

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112718\
 Data File : VW007089.D
 Acq On : 27 Nov 2018 15:55
 Operator : VAY/AP
 Sample : J6003-05MSD
 Misc : 5.02G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations
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 11/28/2018 11:55:04 AM

Quant Time: Nov 28 01:04:20 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	75855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	131785	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	107113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	37937	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	48041	64.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.38%	
35) Dibromofluoromethane	7.89	113	42803	57.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.02%	
50) Toluene-d8	10.32	98	163365	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
62) 4-Bromofluorobenzene	12.62	95	59324	45.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	42159	56.29	ug/l	98
3) Chloromethane	2.21	50	42189	67.59	ug/l	96
4) Vinyl Chloride	2.36	62	41408	67.43	ug/l	97
5) Bromomethane	2.78	94	23050	70.32	ug/l	94
6) Chloroethane	2.92	64	22341	66.00	ug/l	97
7) Trichlorofluoromethane	3.26	101	68915	57.07	ug/l	93
8) Diethyl Ether	3.69	74	24599	63.22	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	32017	40.90	ug/l	97
10) Methyl Iodide	4.28	142	58775	65.59	ug/l	99
11) Tert butyl alcohol	5.21	59	17661	365.31	ug/l	95
12) 1,1-Dichloroethene	4.04	96	40813	59.44	ug/l	96
13) Acrolein	3.91	56	15663	315.48	ug/l	98
14) Allyl chloride	4.68	41	69783	61.28	ug/l	98
15) Acrylonitrile	5.38	53	54959	375.81	ug/l	99
16) Acetone	4.14	43	42911	397.98	ug/l	92
17) Carbon Disulfide	4.39	76	129006	58.12	ug/l	100
18) Methyl Acetate	4.68	43	29362	76.47	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	128243	71.53	ug/l	99
20) Methylene Chloride	4.92	84	54434	64.97	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	47969	59.98	ug/l	98
22) Diisopropyl ether	6.32	45	144420	65.16	ug/l	97
23) Vinyl Acetate	6.26	43	425596	361.57	ug/l	99
24) 1,1-Dichloroethane	6.23	63	83799	62.15	ug/l	100
25) 2-Butanone	7.18	43	69234	374.91	ug/l	97
26) 2,2-Dichloropropane	7.17	77	73017	60.22	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	54160	63.59	ug/l	98
28) Bromochloromethane	7.52	49	32836	65.15	ug/l	99
29) Tetrahydrofuran	7.54	42	43800	366.22	ug/l	99
30) Chloroform	7.68	83	87245	60.90	ug/l	98
31) Cyclohexane	7.96	56	41549	29.05	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	74413	57.67	ug/l	99
36) 1,1-Dichloropropene	8.09	75	62490	48.52	ug/l	99
37) Ethyl Acetate	7.26	43	31352	67.18	ug/l	98
38) Carbon Tetrachloride	8.07	117	58898	47.76	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	33046	20.51	ug/l	94
40) Benzene	8.33	78	195982	56.38	ug/l	99
41) Methacrylonitrile	7.49	41	18565	64.06	ug/l	96
42) 1,2-Dichloroethane	8.40	62	60360	59.81	ug/l	100
43) Isopropyl Acetate	8.43	43	67853	76.30	ug/l	93
44) Trichloroethene	9.10	130	51389	52.73	ug/l	91
45) 1,2-Dichloropropane	9.37	63	48828	56.98	ug/l	99
46) Dibromomethane	9.46	93	26500	61.75	ug/l	99
47) Bromodichloromethane	9.65	83	66177	58.53	ug/l	96
48) Methyl methacrylate	9.44	41	31888	74.36	ug/l	97
49) 1,4-Dioxane	9.47	88	7452	1168.35	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	152675	339.72	ug/l	100
52) Toluene	10.39	92	119740	50.61	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	69187	63.17	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	79558	60.12	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	57429	90.96	ug/l	97
56) Ethyl methacrylate	10.65	69	64130	87.50	ug/l	90
57) 1,3-Dichloropropane	10.93	76	65192	61.61	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	110235	287.85	ug/l	100
59) 2-Hexanone	10.97	43	102059	331.62	ug/l	91
60) Dibromochloromethane	11.13	129	48602	67.56	ug/l	95
61) 1,2-Dibromoethane	11.24	107	36536	63.26	ug/l	93
64) Tetrachloroethene	10.87	164	28290	41.05	ug/l	93
65) Chlorobenzene	11.66	112	122036	54.59	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	40064	59.24	ug/l	97
67) Ethyl Benzene	11.73	91	176991	43.10	ug/l	98
68) m/p-Xylenes	11.84	106	136306	84.59	ug/l	99
69) o-Xylene	12.17	106	67074	44.15	ug/l	100
70) Styrene	12.18	104	124408	51.45	ug/l	99
71) Bromoform	12.35	173	23084	72.46	ug/l #	98
73) Isopropylbenzene	12.47	105	295972	100.38	ug/l	99
74) N-amyl acetate	12.26	43	131926	266.98	ug/l #	73
75) 1,1,2,2-Tetrachloroethane	12.72	83	51827	132.08	ug/l	89
76) 1,2,3-Trichloropropane	12.77	75	30194m	101.29	ug/l	
77) Bromobenzene	12.75	156	44027	69.52	ug/l	90
78) n-propylbenzene	12.81	91	413655	115.82	ug/l	100
79) 2-Chlorotoluene	12.90	91	98696	47.93	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	88361	34.66	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	12497	105.25	ug/l #	31
82) 4-Chlorotoluene	12.99	91	106646	49.35	ug/l	94
83) tert-Butylbenzene	13.21	119	81391	36.87	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	94642	37.26	ug/l	99
85) sec-Butylbenzene	13.39	105	362106	116.12	ug/l	88
86) p-Isopropyltoluene	13.51	119	62576	22.75	ug/l	96
87) 1,3-Dichlorobenzene	13.50	146	55799	43.16	ug/l #	74
88) 1,4-Dichlorobenzene	13.58	146	58386	45.30	ug/l #	74
89) n-Butylbenzene	13.83	91	196227	75.79	ug/l #	86
90) Hexachloroethane	14.10	117	91283	227.26	ug/l #	22
91) 1,2-Dichlorobenzene	13.87	146	54692	48.28	ug/l #	43
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7884	118.97	ug/l	82

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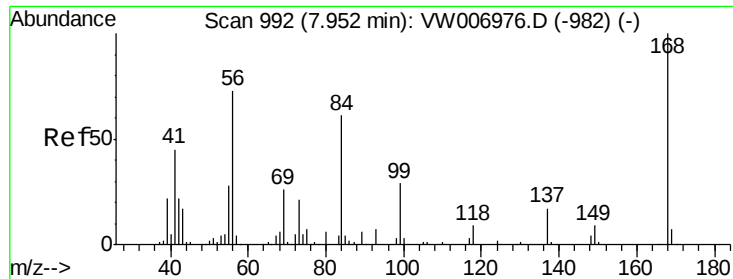
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	17431	23.33	ug/l #	1
94) Hexachlorobutadiene	15.24	225	4216	10.38	ug/l	98
95) Naphthalene	15.37	128	76877	56.70	ug/l #	77
96) 1,2,3-Trichlorobenzene	15.57	180	22591	36.45	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: VW007089.D

Acq: 27 Nov 2018 15:55

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMSD

Tgt Ion: 168 Resp: 75855

Ion Ratio Lower Upper

168 100

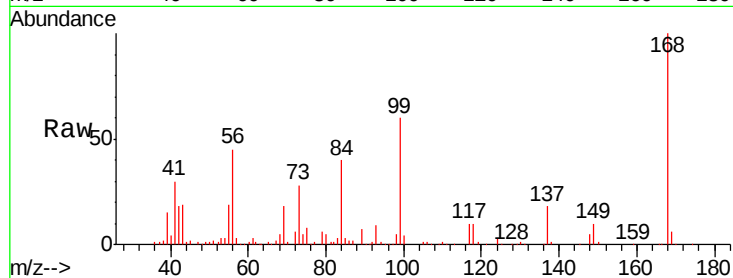
99 59.5 48.2 72.4

Manual Integrations

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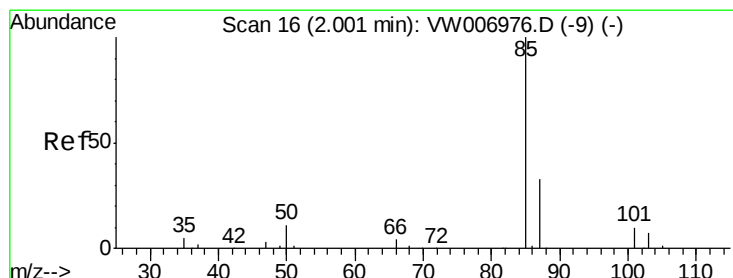
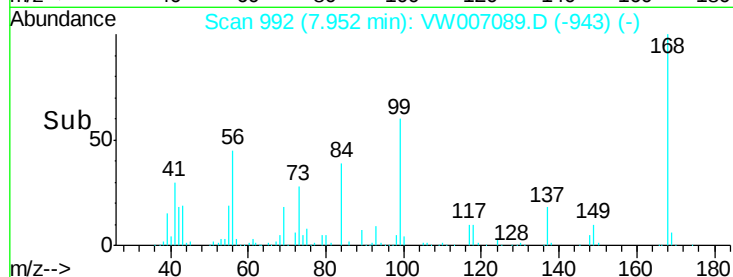
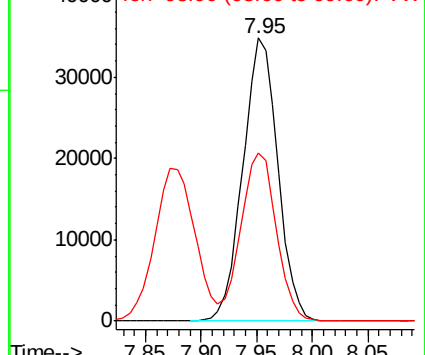
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 56.29 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW007089.D

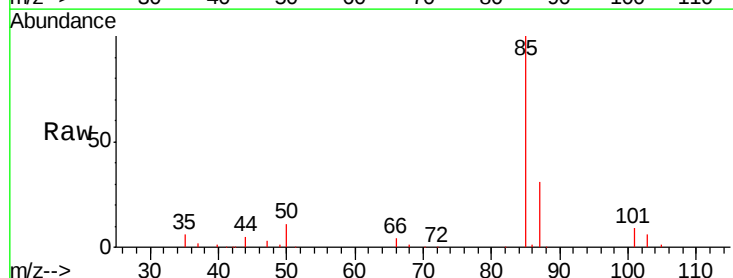
Acq: 27 Nov 2018 15:55

Tgt Ion: 85 Resp: 42159

Ion Ratio Lower Upper

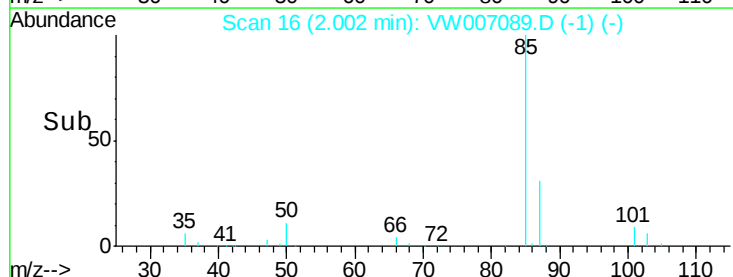
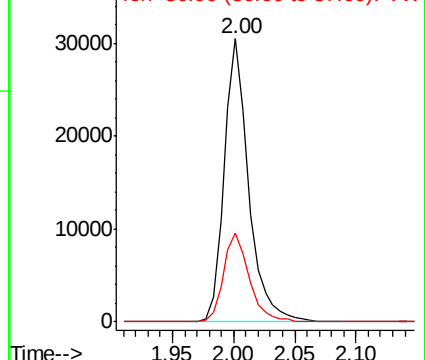
85 100

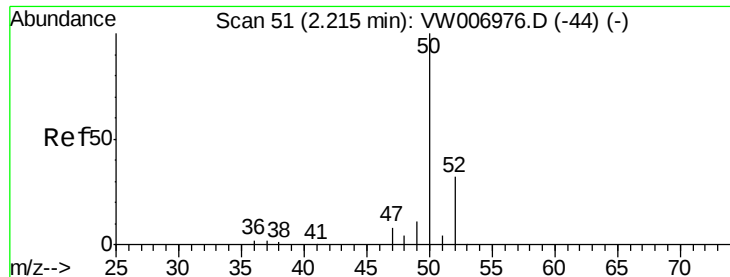
87 31.2 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 67.59 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW007089.D

Acq: 27 Nov 2018 15:55

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMSD

Tgt Ion: 50 Resp: 42189

Ion Ratio Lower Upper

50 100

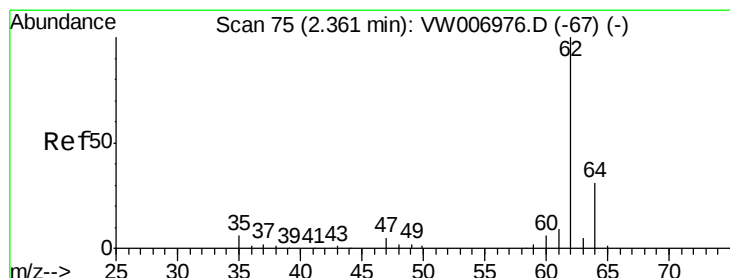
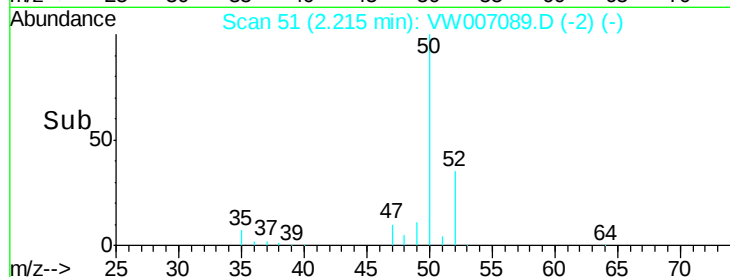
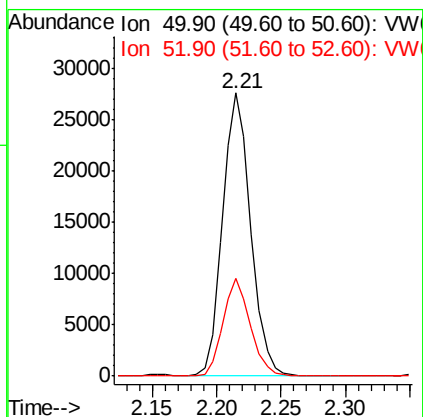
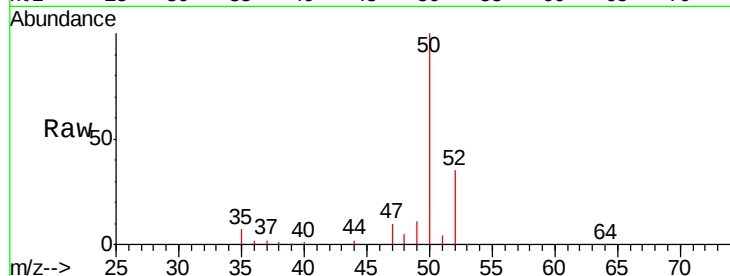
52 34.6 25.7 38.5

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#4

Vinyl Chloride

Concen: 67.43 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW007089.D

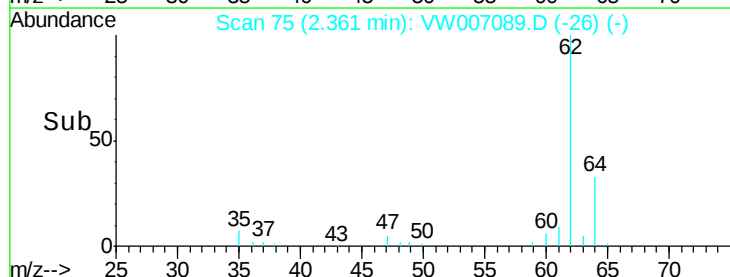
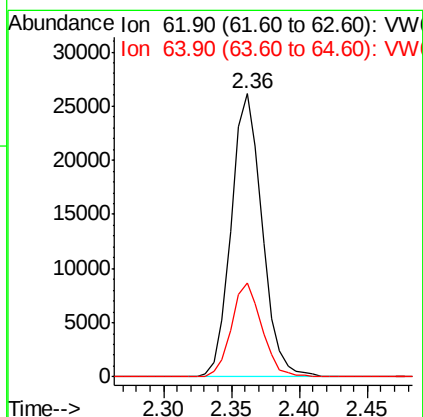
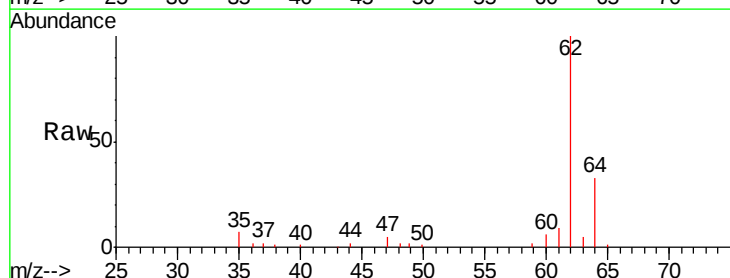
Acq: 27 Nov 2018 15:55

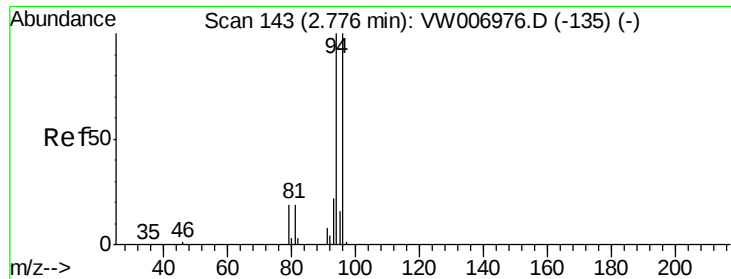
Tgt Ion: 62 Resp: 41408

Ion Ratio Lower Upper

62 100

64 33.0 25.2 37.8





#5

Bromomethane

Concen: 70.32 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW007089.D

Acq: 27 Nov 2018 15:55

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ClientSampleId :

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Tgt Ion: 94 Resp: 23050

Ion Ratio Lower Upper

94 100

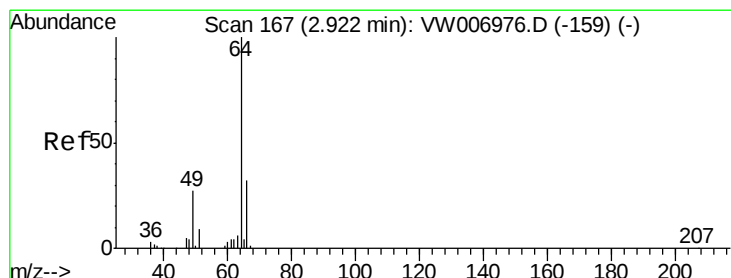
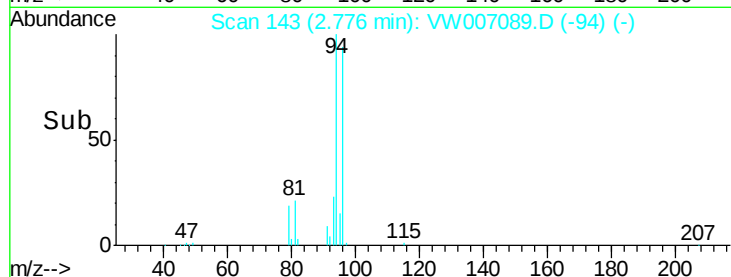
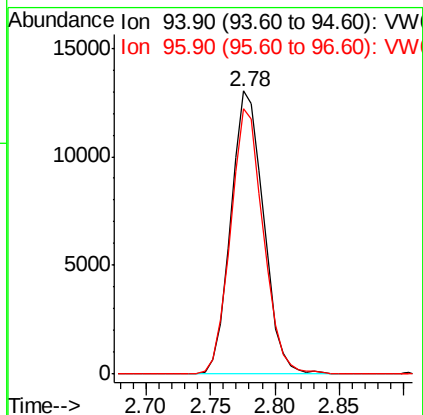
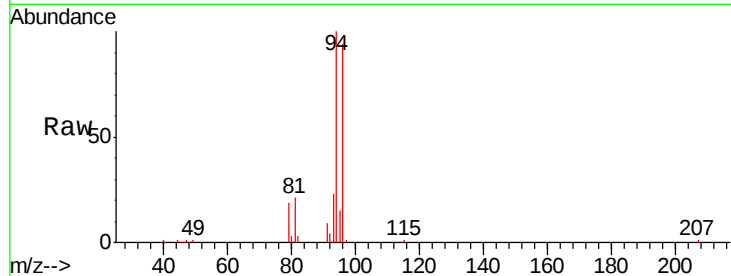
96 93.7 80.2 120.2

Manual Integrations

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#6

Chloroethane

Concen: 66.00 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW007089.D

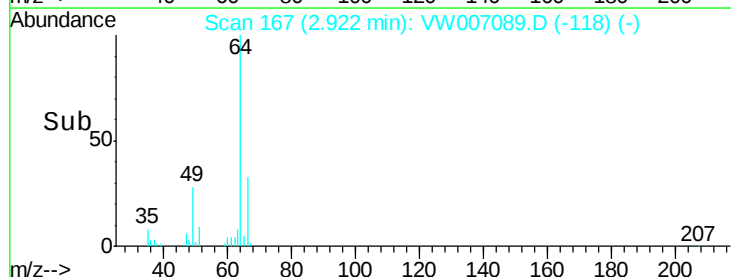
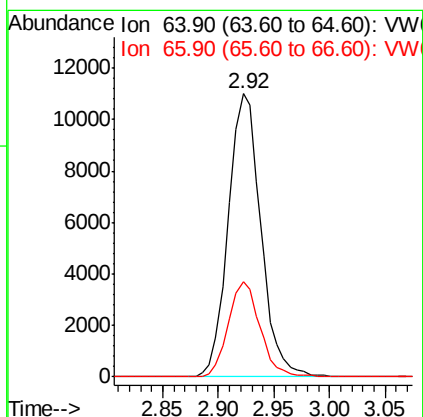
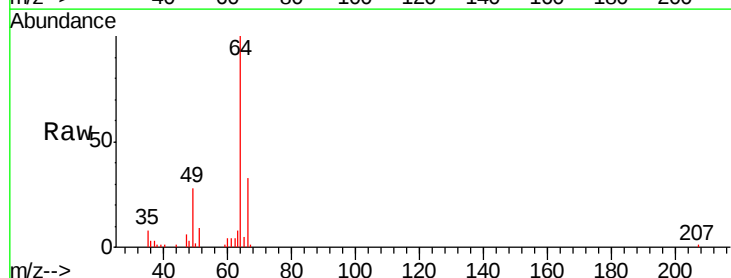
Acq: 27 Nov 2018 15:55

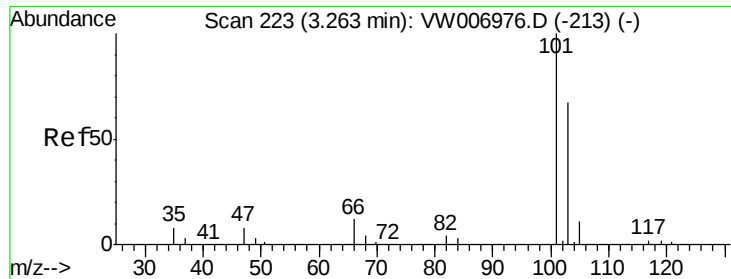
Tgt Ion: 64 Resp: 22341

Ion Ratio Lower Upper

64 100

66 33.5 25.3 37.9





#7

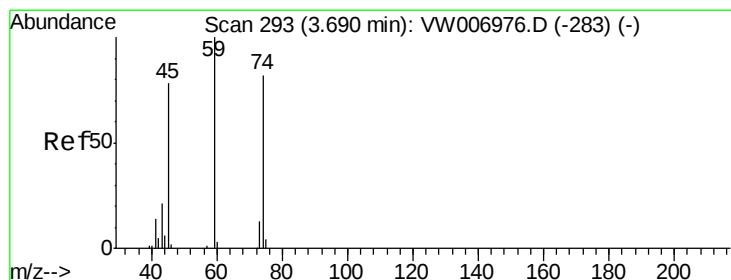
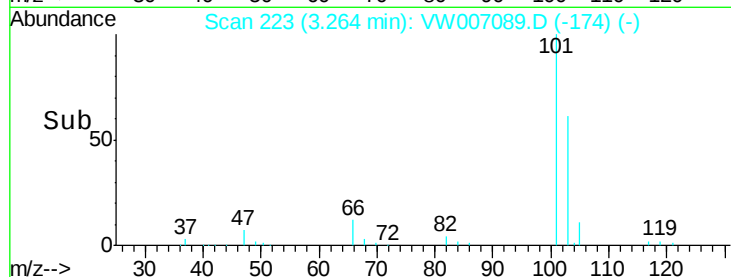
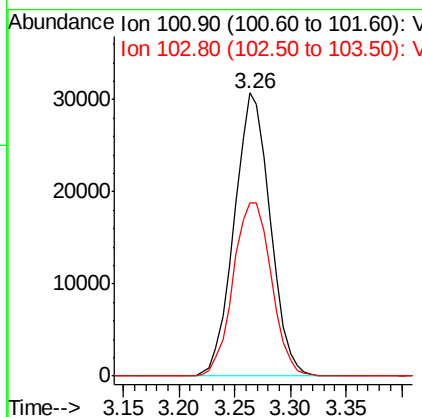
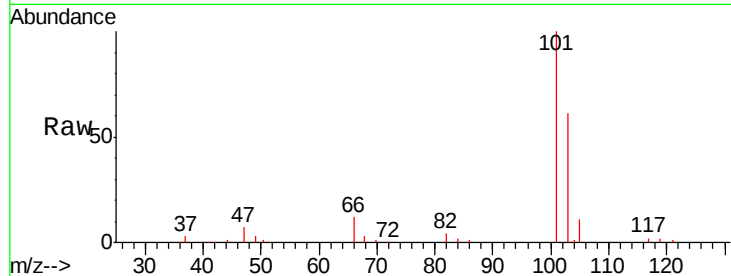
Trichlorofluoromethane
Concen: 57.07 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW007089.D
Acq: 27 Nov 2018 15:55

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NON-UST-03R-AMSD

Tgt Ion: 101 Resp: 68915
Ion Ratio Lower Upper
101 100
103 61.4 53.4 80.2

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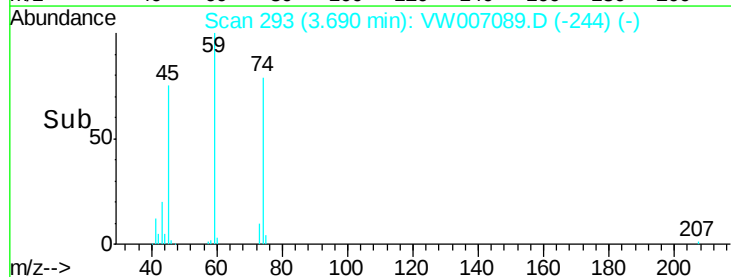
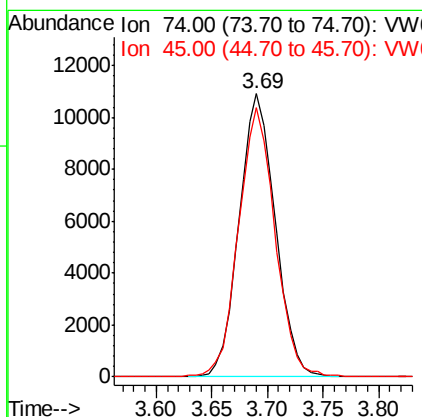
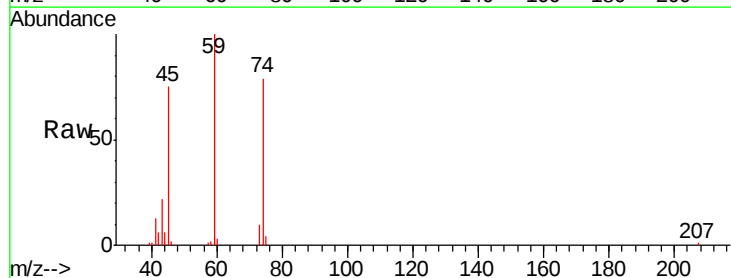
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#8

Diethyl Ether
Concen: 63.22 ug/l
RT: 3.69 min Scan# 293
Delta R.T. 0.00 min
Lab File: VW007089.D
Acq: 27 Nov 2018 15:55

Tgt Ion: 74 Resp: 24599
Ion Ratio Lower Upper
74 100
45 96.0 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 40.90 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW007089.D

Acq: 27 Nov 2018 15:55

Instrument :

MSVOA_W

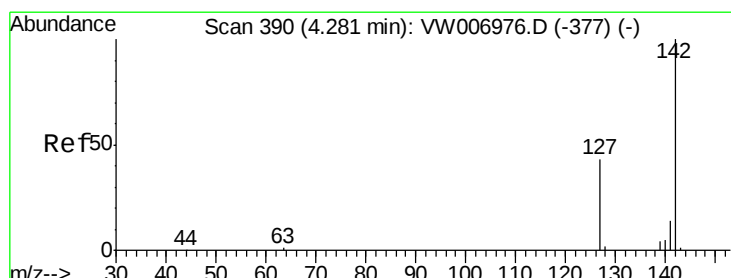
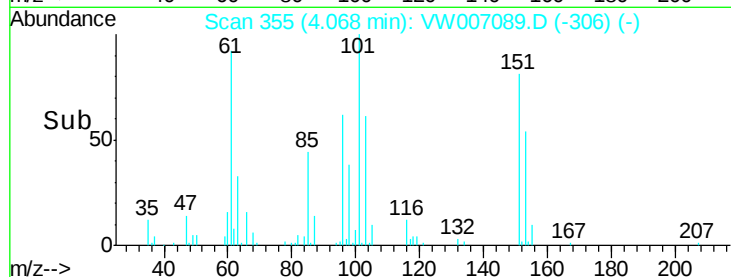
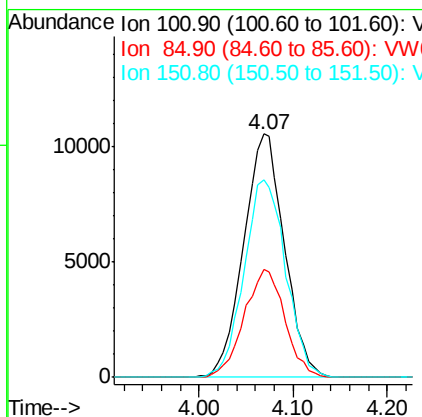
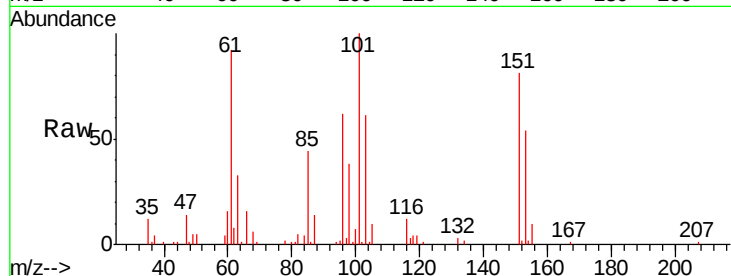
ClientSampleId :

NON-UST-03R-AMSD

Tgt Ion:	101	Resp:	32017
Ion Ratio	Lower	Upper	
101	100		
85	44.1	34.3	51.5
151	82.9	63.4	95.2

