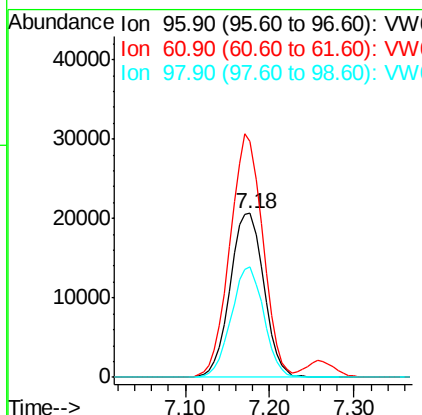
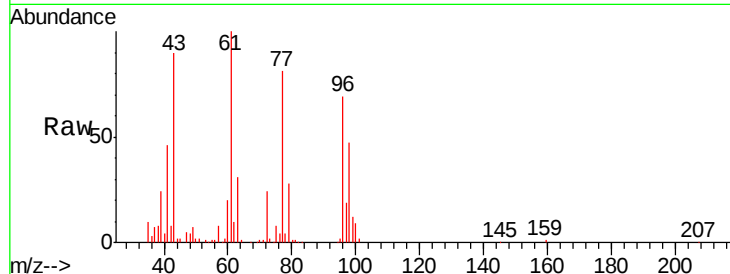
cis-1,2-Dichloroethene
Concen: 60.47 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.00 min
Lab File: VW007058.D
Acq: 26 Nov 2018 19:48

Instrument :
MSVOA_W
ClientSampleId :
NON-UST-03R-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	56275		
61	144.1		0.0	292.6
98	64.6		0.0	129.8

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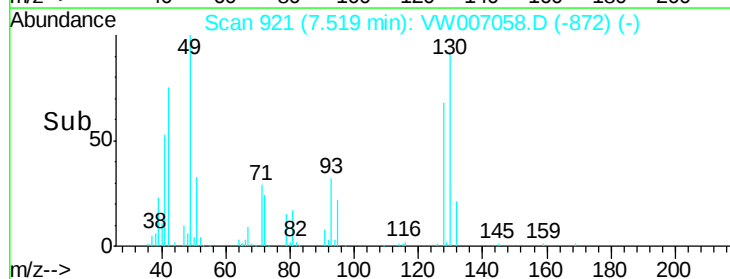
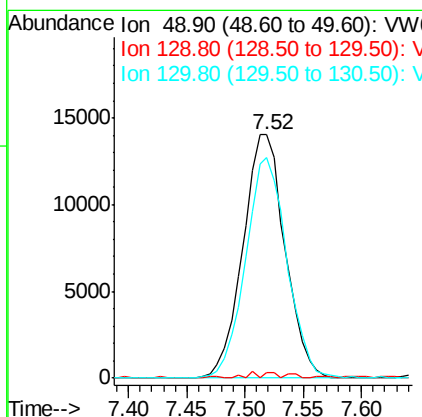
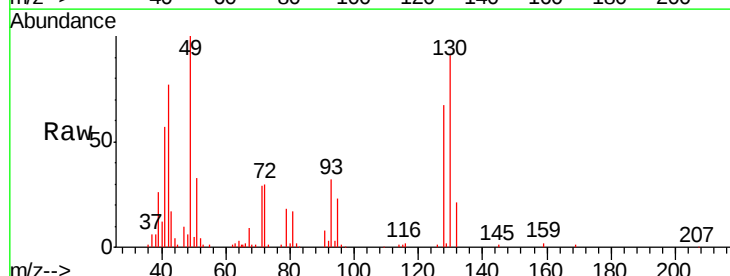
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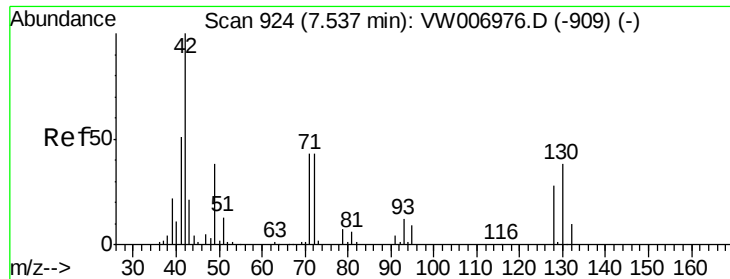


#28

Bromochloromethane
Concen: 64.02 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.00 min
Lab File: VW007058.D
Acq: 26 Nov 2018 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	35255		
129	0.7		0.0	2.0
130	89.1		69.0	103.4





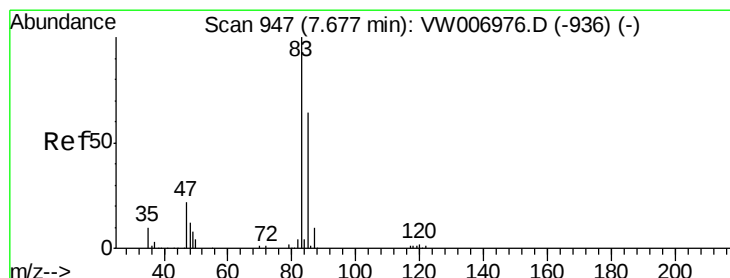
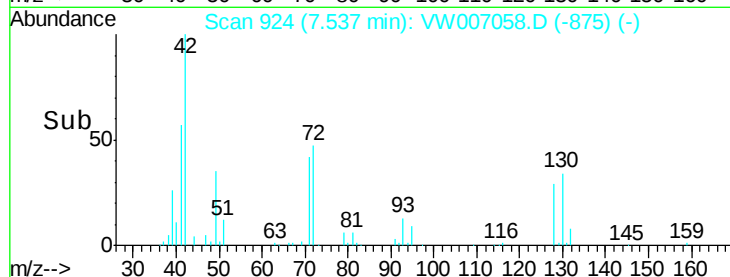
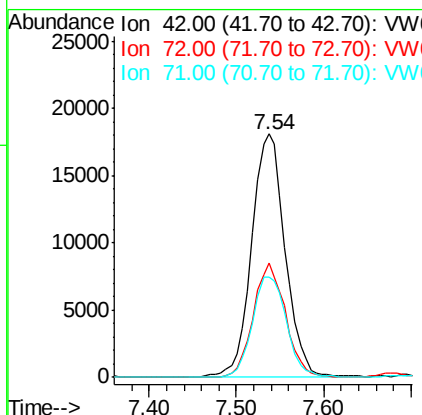
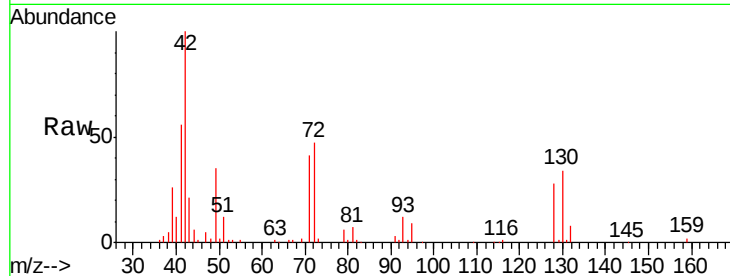
#29
Tetrahydrofuran
Concen: 369.74 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW007058.D
Acq: 26 Nov 2018 19:48

Instrument :
MSVOA_W
ClientSampleId :
NON-UST-03R-AMSD

Tgt Ion	Ratio	Lower	Upper
42	100		
72	44.9	36.2	54.4
71	42.1	33.8	50.8

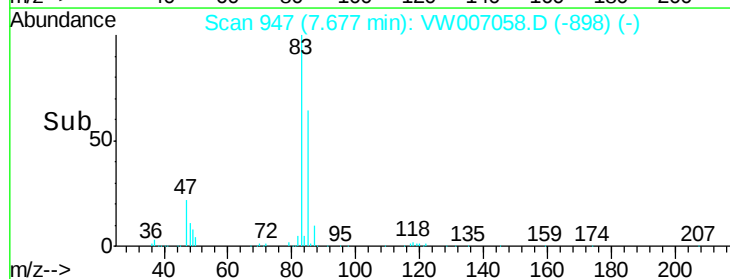
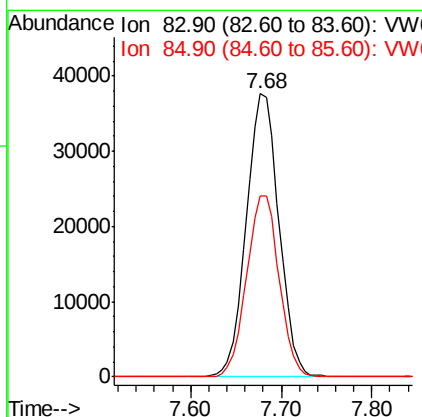
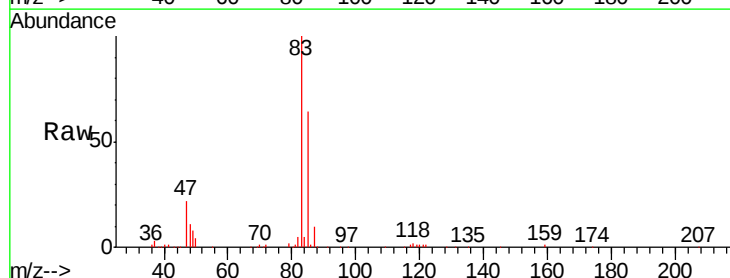
Manual Integrations
APPROVED

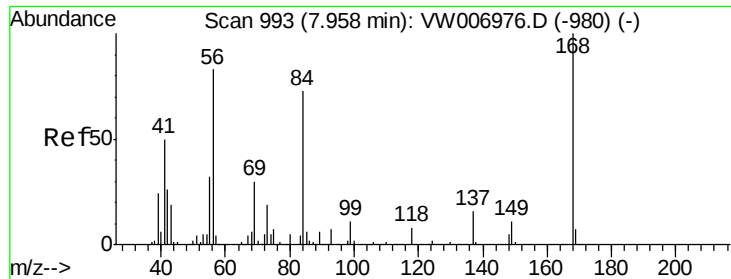
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#30
Chloroform
Concen: 59.81 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW007058.D
Acq: 26 Nov 2018 19:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.9	76.3





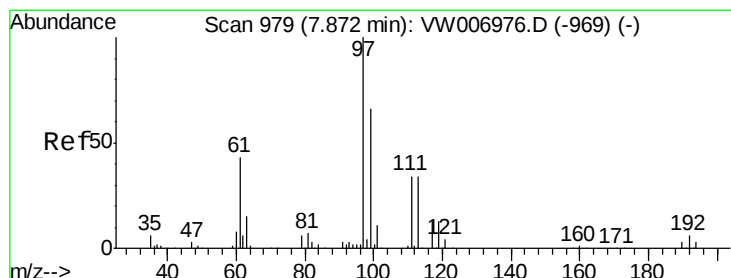
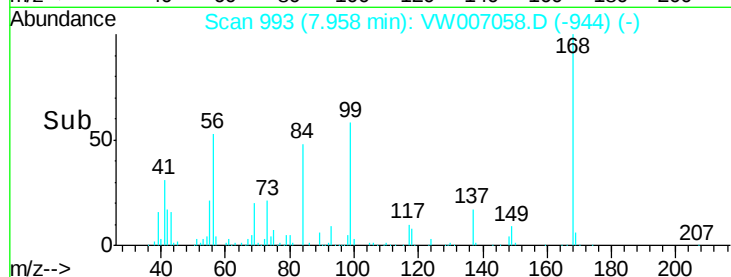
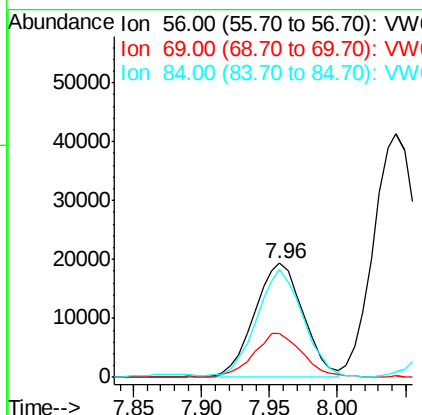
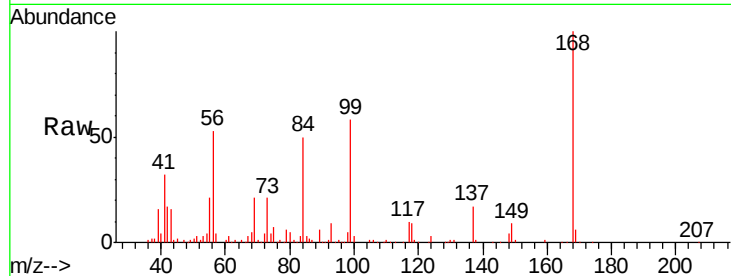
#31
Cyclohexane
Concen: 31.25 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW007058.D
Acq: 26 Nov 2018 19:48

Instrument :
MSVOA_W
ClientSampleId :
NON-UST-03R-AMSD

Tgt Ion: 56 Resp: 48830
Ion Ratio Lower Upper
56 100
69 37.7 29.1 43.7
84 92.1 70.6 105.8

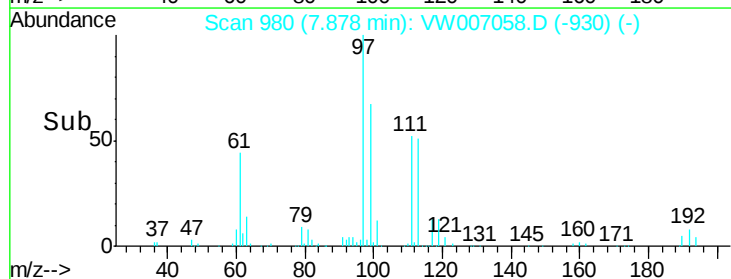
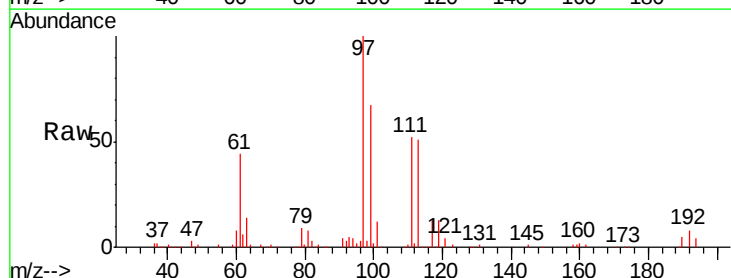
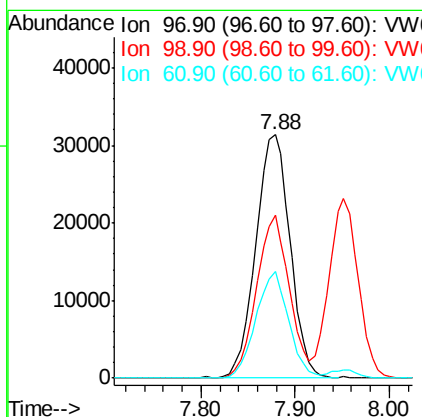
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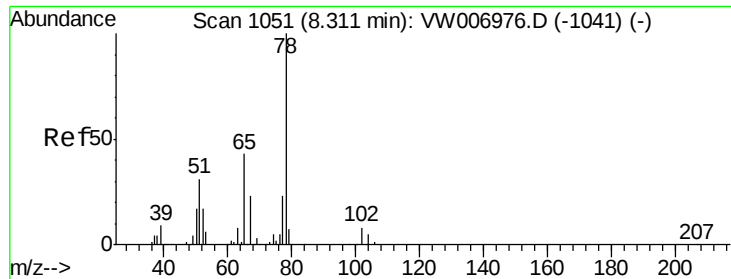
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#32
1,1,1-Trichloroethane
Concen: 56.93 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW007058.D
Acq: 26 Nov 2018 19:48

Tgt Ion: 97 Resp: 80259
Ion Ratio Lower Upper
97 100
99 64.0 51.9 77.9
61 41.7 33.4 50.2





#33

1,2-Dichloroethane-d4

Concen: 64.46 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW007058.D

Acq: 26 Nov 2018 19:48

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMSD

Tgt Ion: 65 Resp: 52304

Ion Ratio Lower Upper

65 100

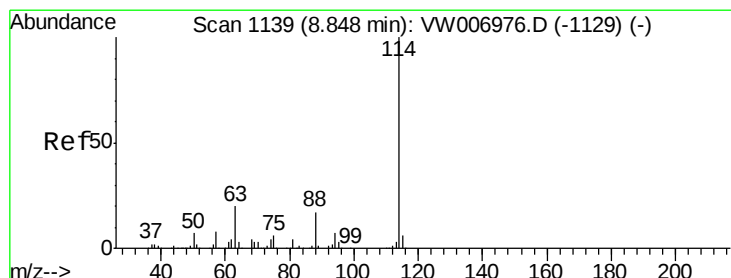
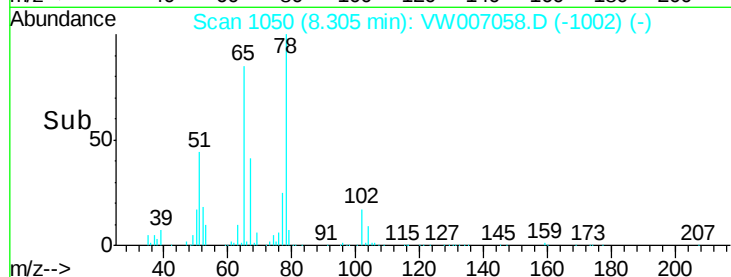
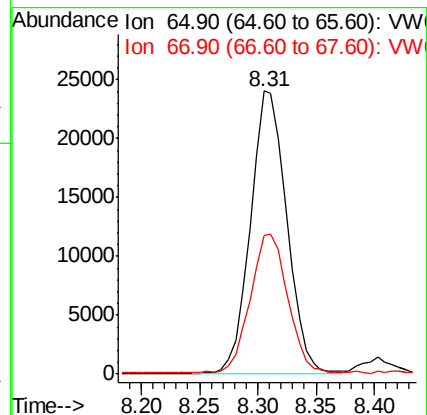
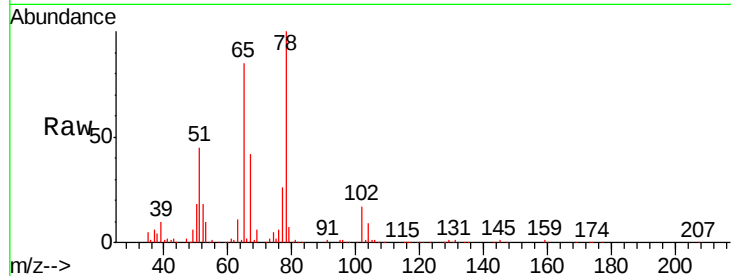
67 50.2 0.0 106.2

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW007058.D

Acq: 26 Nov 2018 19:48

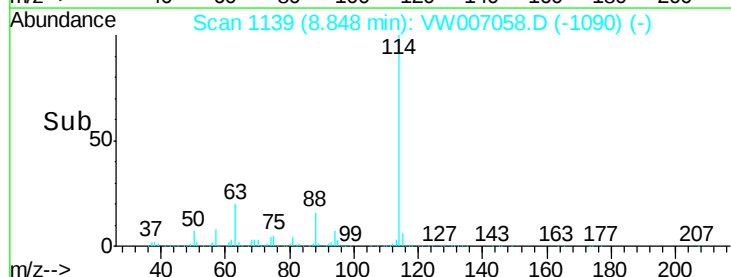
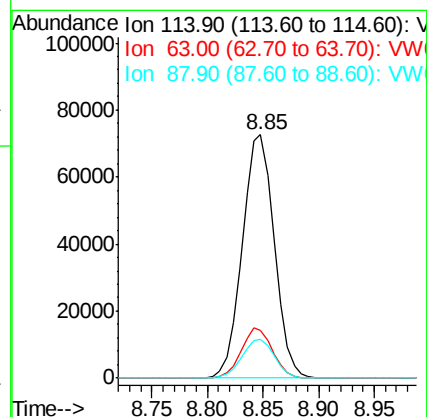
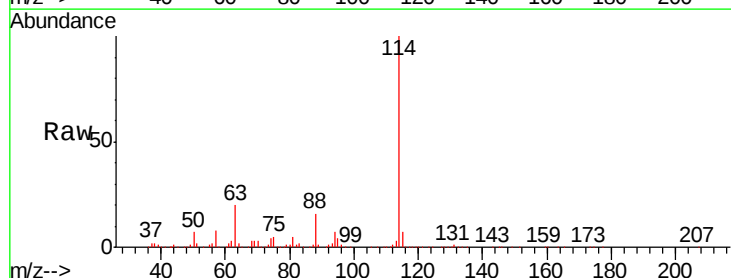
Tgt Ion: 114 Resp: 144425

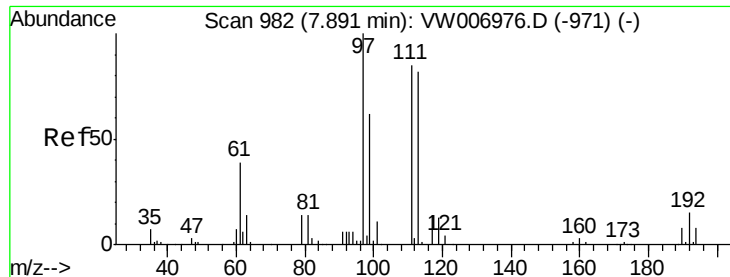
Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.4

88 16.1 0.0 34.2





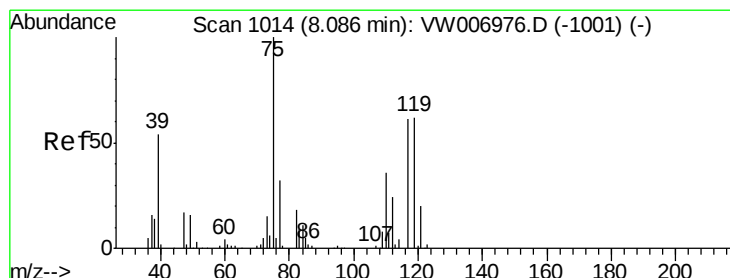
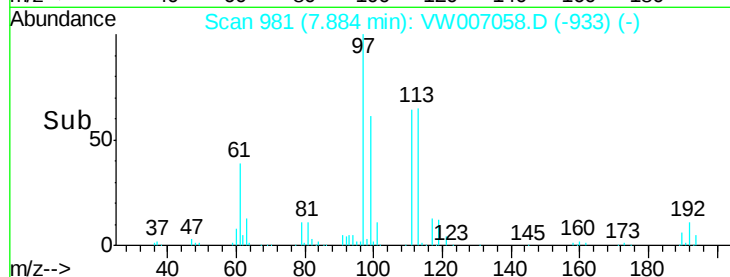
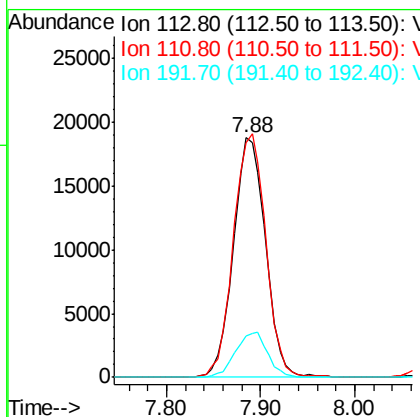
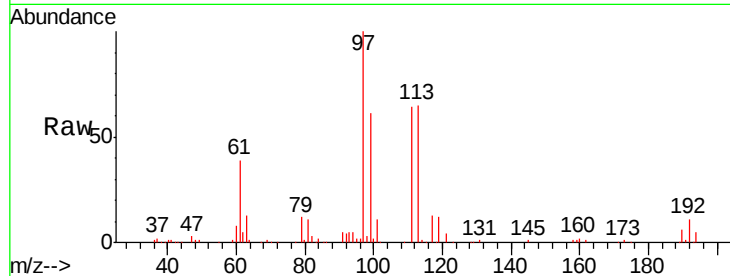
#35
 Dibromofluoromethane
 Concen: 54.76 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007058.D
 Acq: 26 Nov 2018 19:48

Instrument :
 MSVOA_W
 ClientSampleId :
 NON-UST-03R-AMSD

Tgt Ion: 113 Resp: 44665
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.0 121.6
 192 18.8 15.0 22.6