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#10

Methyl Iodide

Concen: 65.59 ug/l

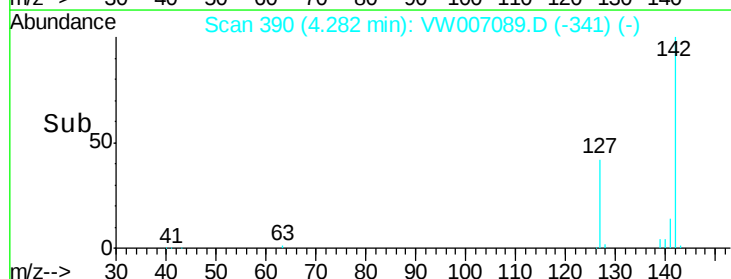
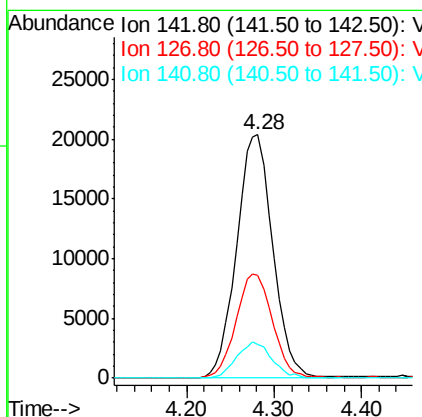
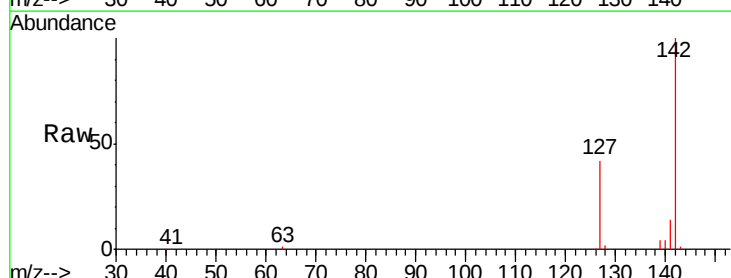
RT: 4.28 min Scan# 390

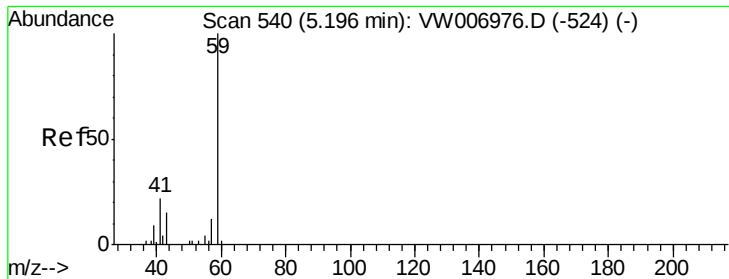
Delta R.T. 0.00 min

Lab File: VW007089.D

Acq: 27 Nov 2018 15:55

Tgt Ion:	142	Resp:	58775
Ion Ratio	Lower	Upper	
142	100		
127	43.3	35.3	52.9
141	14.4	11.7	17.5





#11

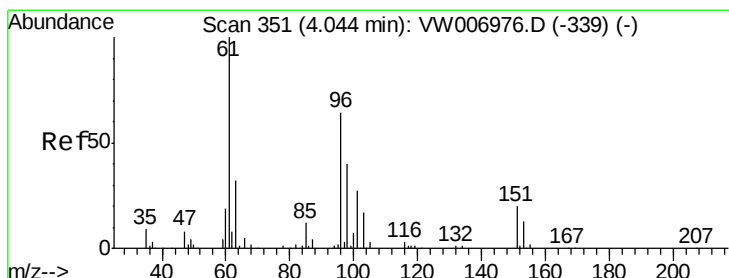
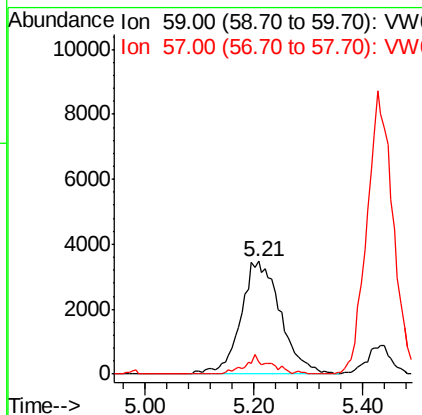
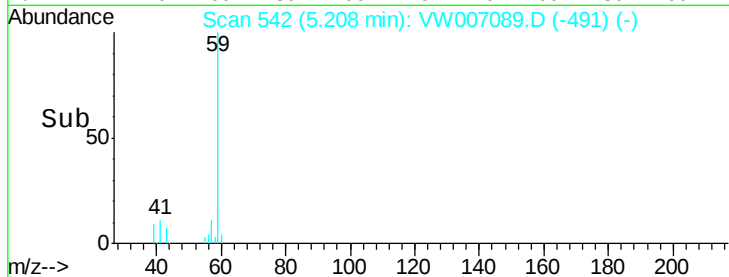
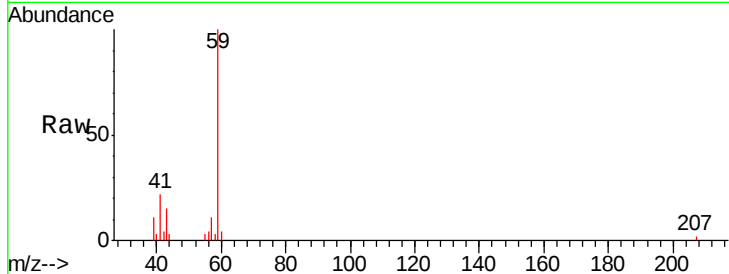
Tert butyl alcohol
Concen: 365.31 ug/l
RT: 5.21 min Scan# 542
Delta R.T. 0.01 min
Lab File: VW007089.D
Acq: 27 Nov 2018 15:55

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

Tgt Ion: 59 Resp: 17661
Ion Ratio Lower Upper
59 100
57 9.1 8.6 13.0

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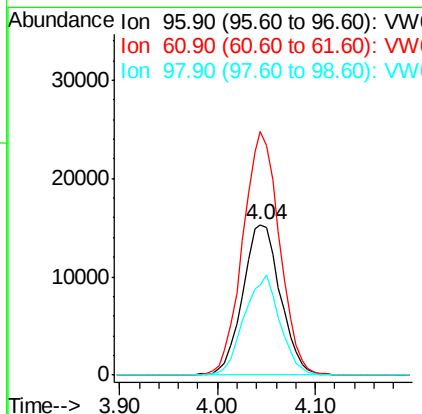
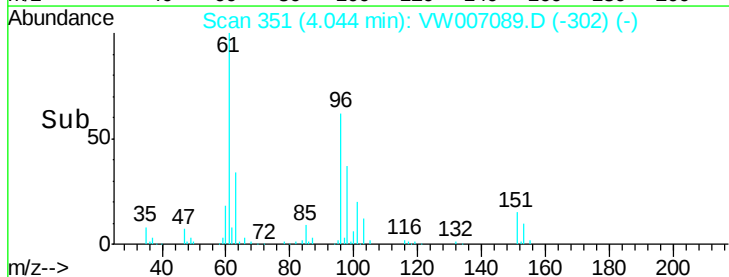
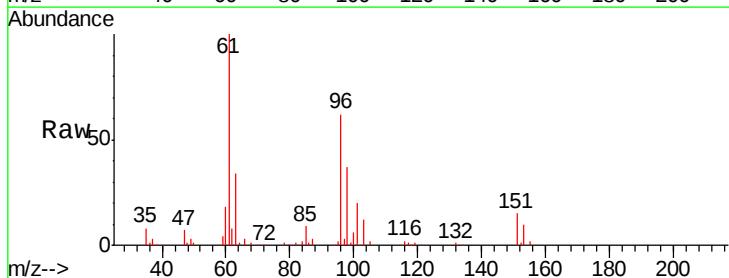
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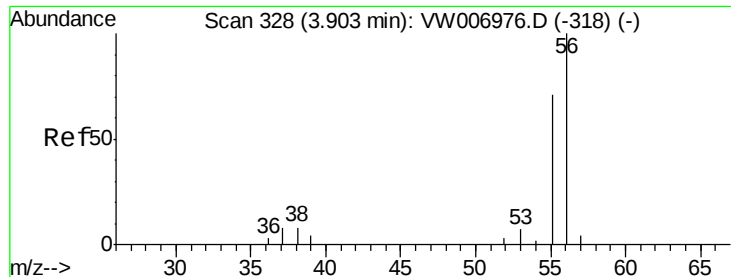


#12

1,1-Dichloroethene
Concen: 59.44 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.00 min
Lab File: VW007089.D
Acq: 27 Nov 2018 15:55

Tgt Ion: 96 Resp: 40813
Ion Ratio Lower Upper
96 100
61 161.7 124.3 186.5
98 59.8 49.4 74.2





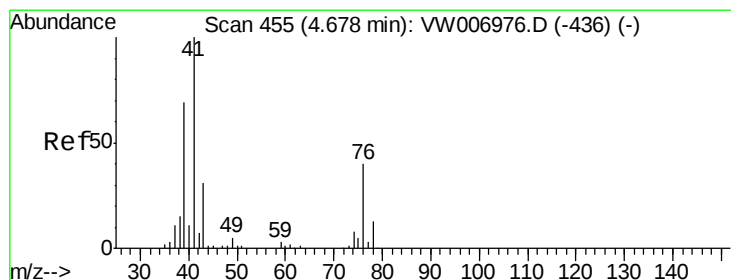
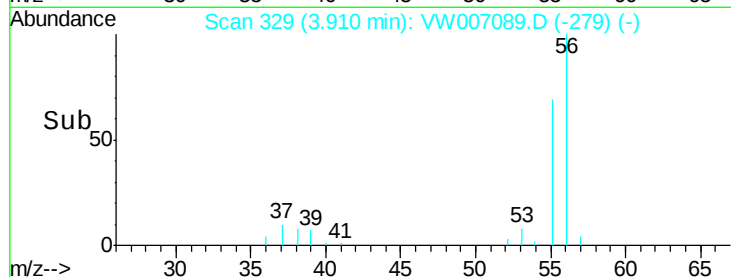
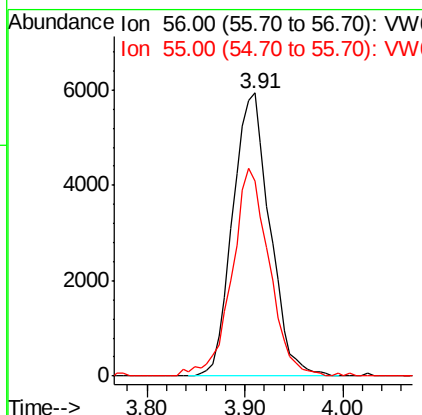
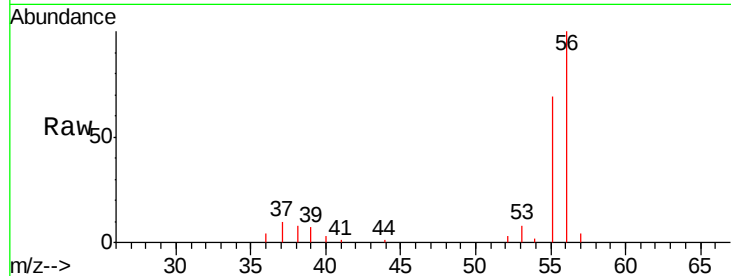
#13
Acrolein
Concen: 315.48 ug/l
RT: 3.91 min Scan# 329
Delta R.T. 0.01 min
Lab File: VW007089.D
Acq: 27 Nov 2018 15:55

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

Tgt Ion: 56 Resp: 15663
Ion Ratio Lower Upper
56 100
55 73.5 57.5 86.3

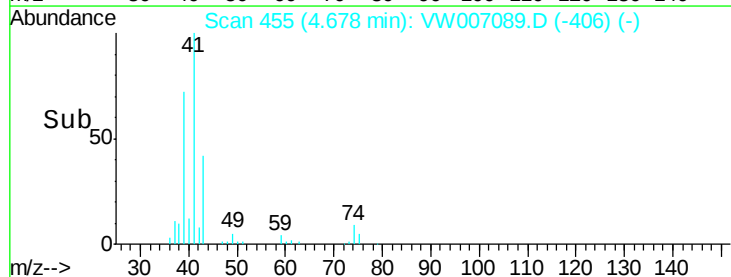
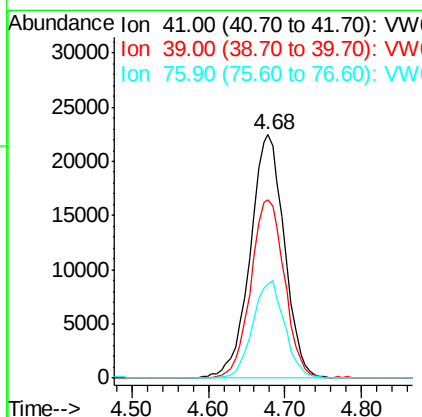
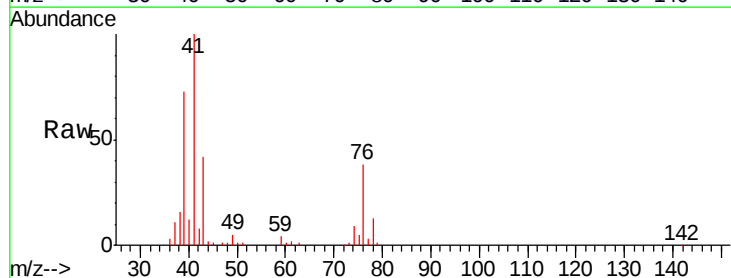
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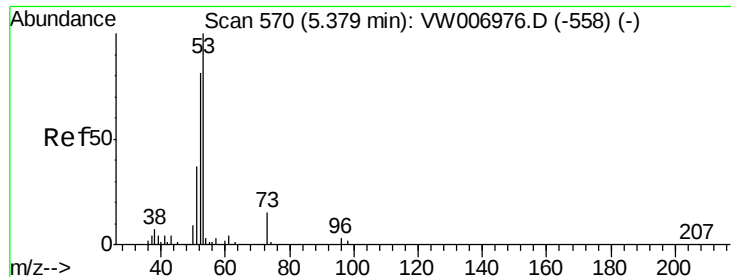
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#14
Allyl chloride
Concen: 61.28 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW007089.D
Acq: 27 Nov 2018 15:55

Tgt Ion: 41 Resp: 69783
Ion Ratio Lower Upper
41 100
39 72.2 55.4 83.2
76 37.2 29.6 44.4





#15

Acrylonitrile

Concen: 375.81 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW007089.D

Acq: 27 Nov 2018 15:55

Instrument :

MSVOA_W

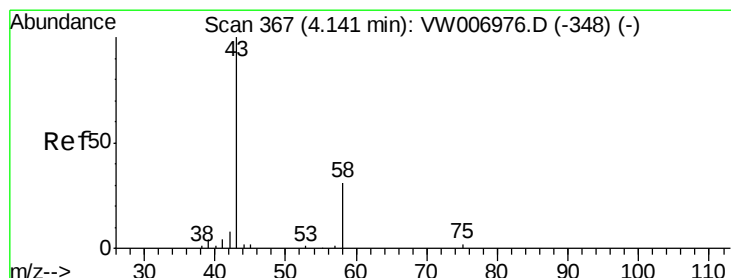
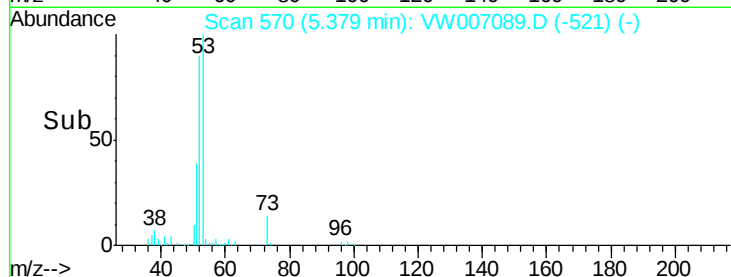
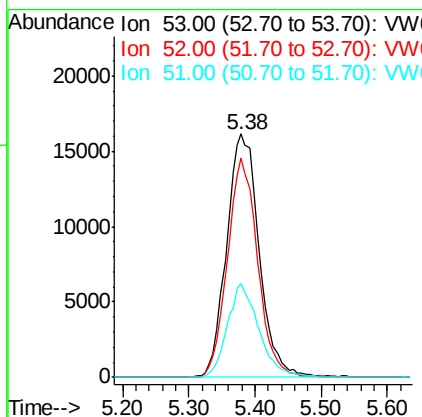
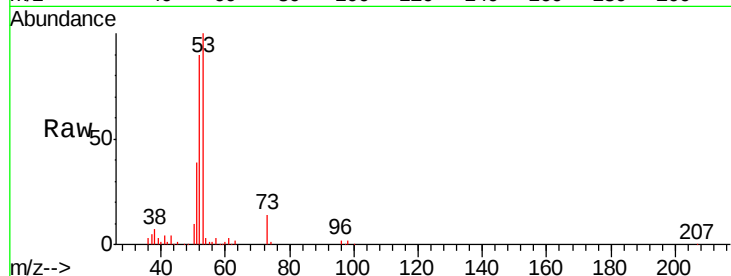
ClientSampleId :

NON-UST-03R-AMSD

Tgt Ion:	53	Resp:	54959
Ion Ratio	Lower	Upper	
53	100		
52	83.8	65.7	98.5
51	37.4	29.9	44.9

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#16

Acetone

Concen: 397.98 ug/l

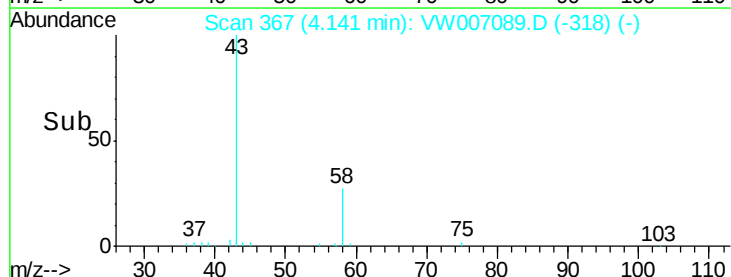
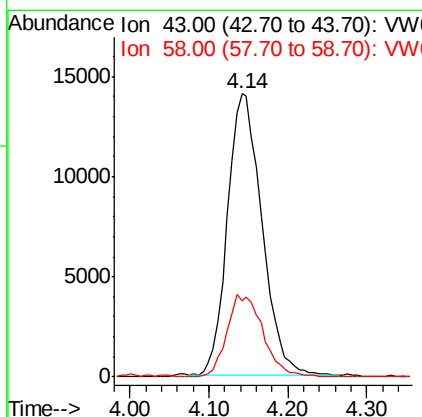
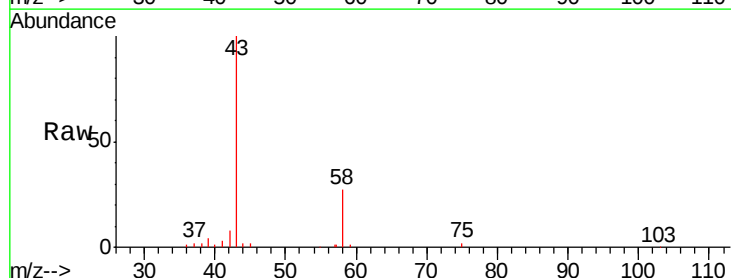
RT: 4.14 min Scan# 367

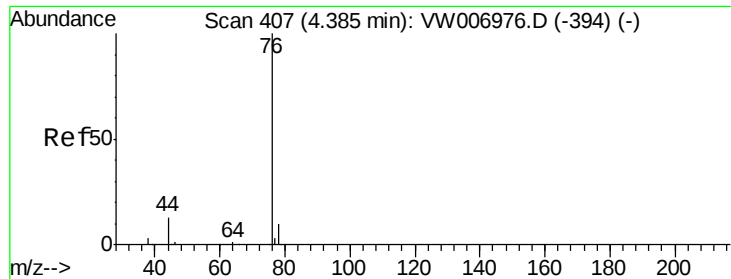
Delta R.T. 0.00 min

Lab File: VW007089.D

Acq: 27 Nov 2018 15:55

Tgt Ion:	43	Resp:	42911
Ion Ratio	Lower	Upper	
43	100		
58	26.8	24.8	37.2





#17

Carbon Disulfide

Concen: 58.12 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW007089.D

Acq: 27 Nov 2018 15:55

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMSD

Tgt Ion: 76 Resp: 129006

Ion Ratio Lower Upper

76 100

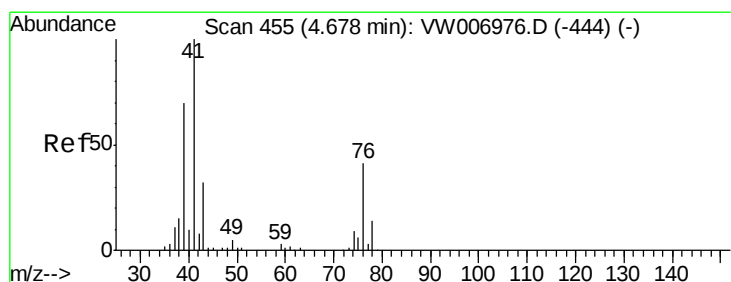
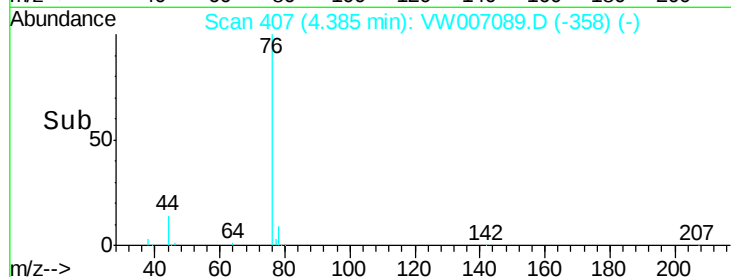
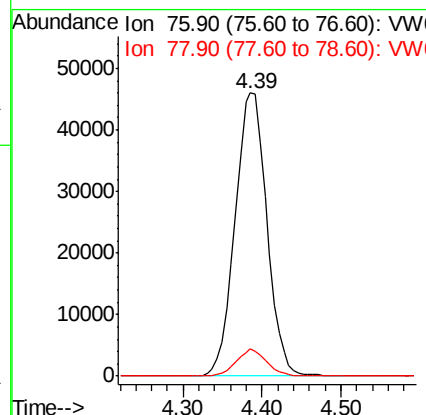
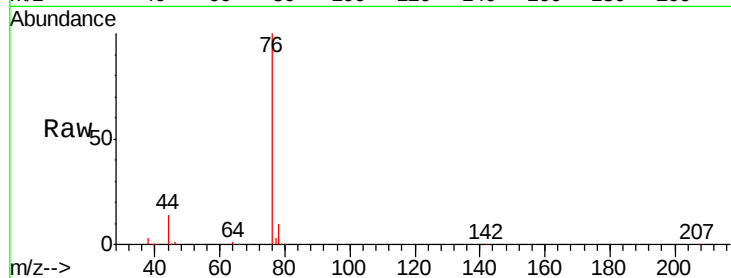
78 9.6 7.8 11.6

Manual Integrations

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#18

Methyl Acetate

Concen: 76.47 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW007089.D

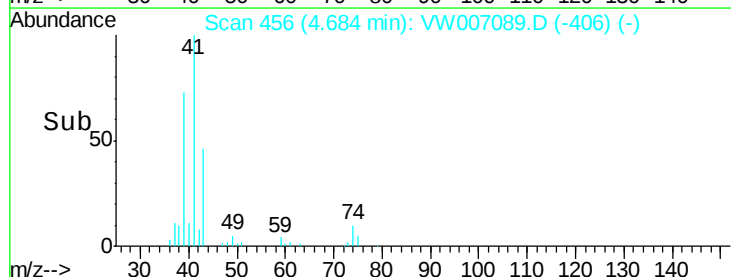
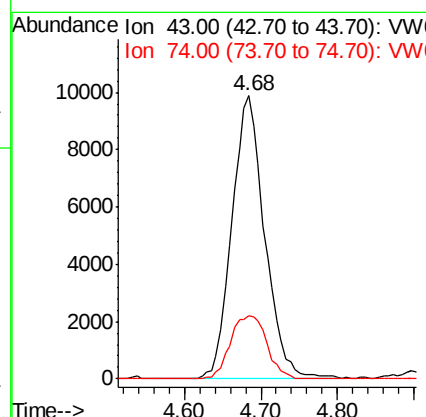
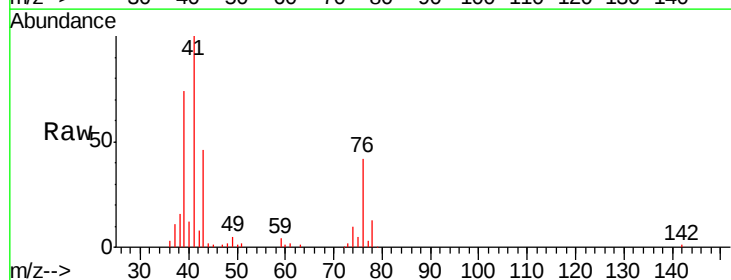
Acq: 27 Nov 2018 15:55

Tgt Ion: 43 Resp: 29362

Ion Ratio Lower Upper

43 100

74 24.7 20.1 30.1





#19

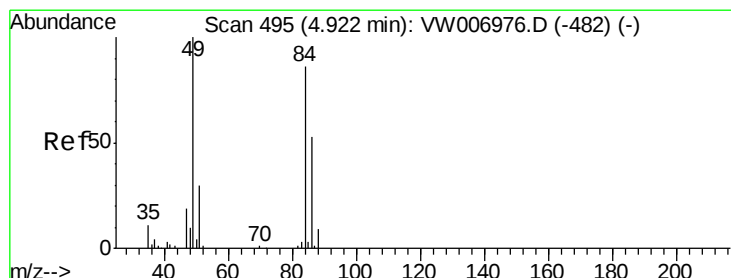
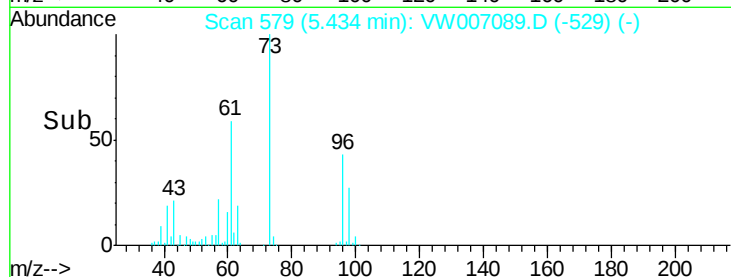
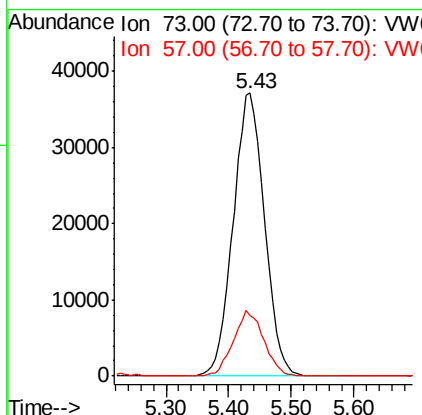
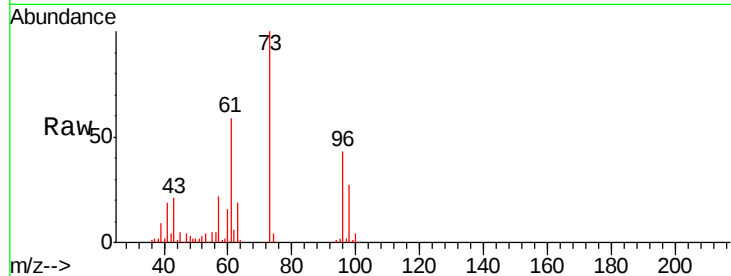
Methyl tert-butyl Ether
 Concen: 71.53 ug/l
 RT: 5.43 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: VW007089.D
 Acq: 27 Nov 2018 15:55

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

Tgt Ion: 73 Resp: 128243
 Ion Ratio Lower Upper
 73 100
 57 21.5 16.7 25.1

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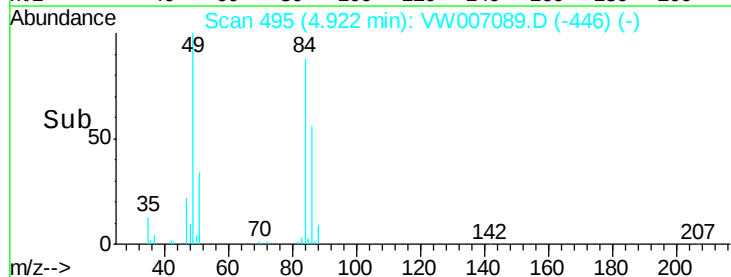
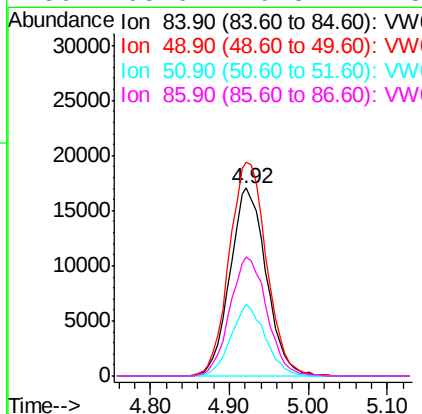
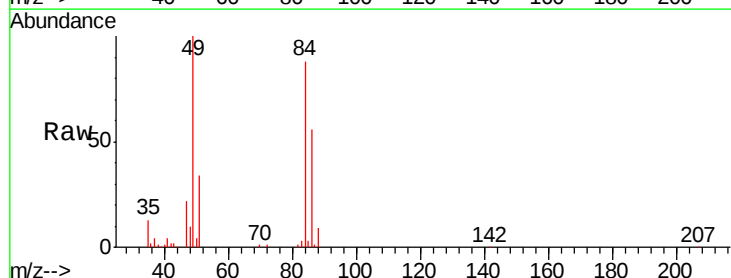
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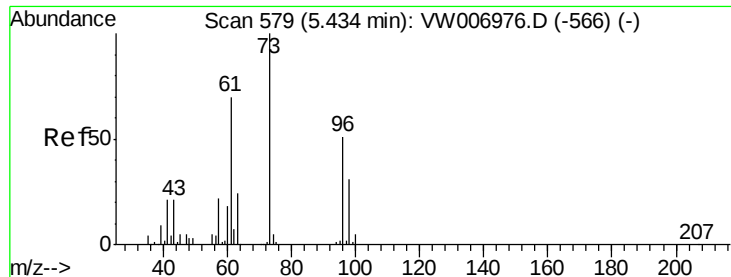


#20

Methylene Chloride
 Concen: 64.97 ug/l
 RT: 4.92 min Scan# 495
 Delta R.T. 0.00 min
 Lab File: VW007089.D
 Acq: 27 Nov 2018 15:55

Tgt Ion: 84 Resp: 54434
 Ion Ratio Lower Upper
 84 100
 49 113.9 93.4 140.0
 51 38.6 28.4 42.6
 86 63.6 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 59.98 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW007089.D

Acq: 27 Nov 2018 15:55

Instrument :

MSVOA_W

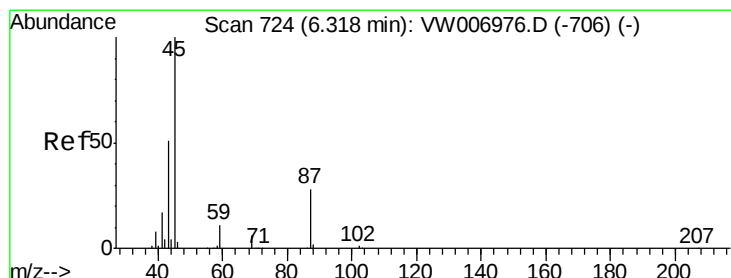
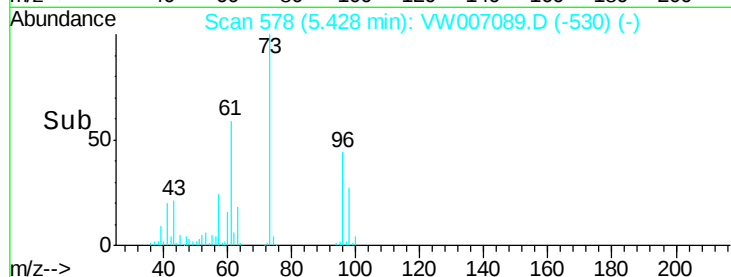
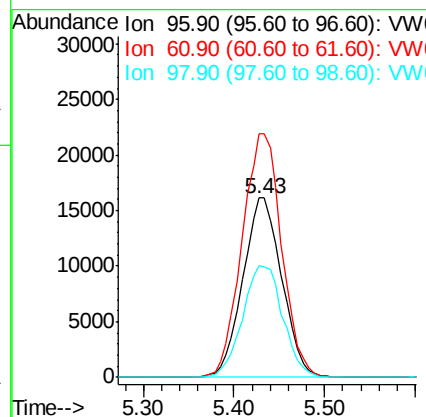
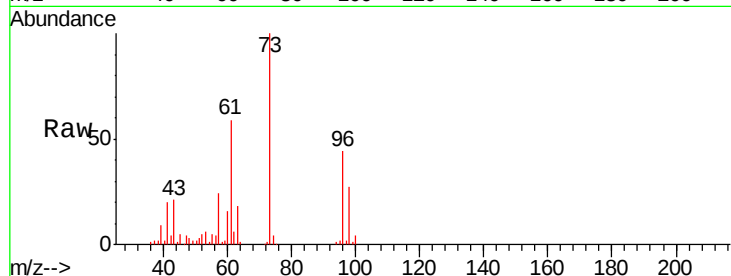
ClientSampleId :