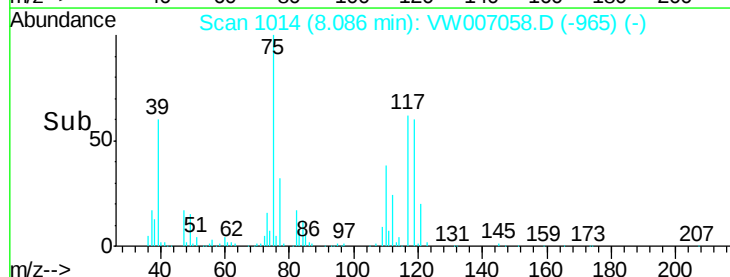
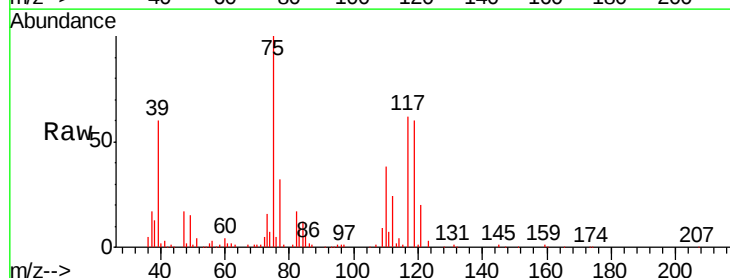
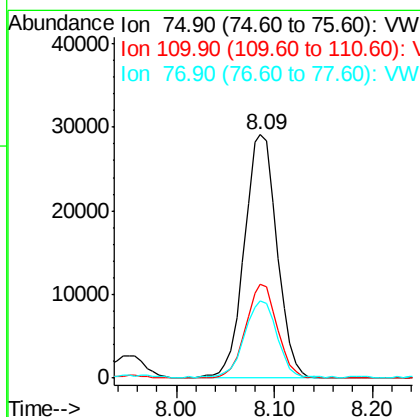
Manual Integrations
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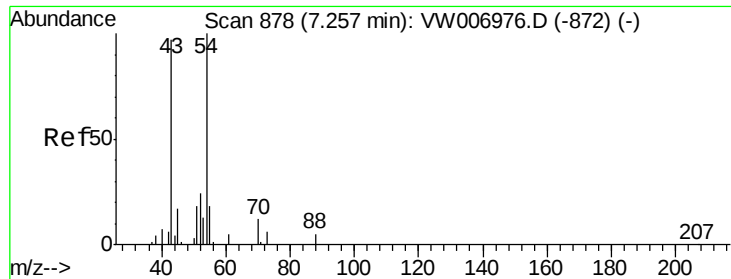
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#36
 1,1-Dichloropropene
 Concen: 47.92 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW007058.D
 Acq: 26 Nov 2018 19:48

Tgt Ion: 75 Resp: 67634
 Ion Ratio Lower Upper
 75 100
 110 37.1 18.0 54.0
 77 32.6 24.9 37.3





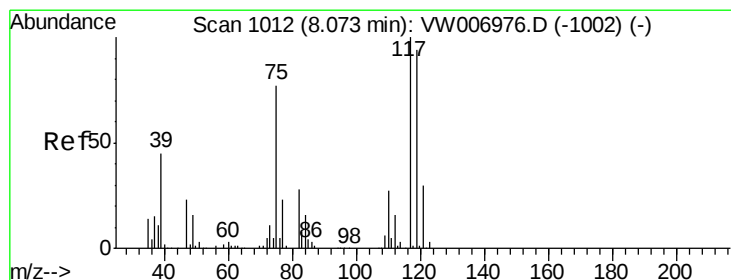
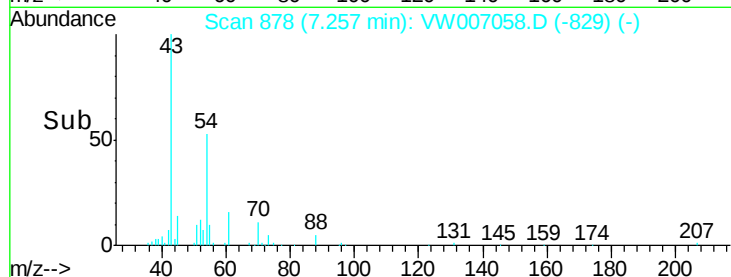
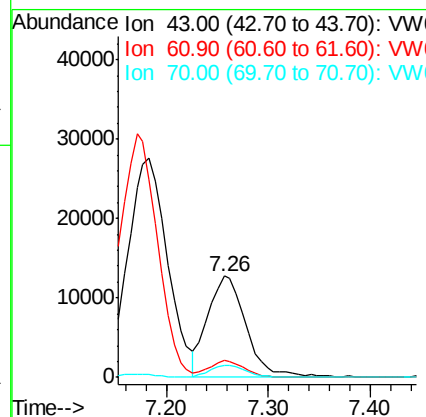
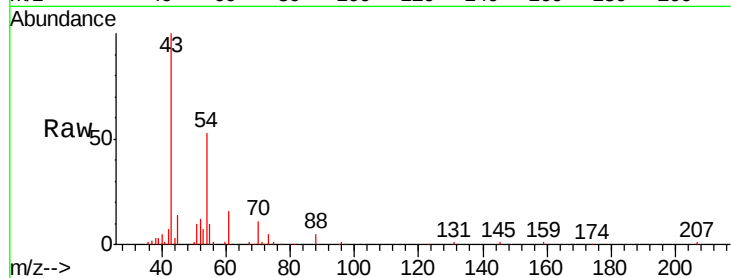
#37
Ethyl Acetate
Concen: 63.84 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW007058.D
Acq: 26 Nov 2018 19:48

Instrument :
MSVOA_W
ClientSampleId :
NON-UST-03R-AMSD

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.4	10.4	15.6
70	11.6	8.8	13.2

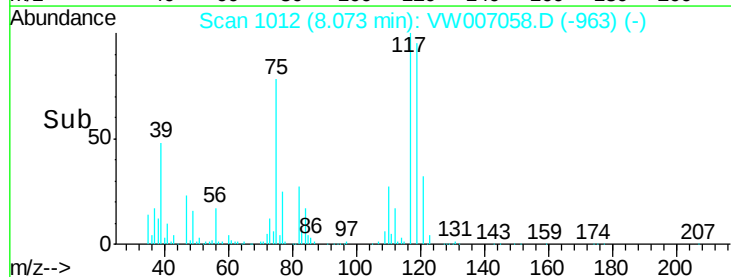
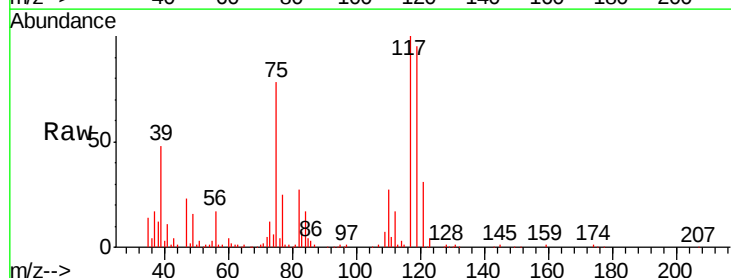
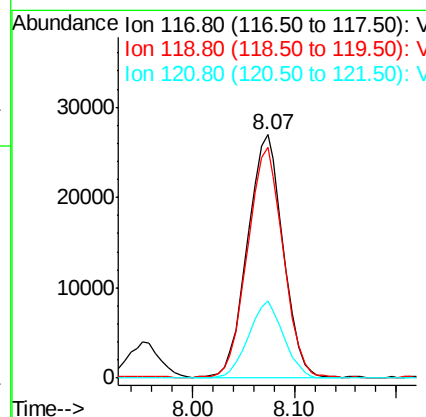
Manual Integrations
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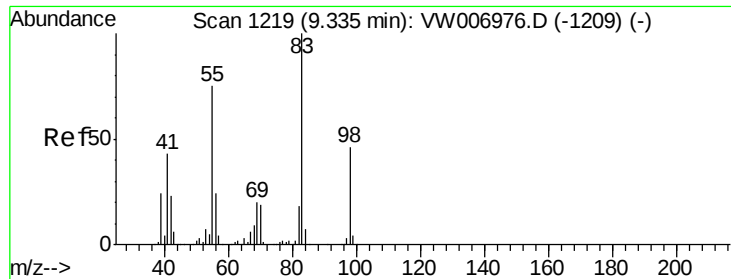
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#38
Carbon Tetrachloride
Concen: 48.10 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW007058.D
Acq: 26 Nov 2018 19:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	74.9	112.3
121	31.6	23.6	35.4





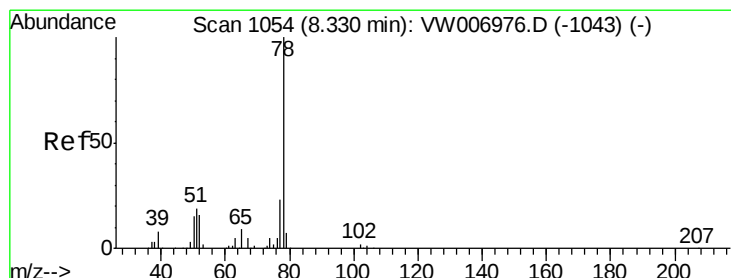
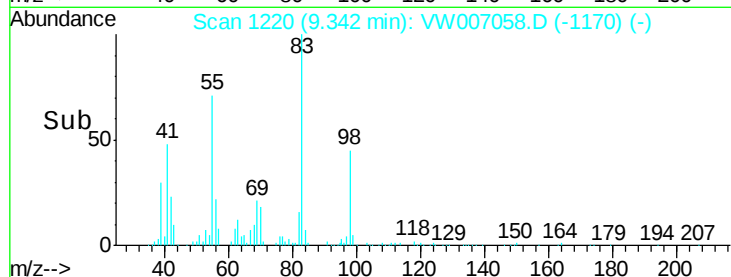
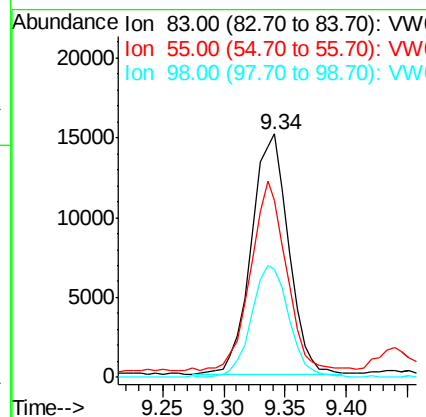
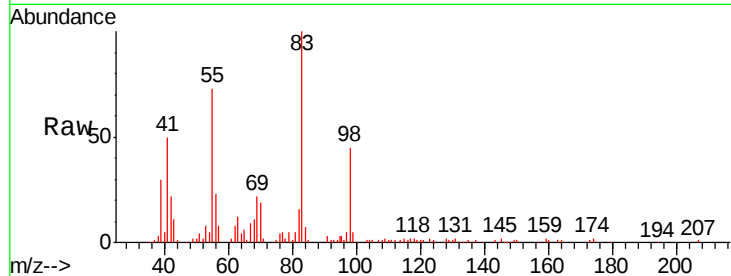
#39
Methylcyclohexane
Concen: 18.04 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.01 min
Lab File: VW007058.D
Acq: 26 Nov 2018 19:48

Instrument :
MSVOA_W
ClientSampleId :
NON-UST-03R-AMSD

Tgt Ion	Ratio	Lower	Upper
83	100		
55	69.9	59.6	89.4
98	44.7	37.1	55.7

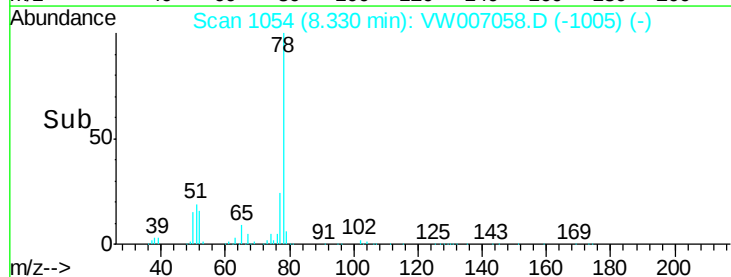
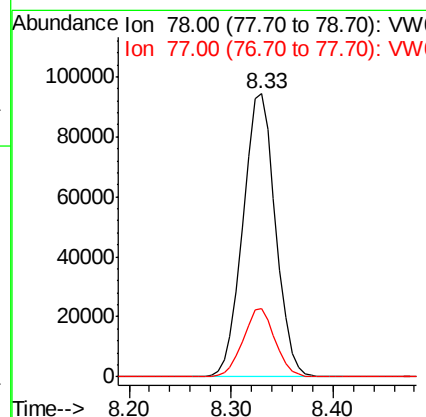
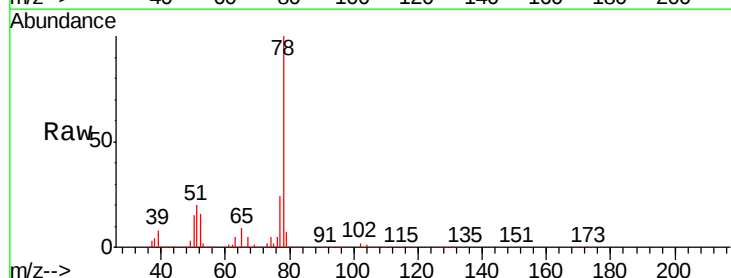
Manual Integrations
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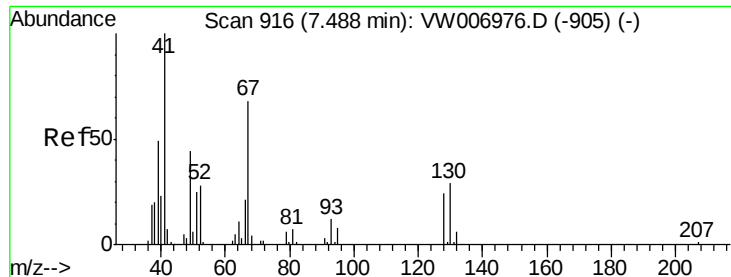
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#40
Benzene
Concen: 54.91 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW007058.D
Acq: 26 Nov 2018 19:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.6	28.0





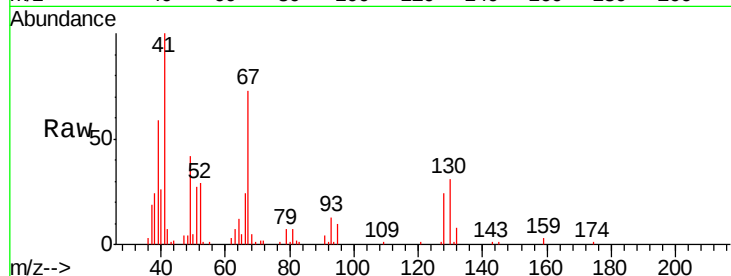
#41
Methacrylonitrile
Concen: 61.80 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW007058.D
Acq: 26 Nov 2018 19:48

Instrument :
MSVOA_W
ClientSampleId :
NON-UST-03R-AMSD

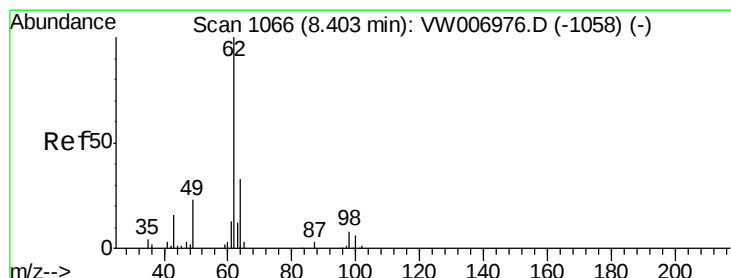
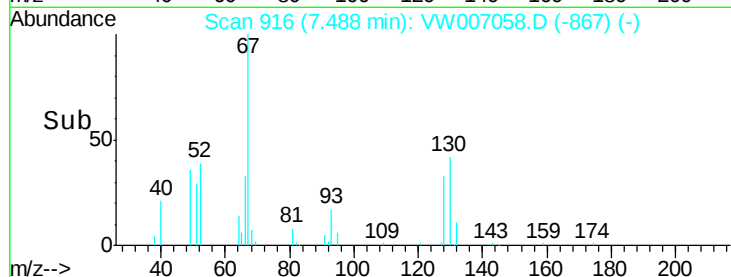
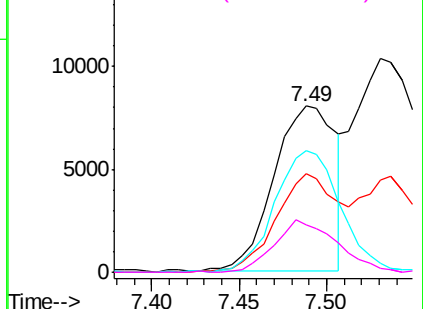
Tgt Ion:	41	Resp:	19627
Ion Ratio	Lower	Upper	
41	100		
39	61.8	48.6	73.0
67	79.4	59.8	89.8
52	32.0	24.8	37.2

Manual Integrations
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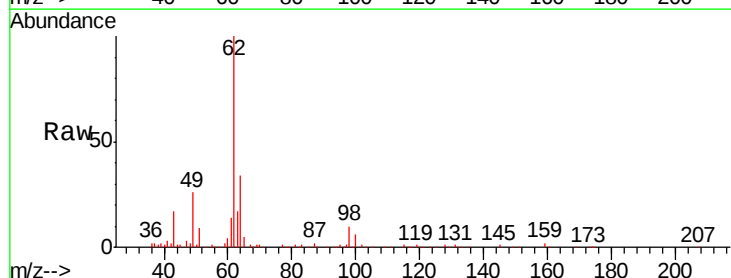


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

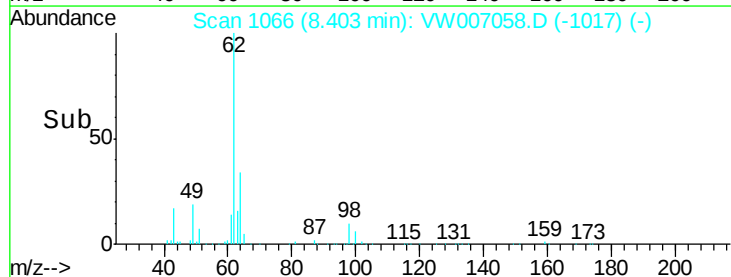
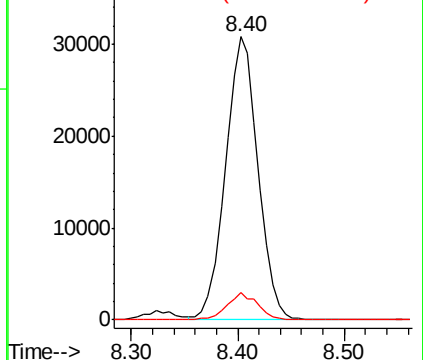


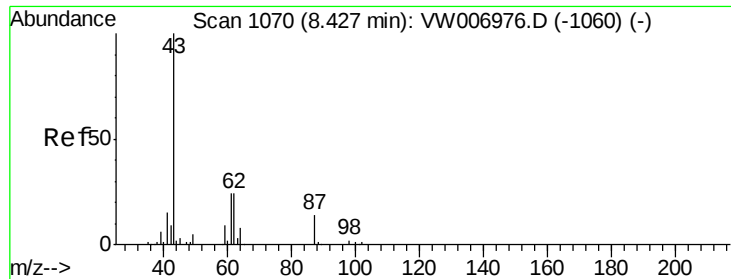
#42
1,2-Dichloroethane
Concen: 59.16 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW007058.D
Acq: 26 Nov 2018 19:48

Tgt Ion:	62	Resp:	65431
Ion Ratio	Lower	Upper	
62	100		
98	9.1	0.0	18.6



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





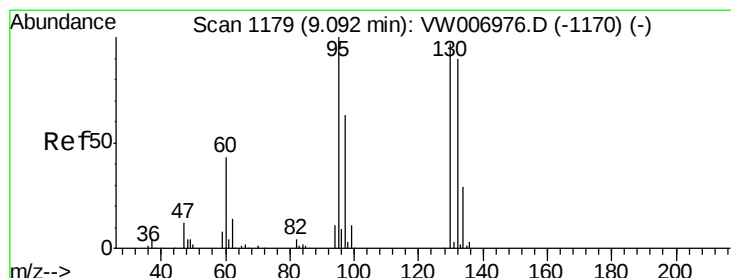
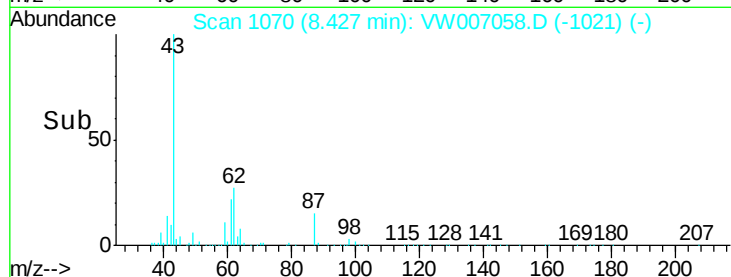
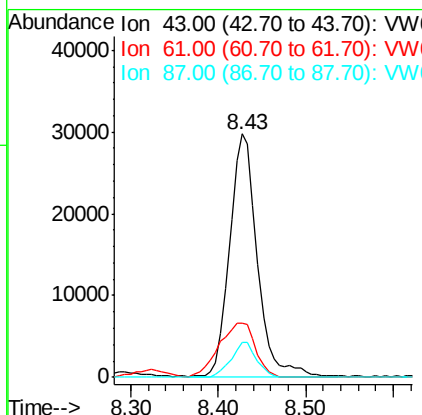
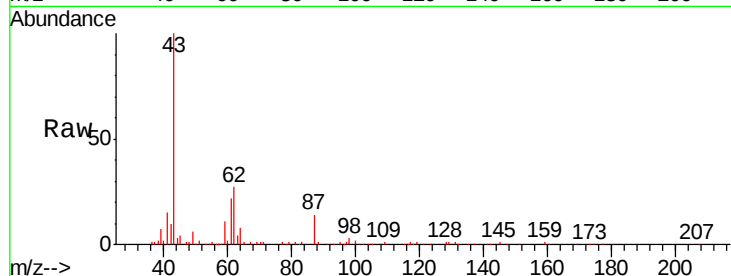
#43
Isopropyl Acetate
Concen: 66.58 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VW007058.D
Acq: 26 Nov 2018 19:48

Instrument :
MSVOA_W
ClientSampleId :
NON-UST-03R-AMSD

Tgt Ion	Ratio	Lower	Upper
43	100		
61	29.7	26.1	39.1
87	13.6	11.2	16.8

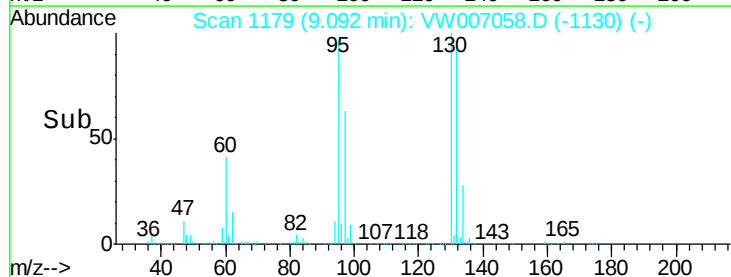
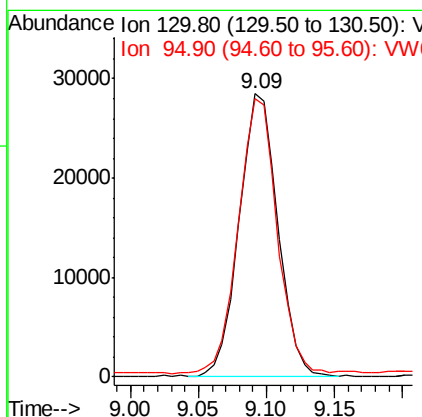
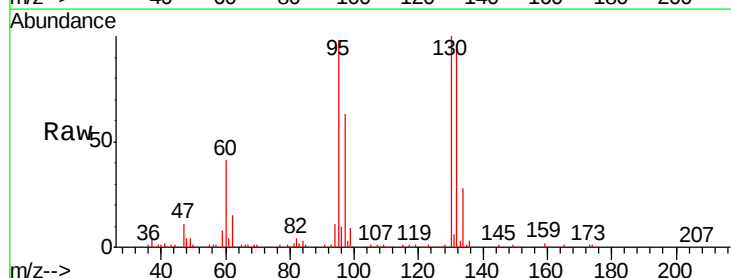
Manual Integrations
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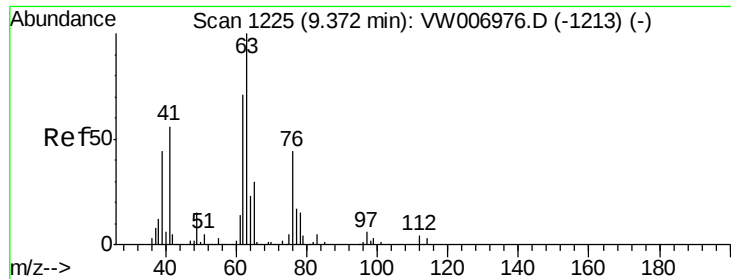
apatel
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#44
Trichloroethene
Concen: 52.74 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW007058.D
Acq: 26 Nov 2018 19:48

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.1	0.0	206.4





#45

1,2-Dichloropropane

Concen: 55.17 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW007058.D

Acq: 26 Nov 2018 19:48

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMSD

Tgt Ion: 63 Resp: 51814

Ion Ratio Lower Upper

63 100

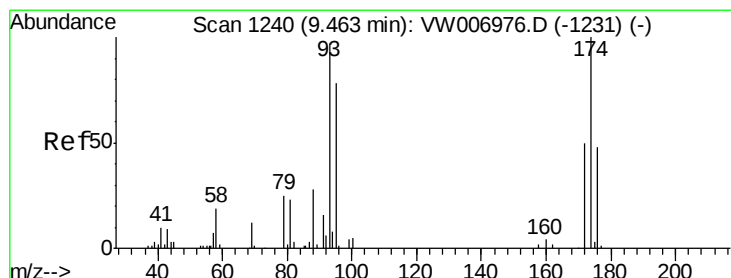
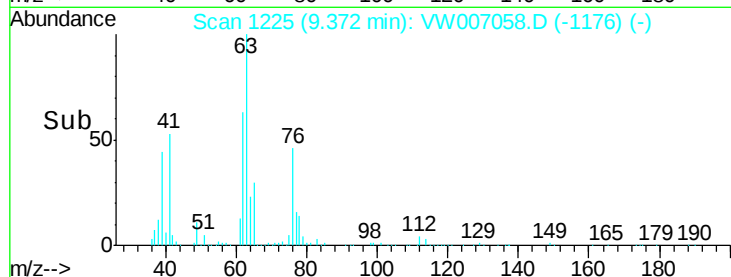
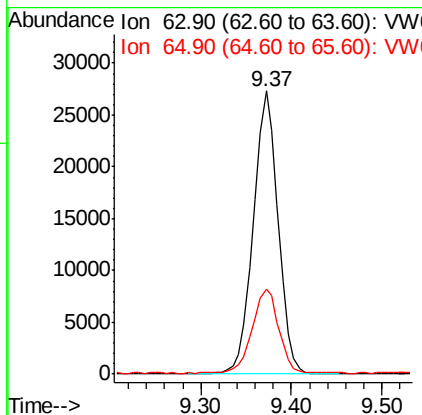
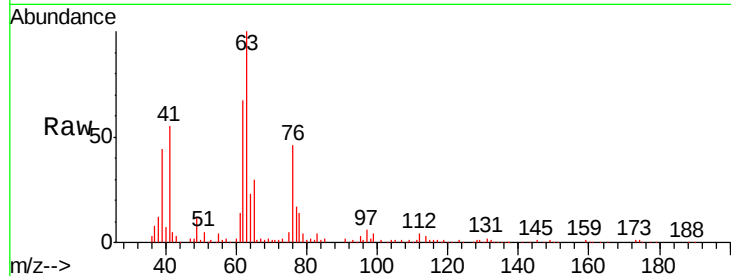
65 29.6 24.4 36.6

Manual Integrations

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#46

Dibromomethane

Concen: 60.66 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW007058.D

Acq: 26 Nov 2018 19:48

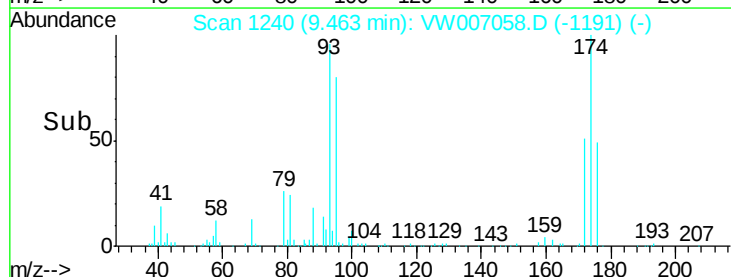
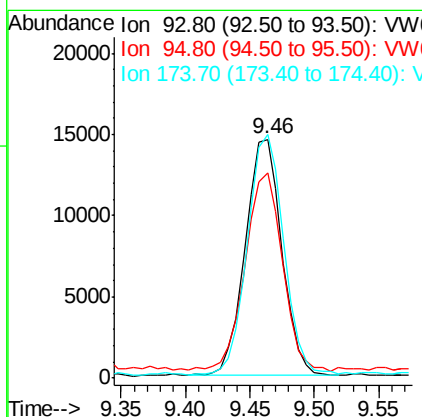
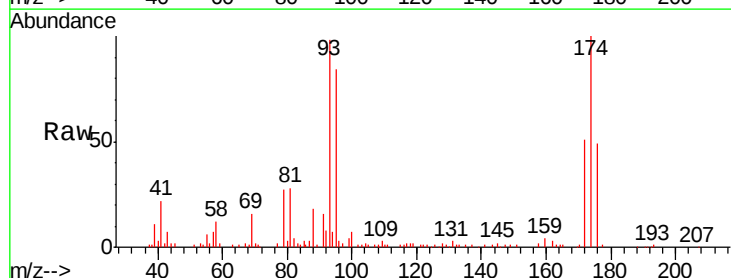
Tgt Ion: 93 Resp: 28530

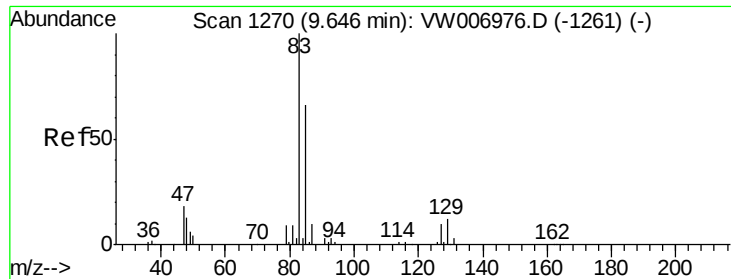
Ion Ratio Lower Upper

93 100

95 85.6 66.1 99.1

174 100.8 79.7 119.5





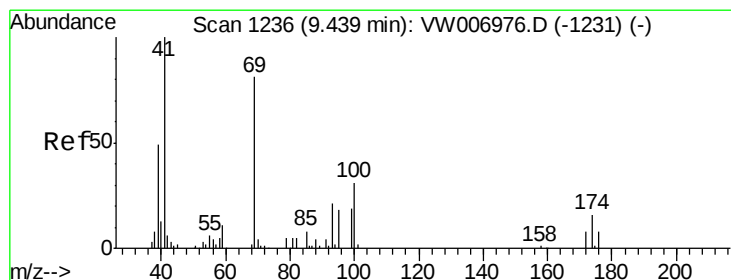
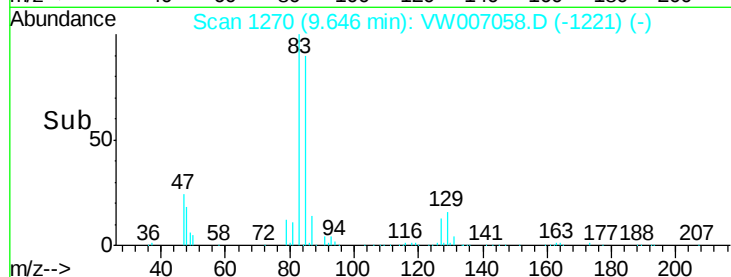
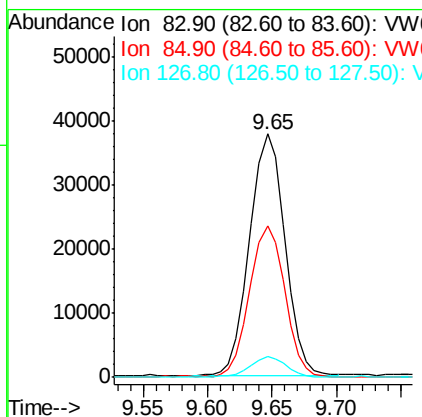
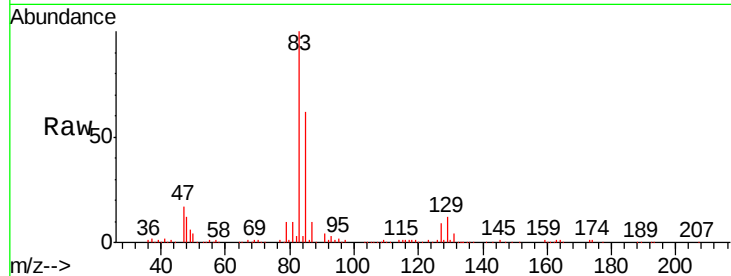
#47
 Bromodichloromethane
 Concen: 57.93 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW007058.D
 Acq: 26 Nov 2018 19:48

Instrument :
 MSVOA_W
 ClientSampleId :
 NON-UST-03R-AMSD

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	52.9	79.3
127	8.6	7.8	11.6

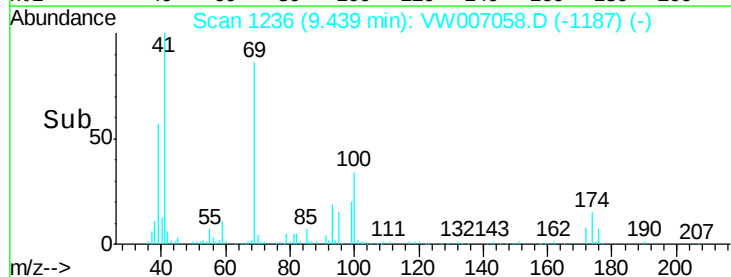
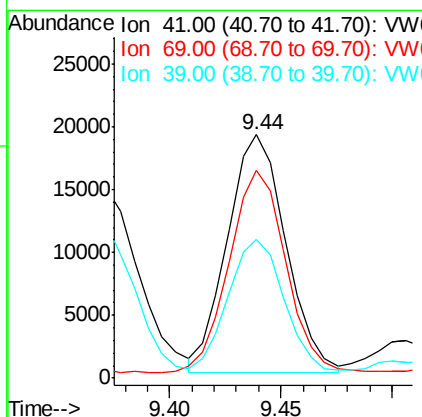
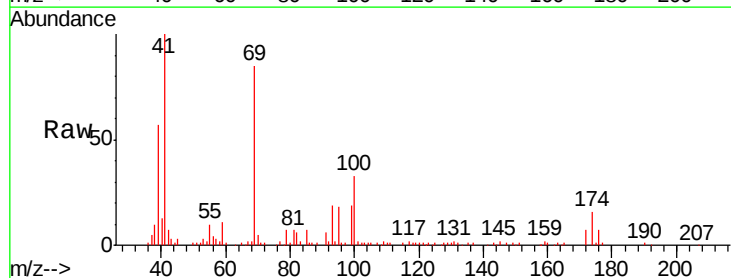
Manual Integrations
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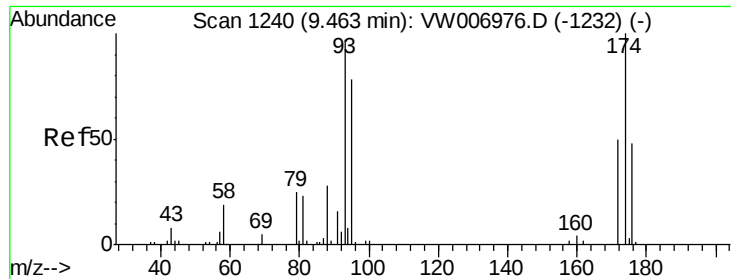
apatel
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#48
 Methyl methacrylate
 Concen: 73.45 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VW007058.D
 Acq: 26 Nov 2018 19:48

Tgt Ion	Ratio	Lower	Upper
41	100		
69	83.7	71.4	107.0
39	57.8	44.8	67.2





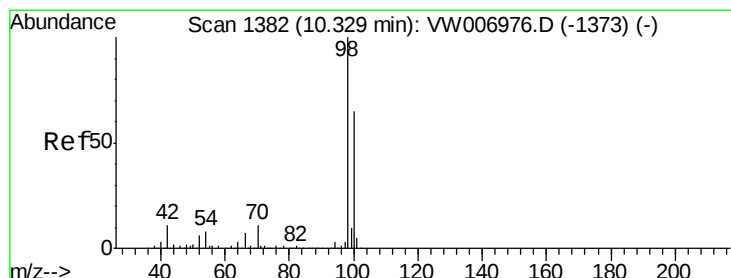
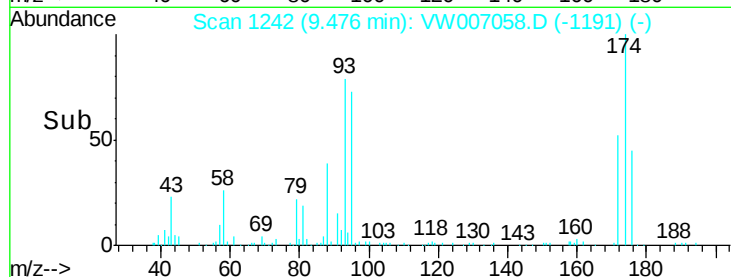
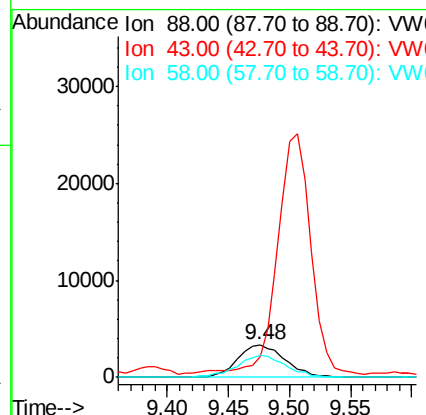
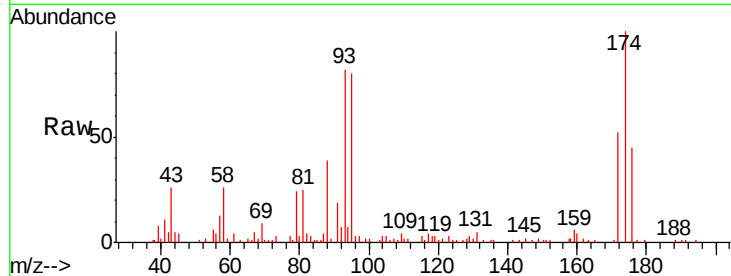
#49
1,4-Dioxane
Concen: 1291.13 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VW007058.D
Acq: 26 Nov 2018 19:48

Instrument :
MSVOA_W
ClientSampleId :
NON-UST-03R-AMSD

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	72.0	59.0	88.6

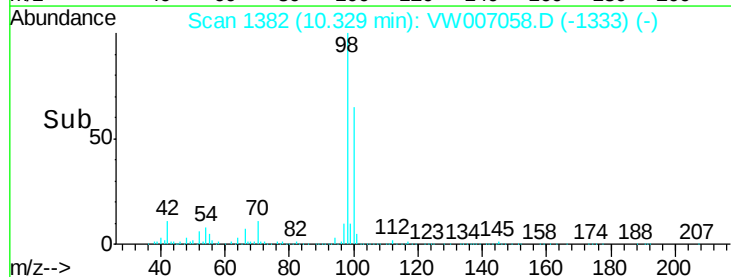
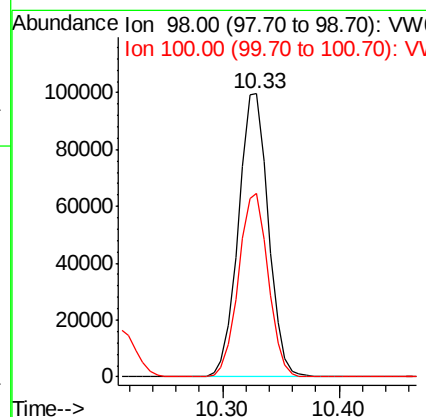
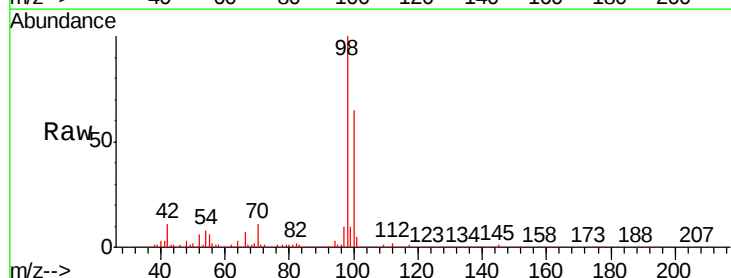
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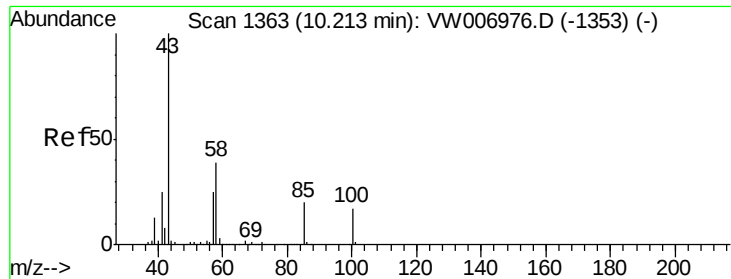
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#50
Toluene-d8
Concen: 49.51 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW007058.D
Acq: 26 Nov 2018 19:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.2	78.2





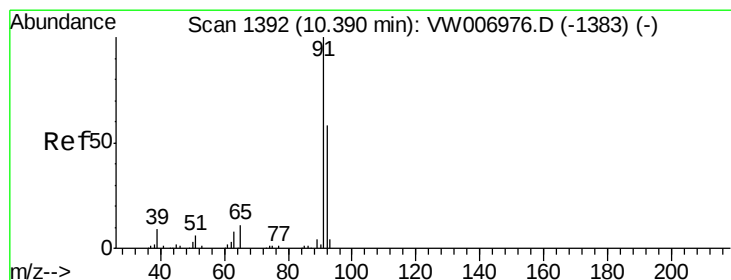
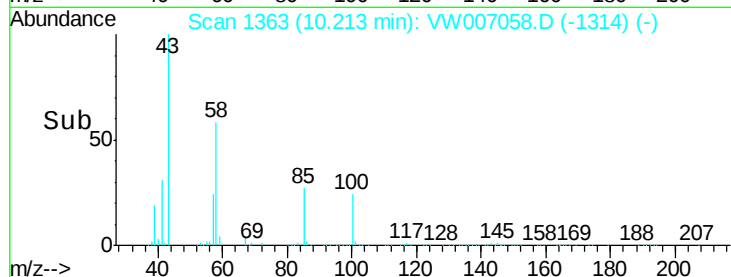
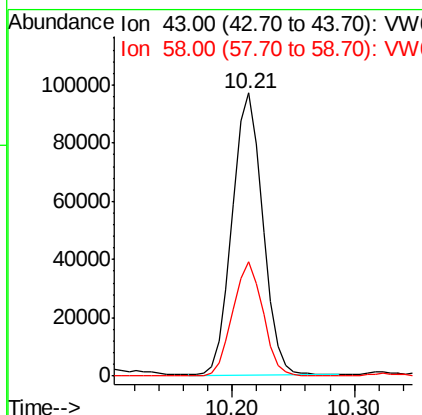
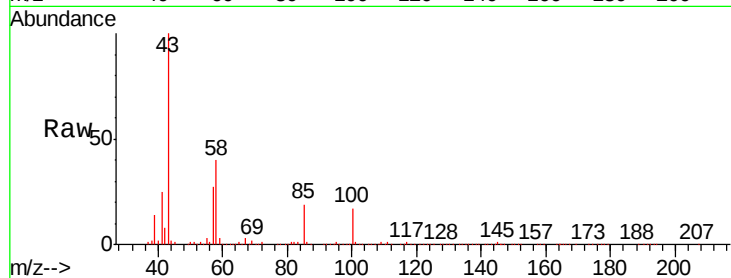
#51
4-Methyl-2-Pentanone
Concen: 339.65 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW007058.D
Acq: 26 Nov 2018 19:48

Instrument :
MSVOA_W
ClientSampleId :
NON-UST-03R-AMSD

Tgt Ion: 43 Resp: 167288
Ion Ratio Lower Upper
43 100
58 40.2 31.8 47.6

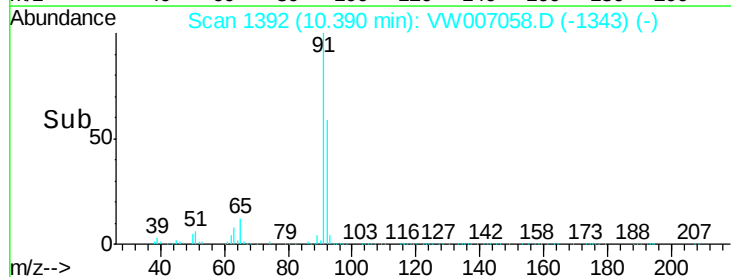
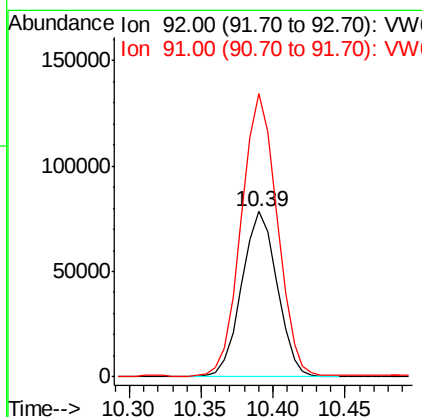
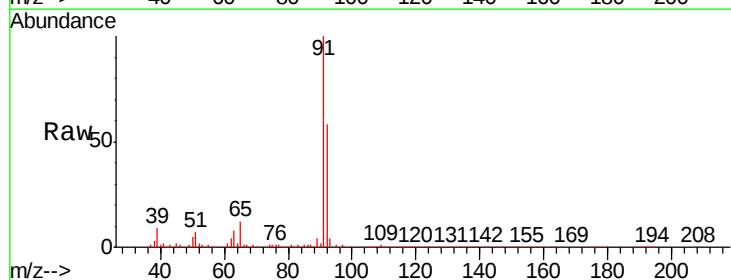
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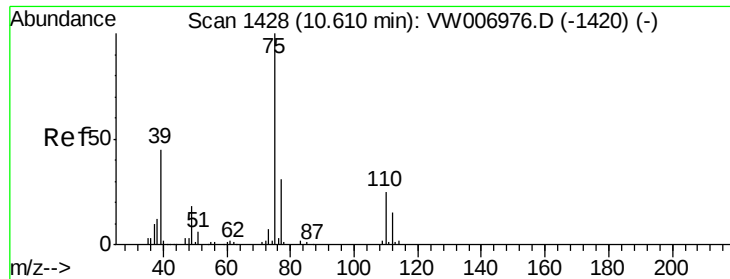
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#52
Toluene
Concen: 51.50 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW007058.D
Acq: 26 Nov 2018 19:48

Tgt Ion: 92 Resp: 133534
Ion Ratio Lower Upper
92 100
91 172.3 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 60.84 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW007058.D