NON-UST-03R-AMSD

Tgt Ion:	96	Resp:	47969
Ion	Ratio	Lower	Upper
96	100		
61	135.4	109.4	164.0
98	62.3	48.3	72.5

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#22

Diisopropyl ether

Concen: 65.16 ug/l

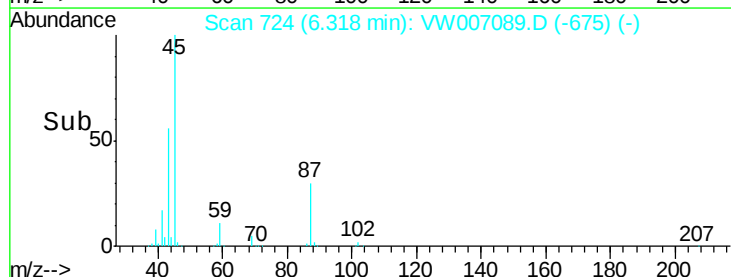
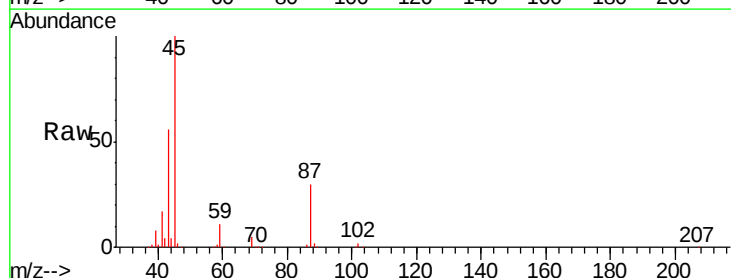
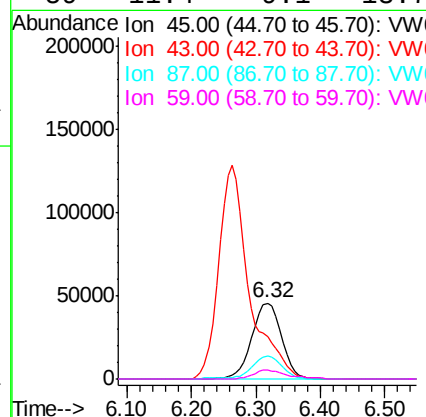
RT: 6.32 min Scan# 724

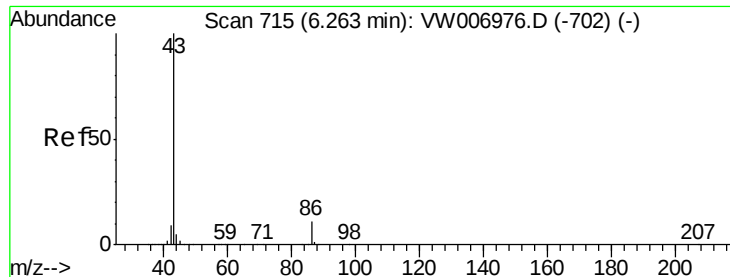
Delta R.T. 0.00 min

Lab File: VW007089.D

Acq: 27 Nov 2018 15:55

Tgt Ion:	45	Resp:	144420
Ion	Ratio	Lower	Upper
45	100		
43	55.3	42.5	63.7
87	30.3	22.8	34.2
59	11.4	9.1	13.7





#23

Vinyl Acetate

Concen: 361.57 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW007089.D

Acq: 27 Nov 2018 15:55

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMSD

Tgt Ion: 43 Resp: 425596

Ion Ratio Lower Upper

43 100

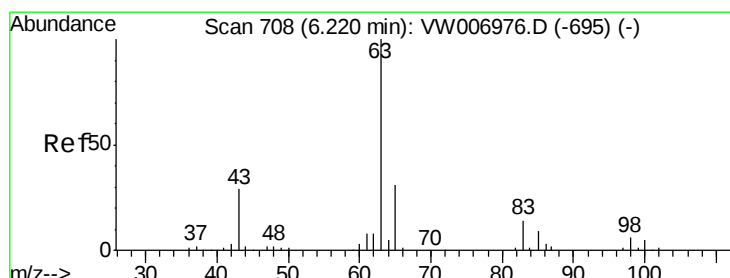
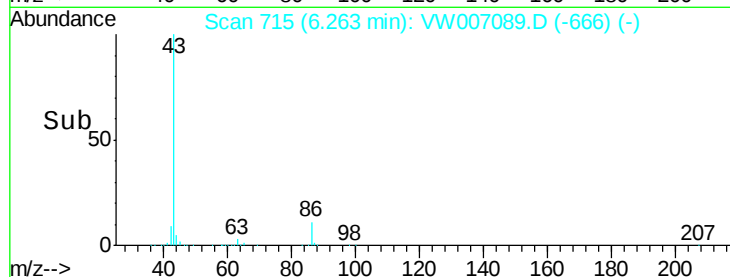
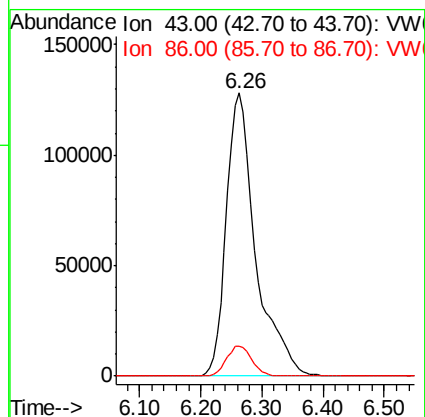
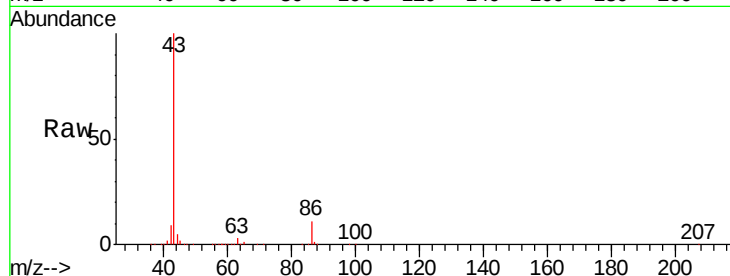
86 10.6 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 62.15 ug/l

RT: 6.23 min Scan# 709

Delta R.T. 0.01 min

Lab File: VW007089.D

Acq: 27 Nov 2018 15:55

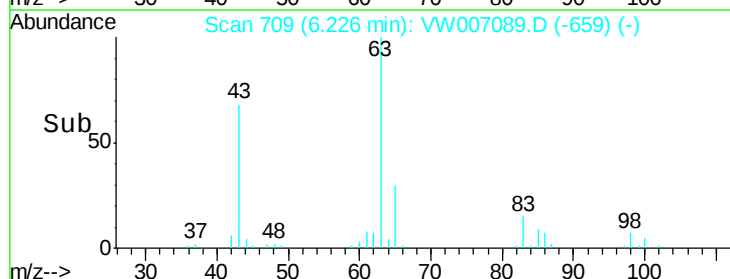
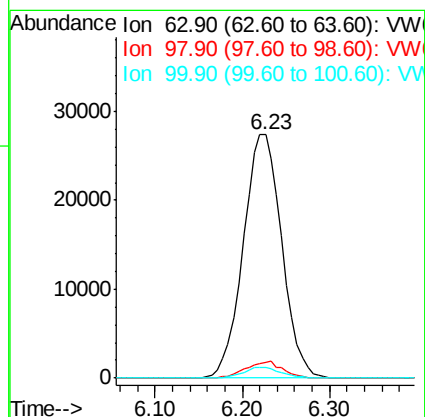
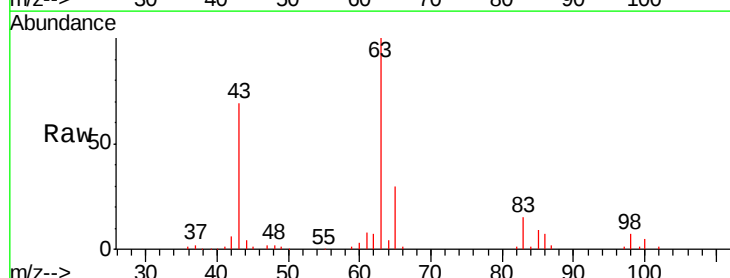
Tgt Ion: 63 Resp: 83799

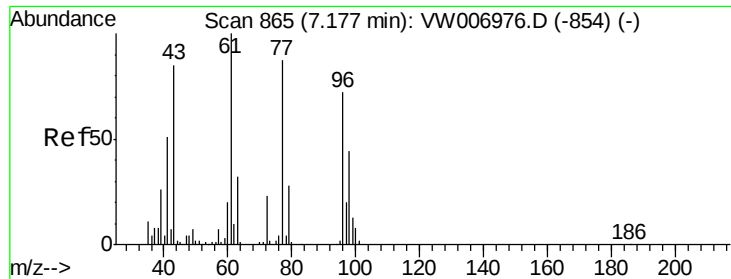
Ion Ratio Lower Upper

63 100

98 6.5 3.1 9.4

100 4.6 2.3 6.9





#25

2-Butanone

Concen: 374.91 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW007089.D

Acq: 27 Nov 2018 15:55

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMSD

Tgt Ion: 43 Resp: 69234

Ion Ratio Lower Upper

43 100

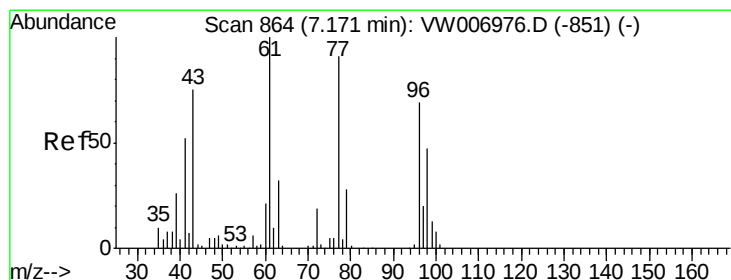
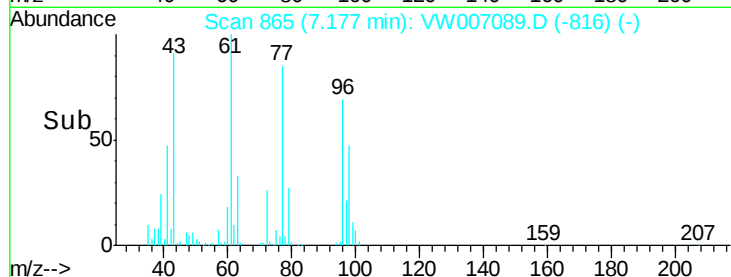
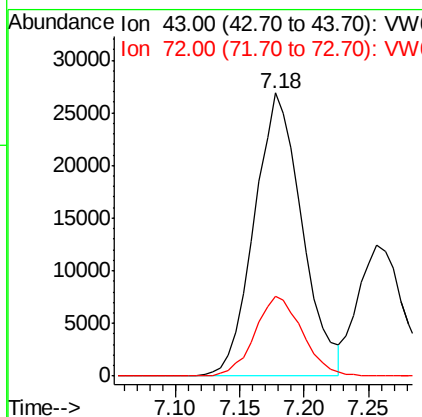
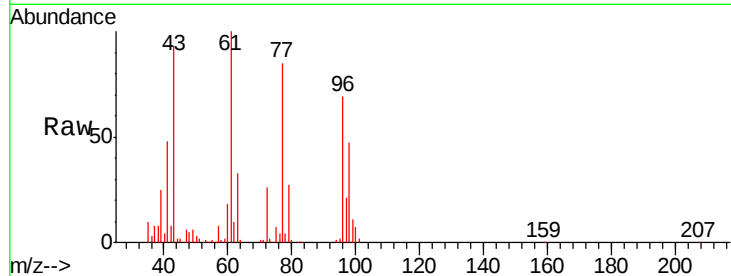
72 28.0 21.3 31.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 60.22 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW007089.D

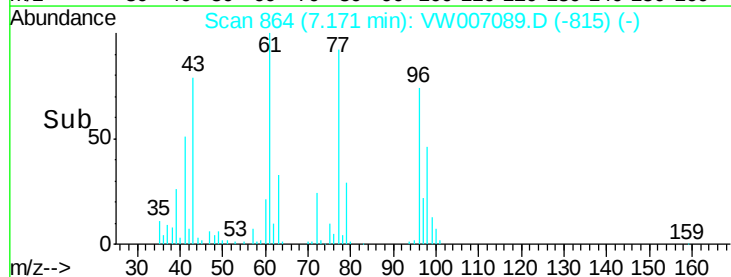
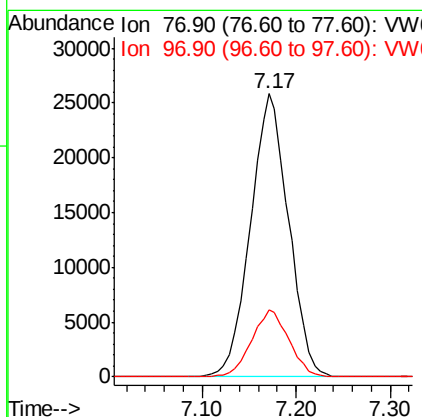
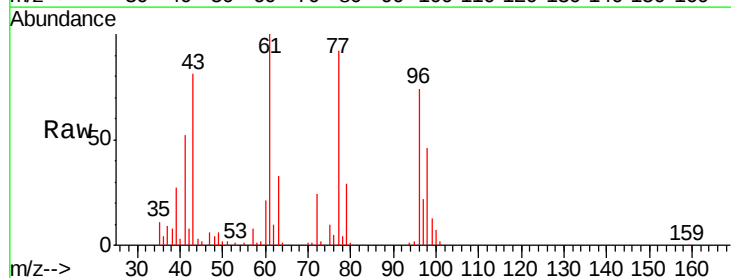
Acq: 27 Nov 2018 15:55

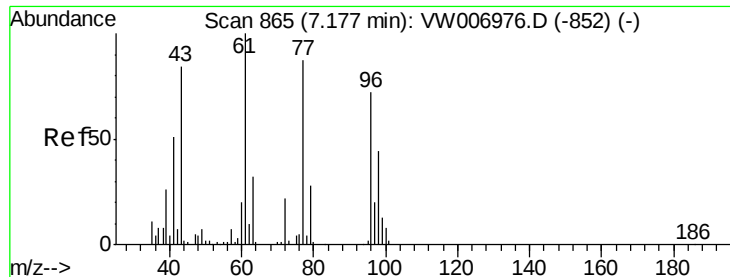
Tgt Ion: 77 Resp: 73017

Ion Ratio Lower Upper

77 100

97 23.1 11.4 34.1





#27

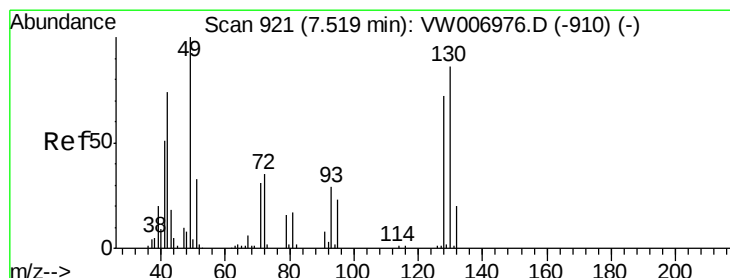
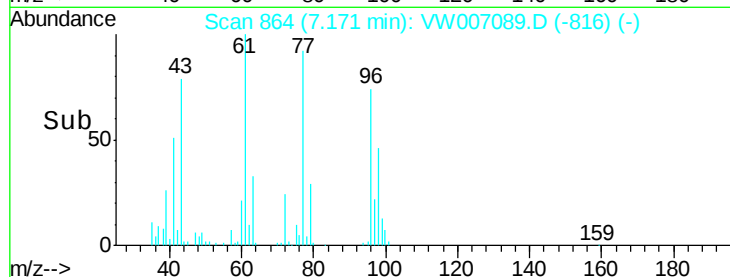
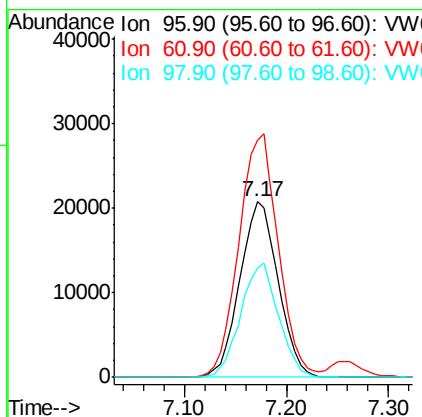
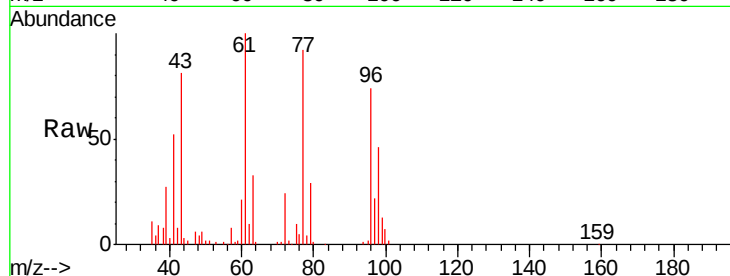
cis-1,2-Dichloroethene
Concen: 63.59 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW007089.D
Acq: 27 Nov 2018 15:55

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

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	54160		
61	143.1	0.0	292.6	
98	64.4	0.0	129.8	

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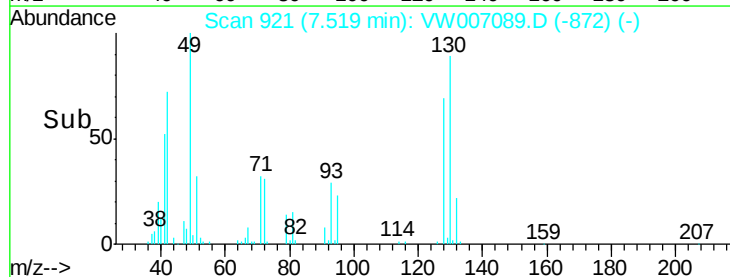
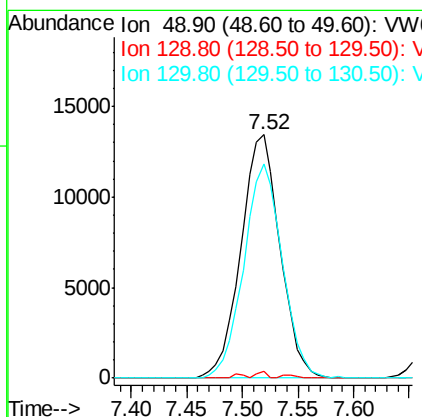
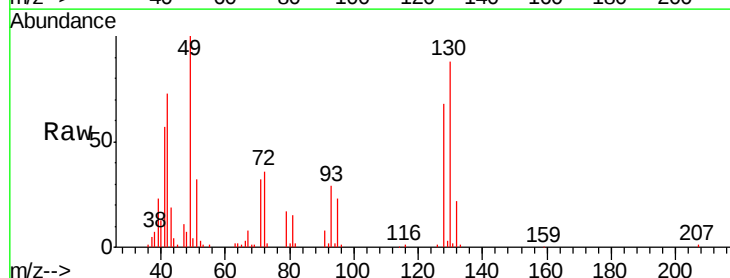
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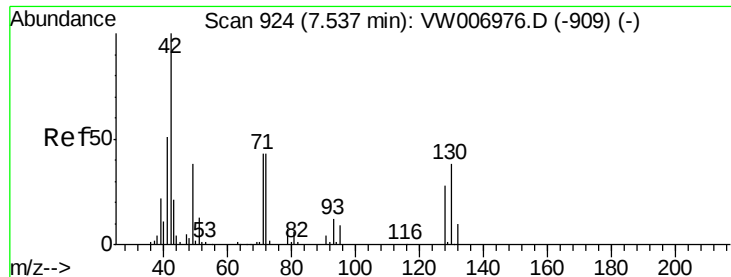


#28

Bromochloromethane
Concen: 65.15 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.00 min
Lab File: VW007089.D
Acq: 27 Nov 2018 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	32836		
129	0.7	0.0	2.0	
130	86.9	69.0	103.4	





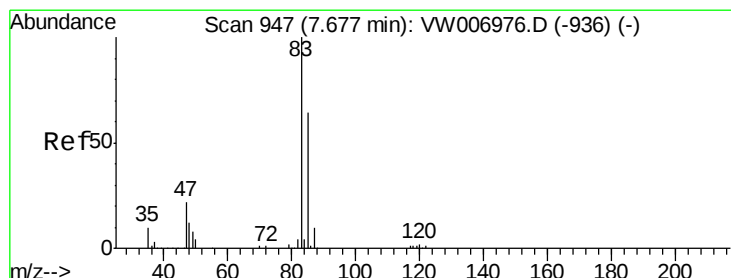
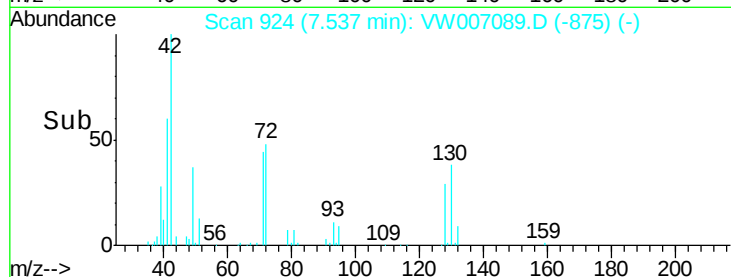
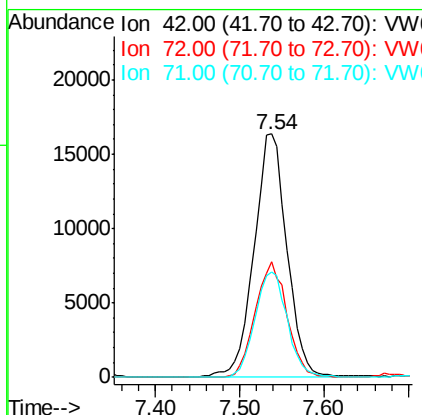
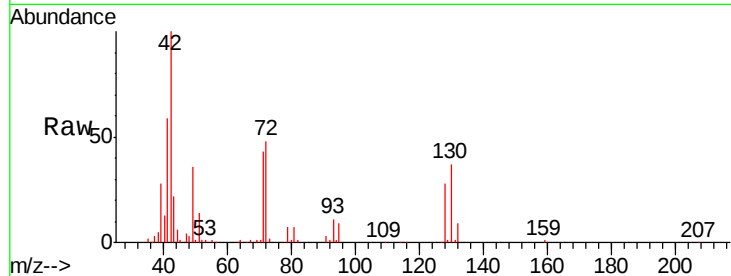
#29
Tetrahydrofuran
Concen: 366.22 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW007089.D
Acq: 27 Nov 2018 15:55

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

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.7	36.2	54.4
71	42.6	33.8	50.8

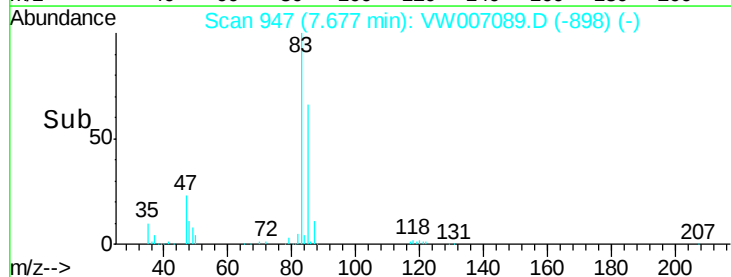
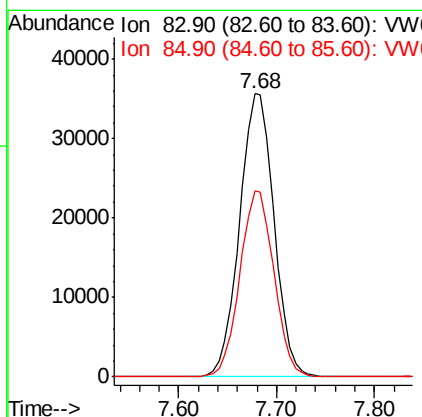
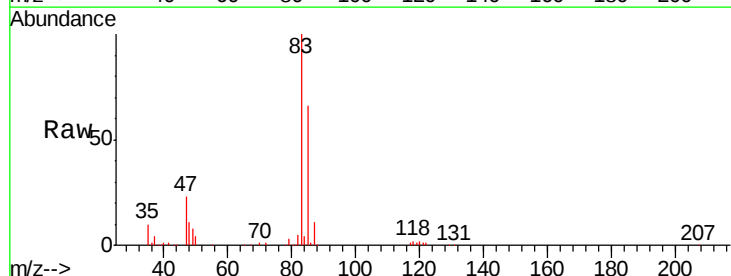
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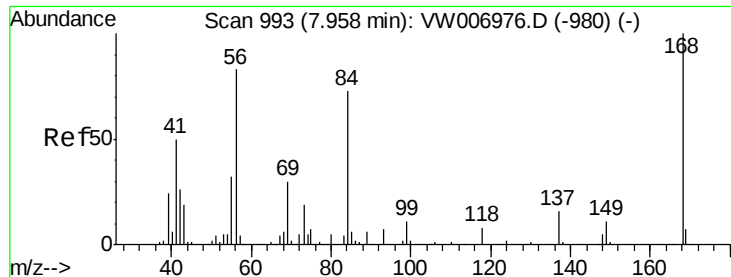
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#30
Chloroform
Concen: 60.90 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW007089.D
Acq: 27 Nov 2018 15:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	50.9	76.3





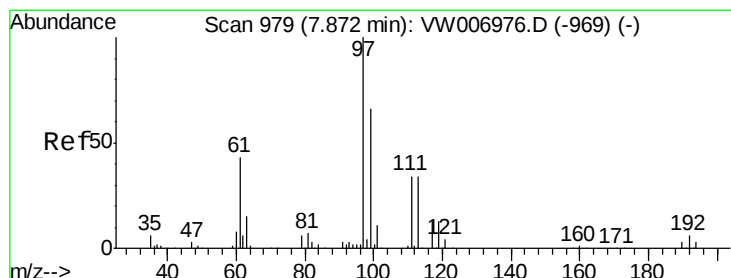
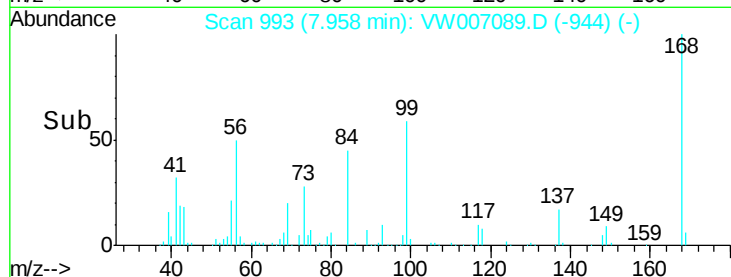
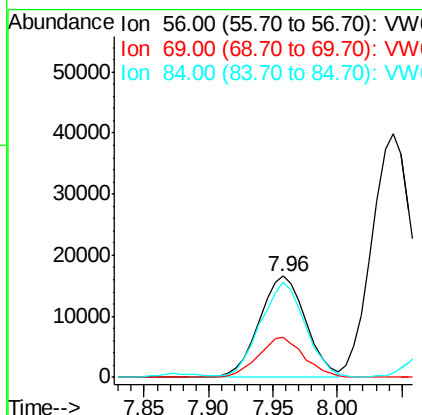
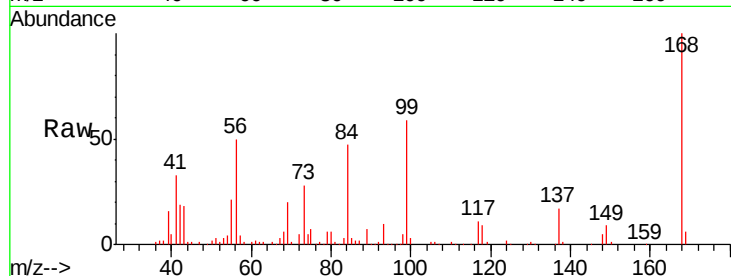
#31
Cyclohexane
Concen: 29.05 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW007089.D
Acq: 27 Nov 2018 15:55

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

Tgt Ion	Ratio	Lower	Upper
56	100		
69	39.9	29.1	43.7
84	91.9	70.6	105.8

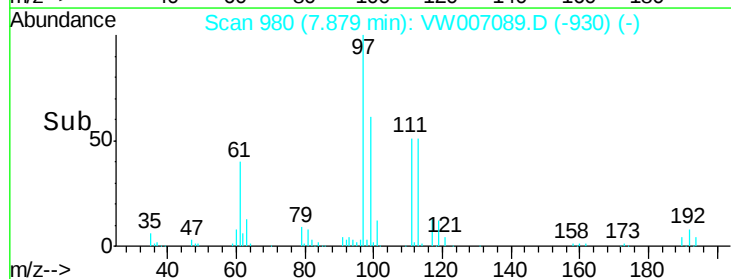
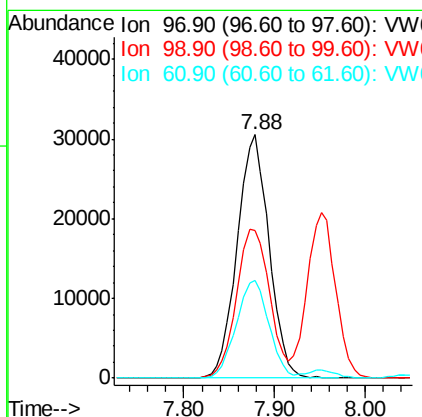
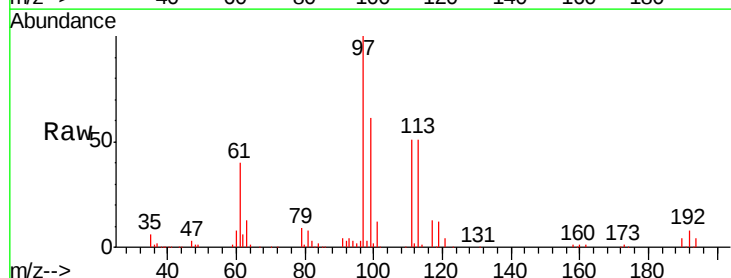
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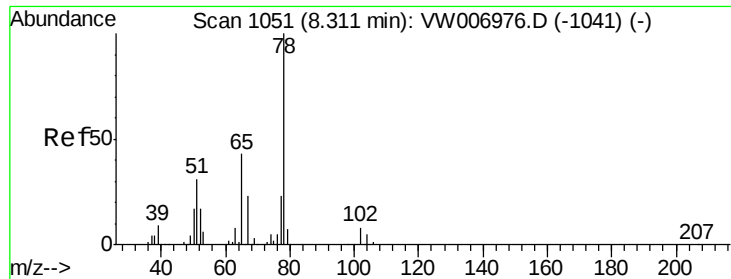
apatel
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#32
1,1,1-Trichloroethane
Concen: 57.67 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW007089.D
Acq: 27 Nov 2018 15:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.9	77.9
61	41.1	33.4	50.2