Acq: 26 Nov 2018 19:48

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMSD

Tgt Ion: 75 Resp: 73025

Ion Ratio Lower Upper

75 100

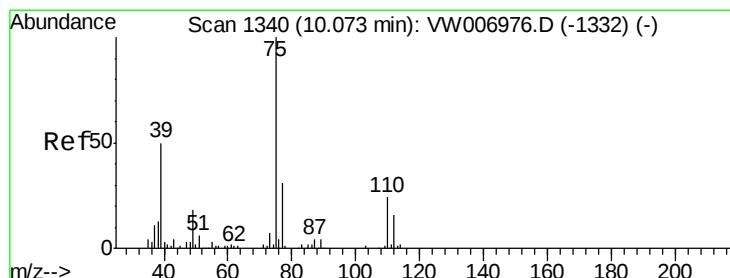
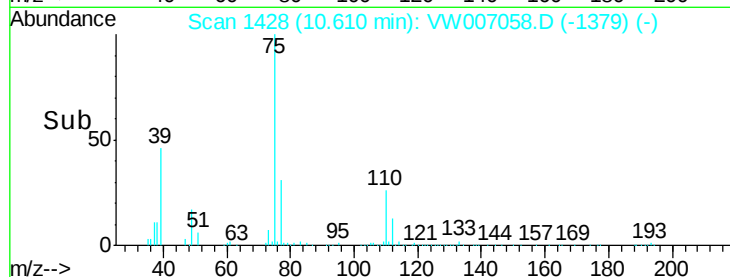
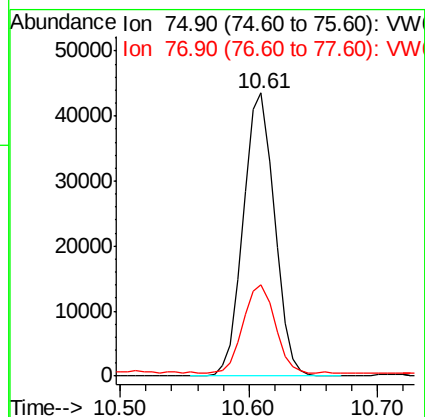
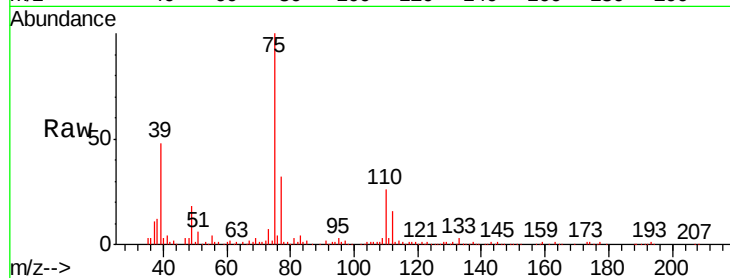
77 30.9 24.7 37.1

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 58.56 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW007058.D

Acq: 26 Nov 2018 19:48

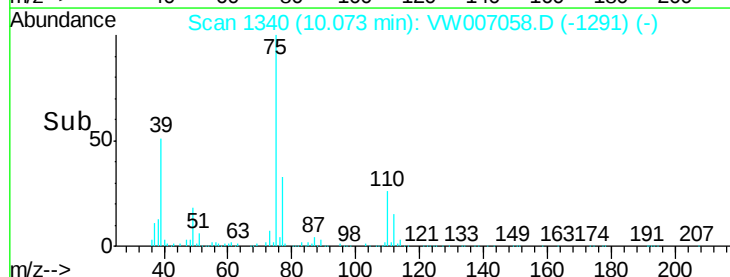
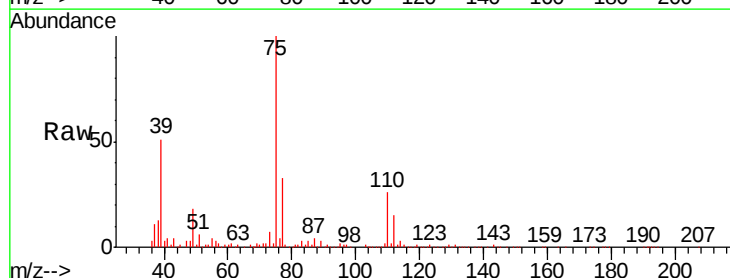
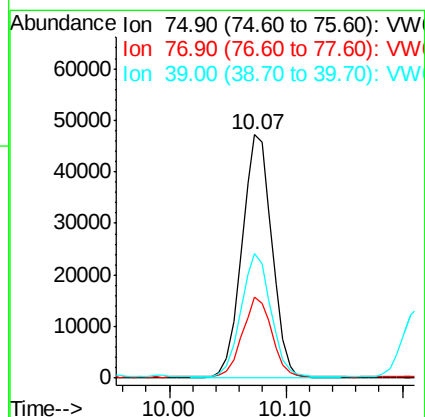
Tgt Ion: 75 Resp: 84922

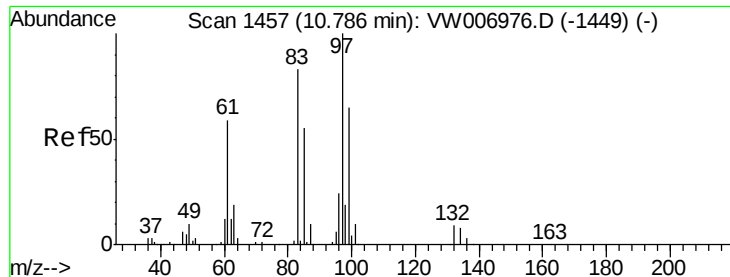
Ion Ratio Lower Upper

75 100

77 32.5 25.0 37.6

39 50.8 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 69.39 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW007058.D

Acq: 26 Nov 2018 19:48

Instrument :

MSVOA_W

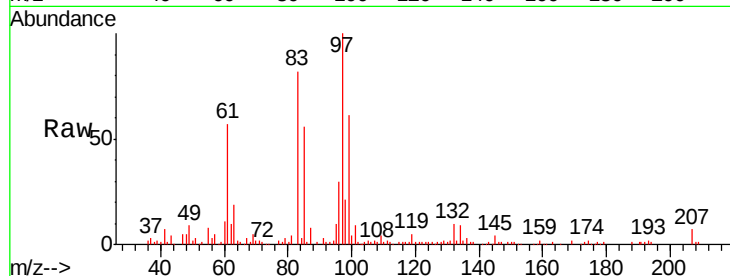
ClientSampleId :

NON-UST-03R-AMSD

Tgt Ion:	97	Resp:	48012
Ion	Ratio	Lower	Upper
97	100		
83	81.8	66.4	99.6
85	57.2	44.1	66.1
99	62.0	51.7	77.5

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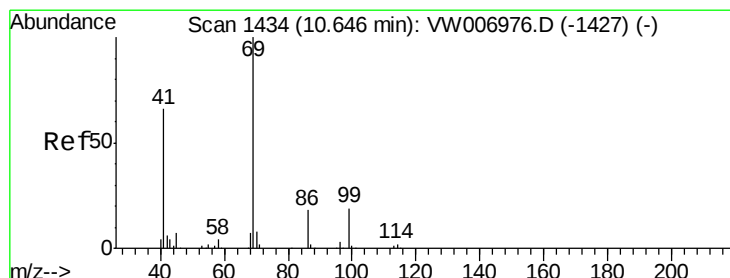
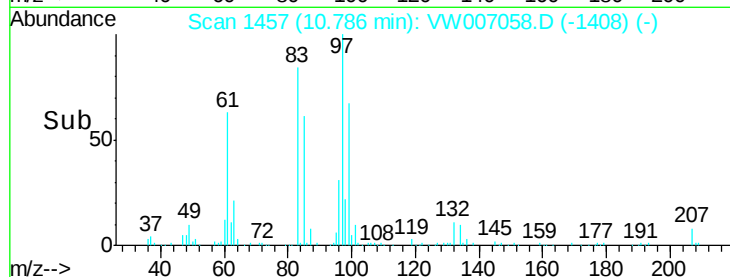
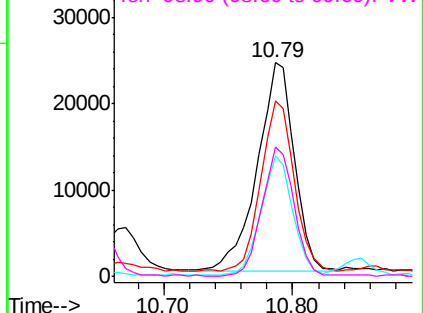


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 74.65 ug/l

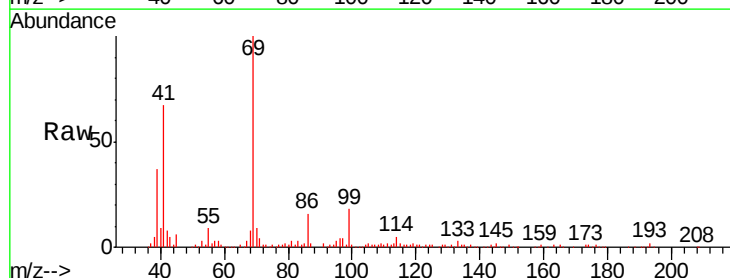
RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW007058.D

Acq: 26 Nov 2018 19:48

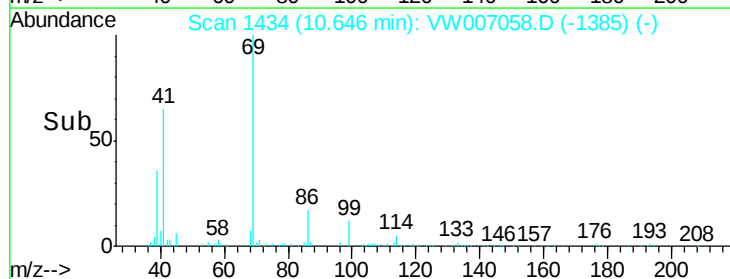
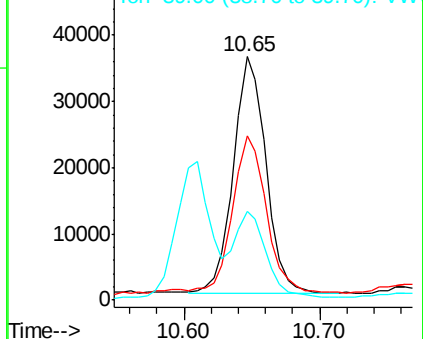
Tgt Ion:	69	Resp:	59954
Ion	Ratio	Lower	Upper
69	100		
41	69.0	53.4	80.0
39	35.7	28.2	42.4

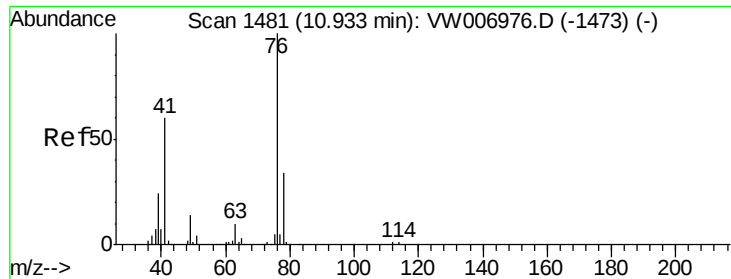


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 60.39 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW007058.D

Acq: 26 Nov 2018 19:48

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMSD

Tgt Ion: 76 Resp: 70027

Ion Ratio Lower Upper

76 100

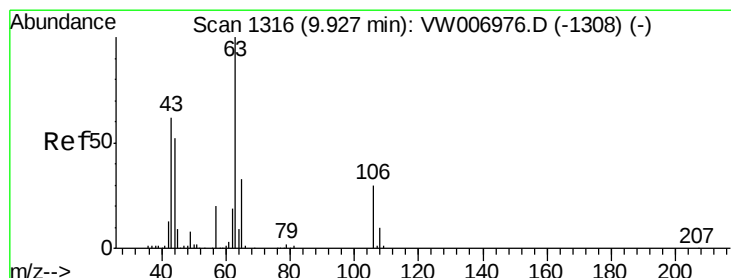
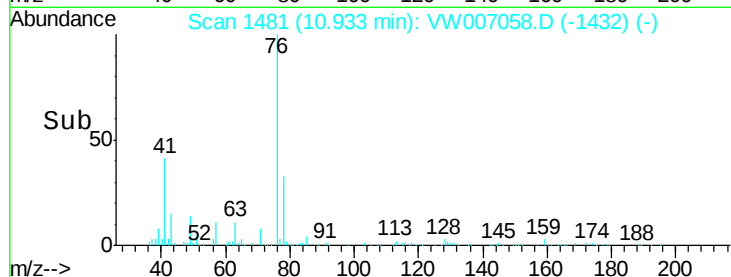
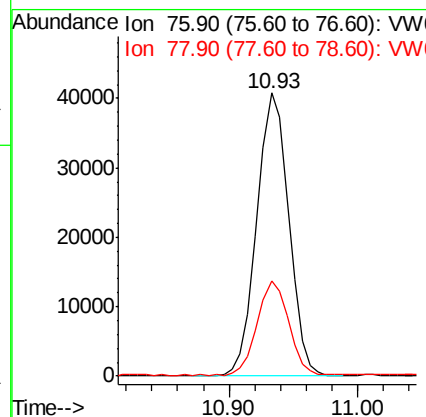
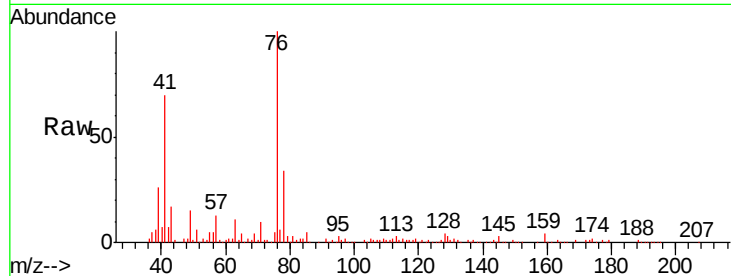
78 32.8 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 301.64 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW007058.D

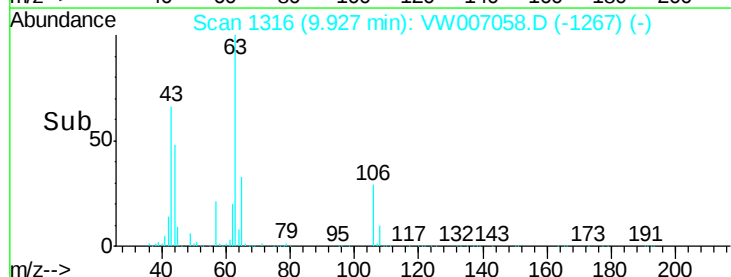
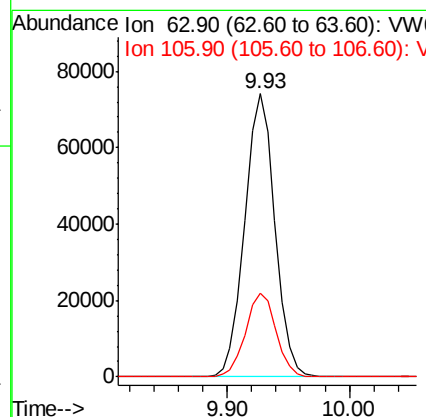
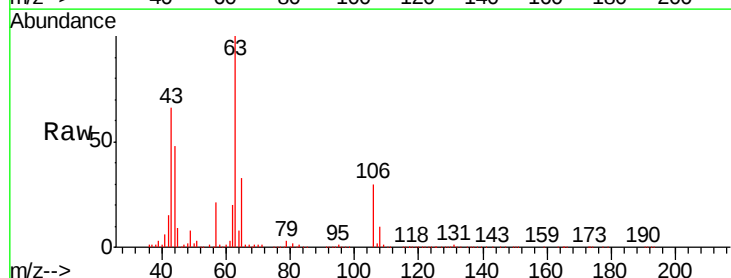
Acq: 26 Nov 2018 19:48

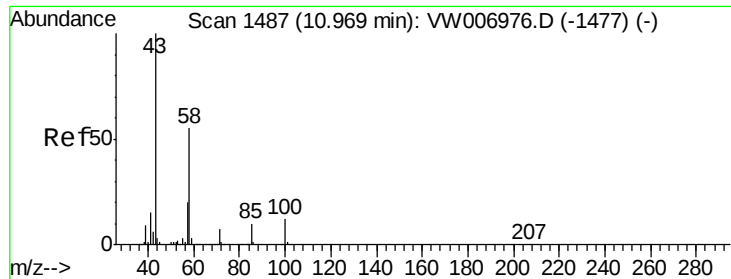
Tgt Ion: 63 Resp: 126599

Ion Ratio Lower Upper

63 100

106 30.1 23.5 35.3





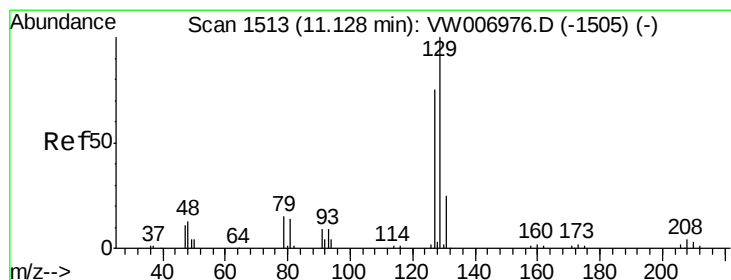
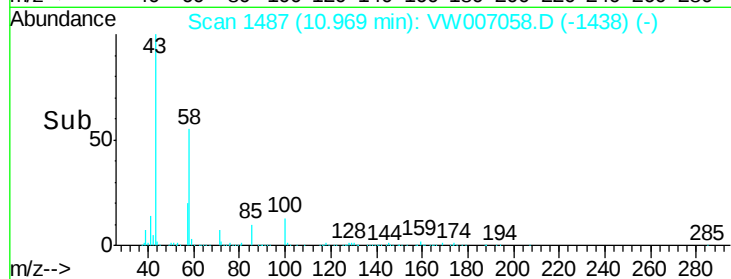
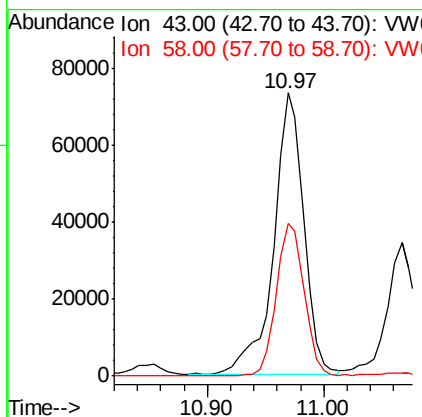
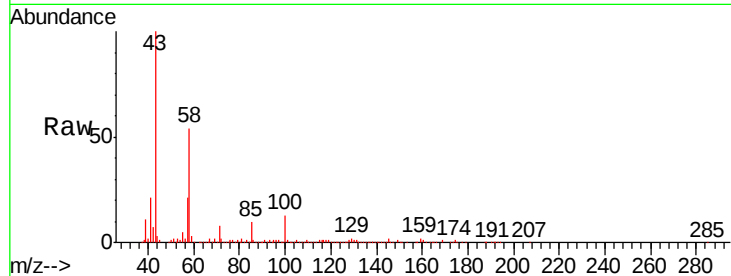
#59
2-Hexanone
Concen: 388.06 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW007058.D
Acq: 26 Nov 2018 19:48

Instrument :
MSVOA_W
ClientSampleId :
NON-UST-03R-AMSD

Tgt Ion: 43 Resp: 130885
Ion Ratio Lower Upper
43 100
58 50.3 27.3 81.8

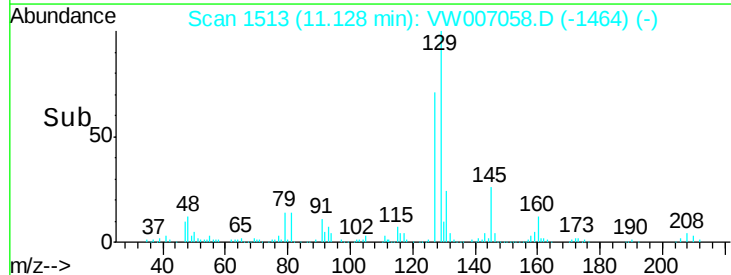
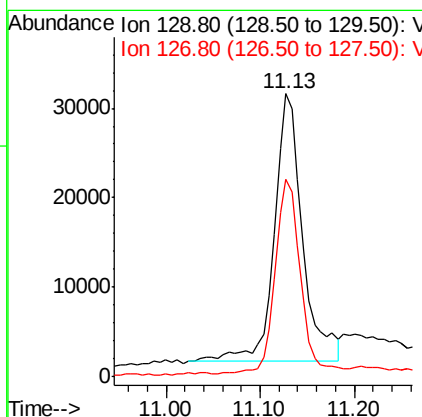
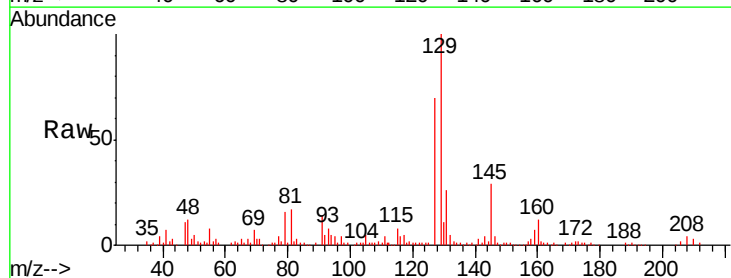
Manual Integrations
APPROVED

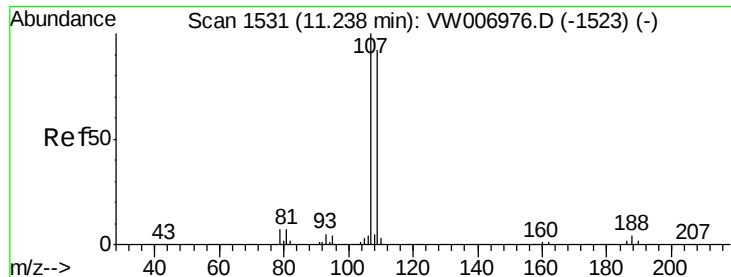
apatel
11/27/2018 2:44:22 PM



#60
Dibromochloromethane
Concen: 78.20 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW007058.D
Acq: 26 Nov 2018 19:48

Tgt Ion: 129 Resp: 61656
Ion Ratio Lower Upper
129 100
127 65.2 38.3 114.8





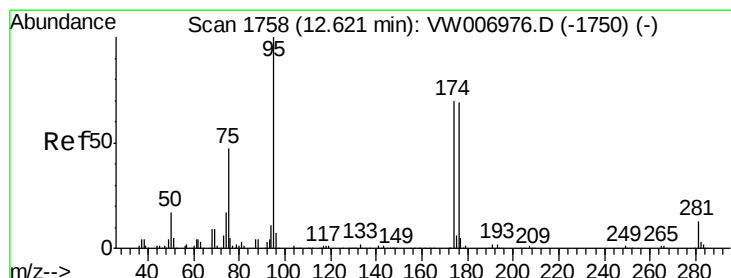
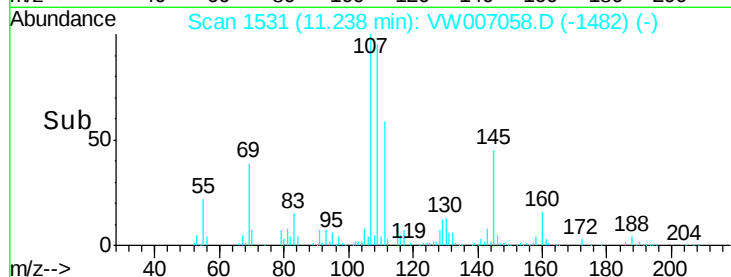
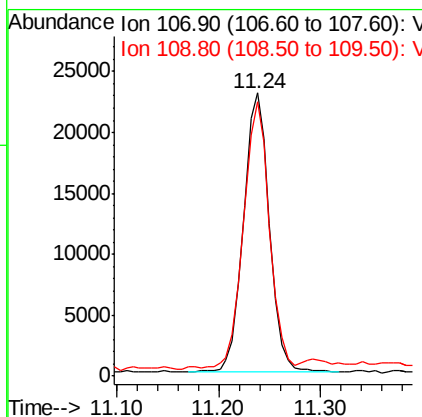
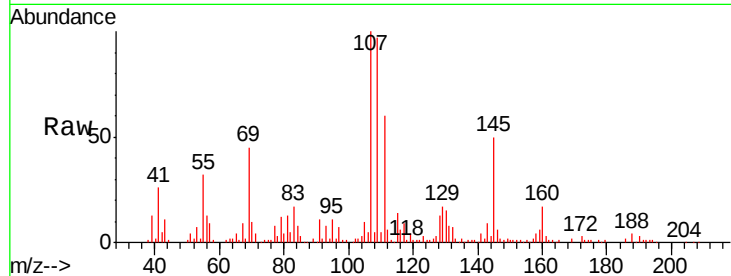
#61
 1,2-Dibromoethane
 Concen: 63.80 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW007058.D
 Acq: 26 Nov 2018 19:48