#33

1,2-Dichloroethane-d4

Concen: 64.69 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW007089.D

Acq: 27 Nov 2018 15:55

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMSD

Tgt Ion: 65 Resp: 48041

Ion Ratio Lower Upper

65 100

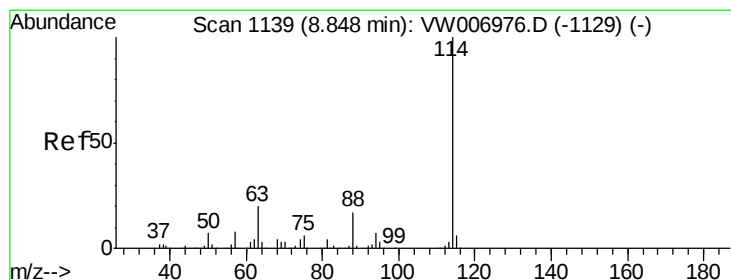
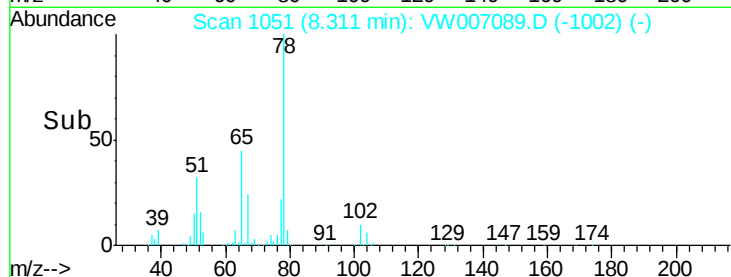
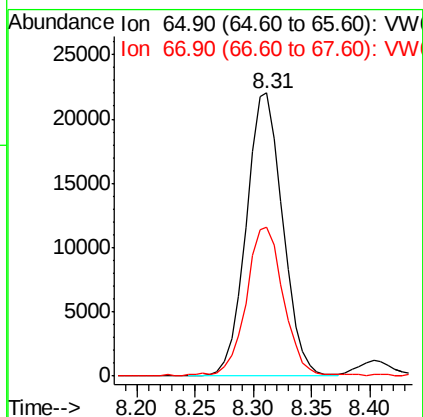
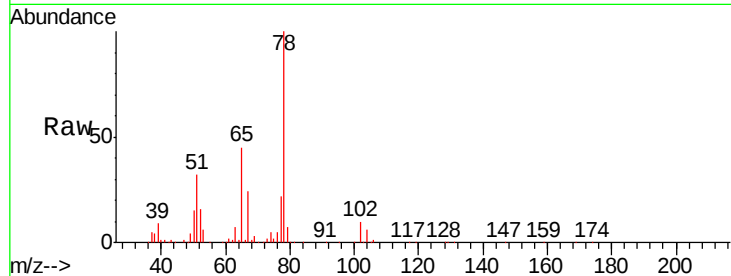
67 54.0 0.0 106.2

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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: VW007089.D

Acq: 27 Nov 2018 15:55

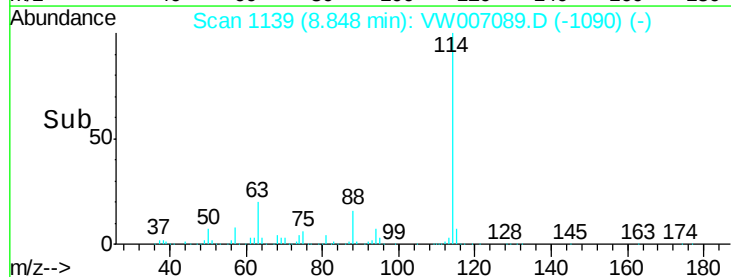
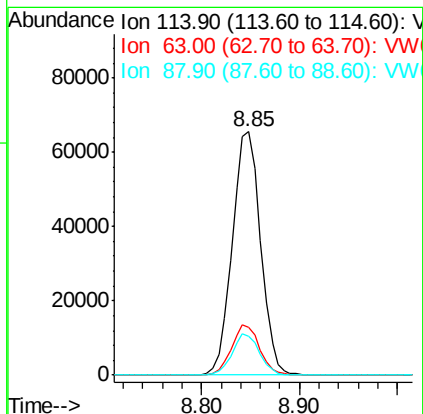
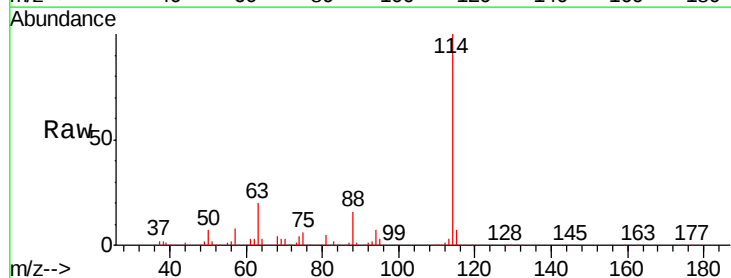
Tgt Ion: 114 Resp: 131785

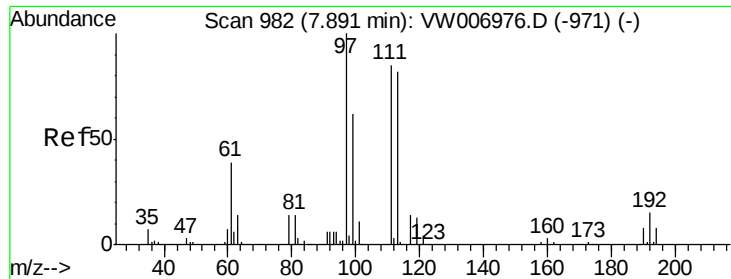
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.4

88 16.1 0.0 34.2





#35

Dibromofluoromethane

Concen: 57.51 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW007089.D

Acq: 27 Nov 2018 15:55

Instrument :

MSVOA_W

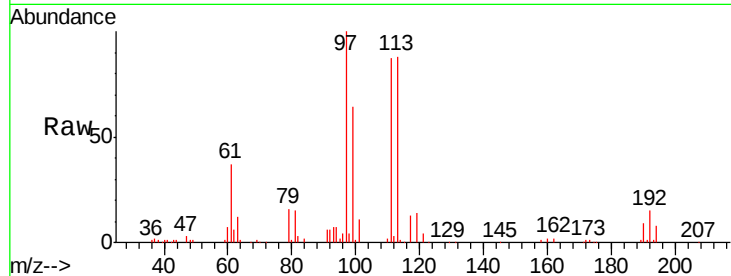
ClientSampleId :

NON-UST-03R-AMSD

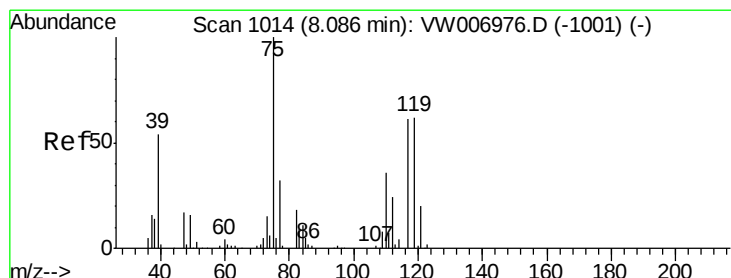
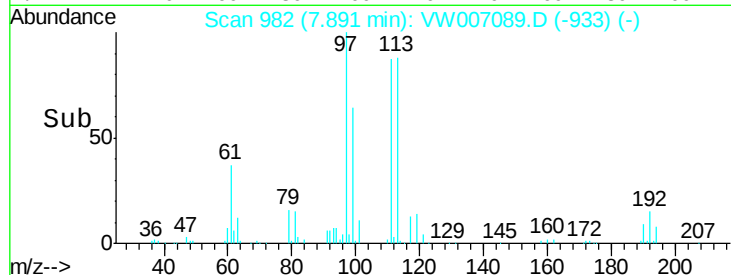
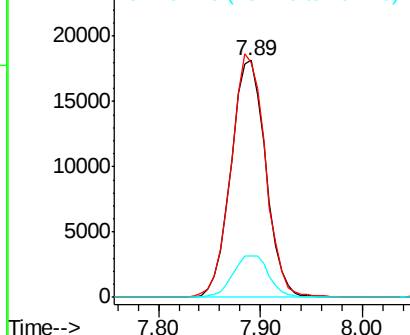
Tgt Ion:	113	Resp:	42803
Ion Ratio	Lower	Upper	
113	100		
111	101.3	81.0	121.6
192	18.1	15.0	22.6

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Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.52 ug/l

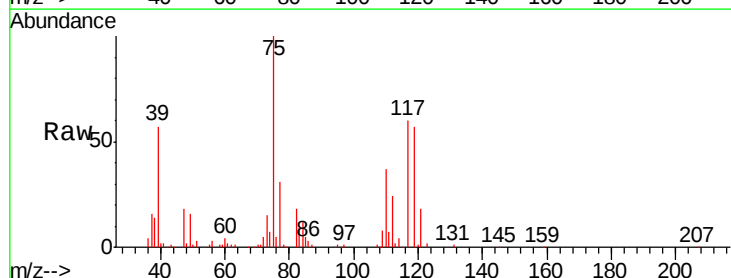
RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

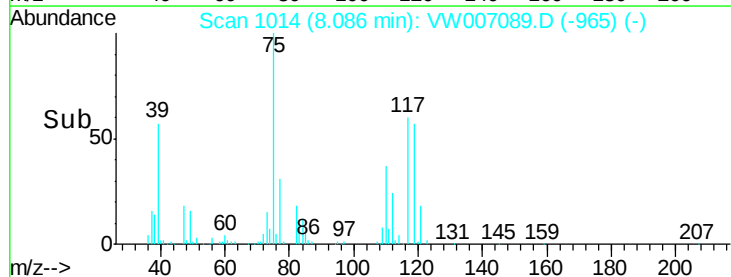
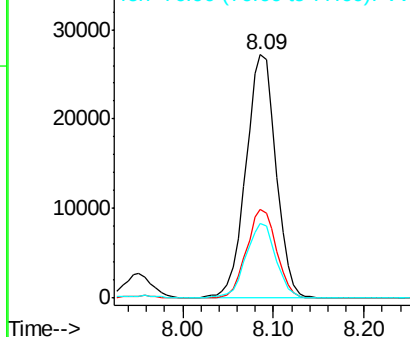
Lab File: VW007089.D

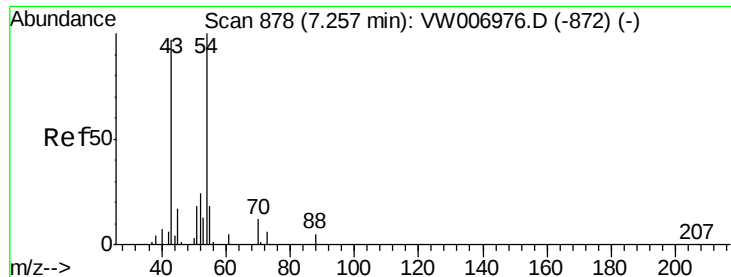
Acq: 27 Nov 2018 15:55

Tgt Ion:	75	Resp:	62490
Ion Ratio	Lower	Upper	
75	100		
110	36.4	18.0	54.0
77	30.8	24.9	37.3



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW





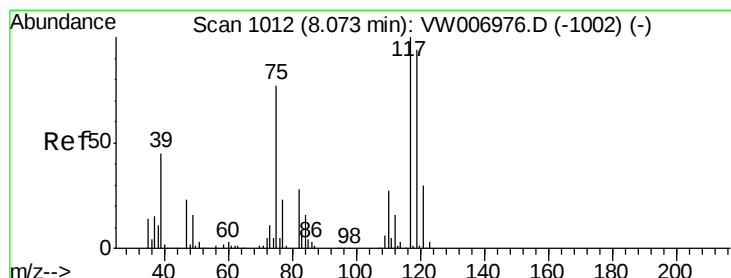
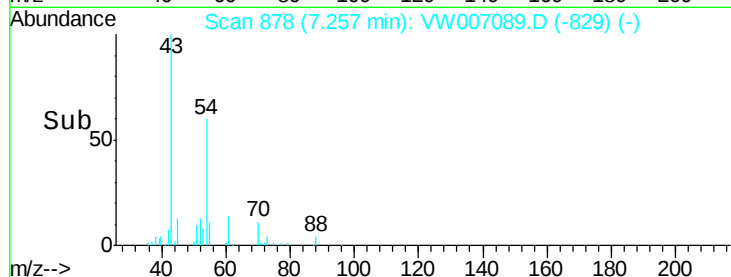
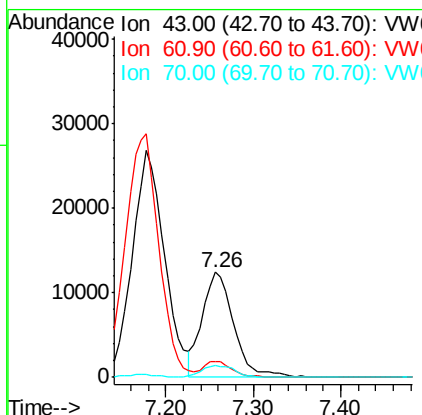
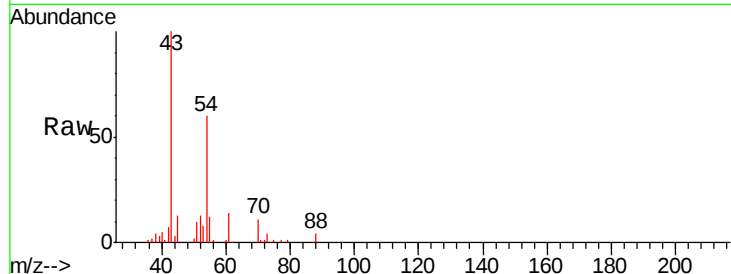
#37
Ethyl Acetate
Concen: 67.18 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW007089.D
Acq: 27 Nov 2018 15:55

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

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.4	15.6
70	12.1	8.8	13.2

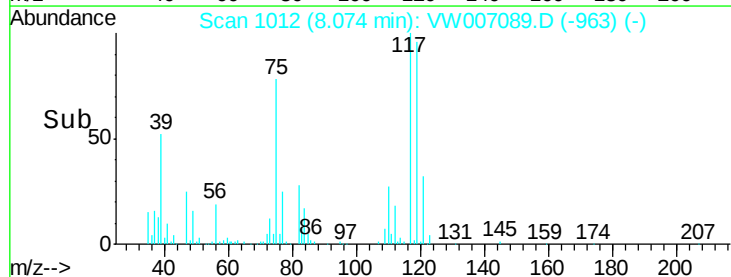
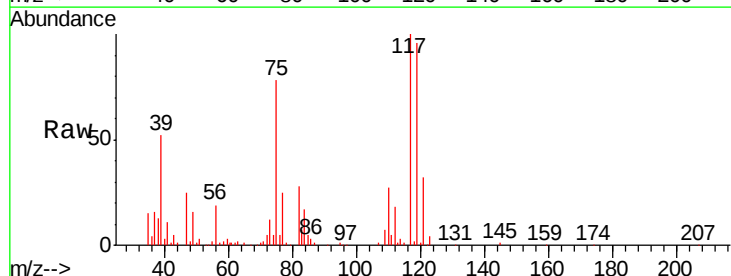
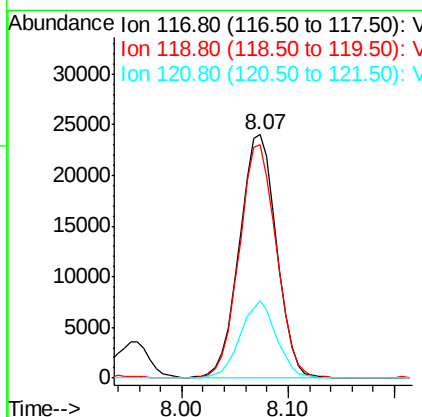
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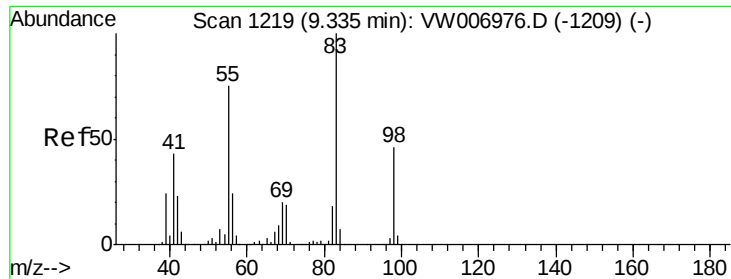
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#38
Carbon Tetrachloride
Concen: 47.76 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW007089.D
Acq: 27 Nov 2018 15:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	74.9	112.3
121	31.5	23.6	35.4





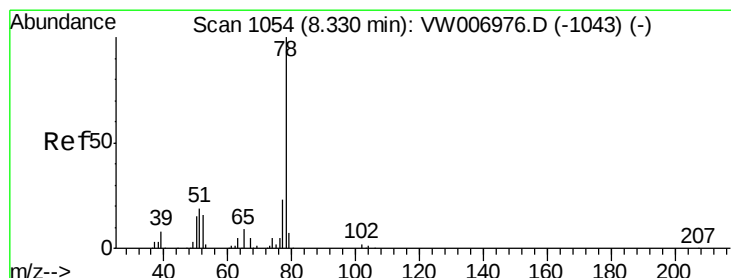
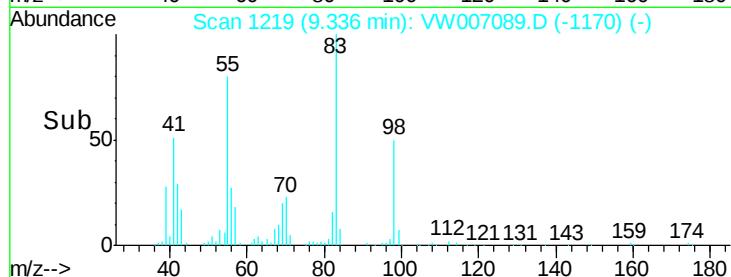
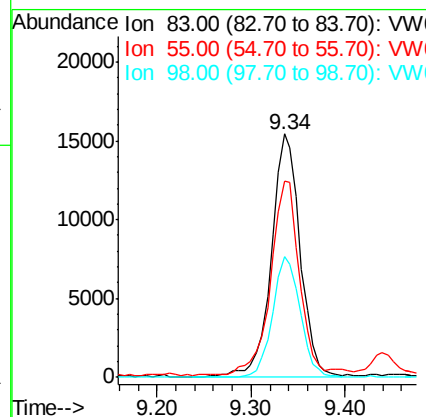
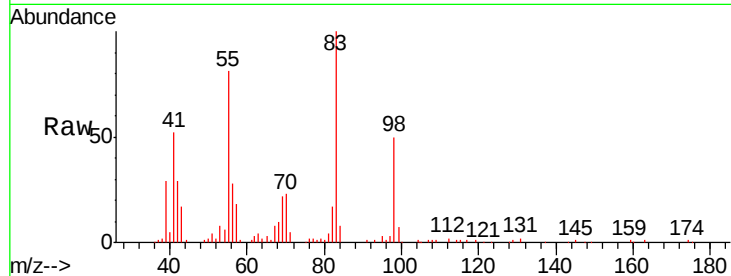
#39
Methylcyclohexane
Concen: 20.51 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW007089.D
Acq: 27 Nov 2018 15:55

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

Tgt Ion	Ratio	Lower	Upper
83	100		
55	79.9	59.6	89.4
98	49.8	37.1	55.7

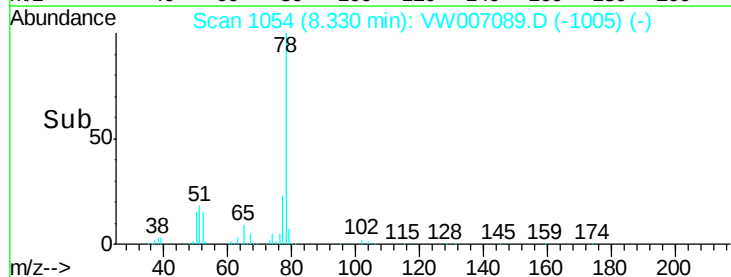
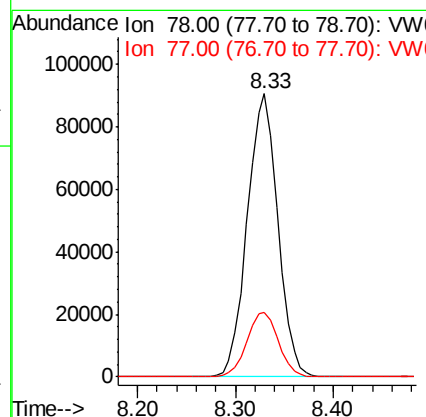
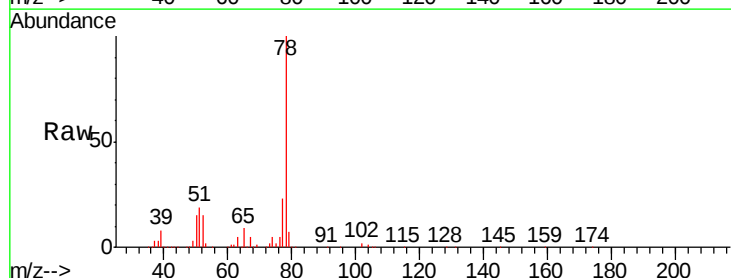
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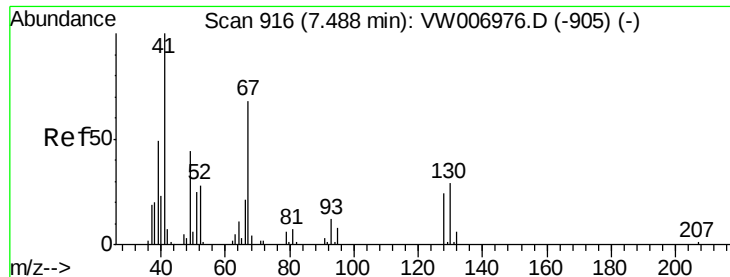
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#40
Benzene
Concen: 56.38 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW007089.D
Acq: 27 Nov 2018 15:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.6	28.0





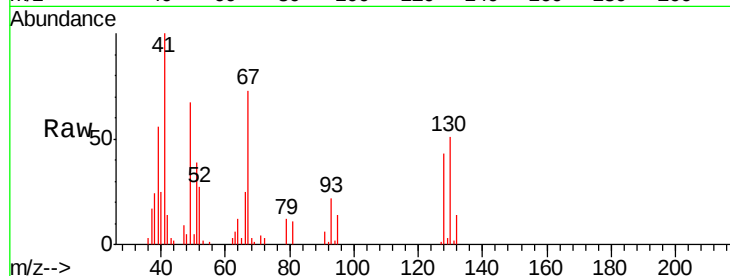
#41
Methacrylonitrile
Concen: 64.06 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW007089.D
Acq: 27 Nov 2018 15:55

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

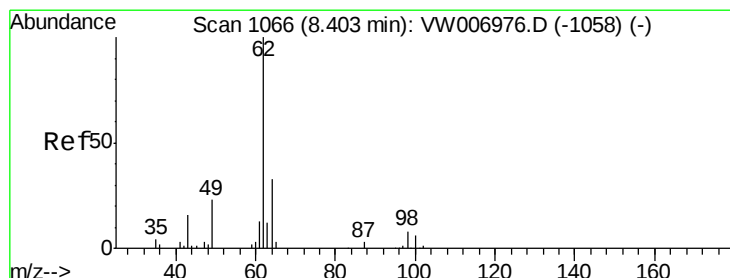
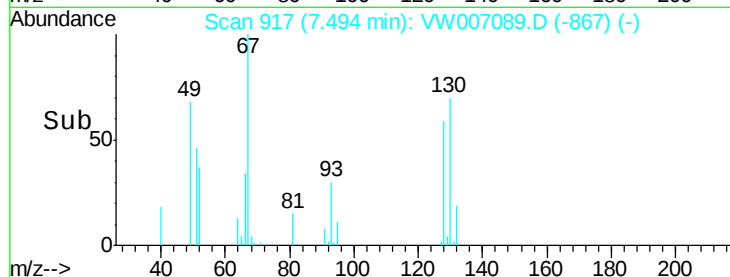
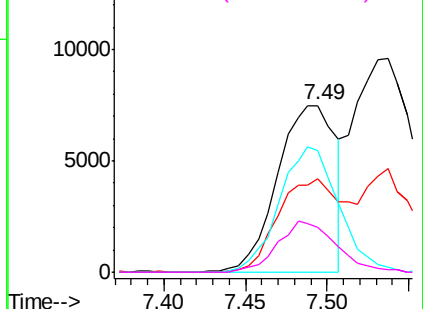
Tgt Ion	Ratio	Lower	Upper
41	100		
39	67.4	48.6	73.0
67	76.5	59.8	89.8
52	30.6	24.8	37.2

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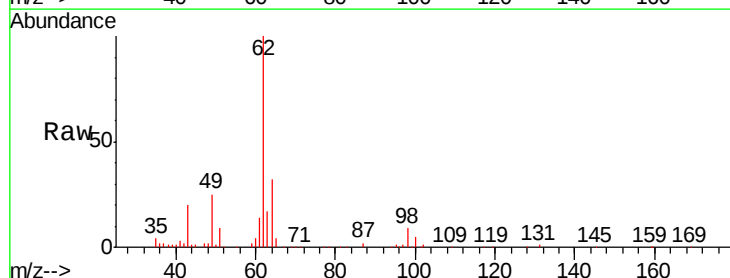


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

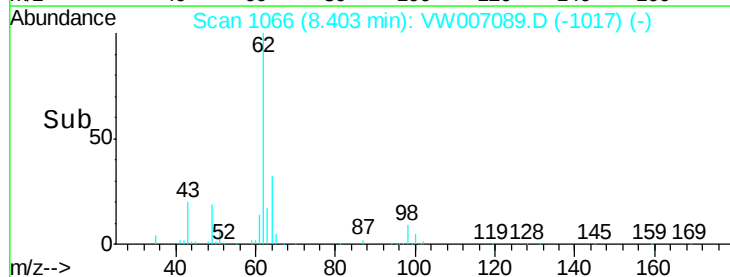
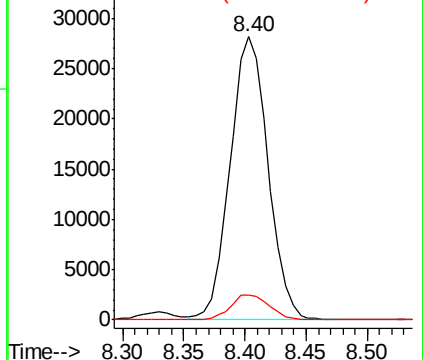


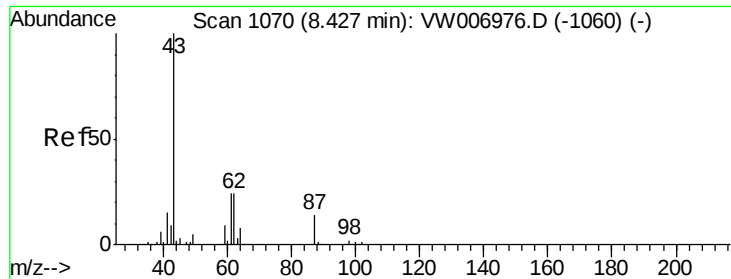
#42
1,2-Dichloroethane
Concen: 59.81 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW007089.D
Acq: 27 Nov 2018 15:55

Tgt 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: 76.30 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW007089.D

Acq: 27 Nov 2018 15:55

Instrument :

MSVOA_W

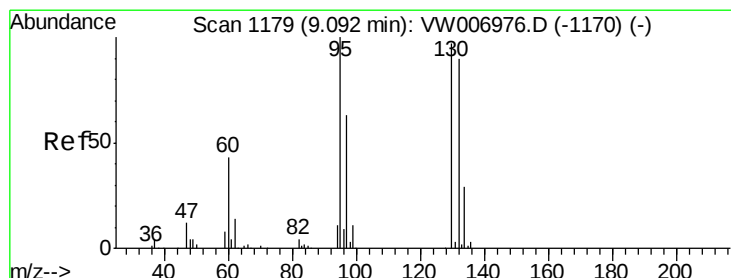
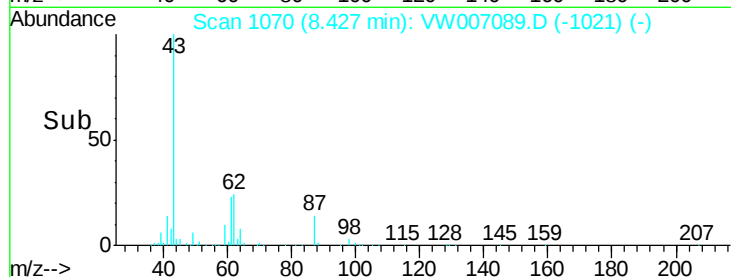
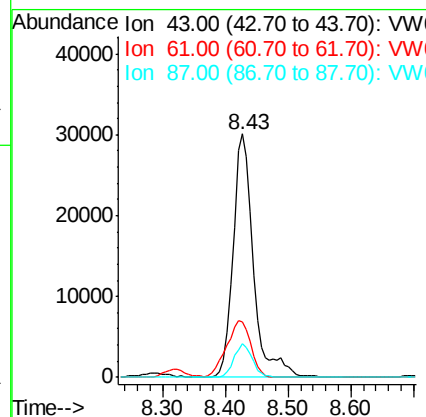
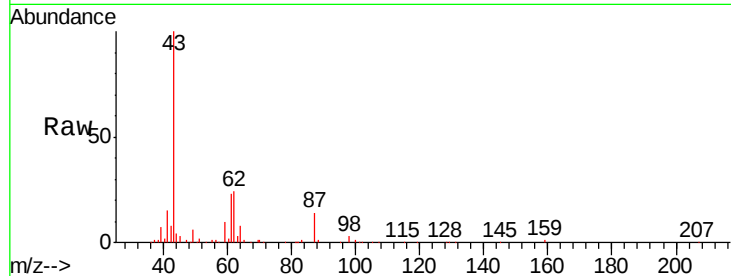
ClientSampleId :

NON-UST-03R-AMSD

Tgt Ion:	43	Resp:	67853
Ion	Ratio	Lower	Upper
43	100		
61	27.9	26.1	39.1
87	12.4	11.2	16.8

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#44

Trichloroethene

Concen: 52.73 ug/l

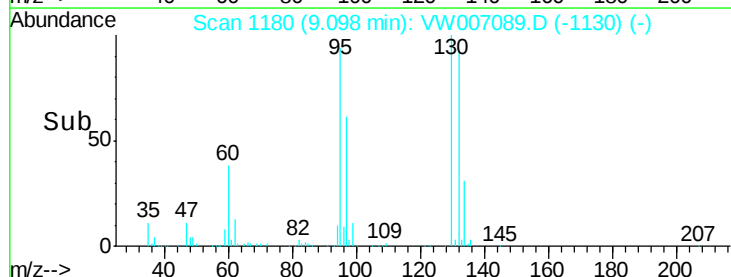
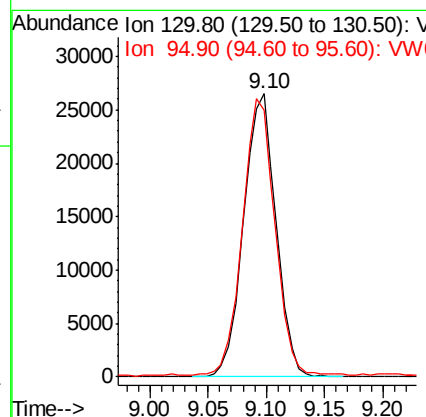
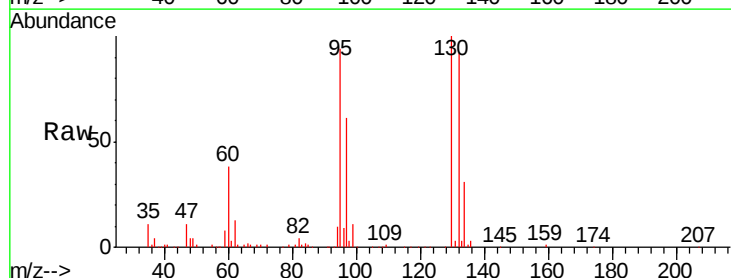
RT: 9.10 min Scan# 1180

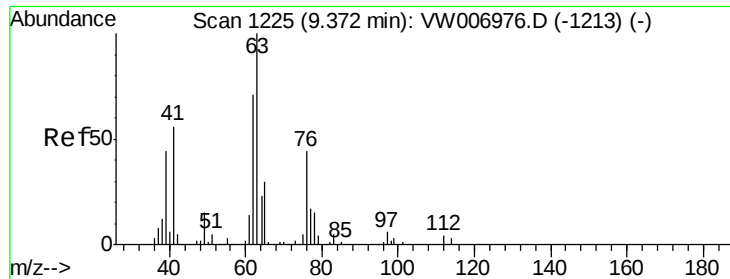
Delta R.T. 0.01 min

Lab File: VW007089.D

Acq: 27 Nov 2018 15:55

Tgt Ion:	130	Resp:	51389
Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	206.4