Instrument :
 MSVOA_W
 ClientSampleId :
 NON-UST-03R-AMSD

Tgt Ion: 107 Resp: 40384
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.1 112.7

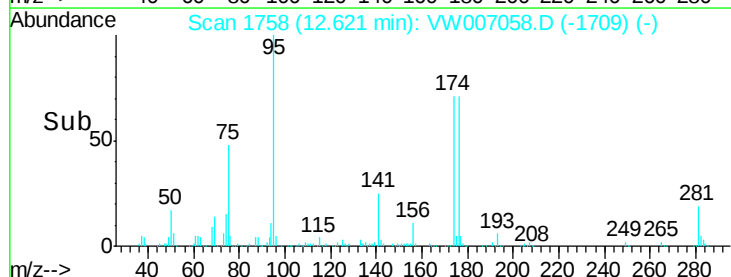
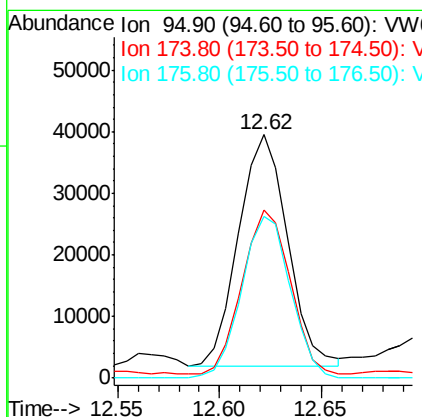
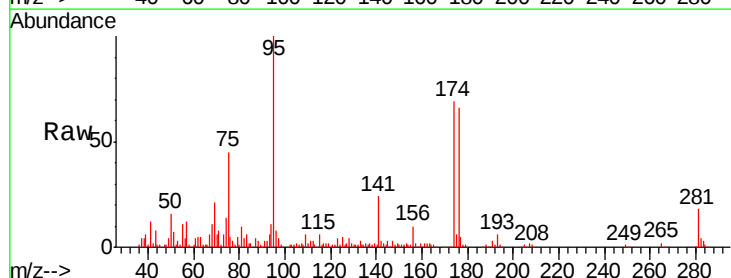
Manual Integrations
 APPROVED

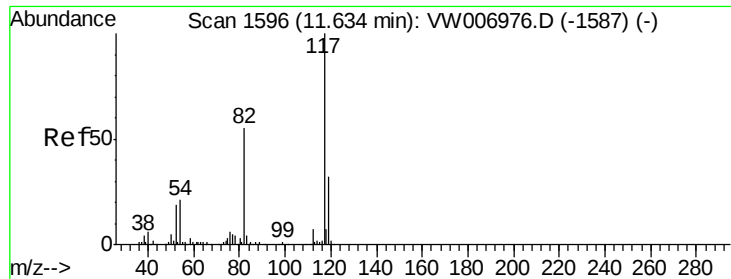
apatel
 11/27/2018 2:44:22 PM



#62
 4-Bromofluorobenzene
 Concen: 44.12 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW007058.D
 Acq: 26 Nov 2018 19:48

Tgt Ion: 95 Resp: 62534
 Ion Ratio Lower Upper
 95 100
 174 69.3 0.0 143.6
 176 70.0 0.0 140.4





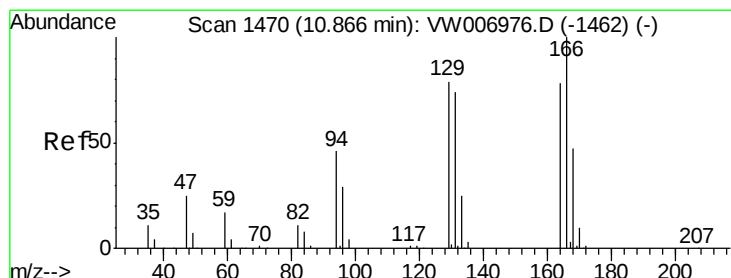
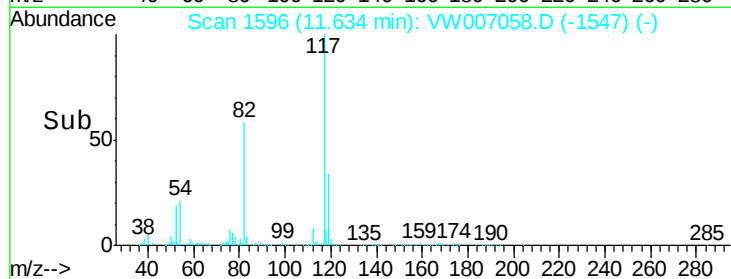
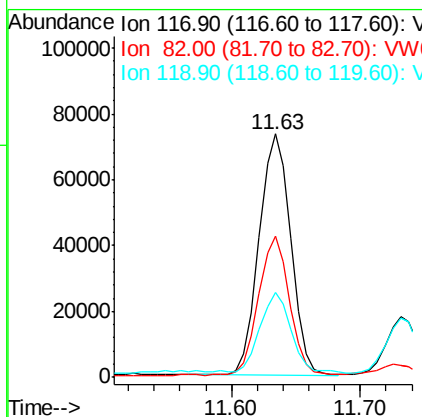
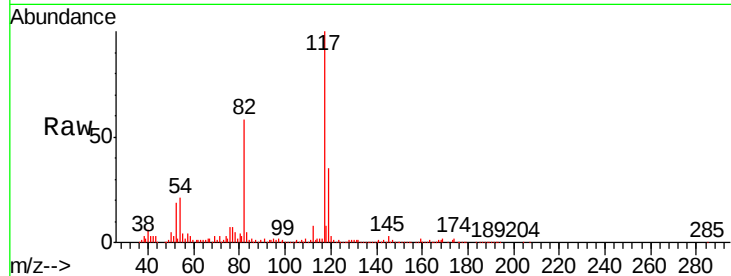
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007058.D
Acq: 26 Nov 2018 19:48

Instrument :
MSVOA_W
ClientSampleId :
NON-UST-03R-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	124886		
82	57.2	44.2	66.2	
119	32.8	25.9	38.9	

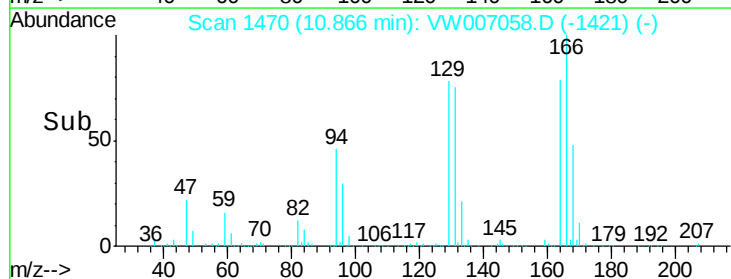
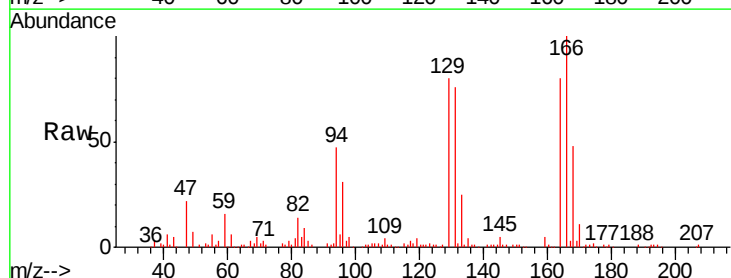
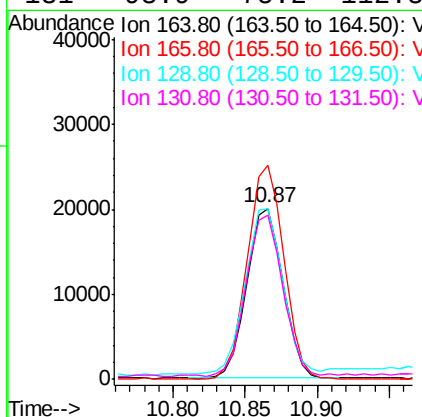
Manual Integrations
APPROVED

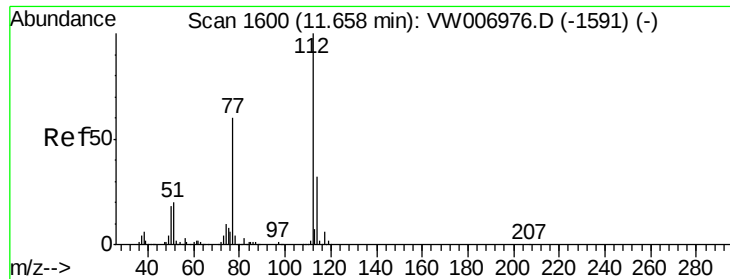
apatel
11/27/2018 2:44:22 PM



#64
Tetrachloroethene
Concen: 43.28 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW007058.D
Acq: 26 Nov 2018 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	34774		
166	125.9	102.1	153.1	
129	97.2	80.4	120.6	
131	93.9	75.2	112.8	





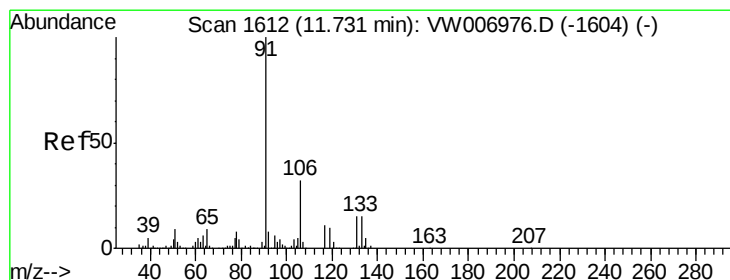
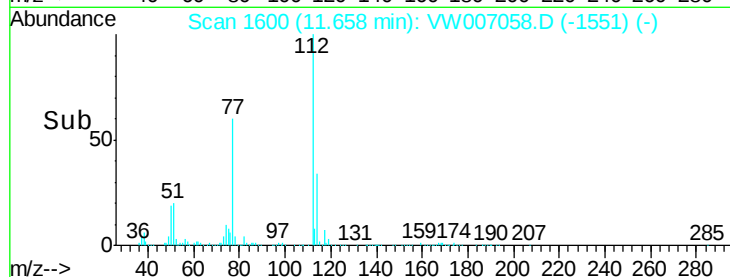
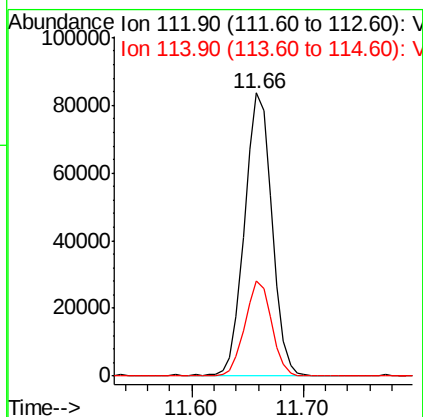
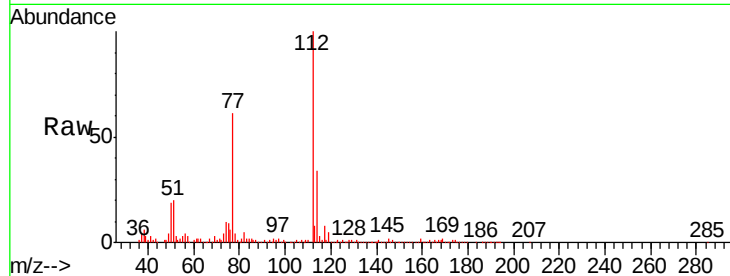
#65
Chlorobenzene
Concen: 54.61 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW007058.D
Acq: 26 Nov 2018 19:48

Instrument :
MSVOA_W
ClientSampleId :
NON-UST-03R-AMSD

Tgt Ion:112 Resp: 142354
Ion Ratio Lower Upper
112 100
114 33.6 25.8 38.8

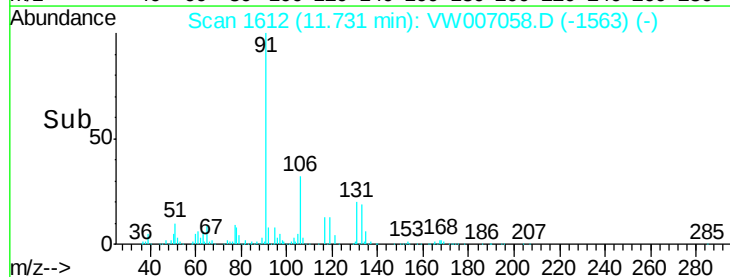
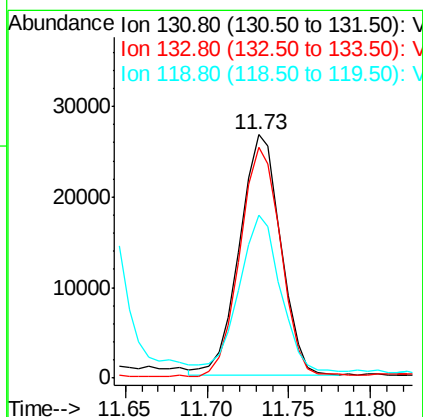
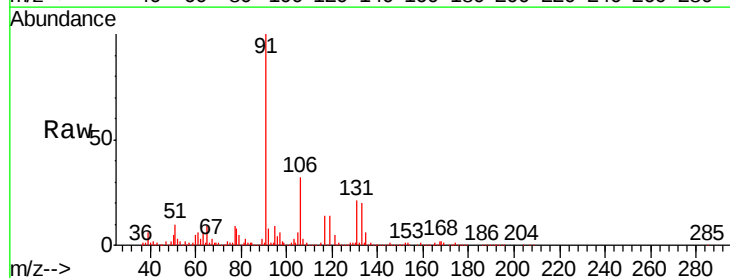
Manual Integrations
APPROVED

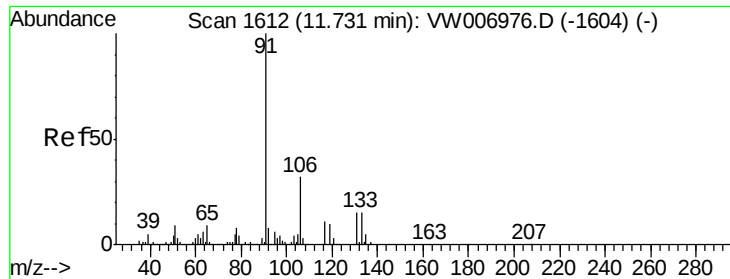
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 59.37 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007058.D
Acq: 26 Nov 2018 19:48

Tgt Ion:131 Resp: 46810
Ion Ratio Lower Upper
131 100
133 95.4 47.7 143.1
119 65.2 31.8 95.3





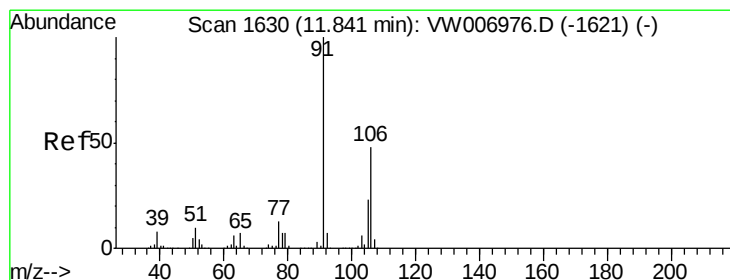
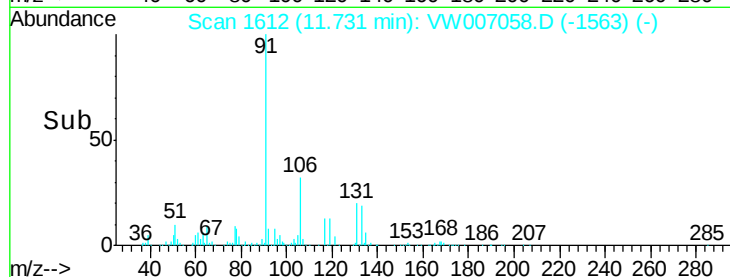
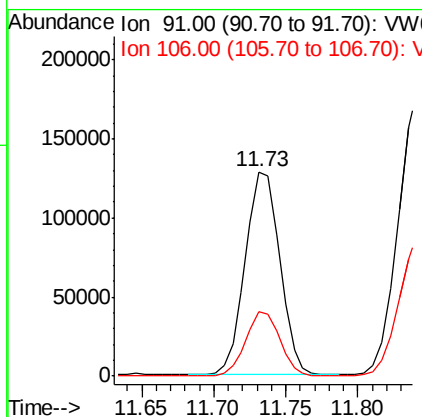
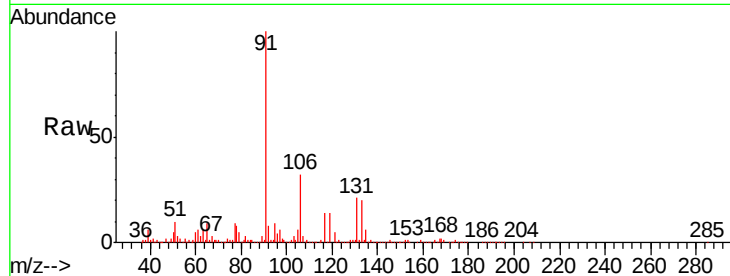
#67
Ethyl Benzene
Concen: 44.66 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007058.D
Acq: 26 Nov 2018 19:48

Instrument :
MSVOA_W
ClientSampleId :
NON-UST-03R-AMSD

Tgt Ion: 91 Resp: 213851
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.2

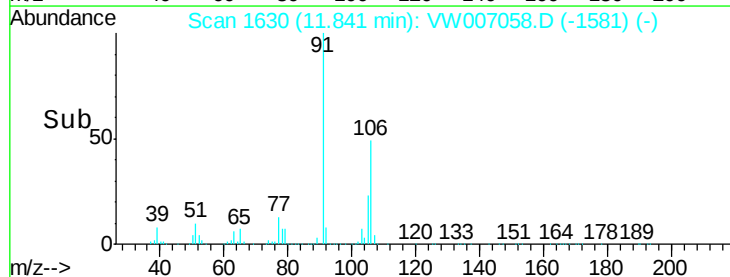
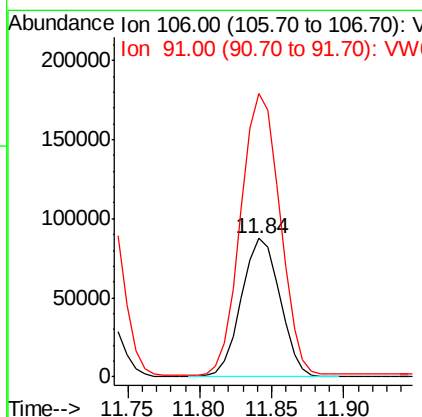
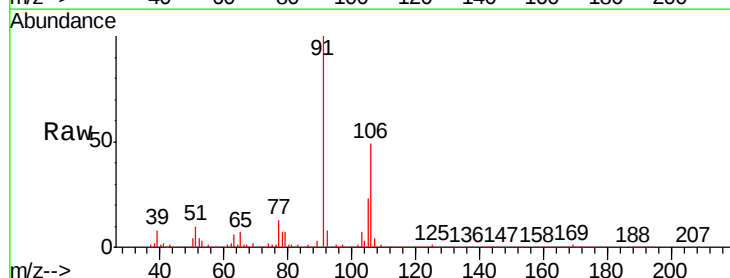
Manual Integrations
APPROVED

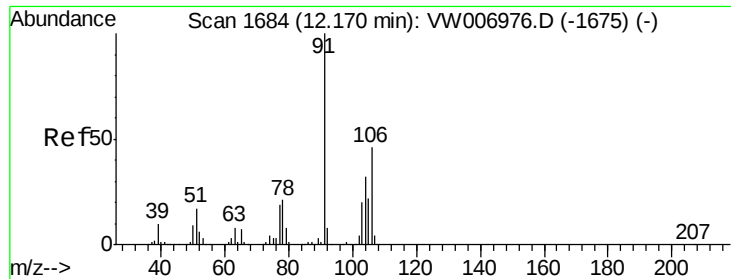
apatel
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#68
m/p-Xylenes
Concen: 86.75 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW007058.D
Acq: 26 Nov 2018 19:48

Tgt Ion: 106 Resp: 162980
Ion Ratio Lower Upper
106 100
91 207.9 164.8 247.2





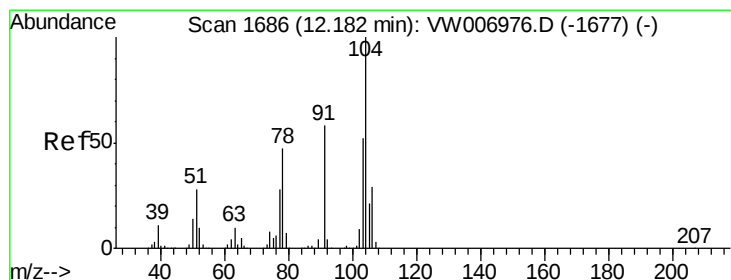
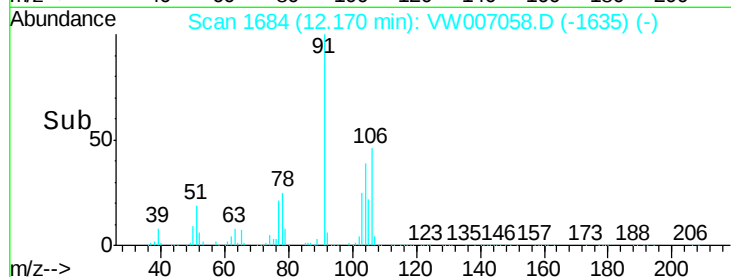
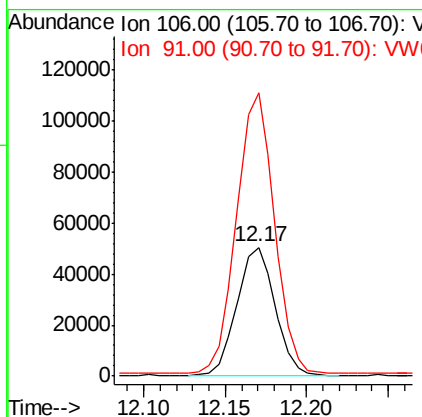
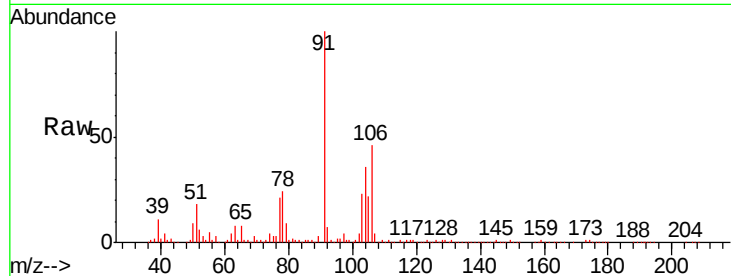
#69
o-Xylene
Concen: 46.13 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007058.D
Acq: 26 Nov 2018 19:48

Instrument :
MSVOA_W
ClientSampleId :
NON-UST-03R-AMSD

Tgt Ion:106 Resp: 81721
Ion Ratio Lower Upper
106 100
91 217.5 107.9 323.8

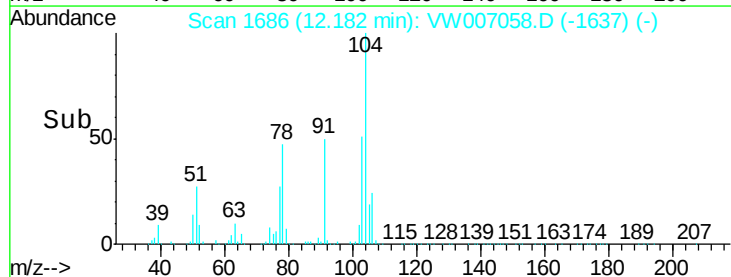
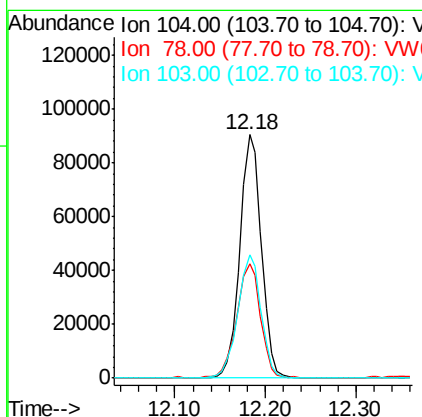
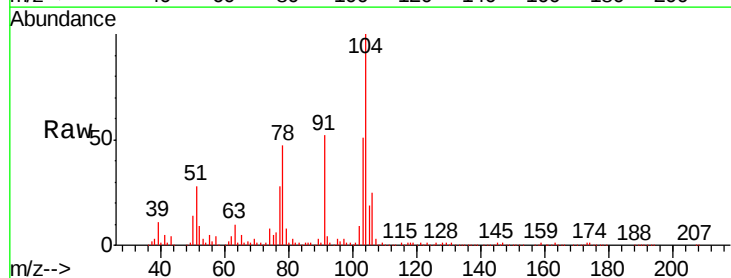
Manual Integrations
APPROVED

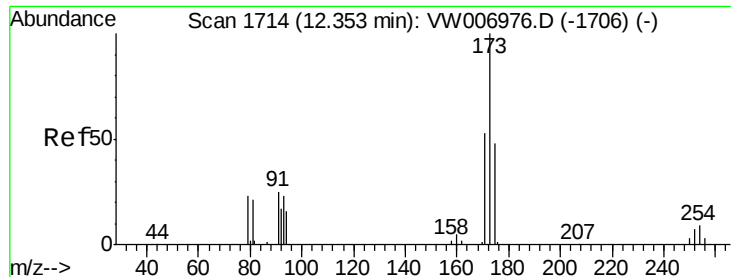
apatel
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#70
Styrene
Concen: 52.70 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007058.D
Acq: 26 Nov 2018 19:48

Tgt Ion:104 Resp: 148571
Ion Ratio Lower Upper
104 100
78 51.5 41.8 62.8
103 54.5 44.4 66.6





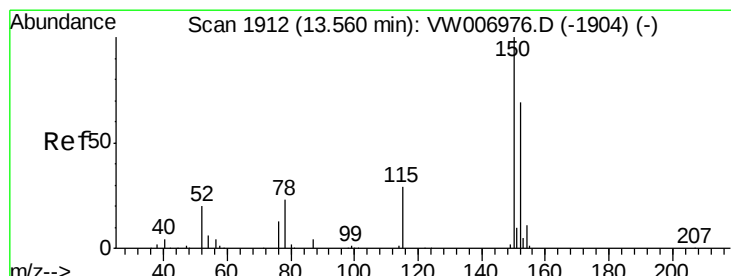
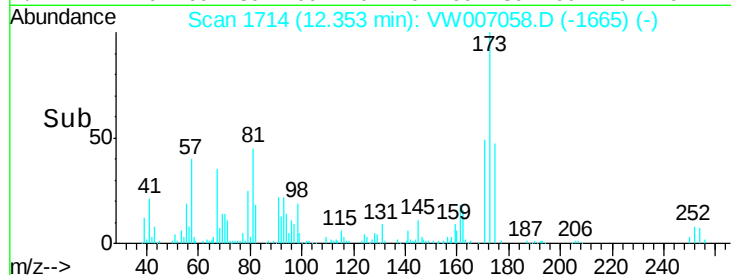
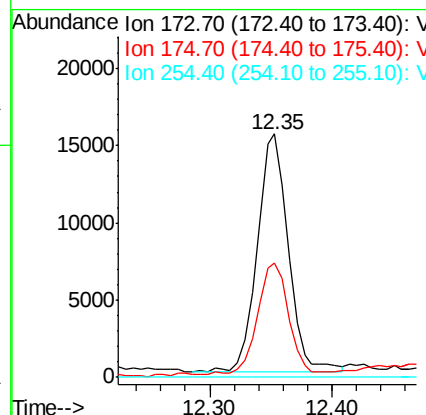
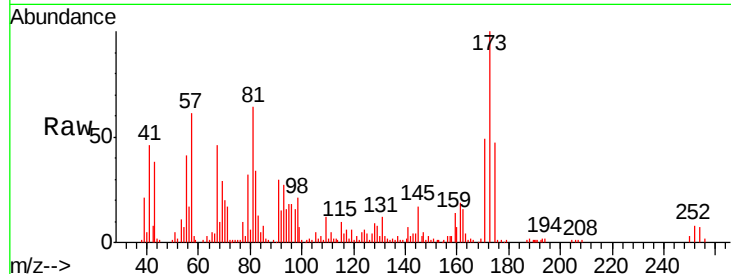
#71
Bromoform
Concen: 73.29 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW007058.D
Acq: 26 Nov 2018 19:48

Instrument :
MSVOA_W
ClientSampleId :
NON-UST-03R-AMSD

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.2	24.0	72.0
254	0.0	0.0	0.0

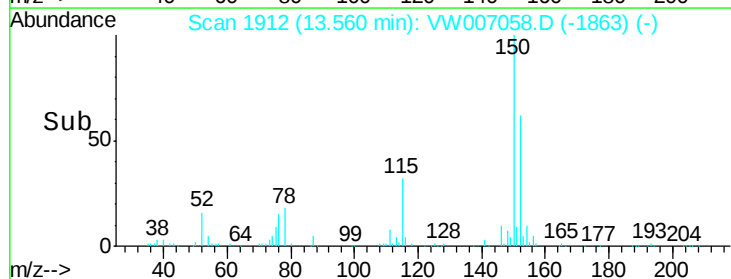
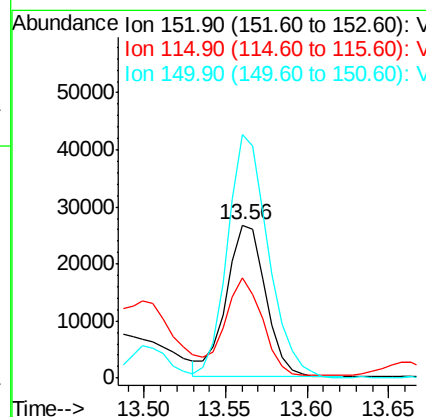
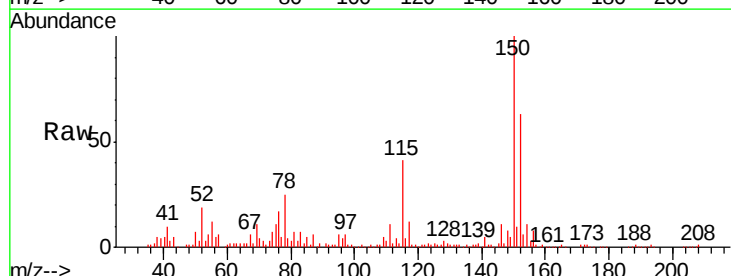
Manual Integrations
APPROVED

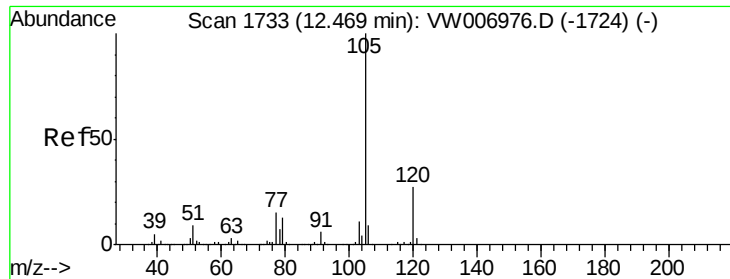
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007058.D
Acq: 26 Nov 2018 19:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.6	31.4	94.2
150	163.8	0.0	353.4





#73

Isopropylbenzene

Concen: 71.46 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW007058.D

Acq: 26 Nov 2018 19:48

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMSD

Tgt Ion: 105 Resp: 251557

Ion Ratio Lower Upper

105 100

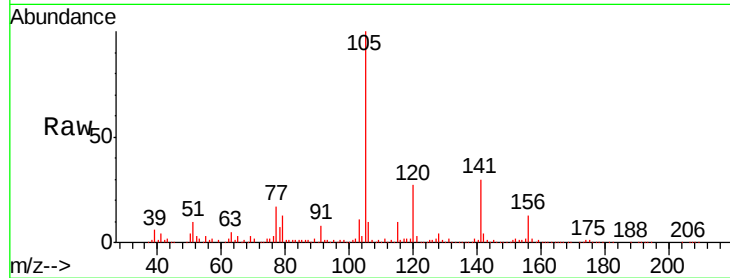
120 26.1 13.3 39.8

Manual Integrations

APPROVED

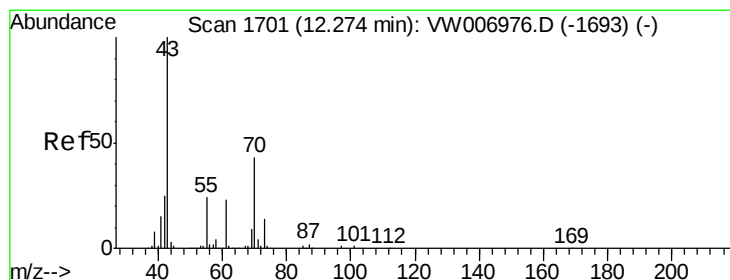
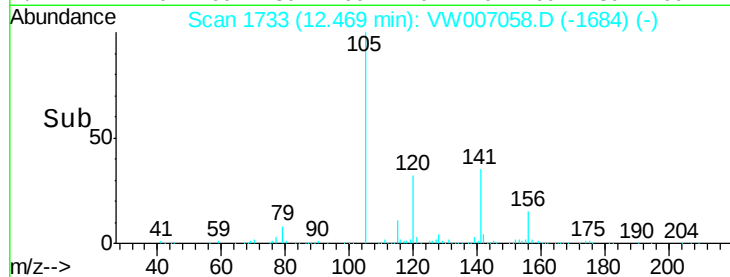
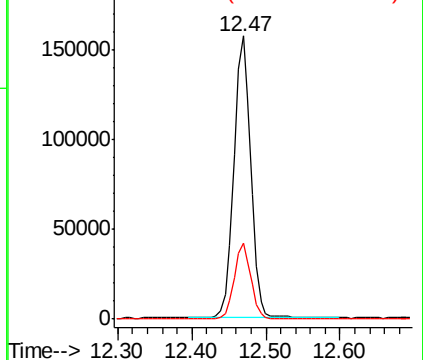
apatel

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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: 122.01 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW007058.D

Acq: 26 Nov 2018 19:48

Tgt Ion: 43 Resp: 71984

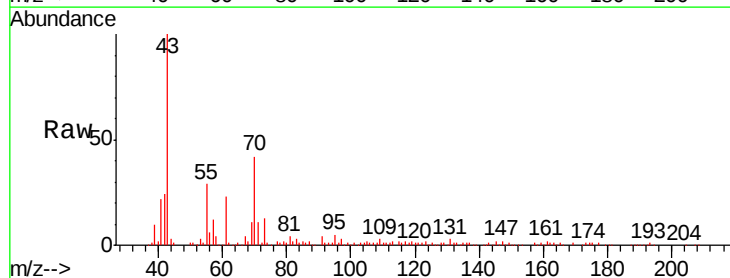
Ion Ratio Lower Upper

43 100

70 38.1 34.0 51.0

55 26.0 19.4 29.0

61 20.0 19.4 29.2

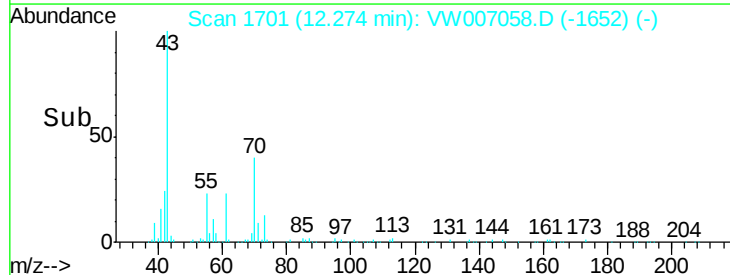
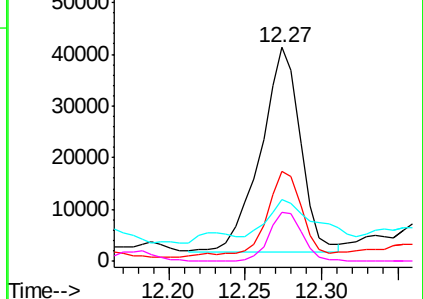


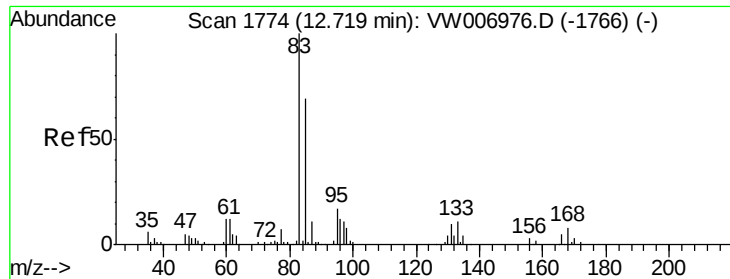
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





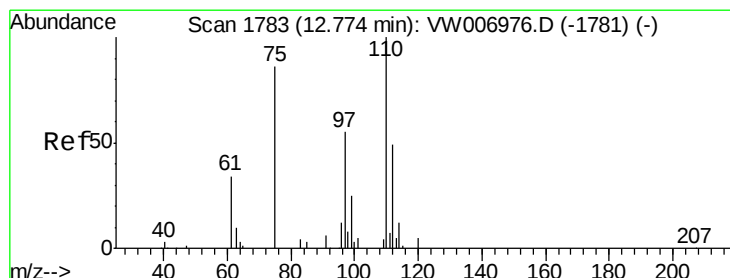
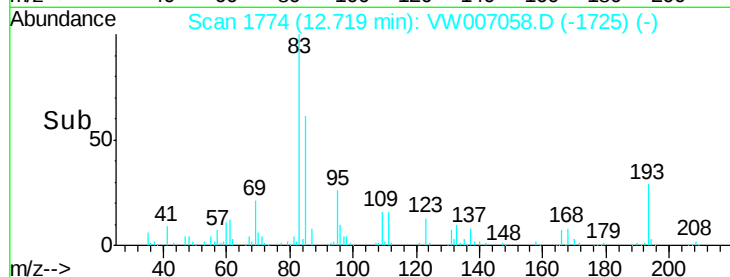
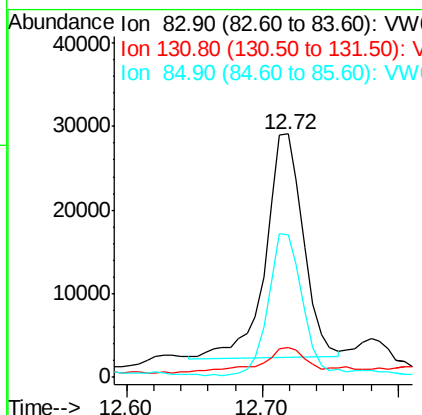
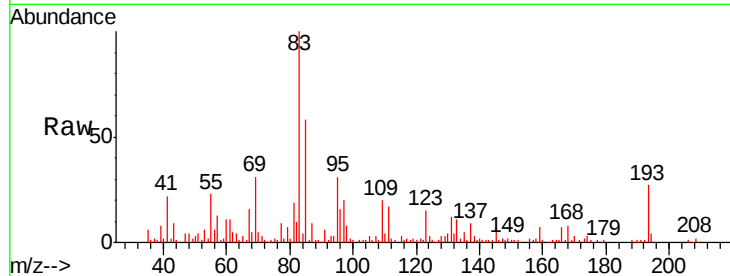
#75
 1,1,2,2-Tetrachloroethane
 Concen: 111.36 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: VW007058.D
 Acq: 26 Nov 2018 19:48

Instrument :
 MSVOA_W
 ClientSampleId :
 NON-UST-03R-AMSD

Tgt Ion	Ratio	Lower	Upper
83	100		
131	15.1	5.7	17.1
85	56.5	33.1	99.2

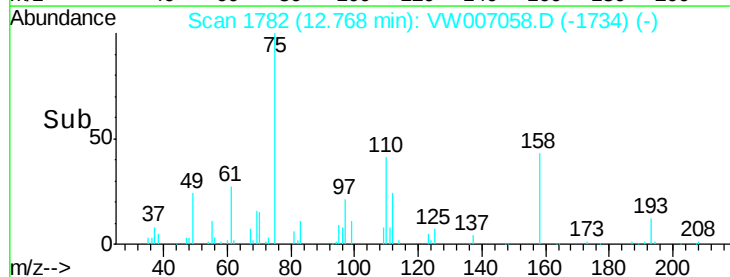
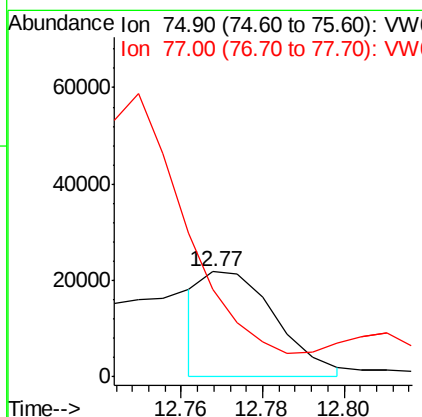
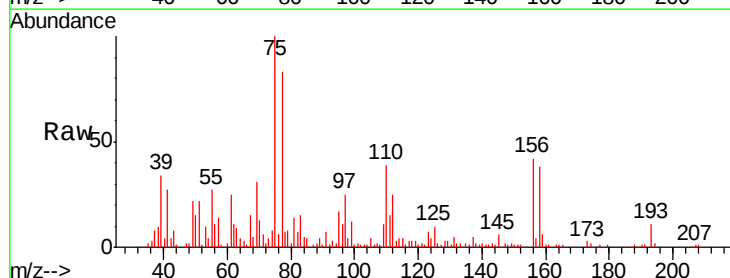
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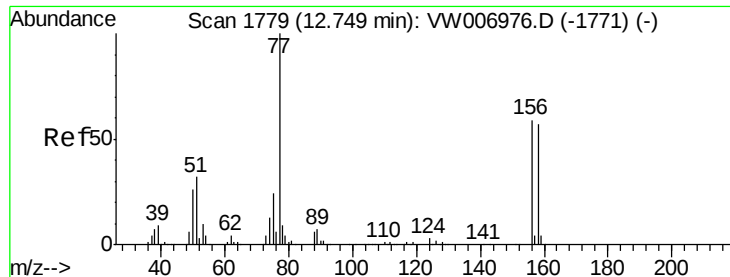
apatel
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#76
 1,2,3-Trichloropropane
 Concen: 76.97 ug/l m
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.01 min
 Lab File: VW007058.D
 Acq: 26 Nov 2018 19:48

Tgt Ion	Ratio	Lower	Upper
75	100		
77	380.3	0.0	0.0#





#77

Bromobenzene

Concen: 71.33 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW007058.D

Acq: 26 Nov 2018 19:48

Instrument :

MSVOA_W

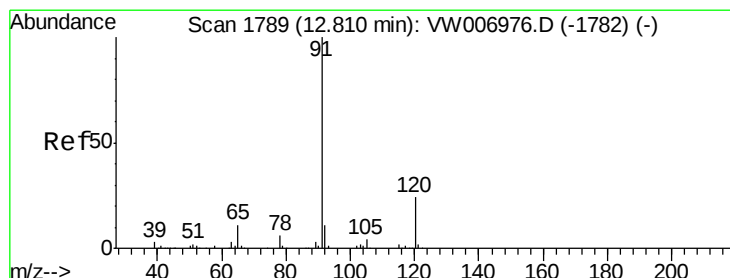
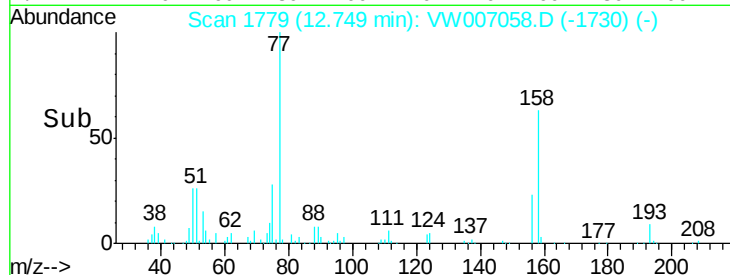
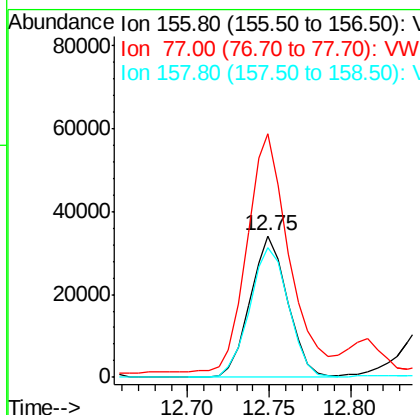
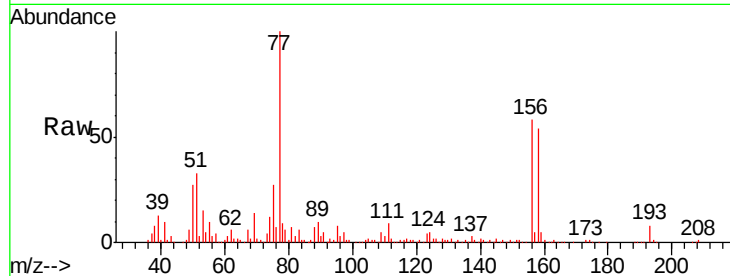
ClientSampleId :

NON-UST-03R-AMSD

Tgt Ion:	156	Resp:	53936
Ion Ratio	Lower	Upper	
156	100		
77	193.2	94.6	283.8
158	94.8	48.9	146.7

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#78

n-propylbenzene

Concen: 72.92 ug/l

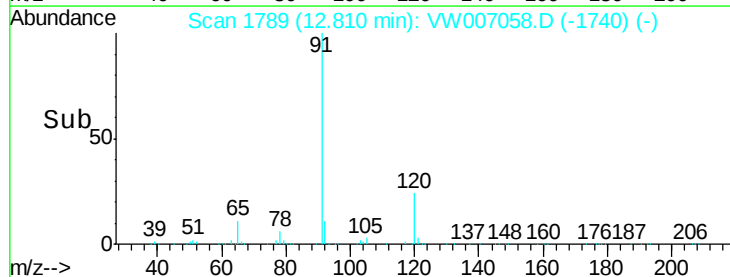
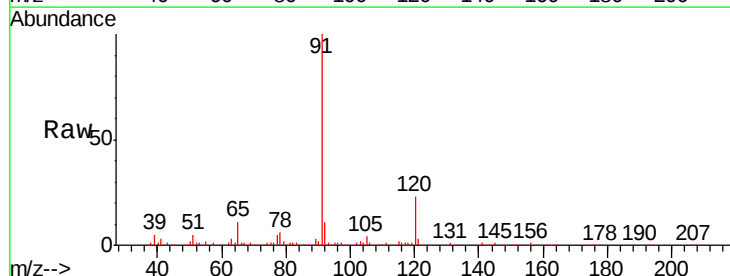
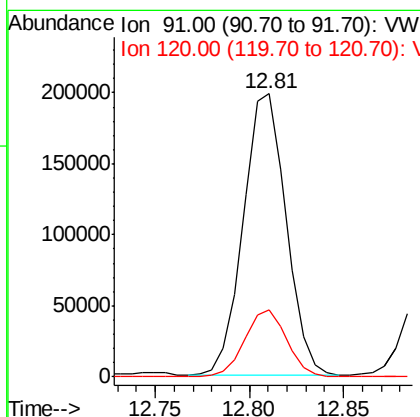
RT: 12.81 min Scan# 1789

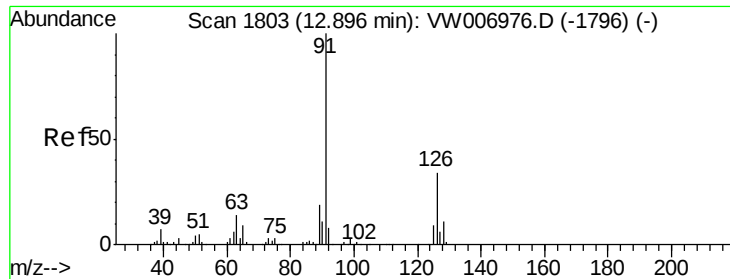
Delta R.T. 0.00 min

Lab File: VW007058.D

Acq: 26 Nov 2018 19:48

Tgt Ion:	91	Resp:	310957
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.7	35.1