#45

1,2-Dichloropropane

Concen: 56.98 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW007089.D

Acq: 27 Nov 2018 15:55

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMSD

Tgt Ion: 63 Resp: 48828

Ion Ratio Lower Upper

63 100

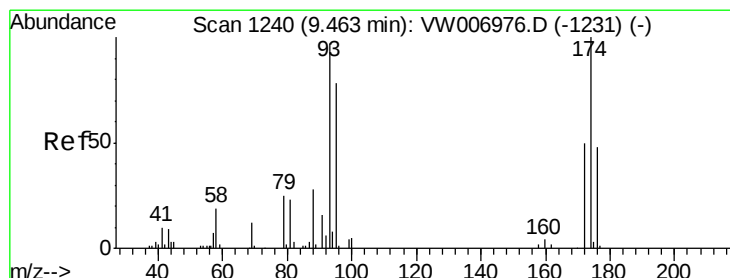
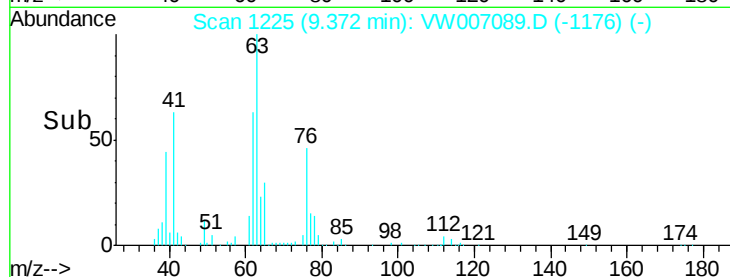
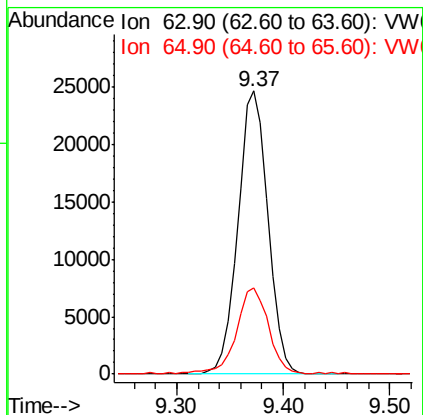
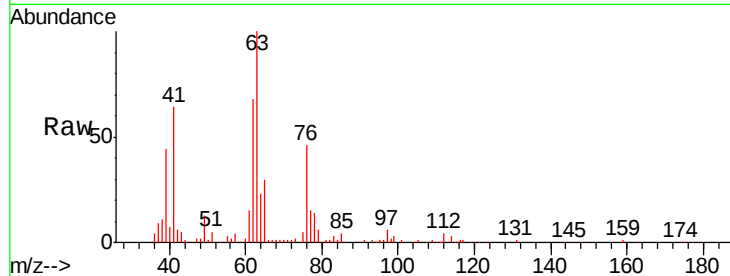
65 30.1 24.4 36.6

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#46

Dibromomethane

Concen: 61.75 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW007089.D

Acq: 27 Nov 2018 15:55

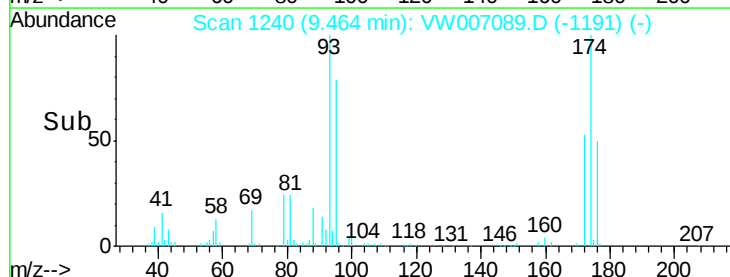
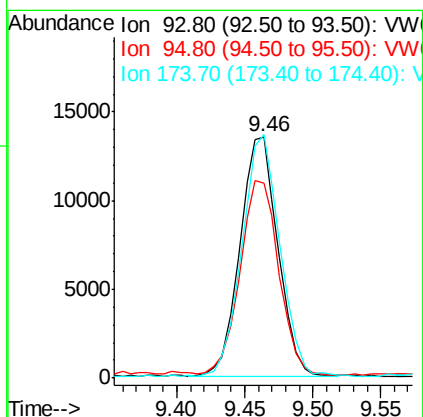
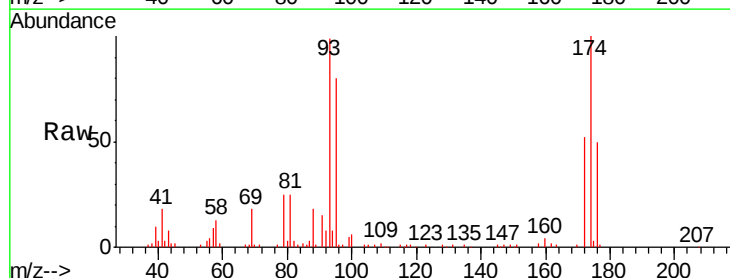
Tgt Ion: 93 Resp: 26500

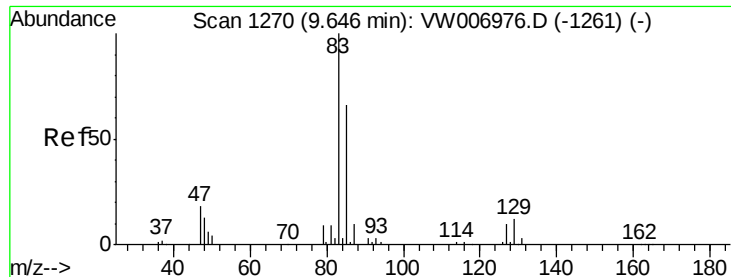
Ion Ratio Lower Upper

93 100

95 82.3 66.1 99.1

174 101.3 79.7 119.5





#47

Bromodichloromethane

Concen: 58.53 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW007089.D

Acq: 27 Nov 2018 15:55

Instrument :

MSVOA_W

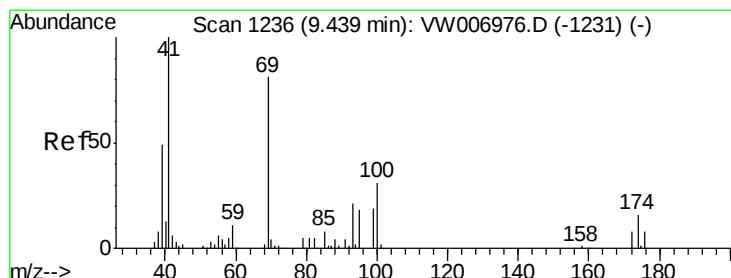
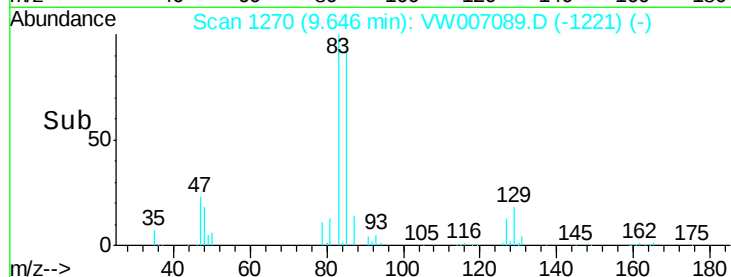
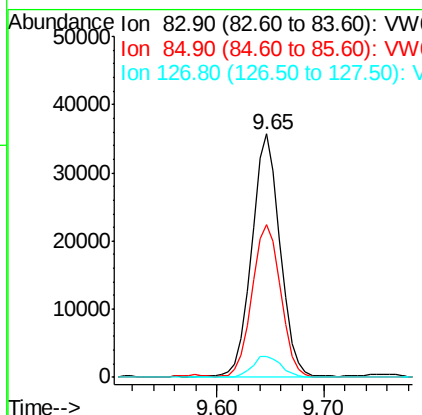
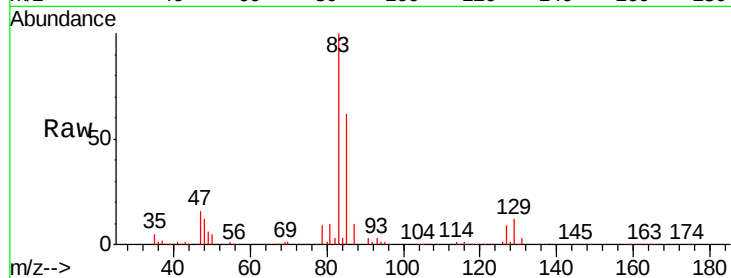
ClientSampleId :

NON-UST-03R-AMSD

Tgt Ion:	83	Resp:	66177
Ion	Ratio	Lower	Upper
83	100		
85	62.7	52.9	79.3
127	8.7	7.8	11.6

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#48

Methyl methacrylate

Concen: 74.36 ug/l

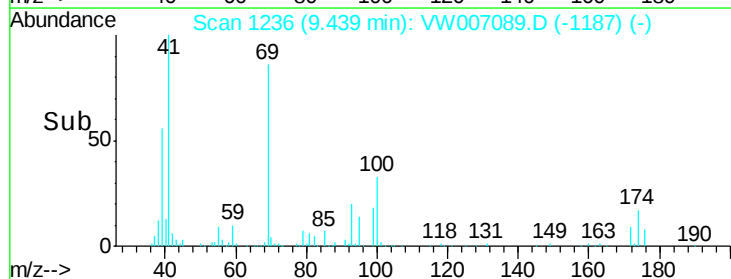
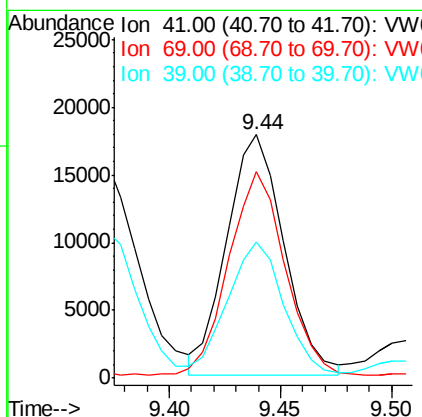
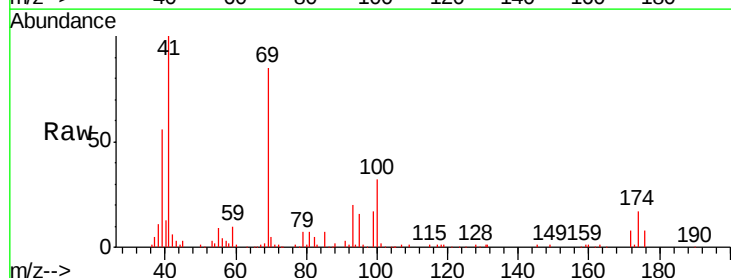
RT: 9.44 min Scan# 1236

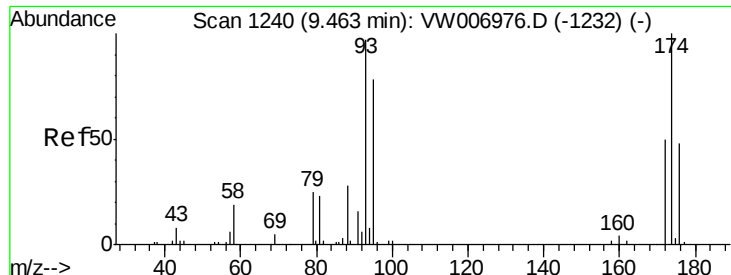
Delta R.T. 0.00 min

Lab File: VW007089.D

Acq: 27 Nov 2018 15:55

Tgt Ion:	41	Resp:	31888
Ion	Ratio	Lower	Upper
41	100		
69	85.0	71.4	107.0
39	56.5	44.8	67.2





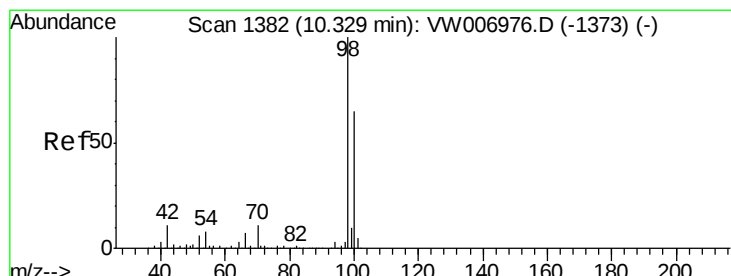
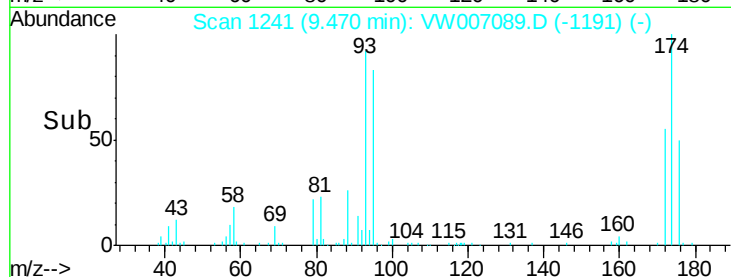
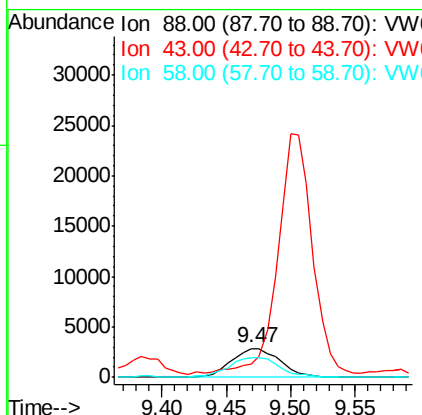
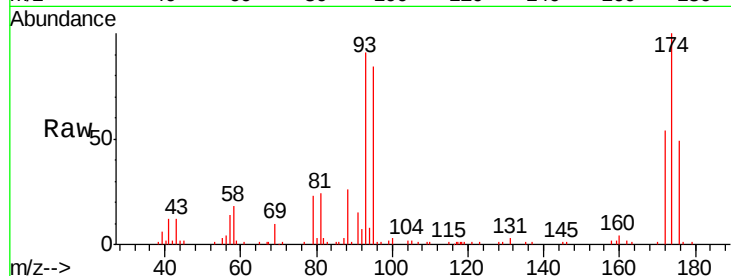
#49
1,4-Dioxane
Concen: 1168.35 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VW007089.D
Acq: 27 Nov 2018 15:55

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

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	74.4	59.0	88.6

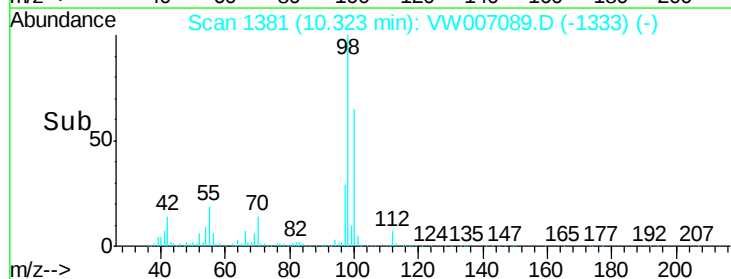
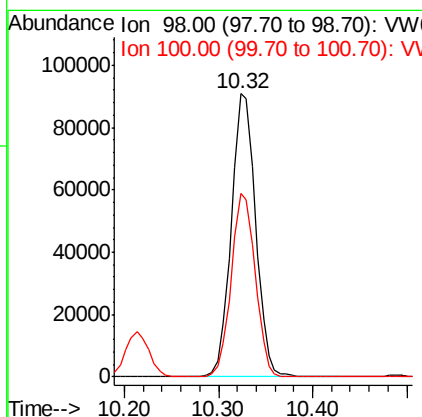
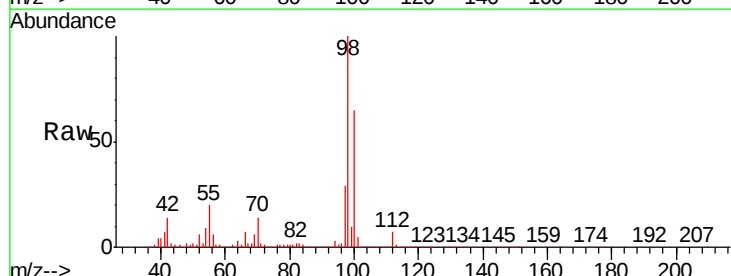
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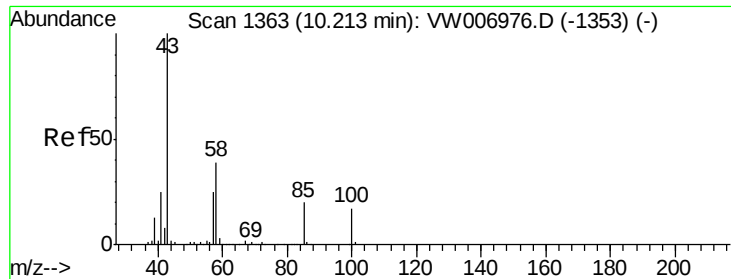
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#50
Toluene-d8
Concen: 49.71 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007089.D
Acq: 27 Nov 2018 15:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 339.72 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW007089.D

Acq: 27 Nov 2018 15:55

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMSD

Tgt Ion: 43 Resp: 152675

Ion Ratio Lower Upper

43 100

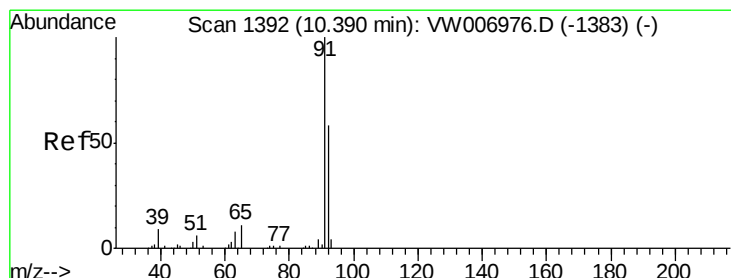
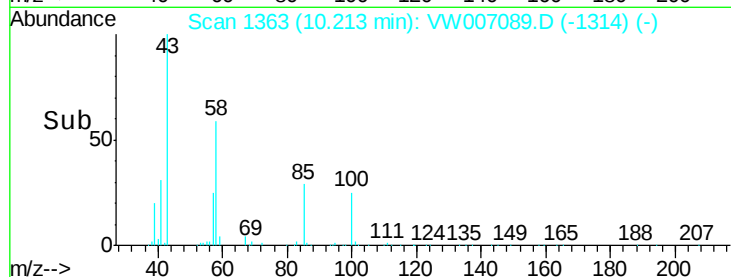
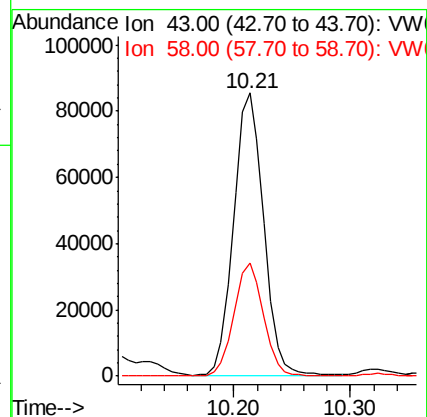
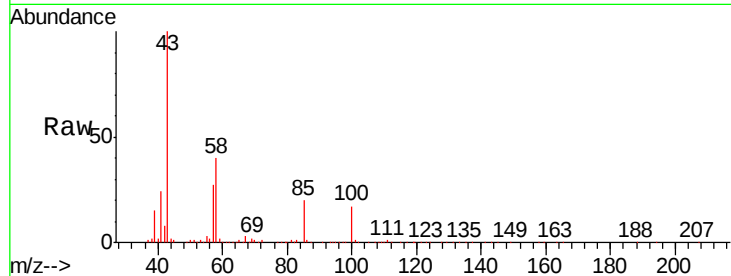
58 39.6 31.8 47.6

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#52

Toluene

Concen: 50.61 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007089.D

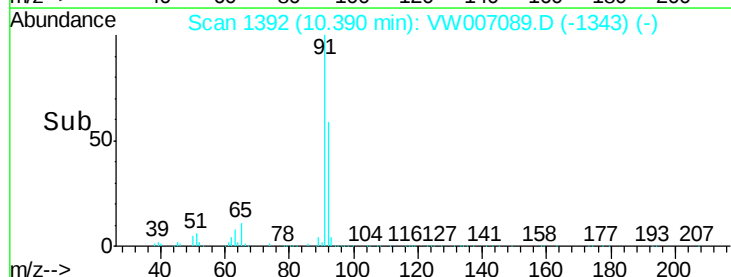
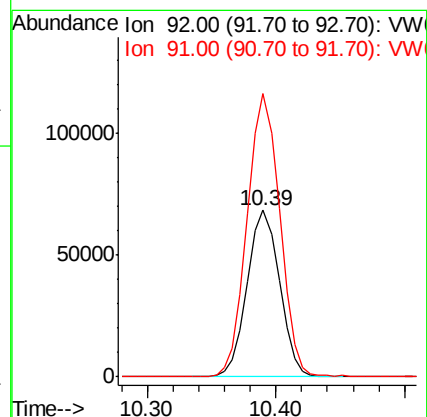
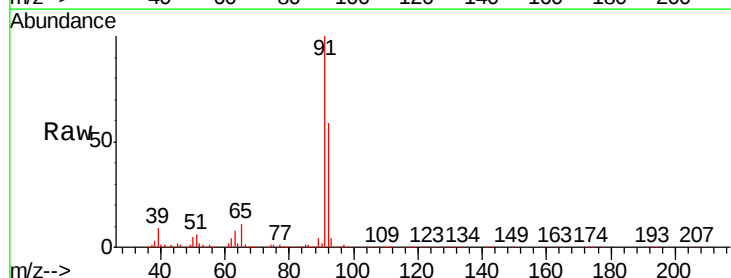
Acq: 27 Nov 2018 15:55

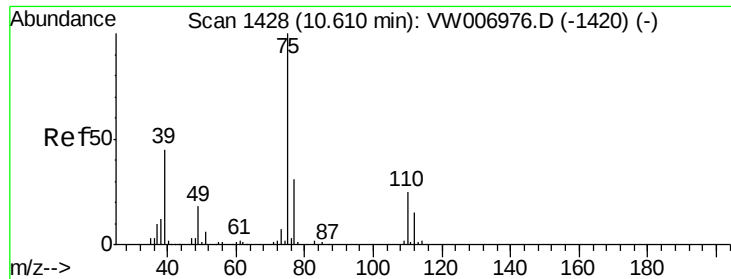
Tgt Ion: 92 Resp: 119740

Ion Ratio Lower Upper

92 100

91 169.4 137.3 205.9





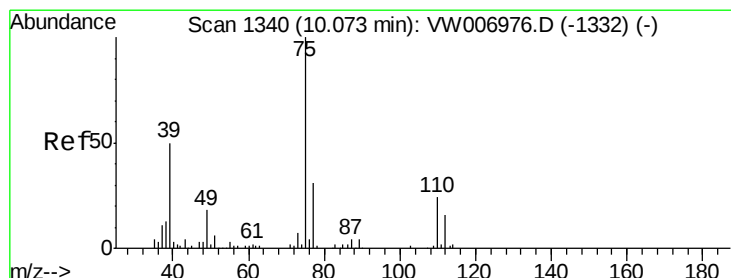
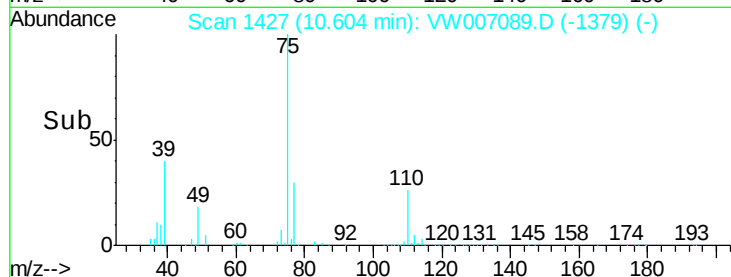
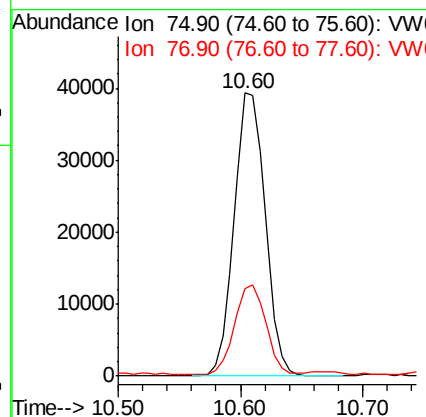
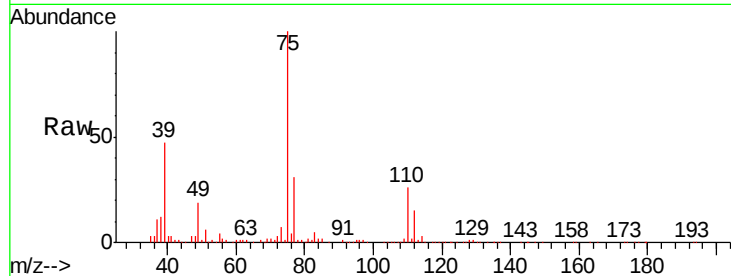
#53
 t-1,3-Dichloropropene
 Concen: 63.17 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: VW007089.D
 Acq: 27 Nov 2018 15:55

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

Tgt Ion: 75 Resp: 69187
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.7 37.1

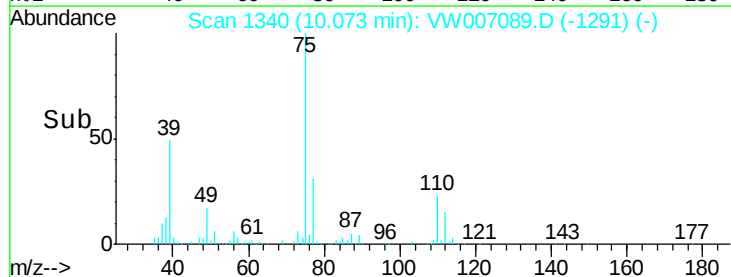
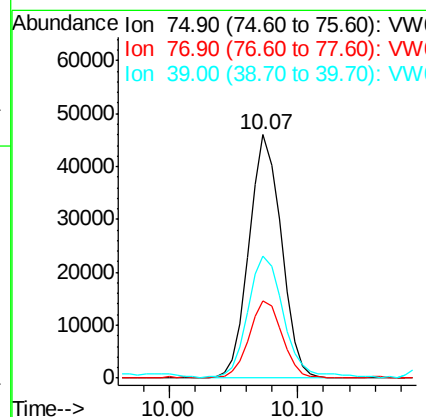
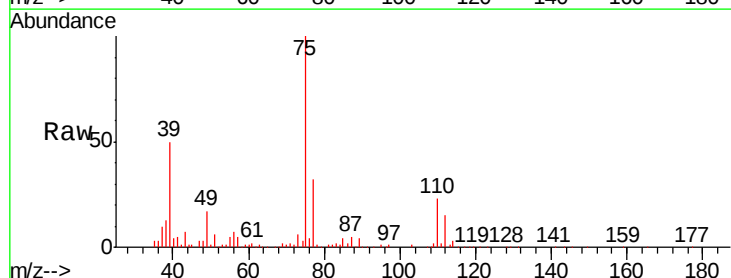
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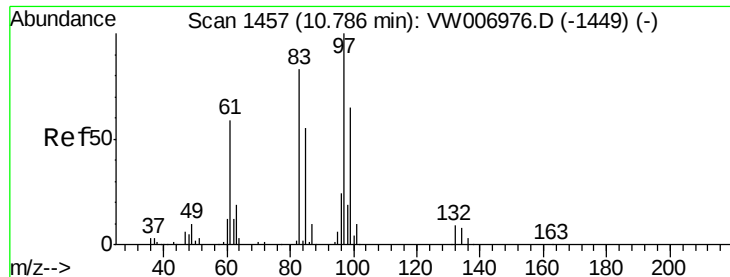
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#54
 cis-1,3-Dichloropropene
 Concen: 60.12 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW007089.D
 Acq: 27 Nov 2018 15:55

Tgt Ion: 75 Resp: 79558
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.0 37.6
 39 49.7 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 90.96 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW007089.D

Acq: 27 Nov 2018 15:55

Instrument :

MSVOA_W

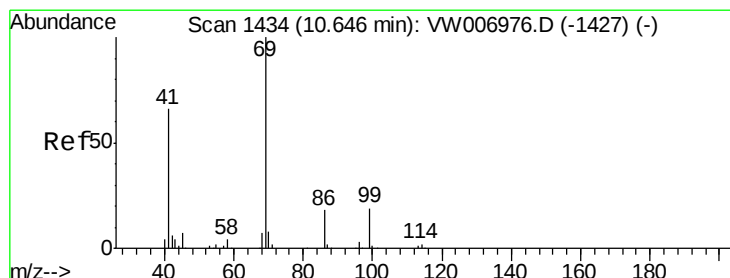
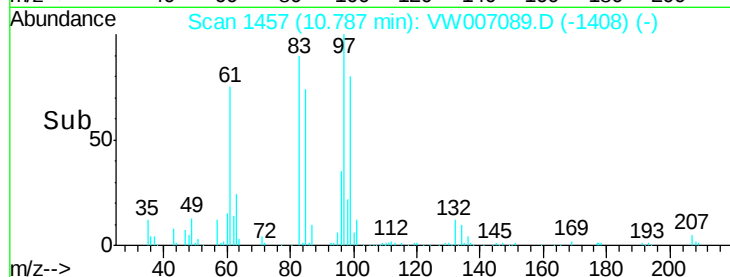
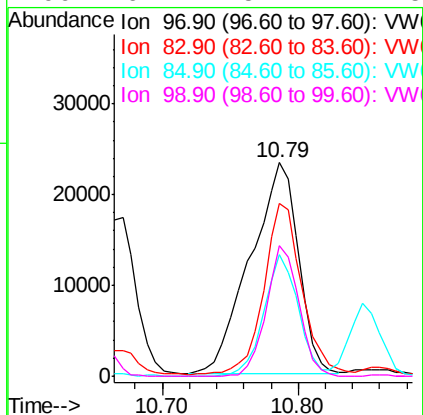
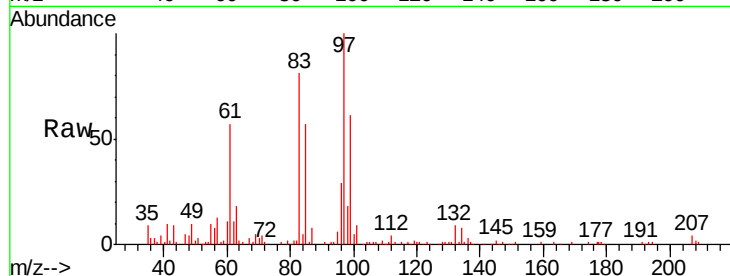
ClientSampleId :

NON-UST-03R-AMSD

Tgt Ion:	97	Resp:	57429
Ion	Ratio	Lower	Upper
97	100		
83	81.5	66.4	99.6
85	57.6	44.1	66.1
99	62.1	51.7	77.5

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#56

Ethyl methacrylate

Concen: 87.50 ug/l

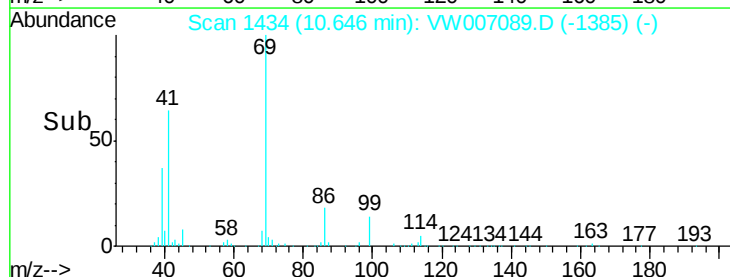
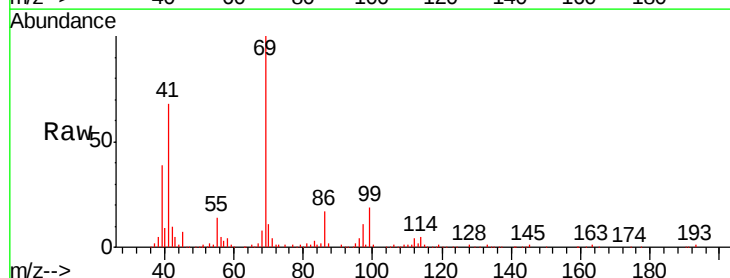
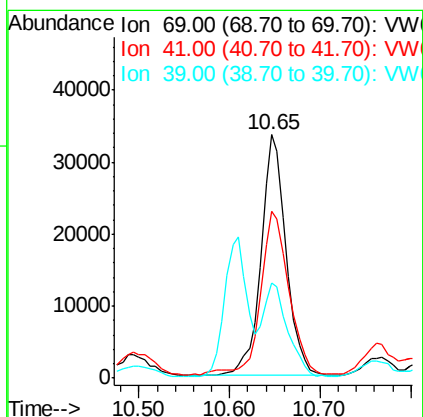
RT: 10.65 min Scan# 1434