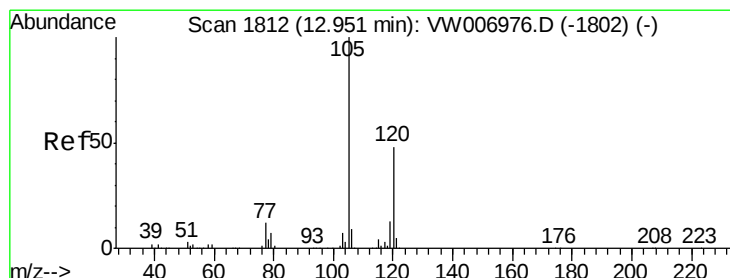
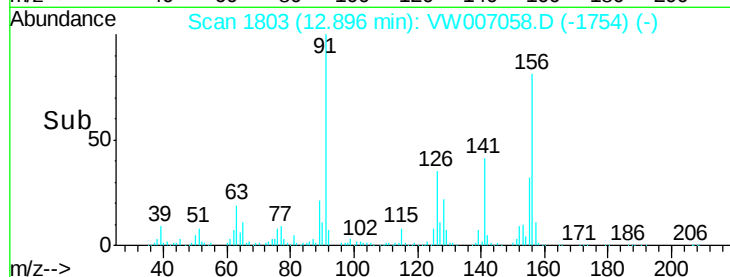
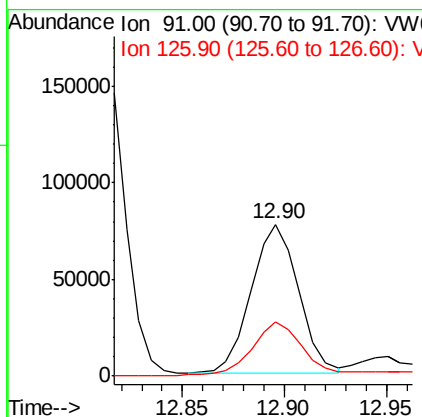
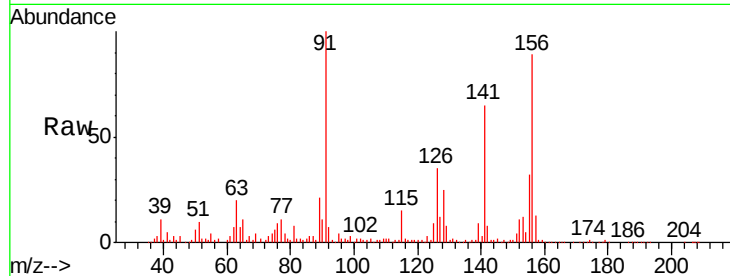
#79
 2-Chlorotoluene
 Concen: 50.76 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW007058.D
 Acq: 26 Nov 2018 19:48

Instrument :
 MSVOA_W
 ClientSampleId :
 NON-UST-03R-AMSD

Tgt Ion: 91 Resp: 124799
 Ion Ratio Lower Upper
 91 100
 126 42.0 16.7 50.0

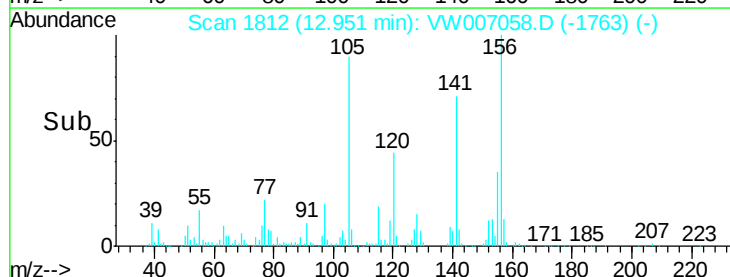
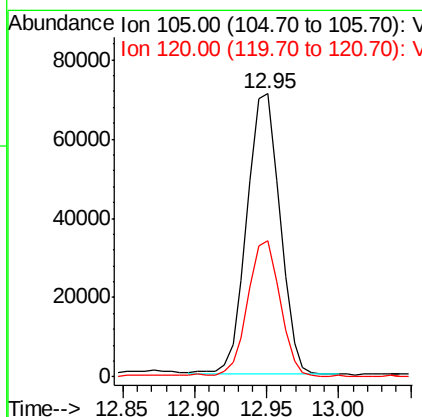
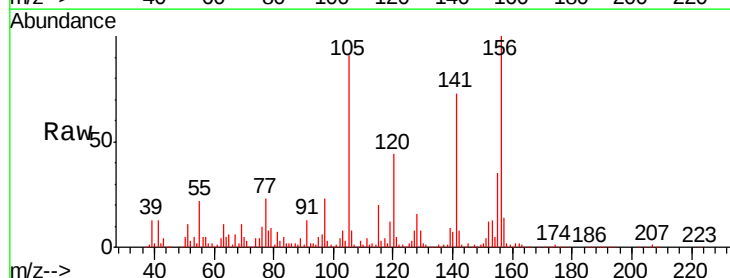
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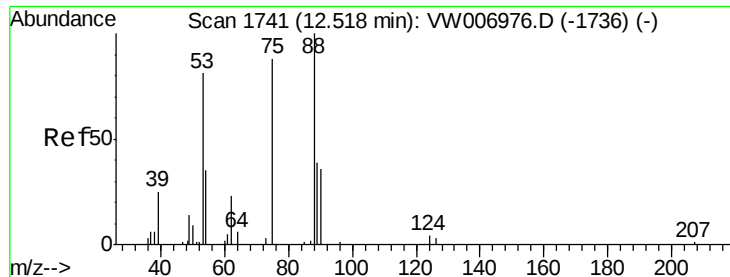
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#80
 1,3,5-Trimethylbenzene
 Concen: 36.96 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW007058.D
 Acq: 26 Nov 2018 19:48

Tgt Ion: 105 Resp: 112515
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.8 71.2





#81

trans-1,4-Dichloro-2-butene

Concen: 116.20 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.01 min

Lab File: VW007058.D

Acq: 26 Nov 2018 19:48

Instrument :

MSVOA_W

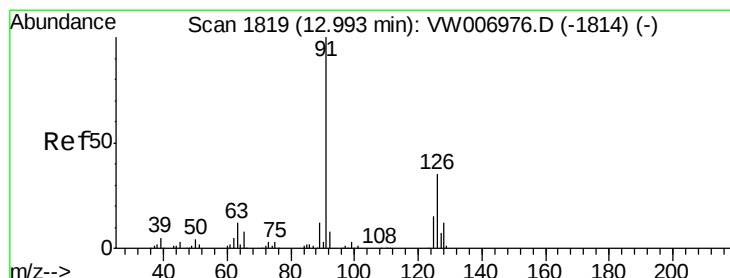
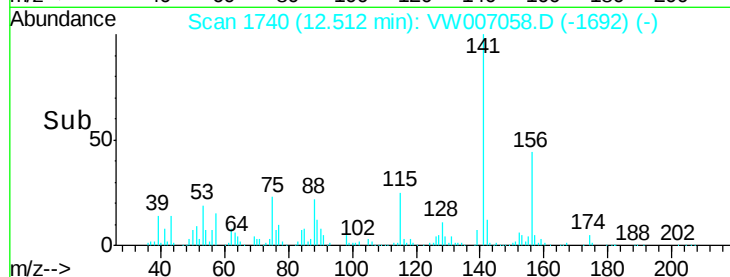
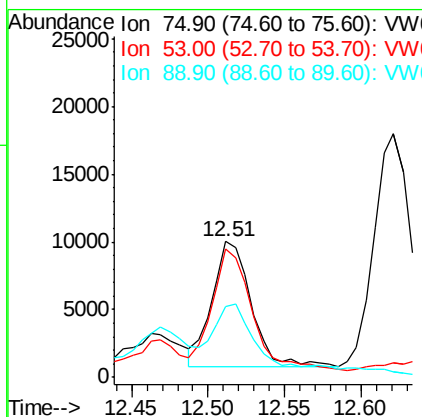
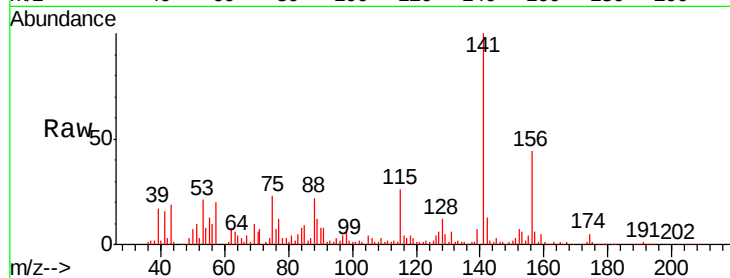
ClientSampleId :

NON-UST-03R-AMSD

Tgt Ion:	75	Resp:	16474
Ion Ratio	Lower	Upper	
75	100		
53	99.1	77.6	116.4
89	75.1	39.3	58.9#

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#82

4-Chlorotoluene

Concen: 52.18 ug/l

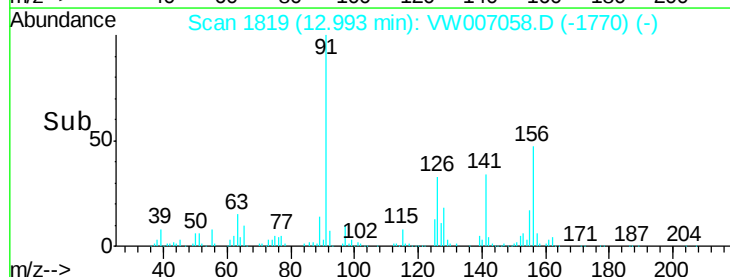
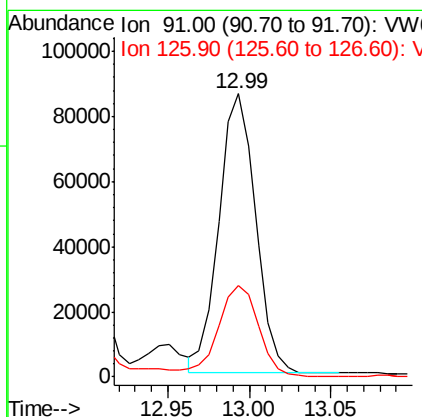
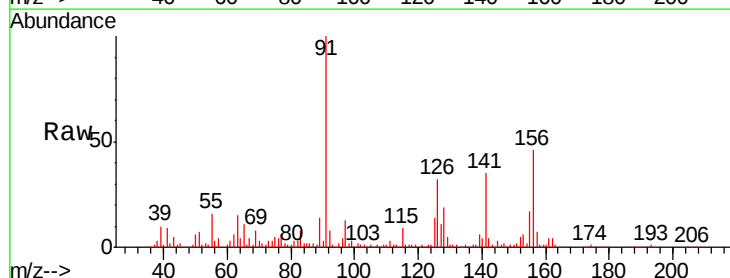
RT: 12.99 min Scan# 1819

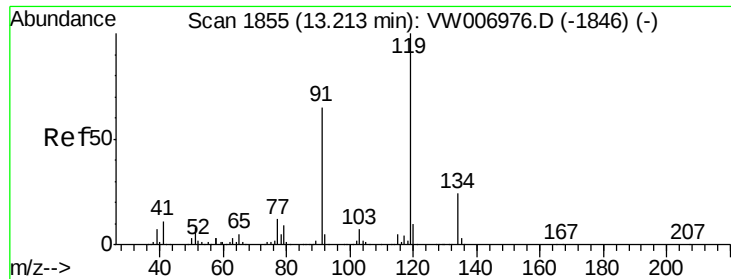
Delta R.T. 0.00 min

Lab File: VW007058.D

Acq: 26 Nov 2018 19:48

Tgt Ion:	91	Resp:	134629
Ion Ratio	Lower	Upper	
91	100		
126	36.0	16.6	49.7





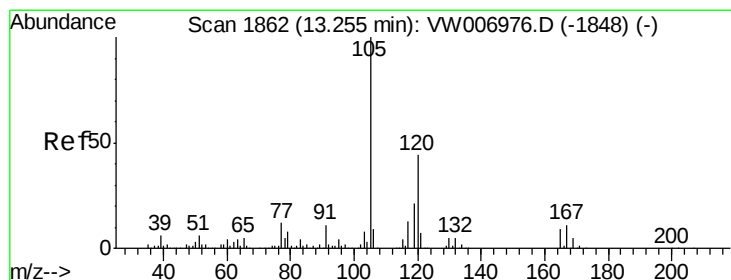
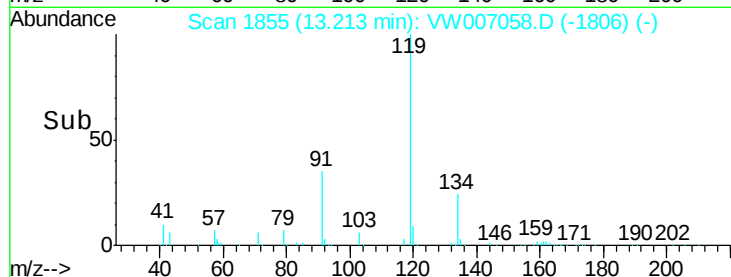
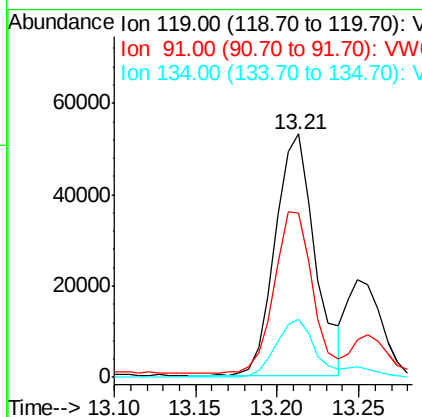
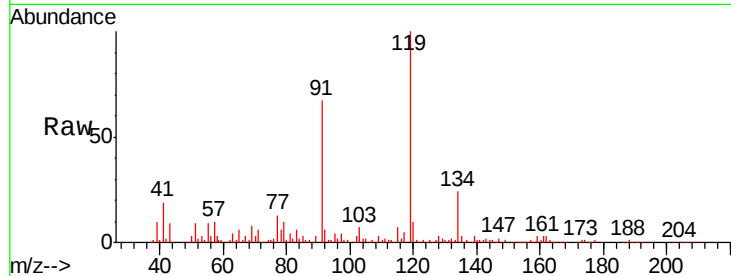
#83
 tert-Butylbenzene
 Concen: 34.04 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW007058.D
 Acq: 26 Nov 2018 19:48

Instrument :
 MSVOA_W
 ClientSampleId :
 NON-UST-03R-AMSD

Tgt Ion:119 Resp: 89707
 Ion Ratio Lower Upper
 119 100
 91 63.3 33.5 100.5
 134 22.6 12.6 37.8

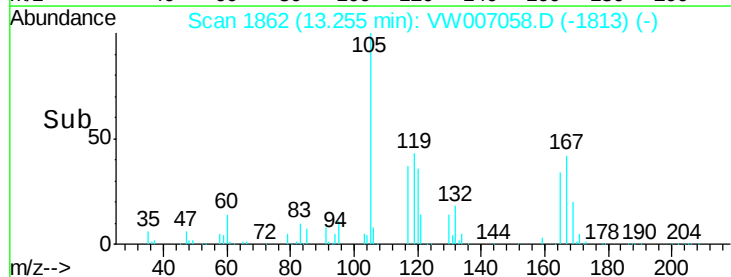
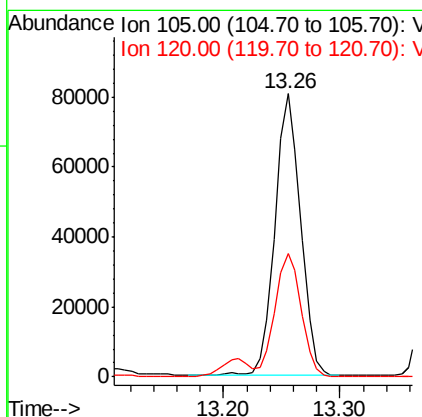
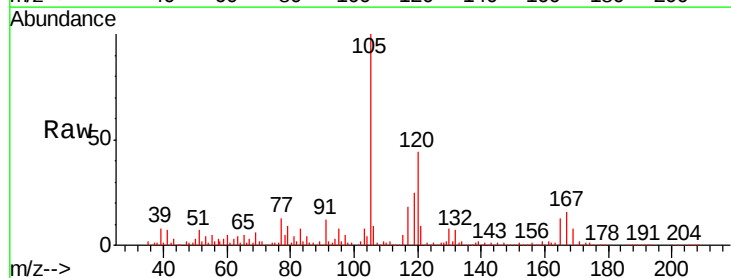
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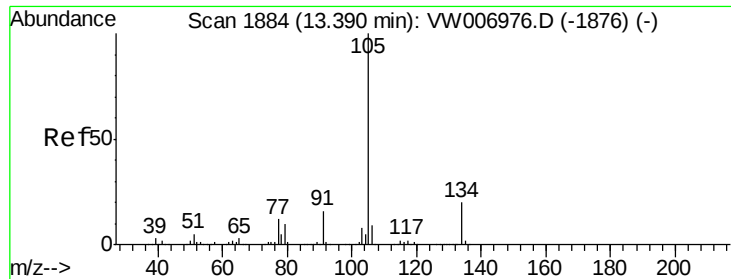
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#84
 1,2,4-Trimethylbenzene
 Concen: 40.51 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW007058.D
 Acq: 26 Nov 2018 19:48

Tgt Ion:105 Resp: 122854
 Ion Ratio Lower Upper
 105 100
 120 44.7 21.8 65.3





#85

sec-Butylbenzene

Concen: 61.80 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW007058.D

Acq: 26 Nov 2018 19:48

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMSD

Tgt Ion:105 Resp: 230107

Ion Ratio Lower Upper

105 100

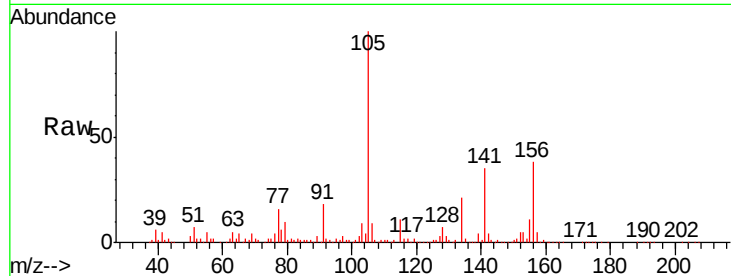
134 23.6 9.8 29.3

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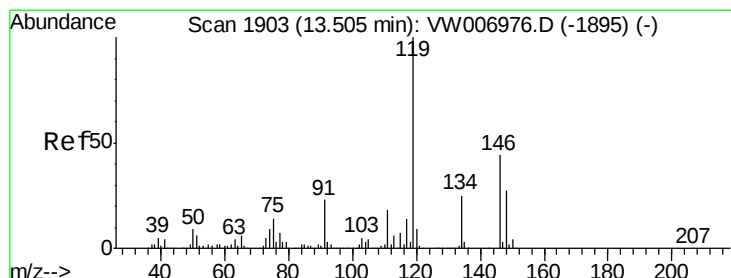
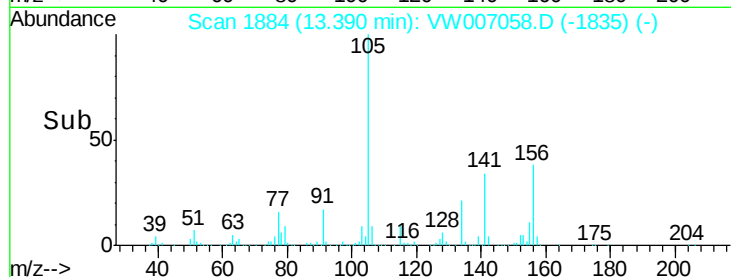
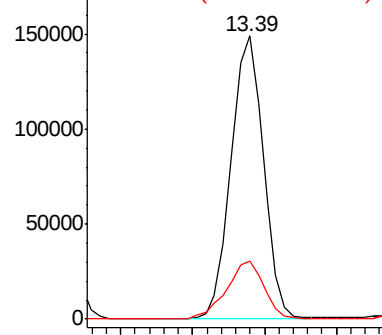
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.64 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW007058.D

Acq: 26 Nov 2018 19:48

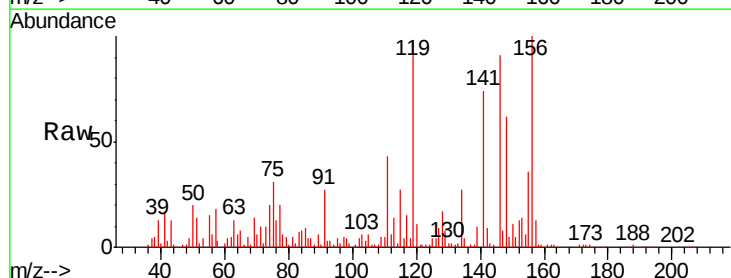
Tgt Ion:119 Resp: 74361

Ion Ratio Lower Upper

119 100

134 26.4 12.8 38.3

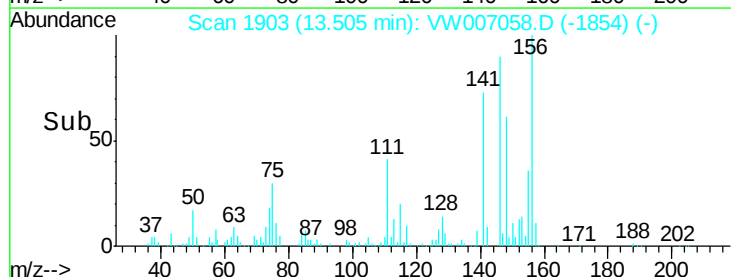
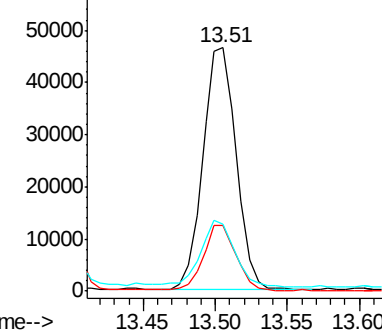
91 29.1 12.2 36.6

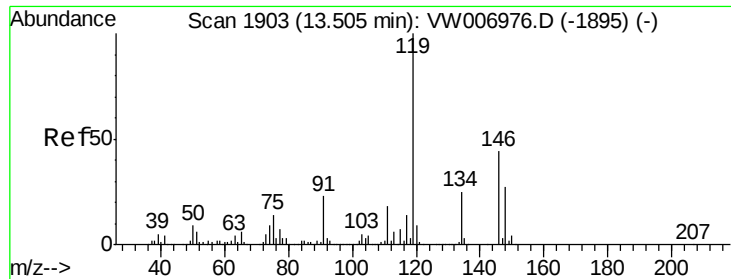


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 47.75 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW007058.D

Acq: 26 Nov 2018 19:48

Instrument :

MSVOA_W

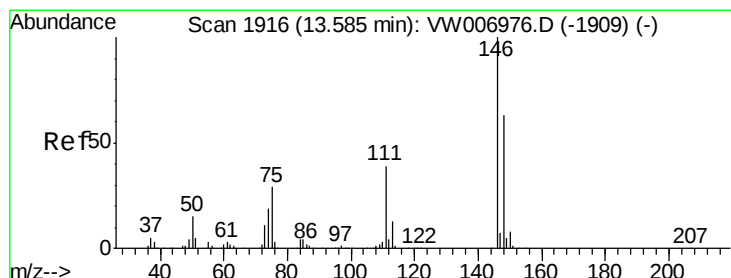
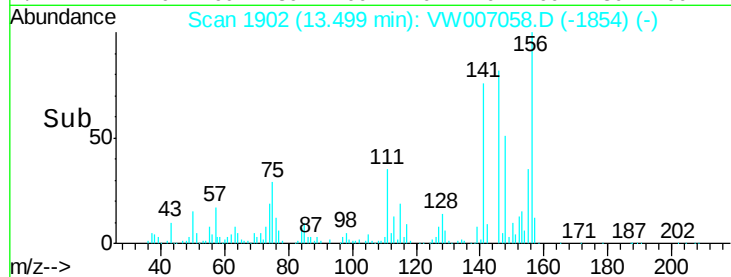
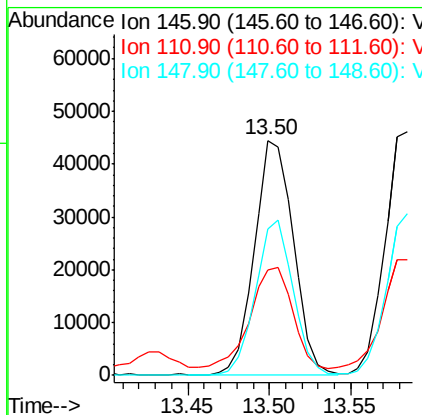
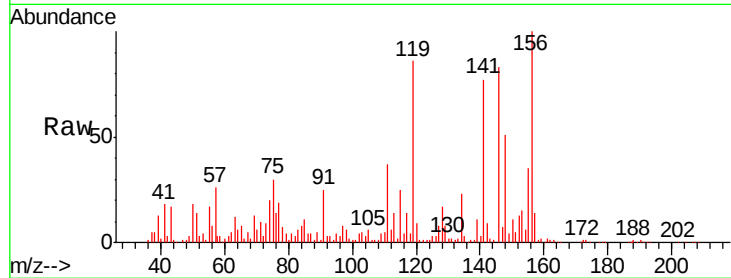
ClientSampleId :