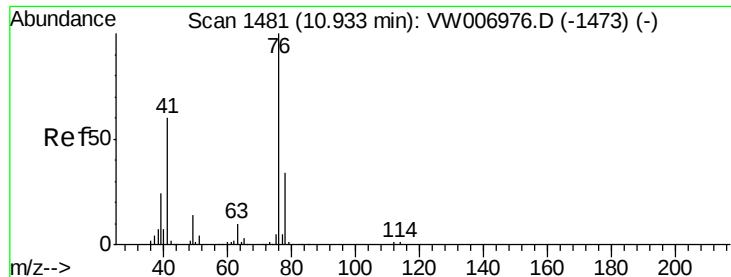
Delta R.T. 0.00 min

Lab File: VW007089.D

Acq: 27 Nov 2018 15:55

Tgt Ion:	69	Resp:	64130
Ion	Ratio	Lower	Upper
69	100		
41	76.9	53.4	80.0
39	38.0	28.2	42.4





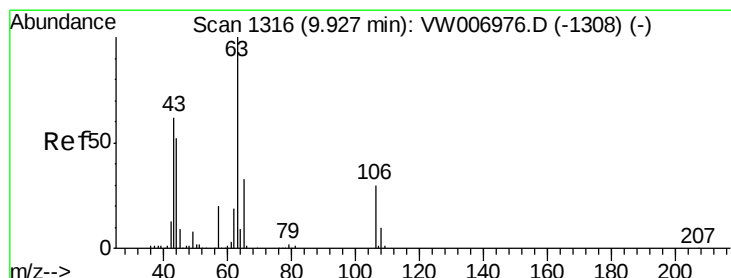
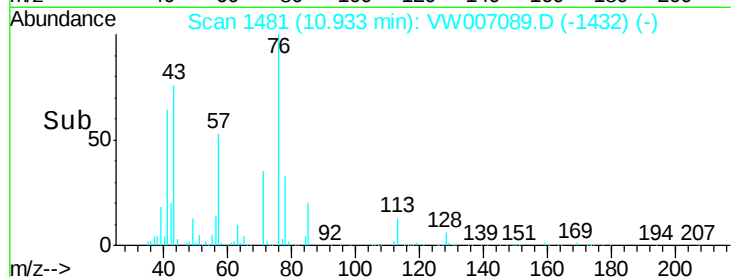
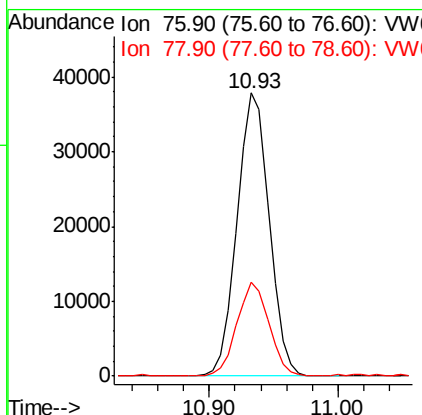
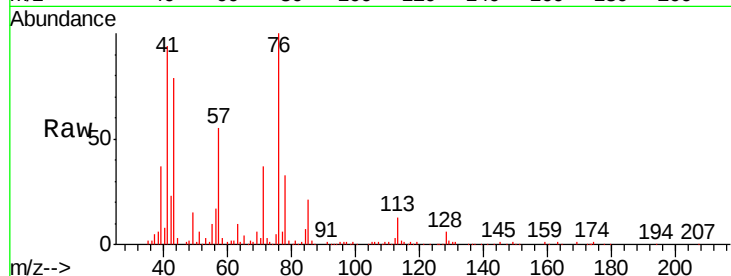
#57
 1,3-Dichloropropane
 Concen: 61.61 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW007089.D
 Acq: 27 Nov 2018 15:55

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

Tgt Ion: 76 Resp: 65192
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.8 38.6

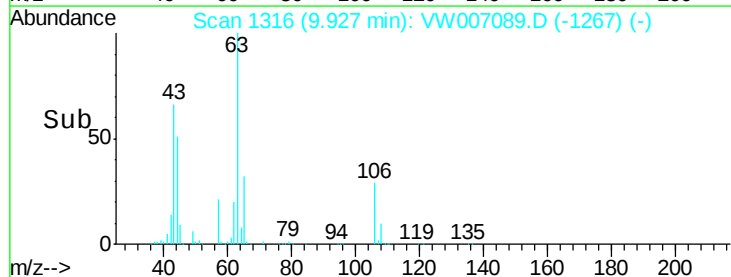
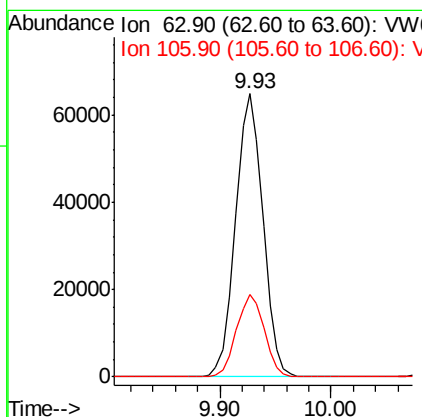
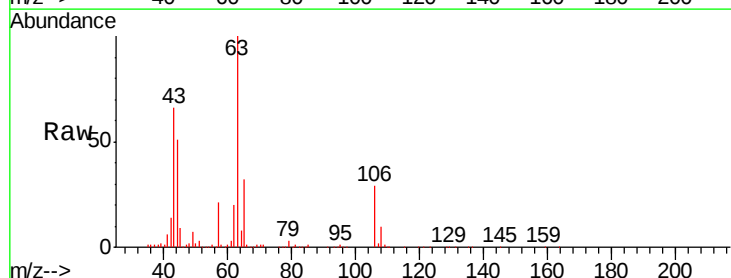
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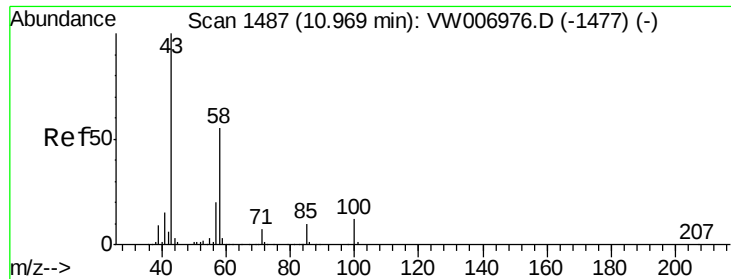
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#58
 2-Chloroethyl Vinyl ether
 Concen: 287.85 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW007089.D
 Acq: 27 Nov 2018 15:55

Tgt Ion: 63 Resp: 110235
 Ion Ratio Lower Upper
 63 100
 106 29.6 23.5 35.3





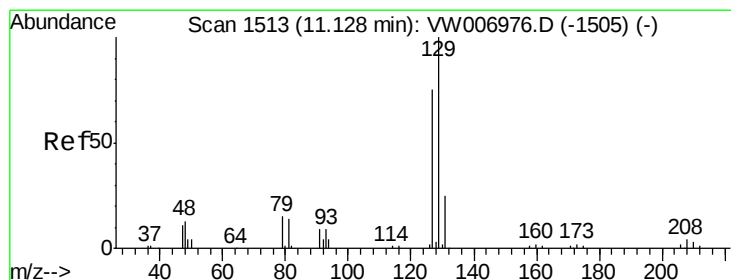
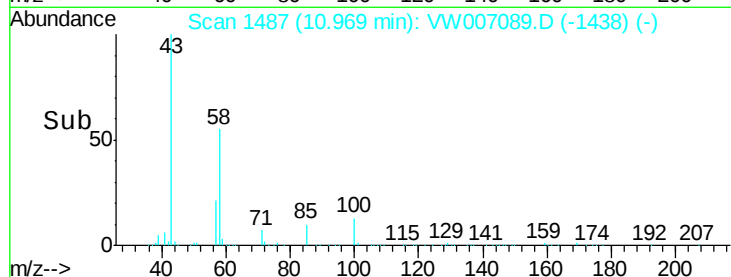
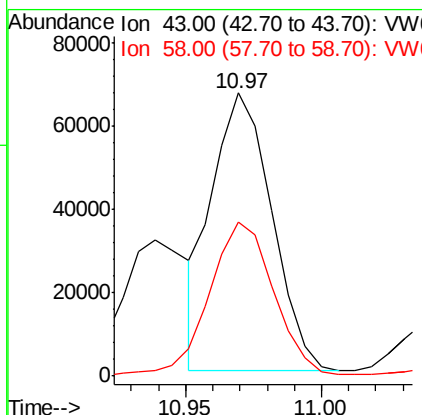
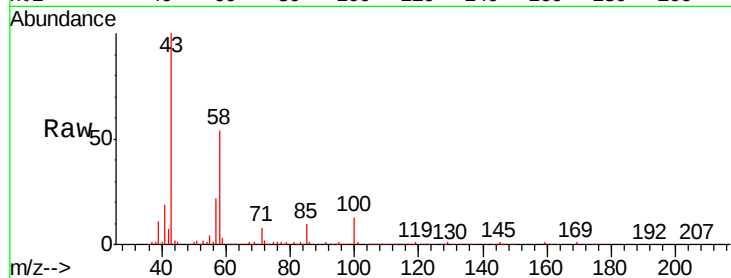
#59
2-Hexanone
Concen: 331.62 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW007089.D
Acq: 27 Nov 2018 15:55

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

Tgt Ion: 43 Resp: 102059
Ion Ratio Lower Upper
43 100
58 60.6 27.3 81.8

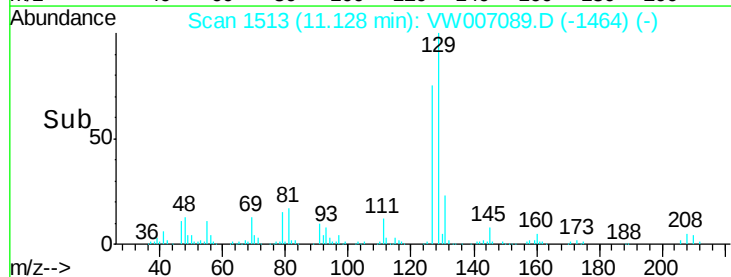
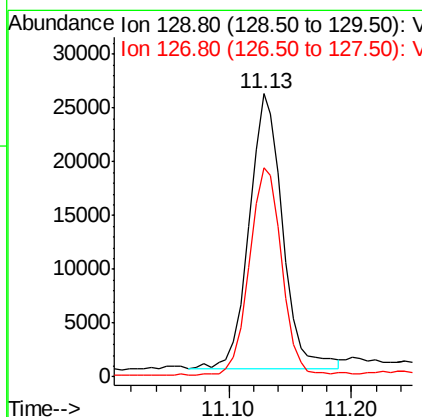
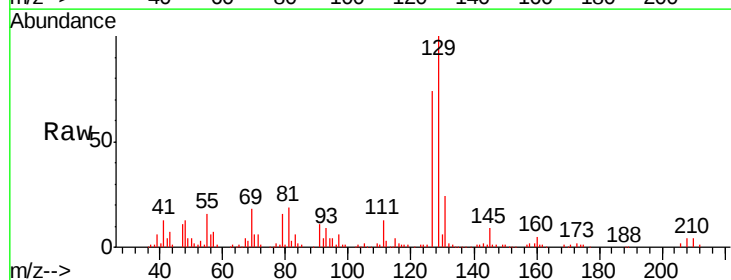
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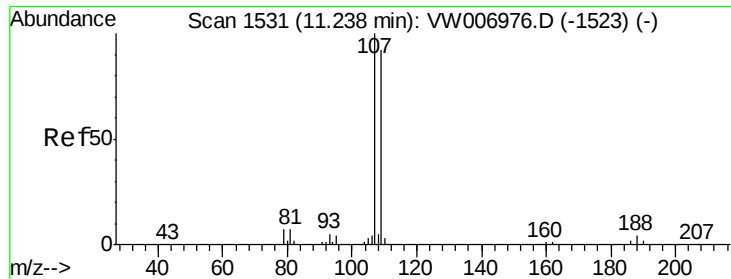
apatel
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#60
Dibromochloromethane
Concen: 67.56 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW007089.D
Acq: 27 Nov 2018 15:55

Tgt Ion: 129 Resp: 48602
Ion Ratio Lower Upper
129 100
127 72.4 38.3 114.8





#61

1,2-Dibromoethane

Concen: 63.26 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW007089.D

Acq: 27 Nov 2018 15:55

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMSD

Tgt Ion: 107 Resp: 36536

Ion Ratio Lower Upper

107 100

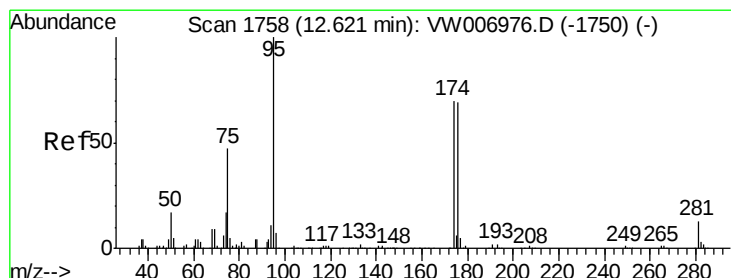
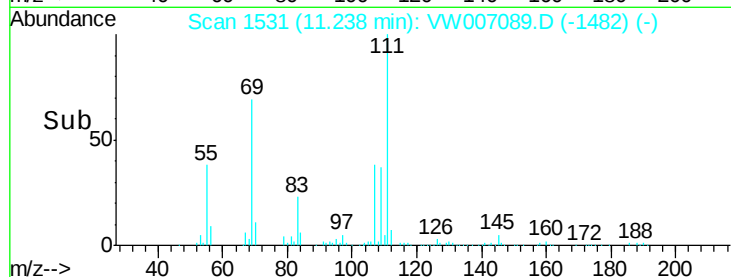
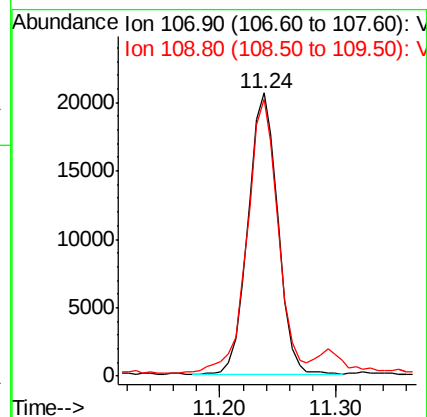
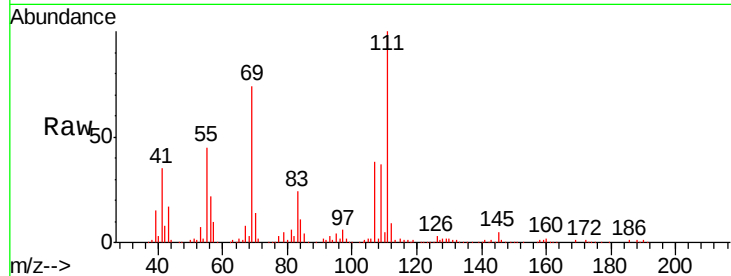
109 100.4 75.1 112.7

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#62

4-Bromofluorobenzene

Concen: 45.87 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007089.D

Acq: 27 Nov 2018 15:55

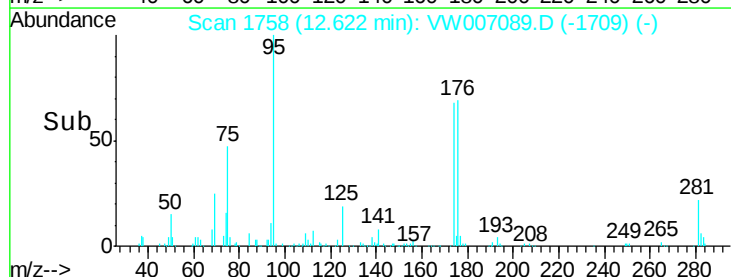
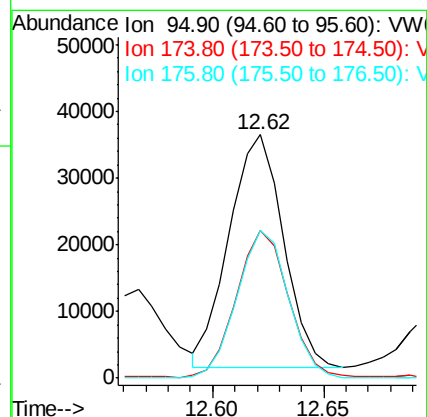
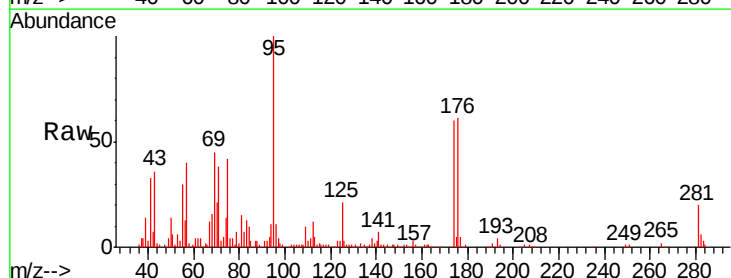
Tgt Ion: 95 Resp: 59324

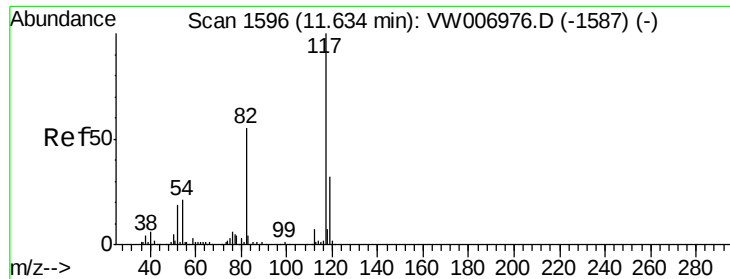
Ion Ratio Lower Upper

95 100

174 60.6 0.0 143.6

176 60.5 0.0 140.4





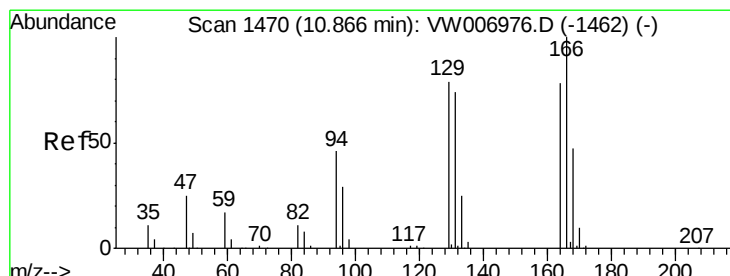
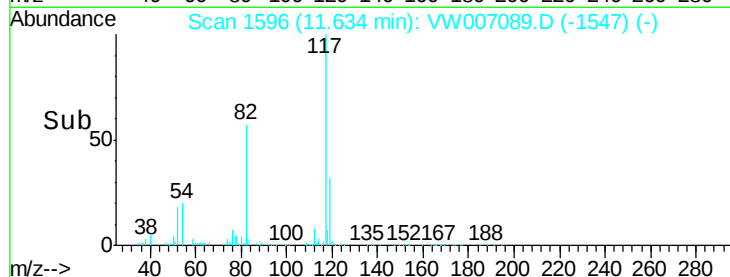
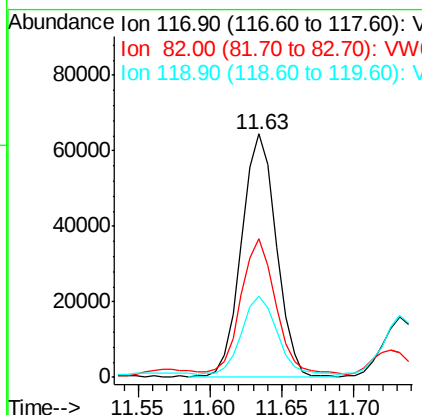
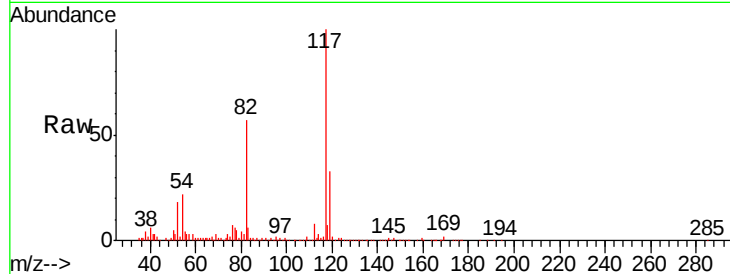
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007089.D
Acq: 27 Nov 2018 15:55

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

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	107113		
82	55.5	44.2	66.2	
119	31.9	25.9	38.9	

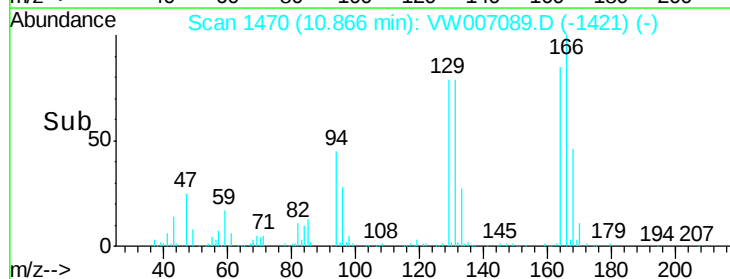
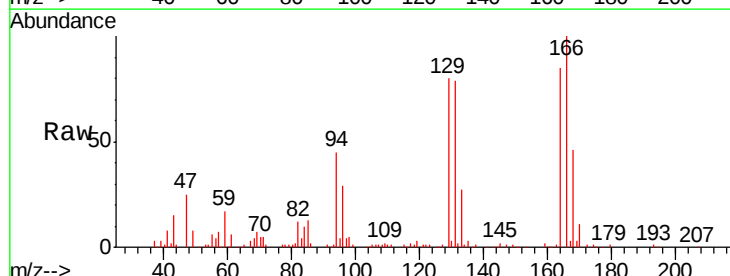
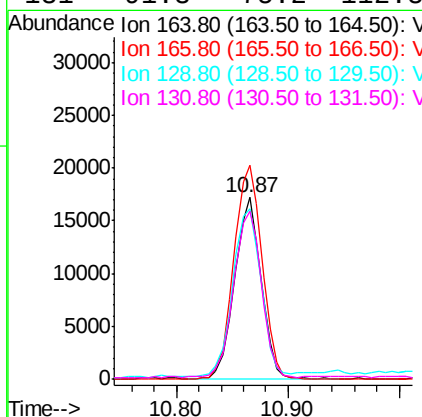
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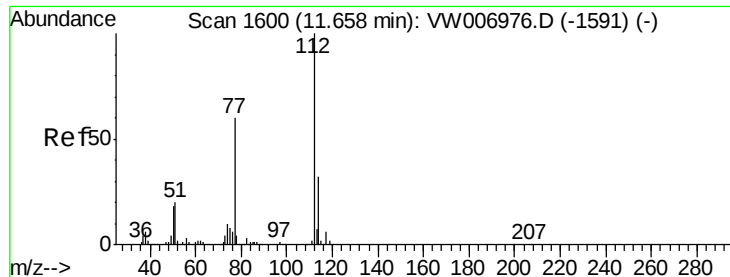
apatel
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#64
Tetrachloroethene
Concen: 41.05 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW007089.D
Acq: 27 Nov 2018 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	28290		
166	117.6	102.1	153.1	
129	92.7	80.4	120.6	
131	91.3	75.2	112.8	





#65

Chlorobenzene

Concen: 54.59 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW007089.D

Acq: 27 Nov 2018 15:55

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMSD

Tgt Ion:112 Resp: 122036

Ion Ratio Lower Upper

112 100

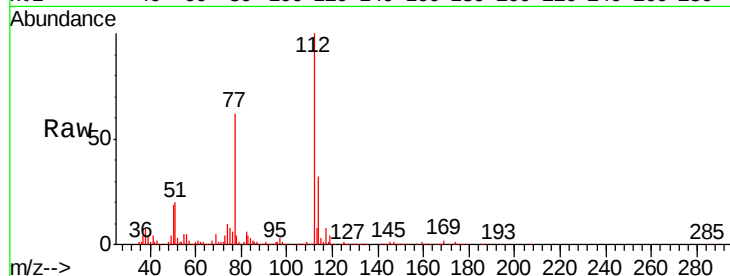
114 32.0 25.8 38.8

Manual Integrations

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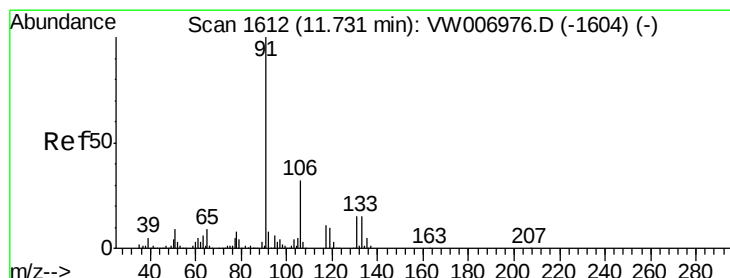
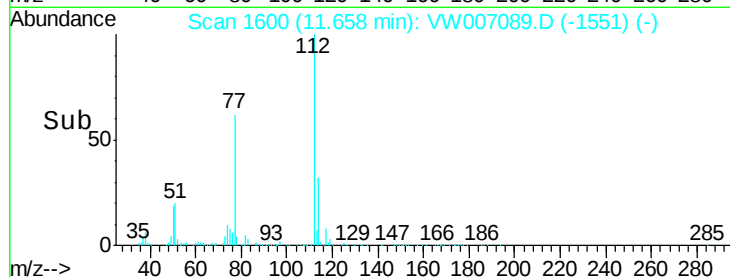
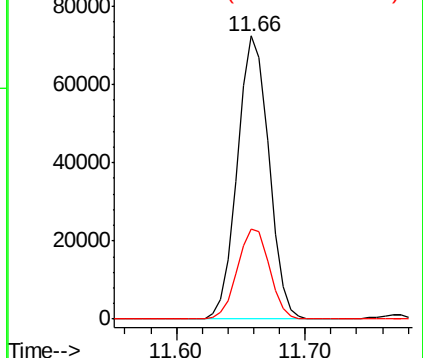
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 59.24 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW007089.D

Acq: 27 Nov 2018 15:55

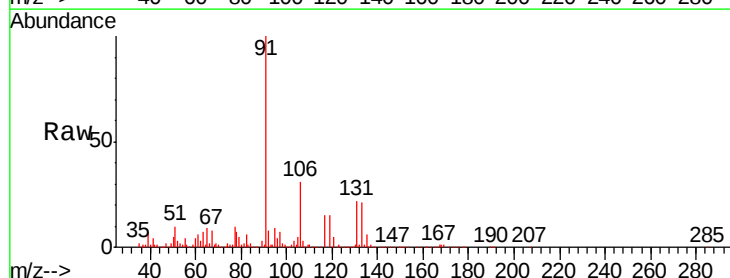
Tgt Ion:131 Resp: 40064

Ion Ratio Lower Upper

131 100

133 94.6 47.7 143.1

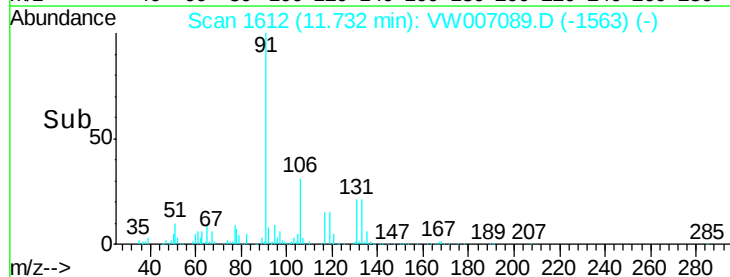
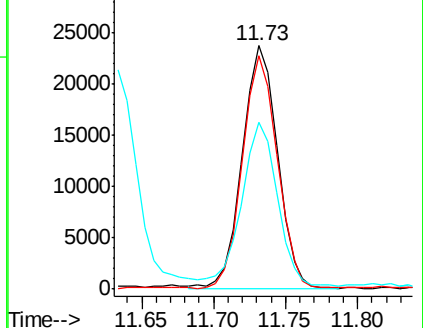
119 68.4 31.8 95.3

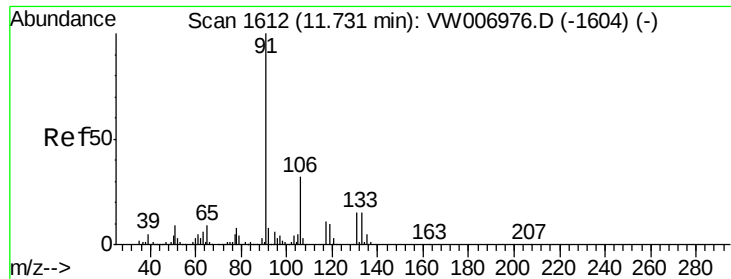


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





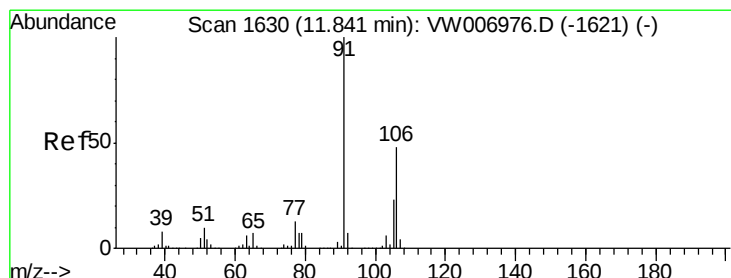
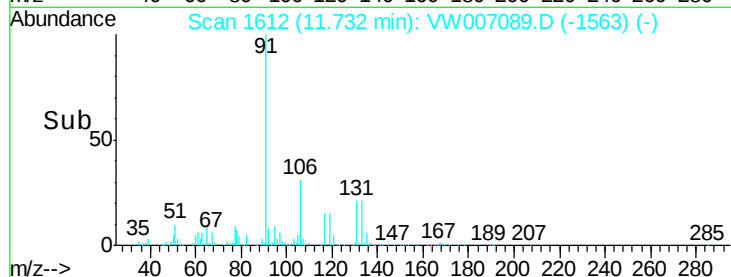
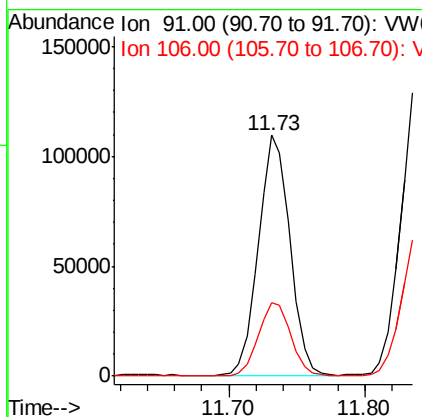
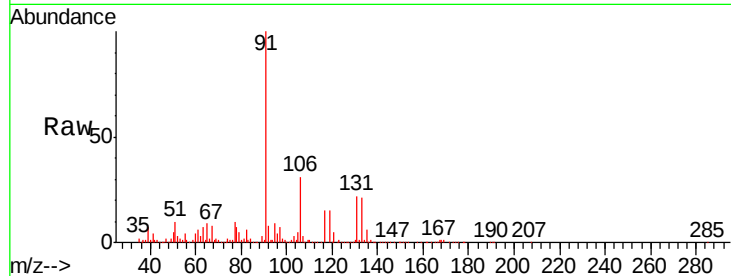
#67
Ethyl Benzene
Concen: 43.10 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007089.D
Acq: 27 Nov 2018 15:55

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

Tgt Ion: 91 Resp: 176991
Ion Ratio Lower Upper
91 100
106 30.7 25.4 38.2

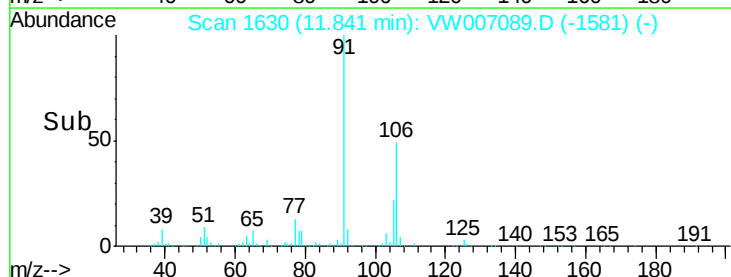
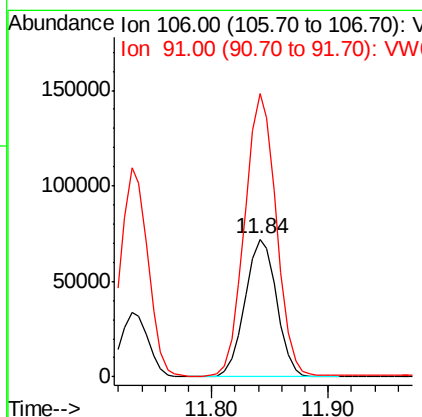
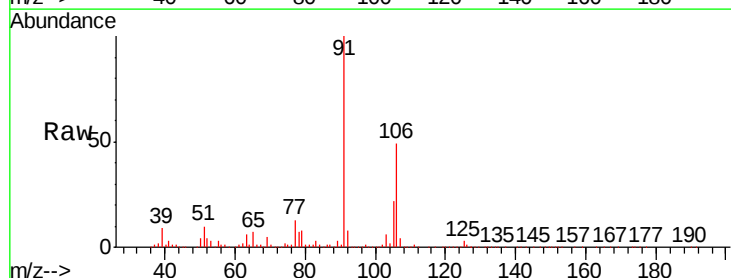
Manual Integrations
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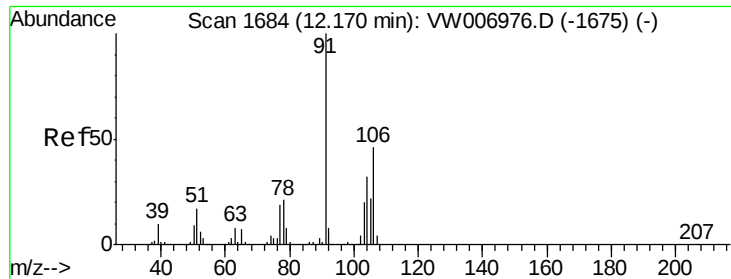
apatel
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#68
m/p-Xylenes
Concen: 84.59 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW007089.D
Acq: 27 Nov 2018 15:55

Tgt Ion: 106 Resp: 136306
Ion Ratio Lower Upper
106 100
91 204.3 164.8 247.2





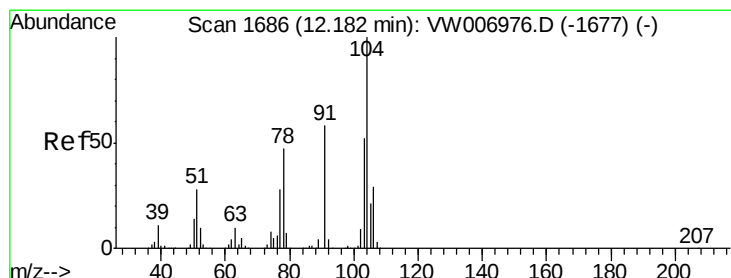
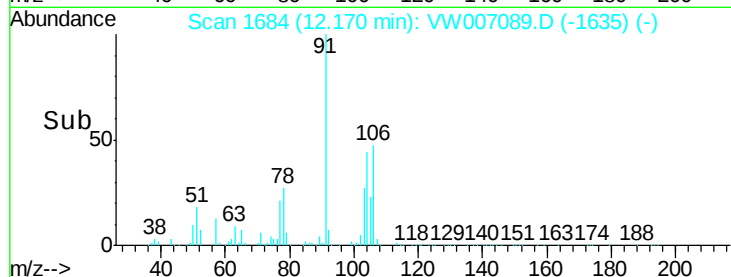
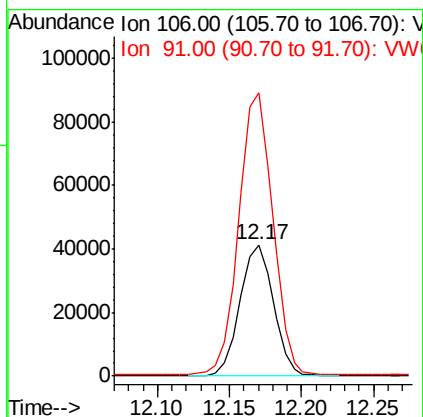
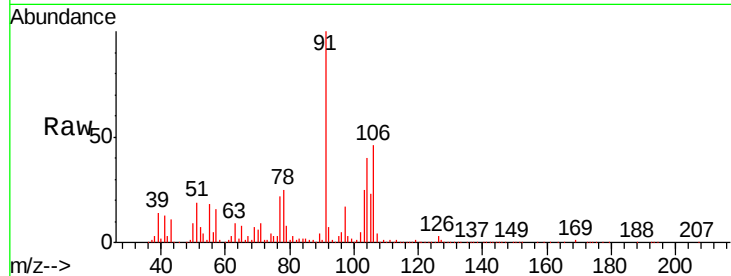
#69
o-Xylene
Concen: 44.15 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007089.D
Acq: 27 Nov 2018 15:55

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

Tgt Ion:106 Resp: 67074
Ion Ratio Lower Upper
106 100
91 216.3 107.9 323.8

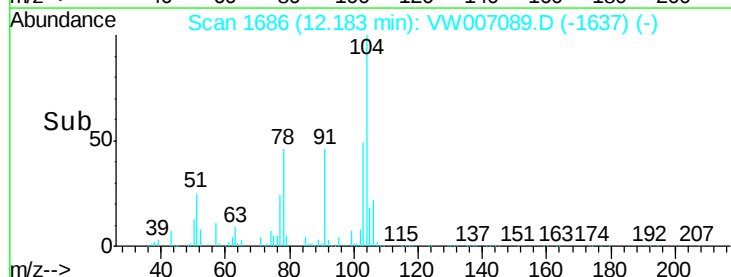
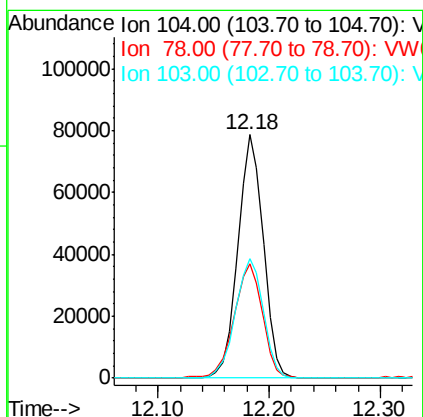
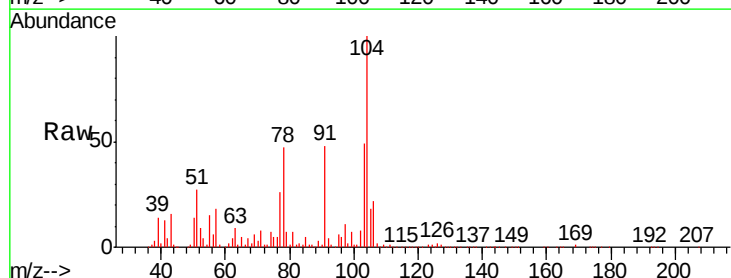
Manual Integrations
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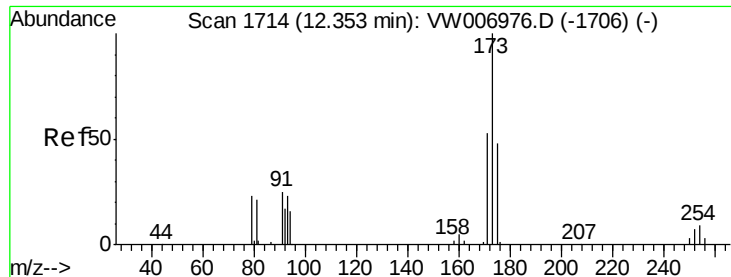
apatel
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#70
Styrene
Concen: 51.45 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007089.D
Acq: 27 Nov 2018 15:55

Tgt Ion:104 Resp: 124408
Ion Ratio Lower Upper
104 100
78 51.8 41.8 62.8
103 54.3 44.4 66.6





#71

Bromoform

Concen: 72.46 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW007089.D

Acq: 27 Nov 2018 15:55

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMSD

Tgt Ion:173 Resp: 23084

Ion Ratio Lower Upper

173 100

175 49.1 24.0 72.0

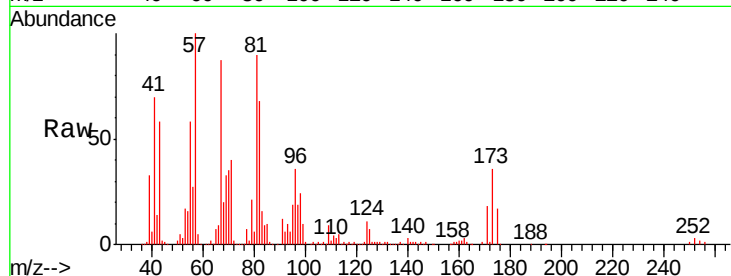
254 0.0 0.0 0.0

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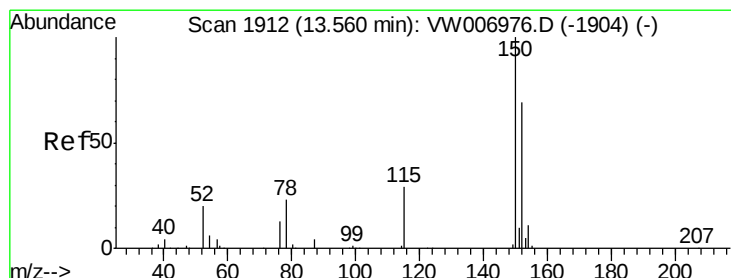
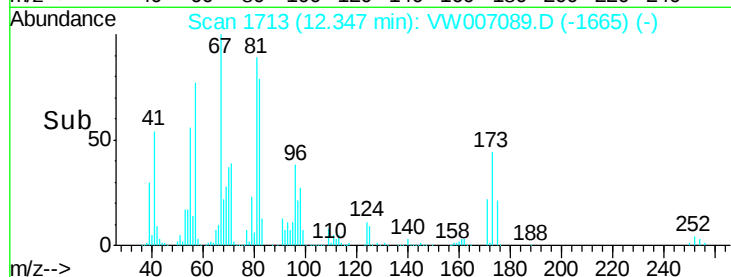
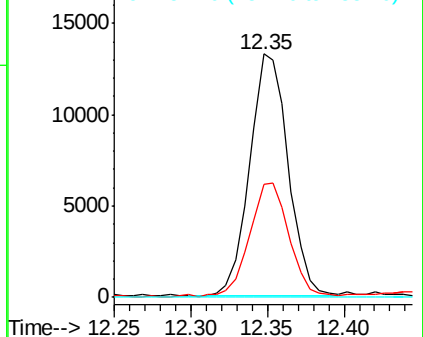
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW007089.D

Acq: 27 Nov 2018 15:55

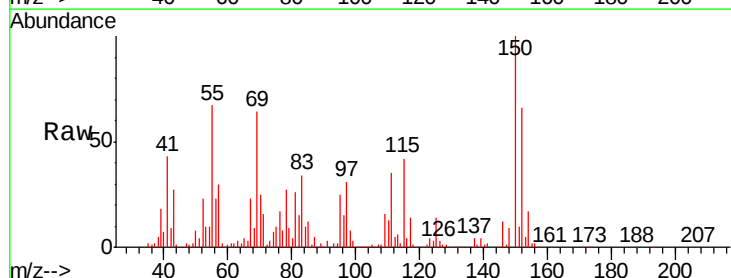
Tgt Ion:152 Resp: 37937

Ion Ratio Lower Upper

152 100

115 54.6 31.4 94.2

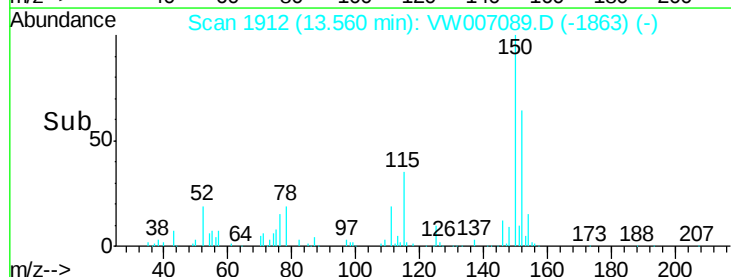
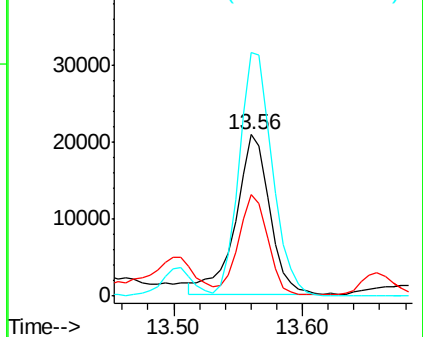
150 147.7 0.0 353.4

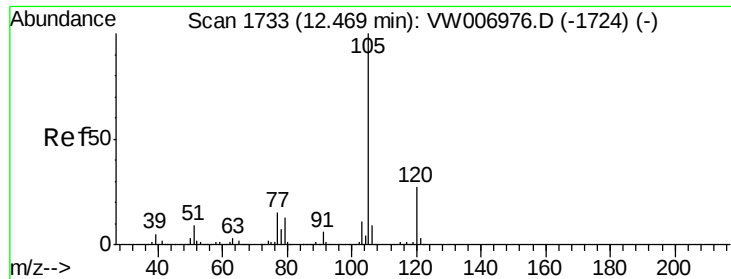


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 100.38 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW007089.D

Acq: 27 Nov 2018 15:55

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMSD

Tgt Ion: 105 Resp: 295972

Ion Ratio Lower Upper

105 100

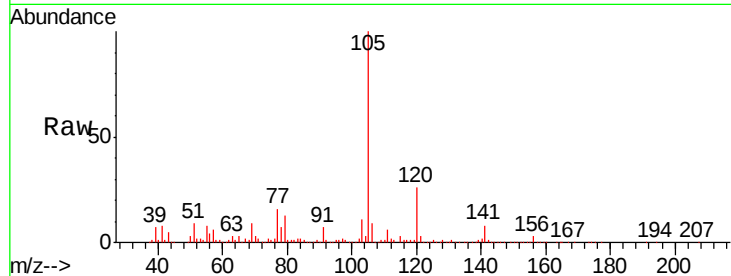
120 25.7 13.3 39.8

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

50000

0

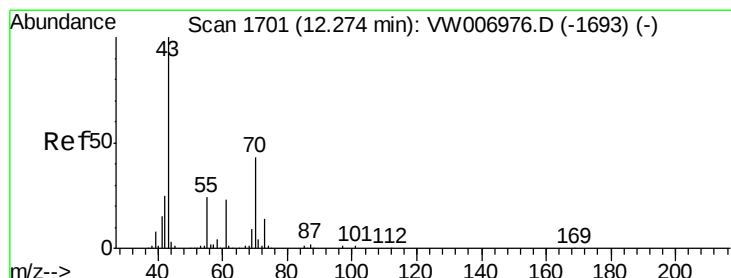
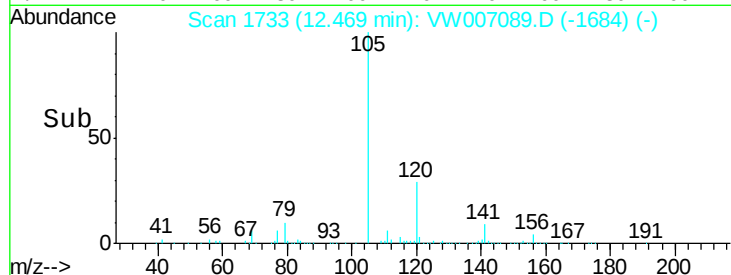
12.47

12.40

12.50

12.60

Time-->



#74

N-ethyl acetate

Concen: 266.98 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW007089.D

Acq: 27 Nov 2018 15:55

Tgt Ion: 43 Resp: 131926

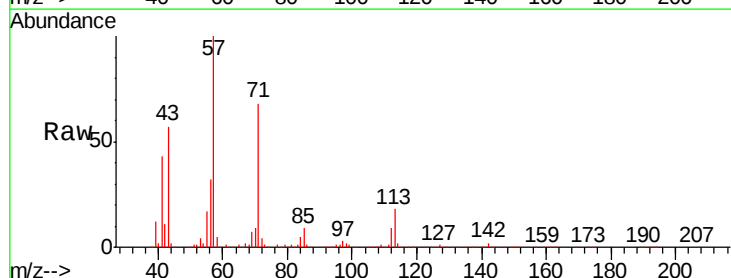
Ion Ratio Lower Upper

43 100

70 27.8 34.0 51.0#

55 8.8 19.4 29.0#

61 10.3 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

100000

80000

60000

40000

20000

0

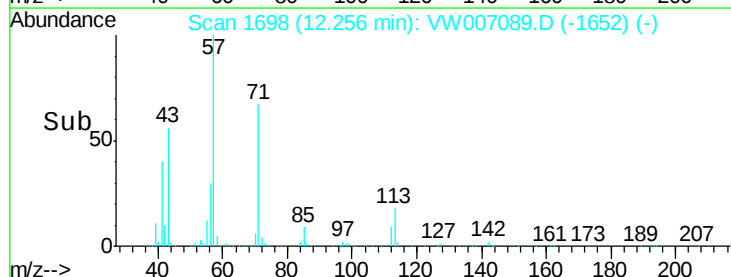
12.26

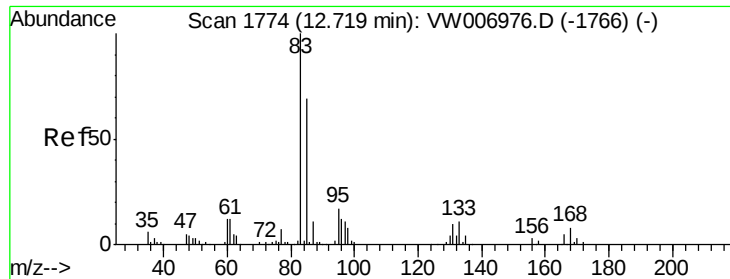
12.20

12.25

12.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 132.08 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW007089.D

Acq: 27 Nov 2018 15:55

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMSD

Tgt Ion: 83 Resp: 51827
Ion Ratio Lower Upper

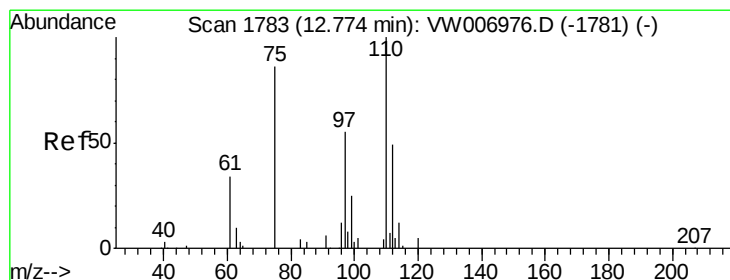
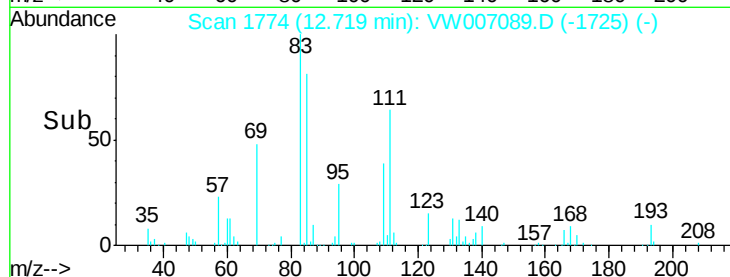
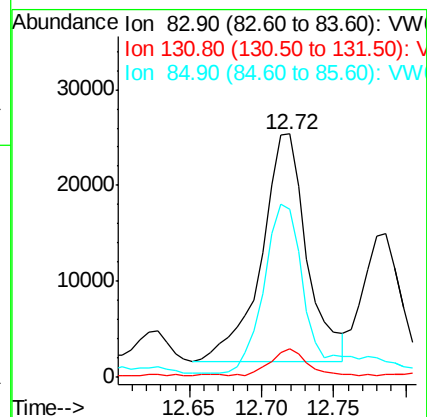
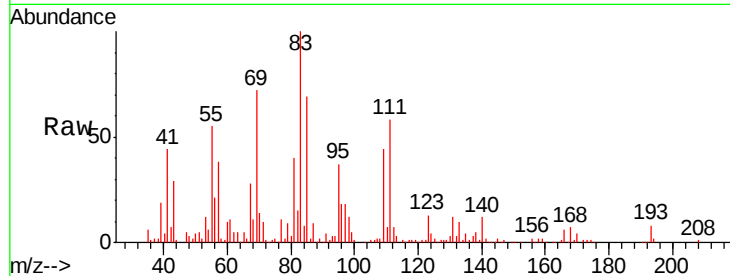
83 100

131 9.2 5.7 17.1

85 75.1 33.1 99.2

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#76

1,2,3-Trichloropropane

Concen: 101.29 ug/l m

RT: 12.77 min Scan# 1782

Delta R.T. -0.01 min

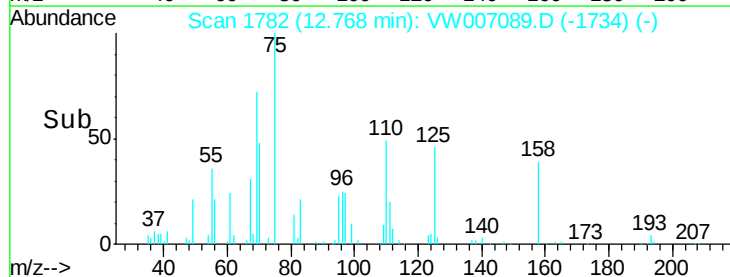
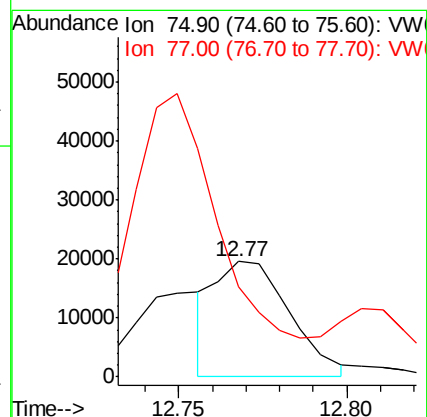
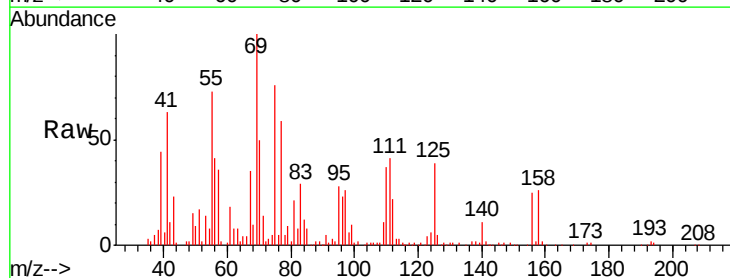
Lab File: VW007089.D

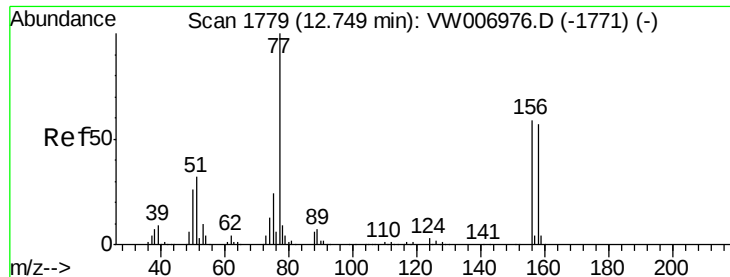
Acq: 27 Nov 2018 15:55

Tgt Ion: 75 Resp: 30194
Ion Ratio Lower Upper

75 100

77 309.1 0.0 0.0#





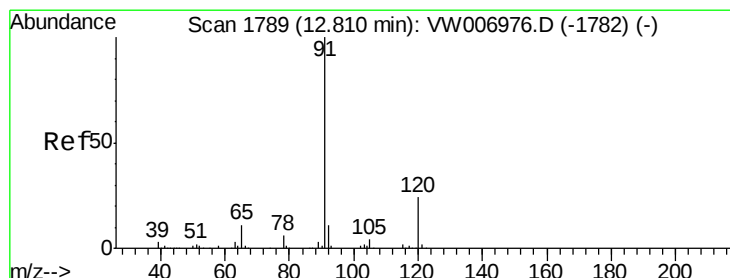
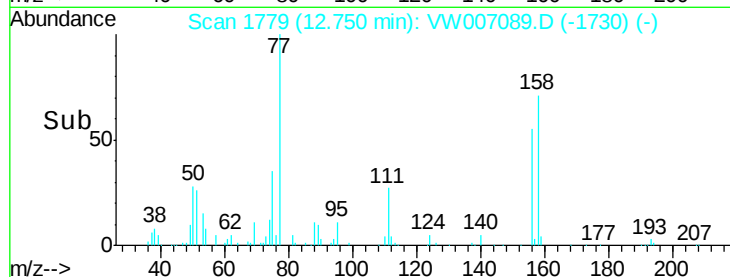
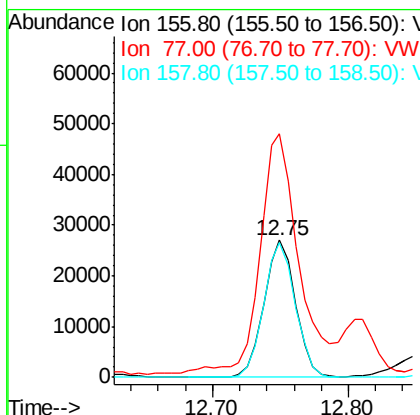
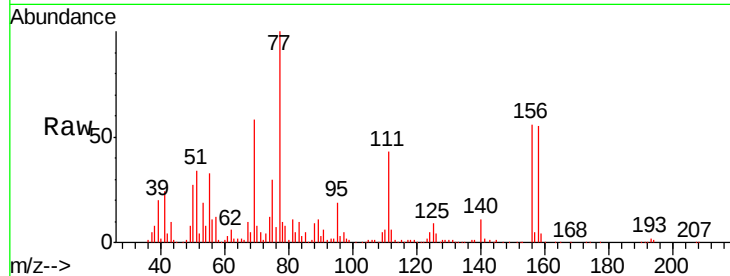
#77
Bromobenzene
Concen: 69.52 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW007089.D
Acq: 27 Nov 2018 15:55

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

Tgt Ion	Ratio	Lower	Upper
156	100		
77	212.0	94.6	283.8
158	98.2	48.9	146.7

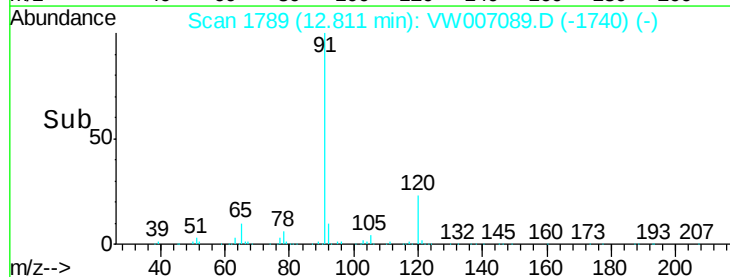
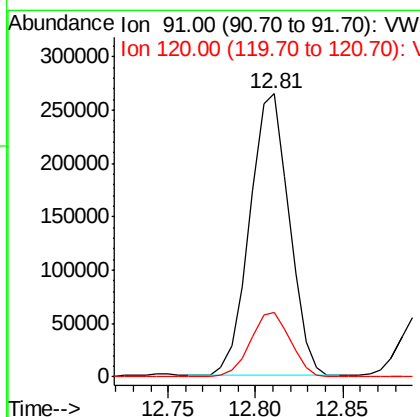
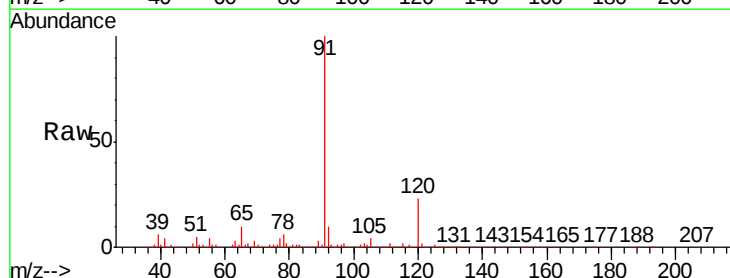
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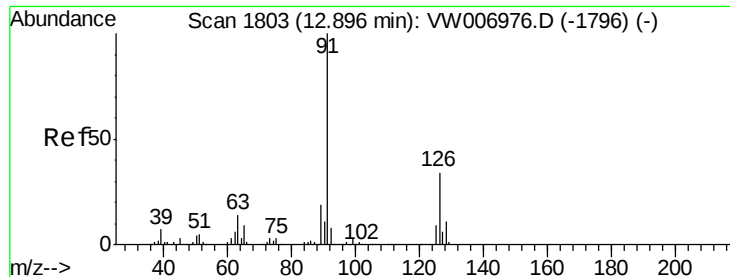
apatel
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#78
n-propylbenzene
Concen: 115.82 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW007089.D
Acq: 27 Nov 2018 15:55

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.7	35.1





#79

2-Chlorotoluene

Concen: 47.93 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW007089.D

Acq: 27 Nov 2018 15:55

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMSD

Tgt Ion: 91 Resp: 98696

Ion Ratio Lower Upper

91 100

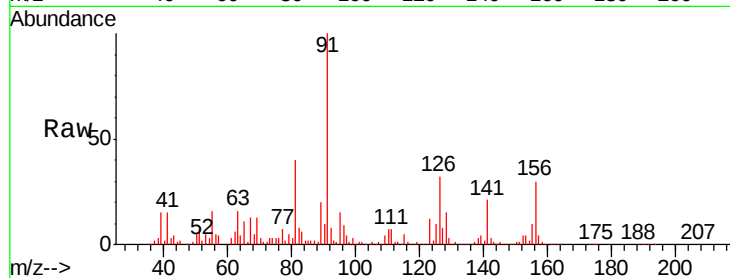
126 35.1 16.7 50.0

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

300000

250000

200000

150000

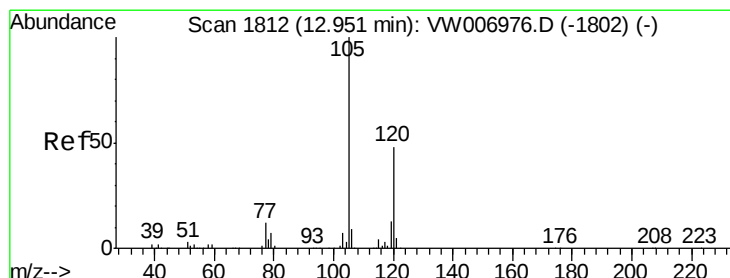
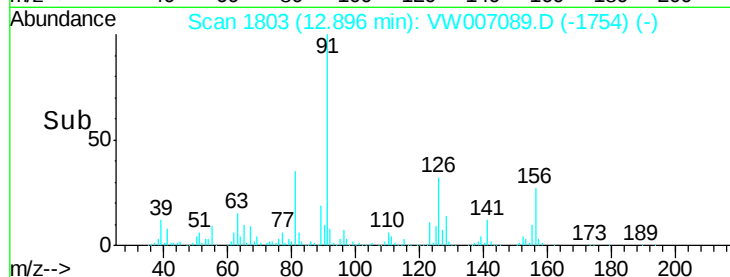
100000

50000

0

12.85 12.90 12.95

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 34.66 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW007089.D