NON-UST-03R-AMSD

Tgt Ion:	146	Resp:	73704
Ion Ratio	Lower	Upper	
146	100		
111	46.1	21.1	63.3
148	63.9	31.6	94.8

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#88

1,4-Dichlorobenzene

Concen: 49.23 ug/l

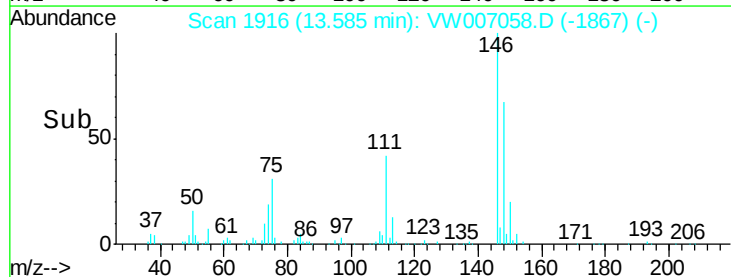
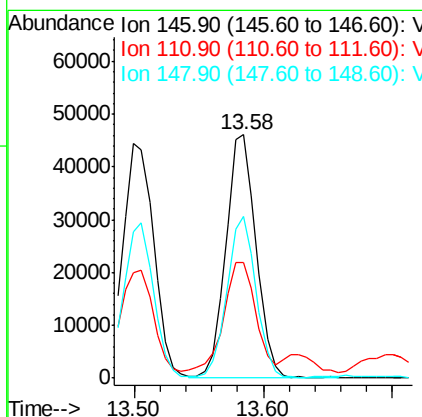
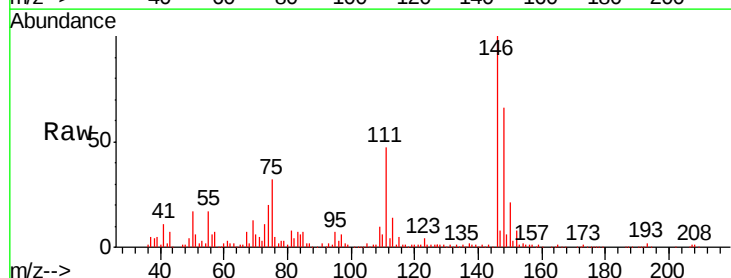
RT: 13.58 min Scan# 1916

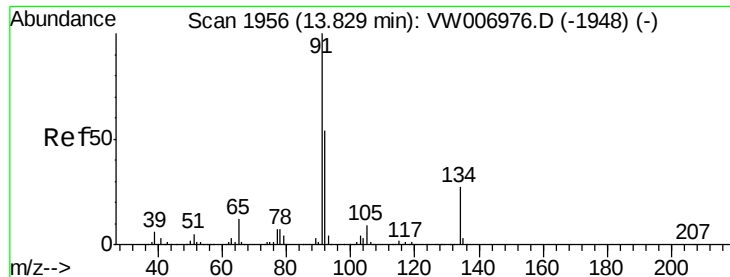
Delta R.T. 0.00 min

Lab File: VW007058.D

Acq: 26 Nov 2018 19:48

Tgt Ion:	146	Resp:	75763
Ion Ratio	Lower	Upper	
146	100		
111	46.1	20.6	61.8
148	63.8	32.3	96.8





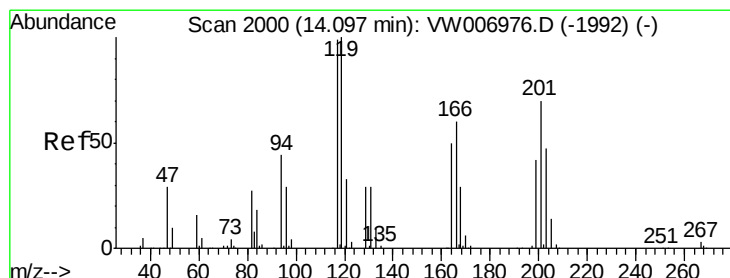
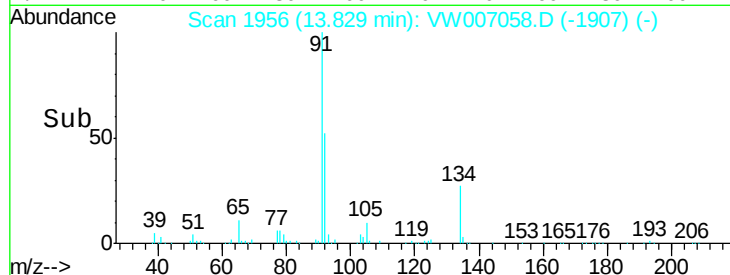
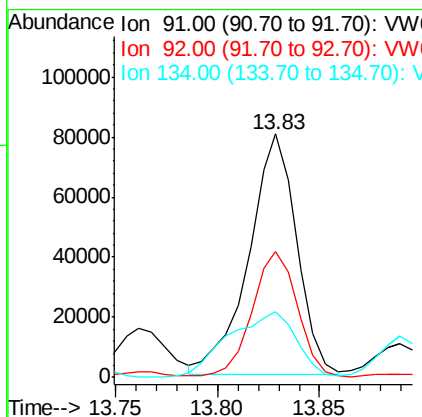
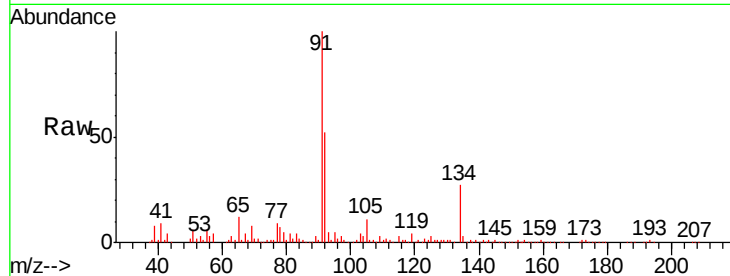
#89
n-Butylbenzene
Concen: 42.10 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW007058.D
Acq: 26 Nov 2018 19:48

Instrument :
MSVOA_W
ClientSampleId :
NON-UST-03R-AMSD

Tgt Ion	Ratio	Lower	Upper
91	100		
92	49.2	26.8	80.4
134	38.6	13.3	39.8

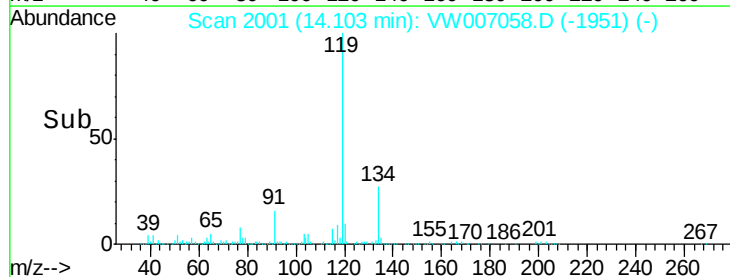
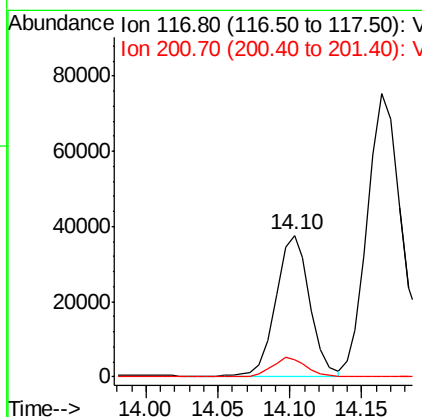
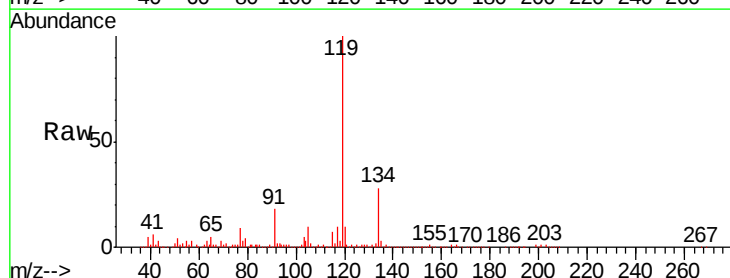
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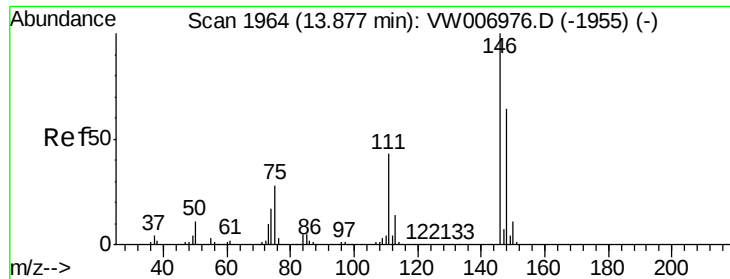
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#90
Hexachloroethane
Concen: 127.60 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW007058.D
Acq: 26 Nov 2018 19:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	14.1	35.9	107.5#





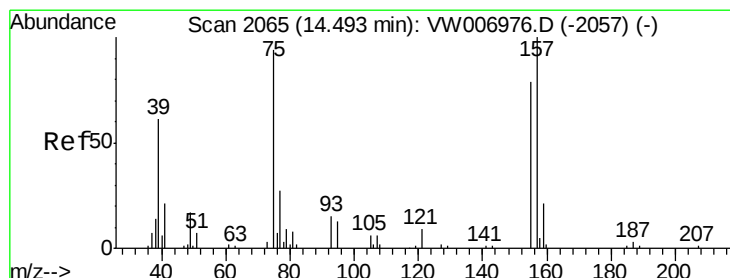
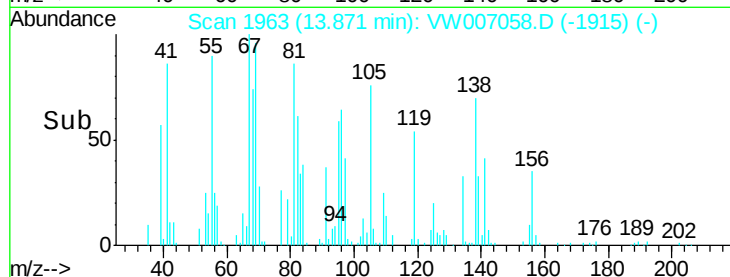
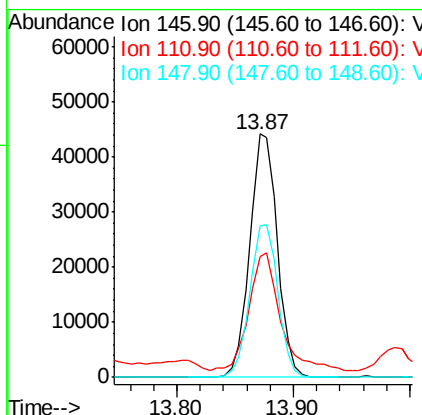
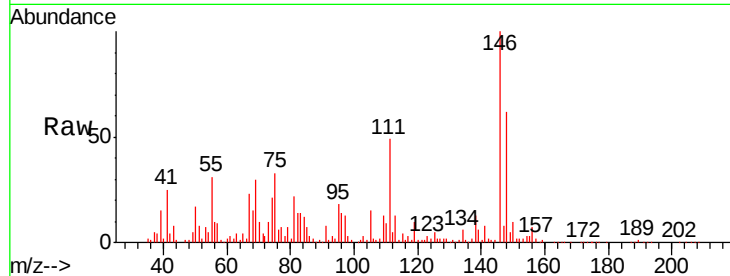
#91
 1,2-Dichlorobenzene
 Concen: 54.17 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: VW007058.D
 Acq: 26 Nov 2018 19:48

Instrument :
 MSVOA_W
 ClientSampleId :
 NON-UST-03R-AMSD

Tgt Ion	Ratio	Lower	Upper
146	100		
111	55.2	21.9	65.7
148	63.9	32.2	96.6

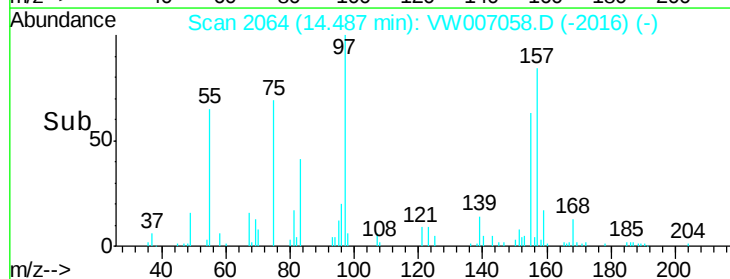
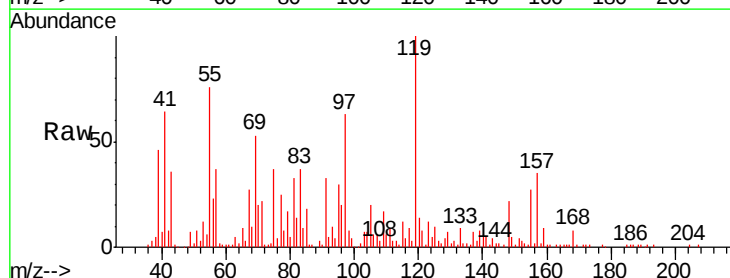
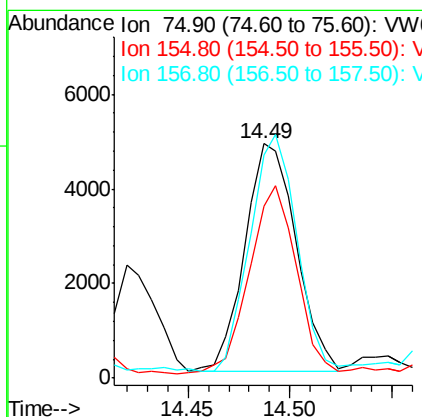
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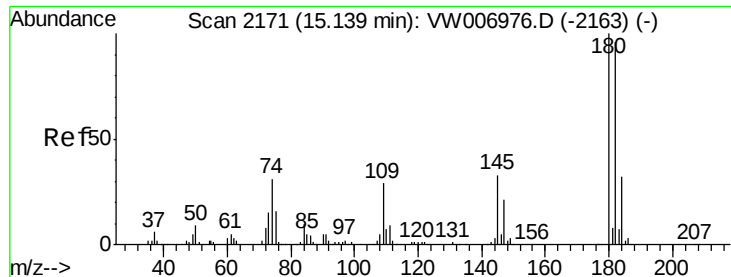
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 106.17 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW007058.D
 Acq: 26 Nov 2018 19:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.3	42.6	127.8
157	95.2	55.0	165.0





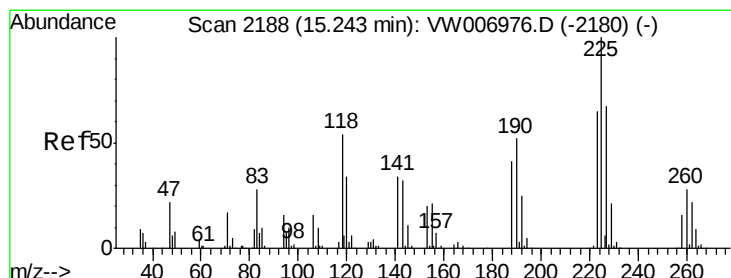
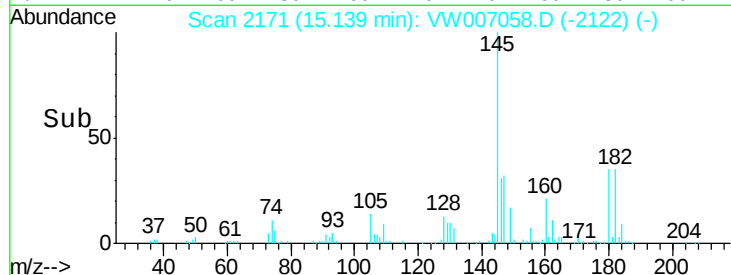
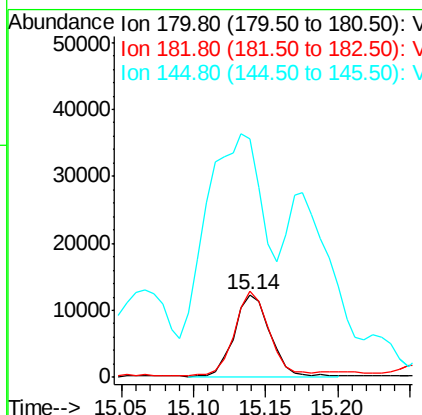
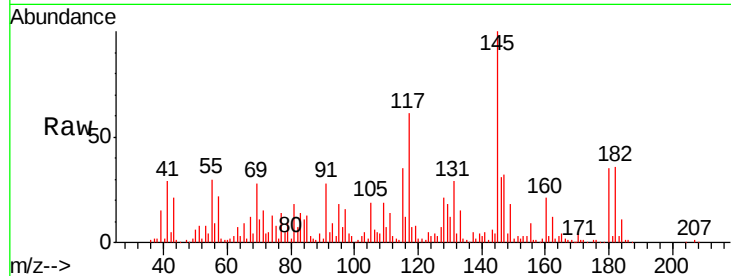
#93
 1,2,4-Trichlorobenzene
 Concen: 23.52 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW007058.D
 Acq: 26 Nov 2018 19:48

Instrument :
 MSVOA_W
 ClientSampleId :
 NON-UST-03R-AMSD

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.7	47.1	141.3
145	424.0	16.5	49.5#

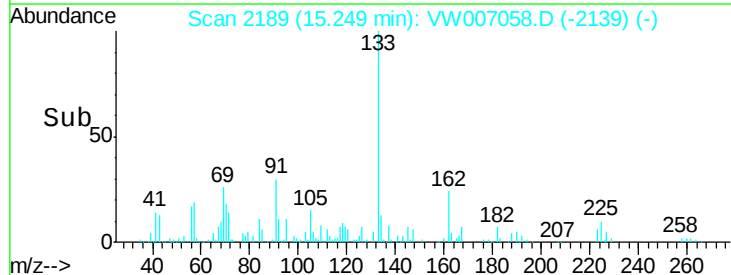
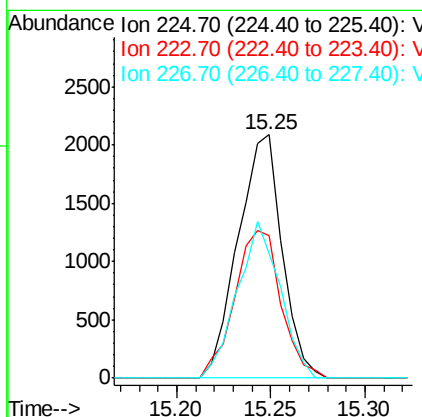
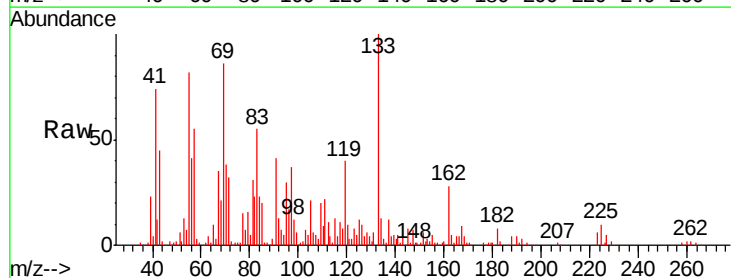
Manual Integrations
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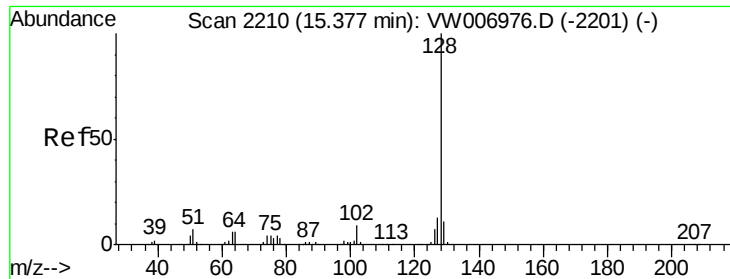
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#94
 Hexachlorobutadiene
 Concen: 6.95 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW007058.D
 Acq: 26 Nov 2018 19:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	32.4	97.0
227	62.4	31.9	95.5





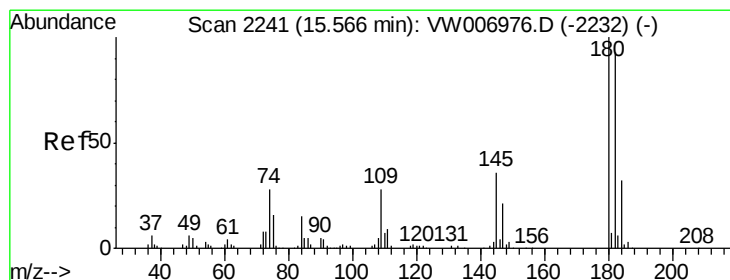
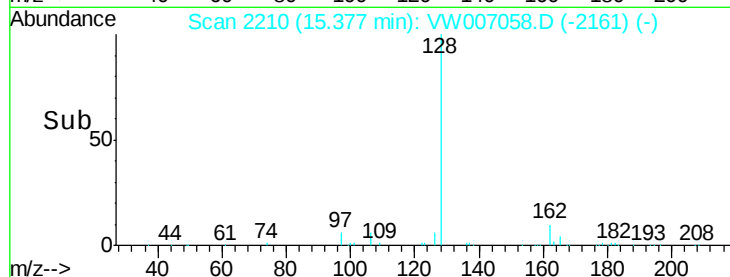
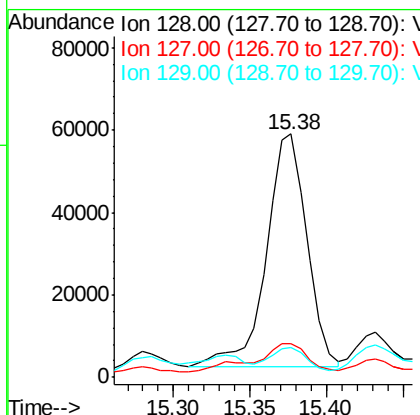
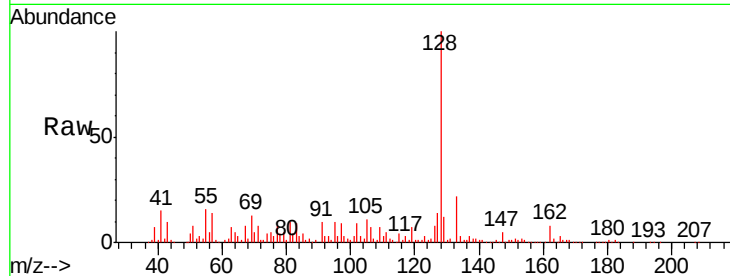
#95
Naphthalene
Concen: 63.99 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW007058.D
Acq: 26 Nov 2018 19:48

Instrument :
MSVOA_W
ClientSampleId :
NON-UST-03R-AMSD

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.1	10.5	15.7
129	8.3	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 30.83 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW007058.D
Acq: 26 Nov 2018 19:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	87.5	47.0	141.2
145	333.0	18.0	54.0