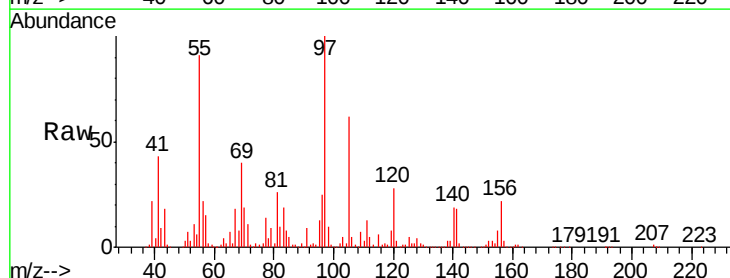
Acq: 27 Nov 2018 15:55

Tgt Ion: 105 Resp: 88361

Ion Ratio Lower Upper

105 100

120 46.7 23.8 71.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

60000

50000

40000

30000

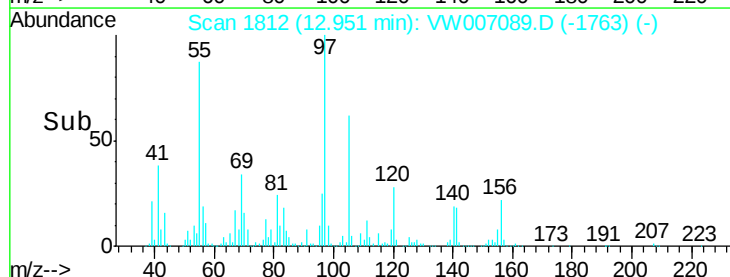
20000

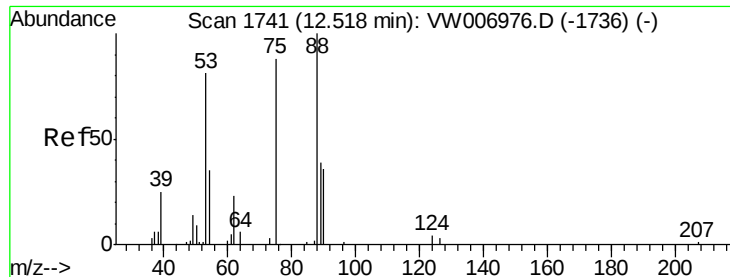
10000

0

12.90 12.95 13.00

Time-->





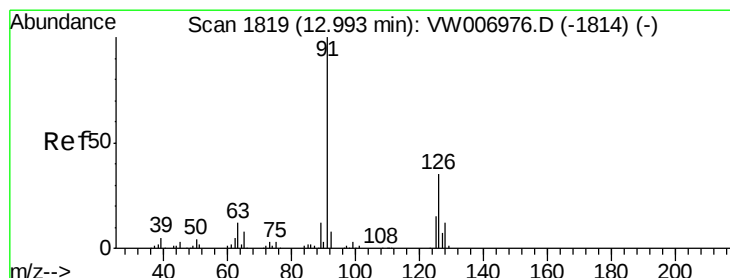
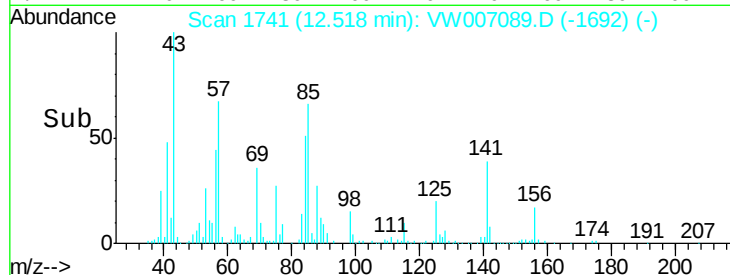
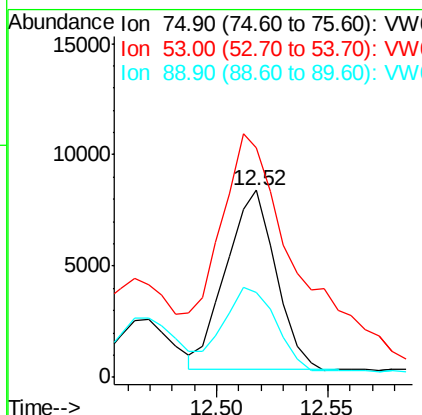
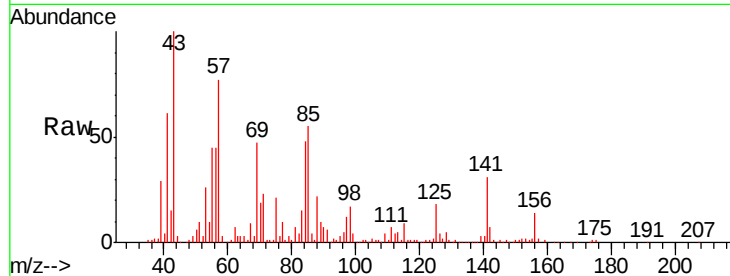
#81
trans-1,4-Dichloro-2-butene
Concen: 105.25 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW007089.D
Acq: 27 Nov 2018 15:55

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

Tgt Ion: 75 Resp: 12497
Ion Ratio Lower Upper
75 100
53 196.1 77.6 116.4#
89 52.7 39.3 58.9

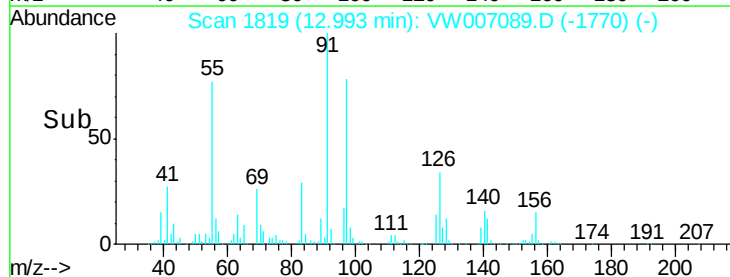
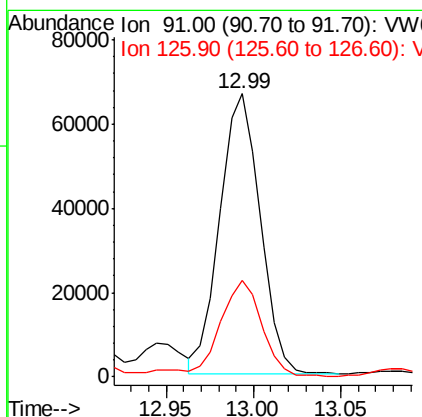
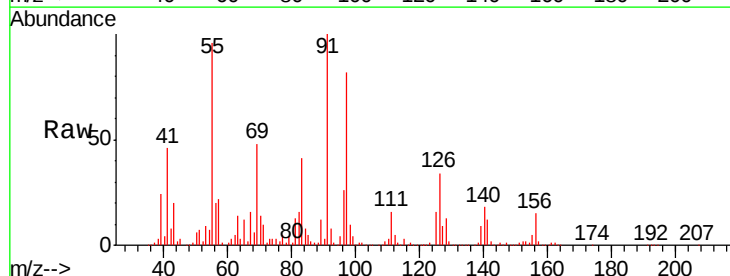
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#82
4-Chlorotoluene
Concen: 49.35 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW007089.D
Acq: 27 Nov 2018 15:55

Tgt Ion: 91 Resp: 106646
Ion Ratio Lower Upper
91 100
126 36.3 16.6 49.7





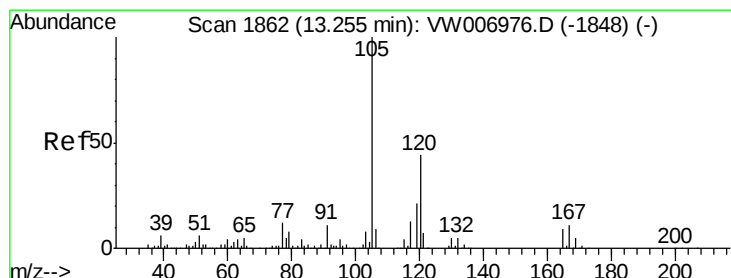
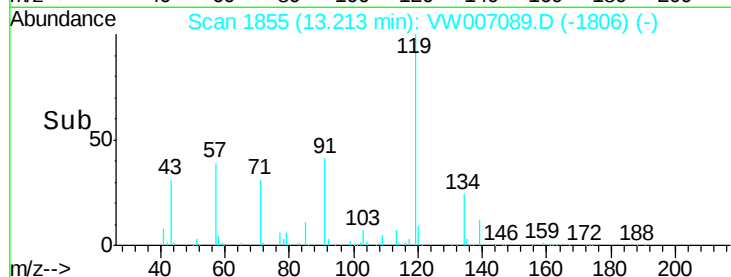
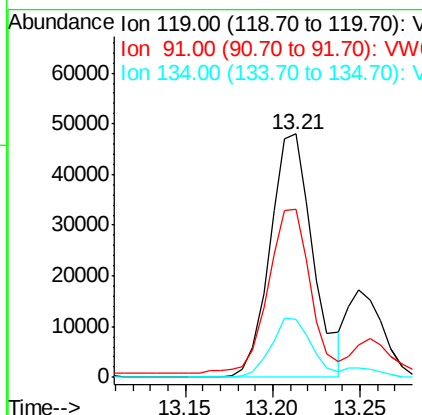
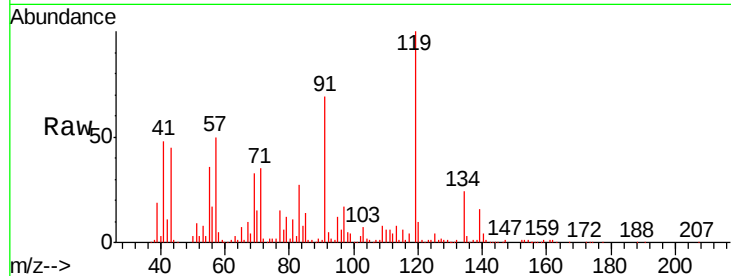
#83
 tert-Butylbenzene
 Concen: 36.87 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW007089.D
 Acq: 27 Nov 2018 15:55

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

Tgt Ion:119 Resp: 81391
 Ion Ratio Lower Upper
 119 100
 91 67.0 33.5 100.5
 134 23.3 12.6 37.8

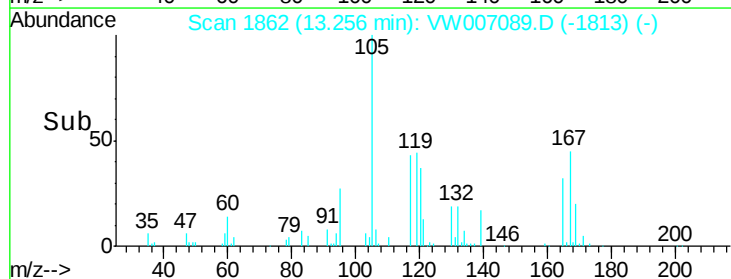
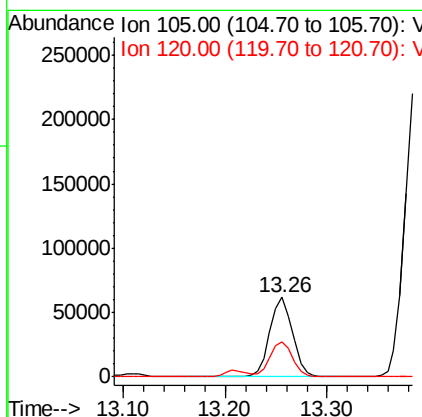
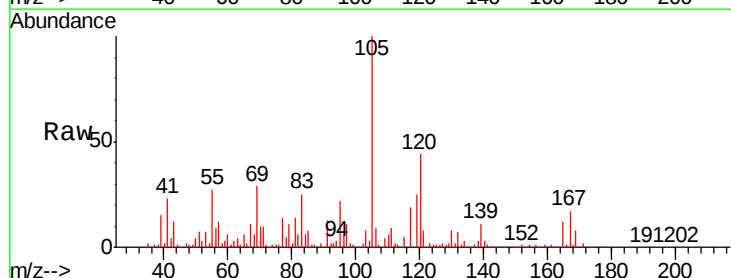
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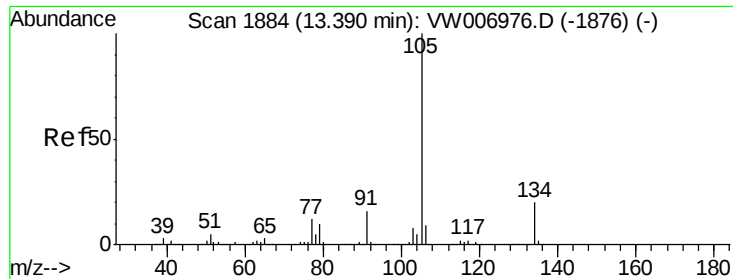
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#84
 1,2,4-Trimethylbenzene
 Concen: 37.26 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW007089.D
 Acq: 27 Nov 2018 15:55

Tgt Ion:105 Resp: 94642
 Ion Ratio Lower Upper
 105 100
 120 44.1 21.8 65.3





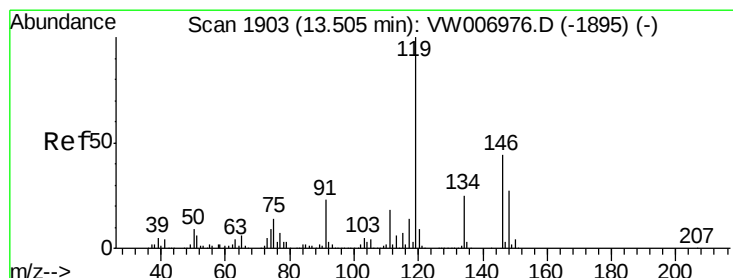
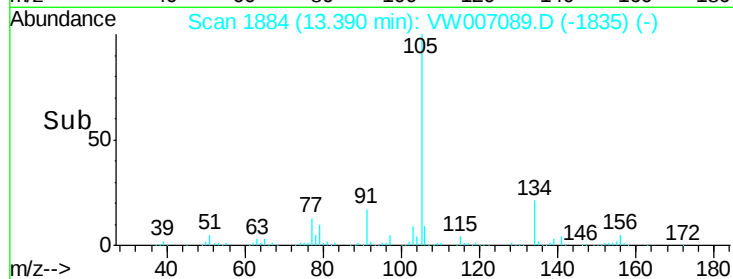
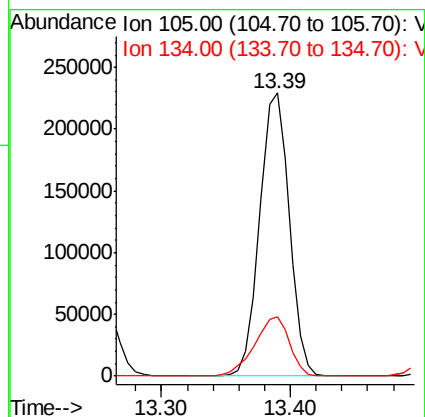
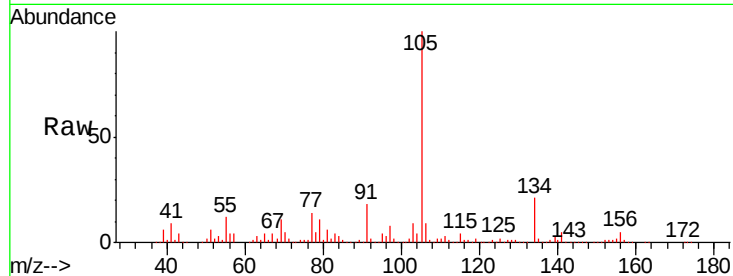
#85
 sec-Butylbenzene
 Concen: 116.12 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW007089.D
 Acq: 27 Nov 2018 15:55

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

Tgt Ion:105 Resp: 362106
 Ion Ratio Lower Upper
 105 100
 134 24.9 9.8 29.3

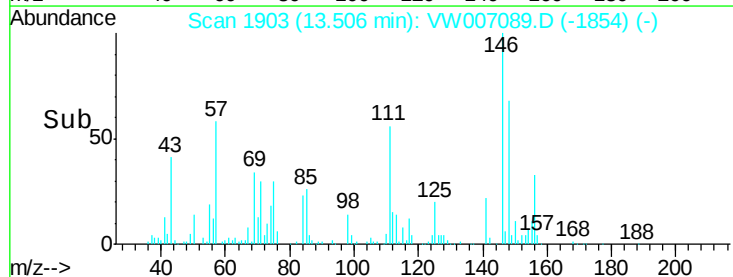
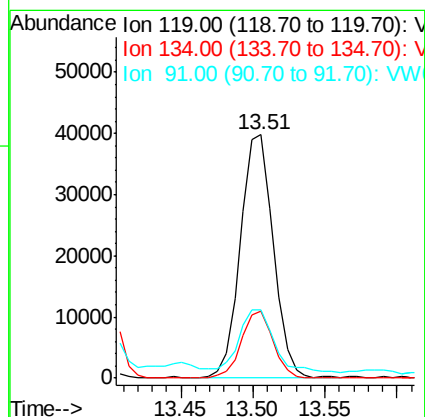
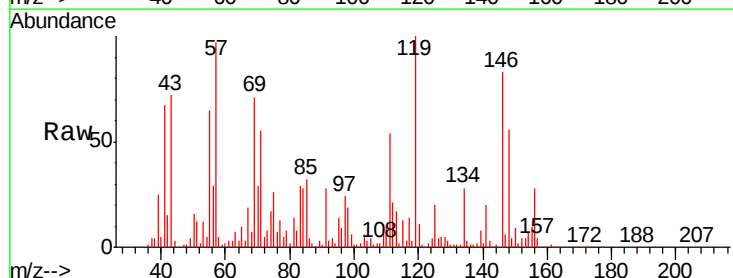
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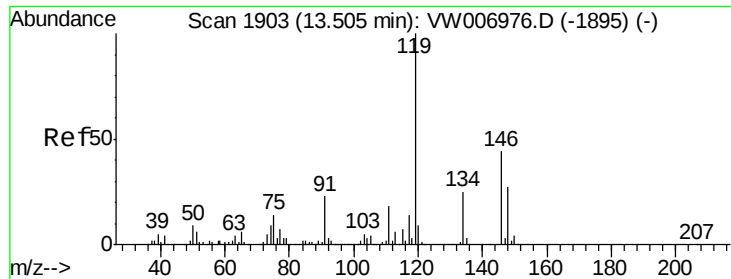
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#86
 p-Isopropyltoluene
 Concen: 22.75 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007089.D
 Acq: 27 Nov 2018 15:55

Tgt Ion:119 Resp: 62576
 Ion Ratio Lower Upper
 119 100
 134 26.8 12.8 38.3
 91 26.9 12.2 36.6





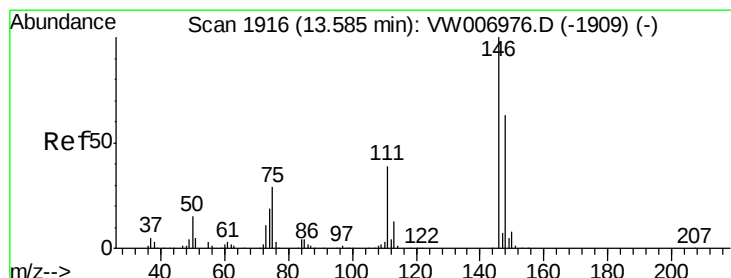
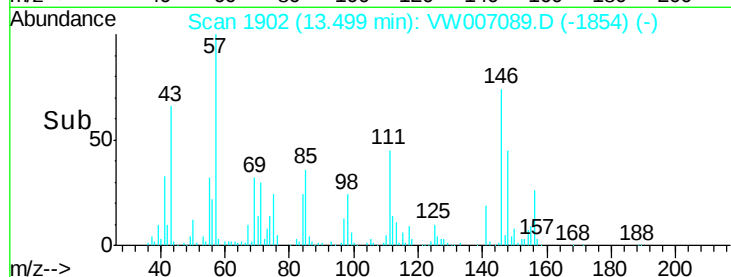
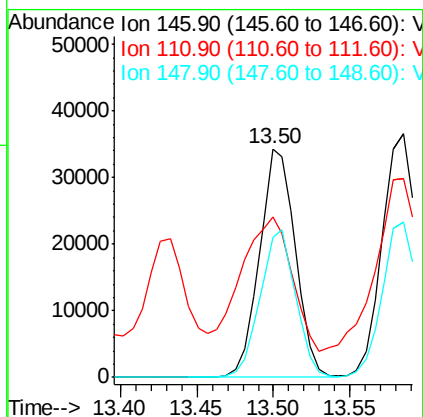
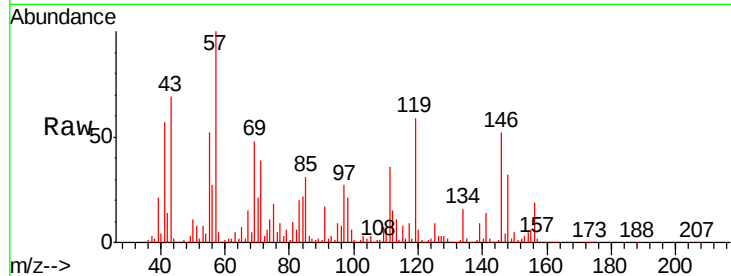
#87
 1,3-Dichlorobenzene
 Concen: 43.16 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007089.D
 Acq: 27 Nov 2018 15:55

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

Tgt Ion	Ratio	Lower	Upper
146	100		
111	81.9	21.1	63.3#
148	64.5	31.6	94.8

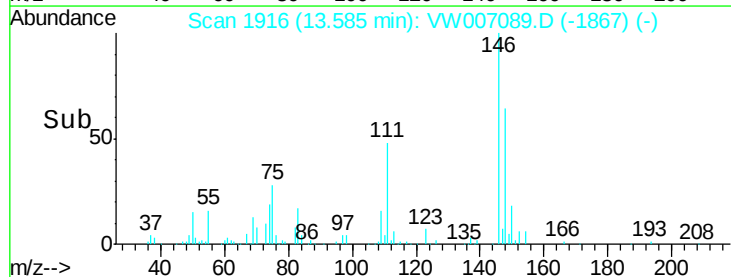
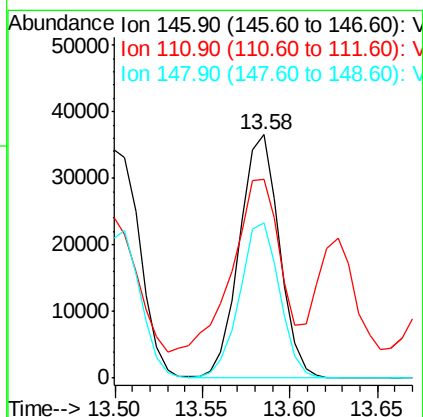
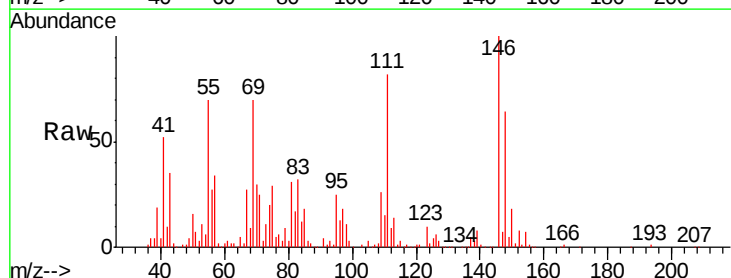
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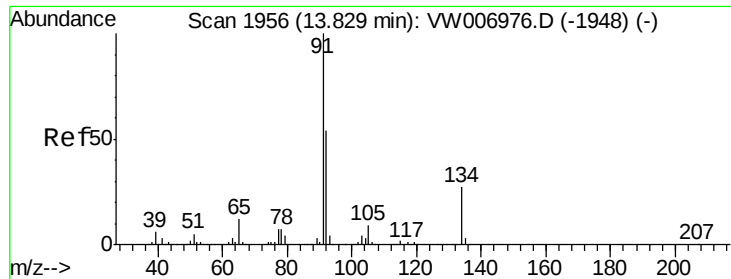
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#88
 1,4-Dichlorobenzene
 Concen: 45.30 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW007089.D
 Acq: 27 Nov 2018 15:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	82.4	20.6	61.8#
148	63.4	32.3	96.8





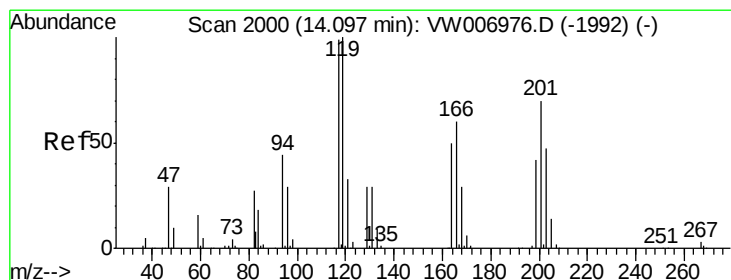
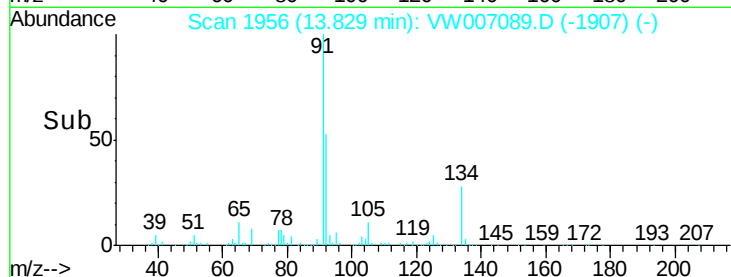
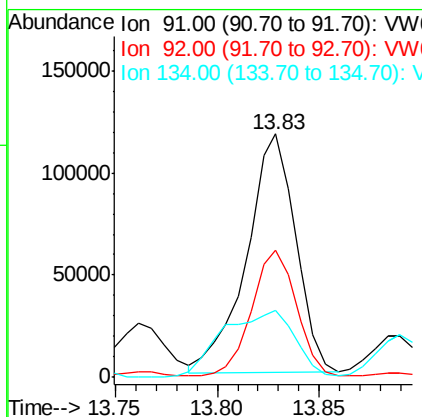
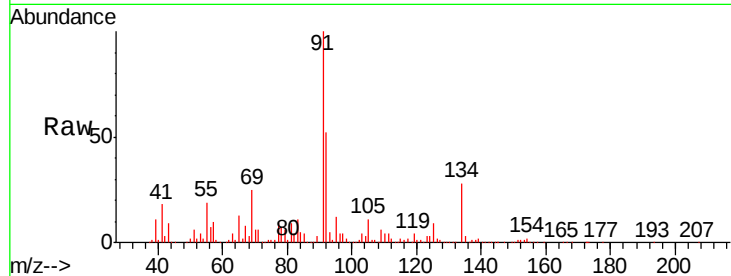
#89
n-Butylbenzene
Concen: 75.79 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW007089.D
Acq: 27 Nov 2018 15:55

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

Tgt Ion	Ratio	Lower	Upper
91	100		
92	48.7	26.8	80.4
134	41.2	13.3	39.8

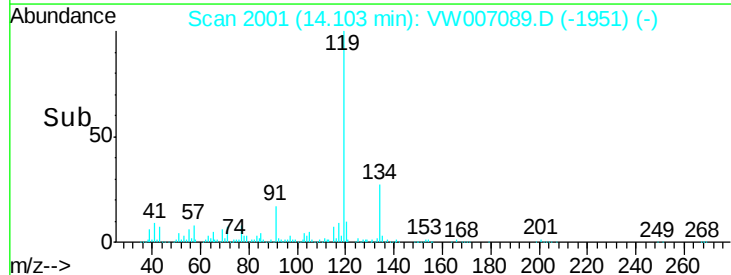
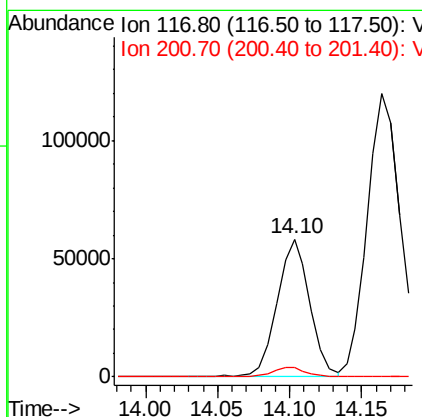
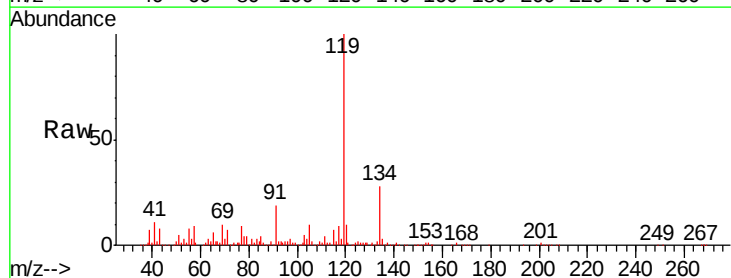
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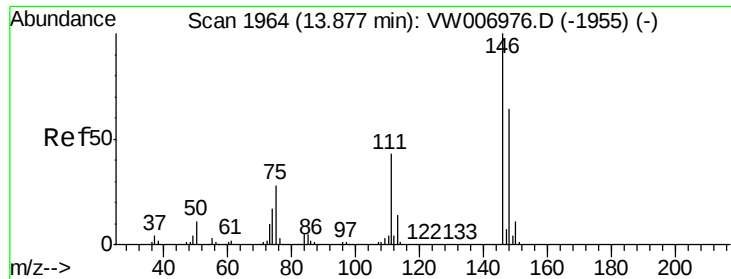
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#90
Hexachloroethane
Concen: 227.26 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW007089.D
Acq: 27 Nov 2018 15:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	7.0	35.9	107.5





#91

1,2-Dichlorobenzene

Concen: 48.28 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.01 min

Lab File: VW007089.D

Acq: 27 Nov 2018 15:55

Instrument :

MSVOA_W

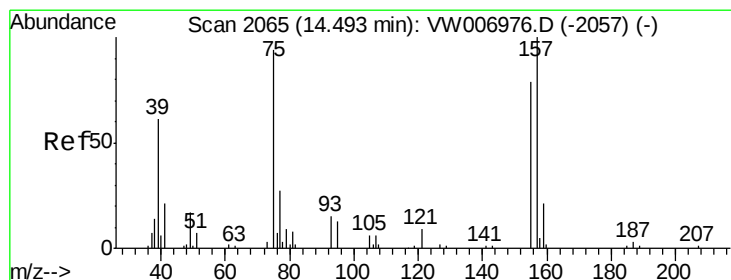
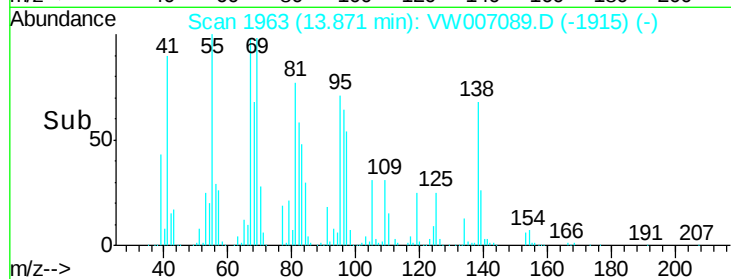
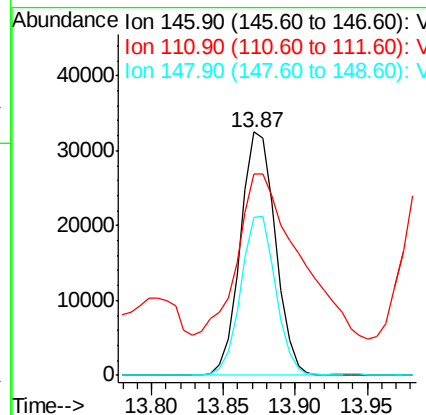
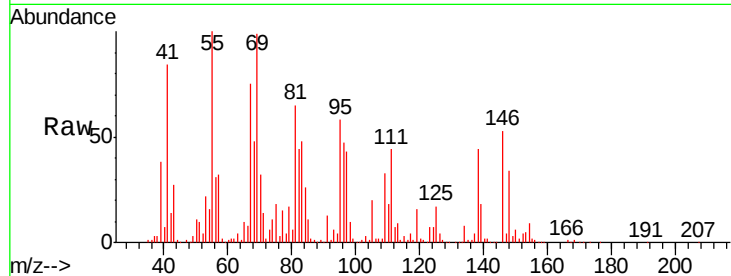
ClientSampleId :

NON-UST-03R-AMSD

Tgt Ion: 146 Resp: 54692
 Ion Ratio Lower Upper
 146 100
 111 134.1 21.9 65.7#
 148 65.1 32.2 96.6

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#92

1,2-Dibromo-3-Chloropropane

Concen: 118.97 ug/l

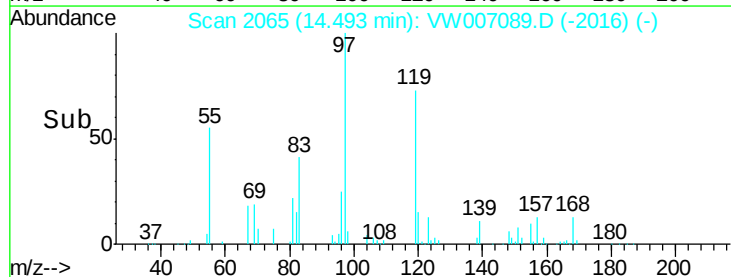
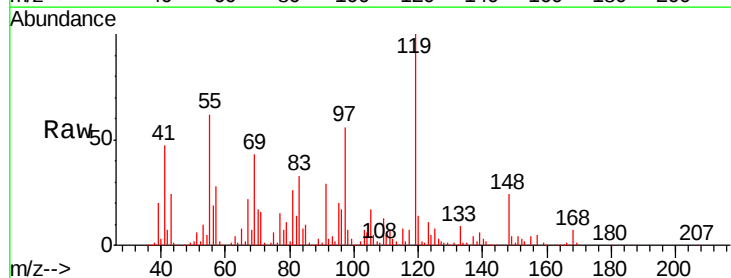
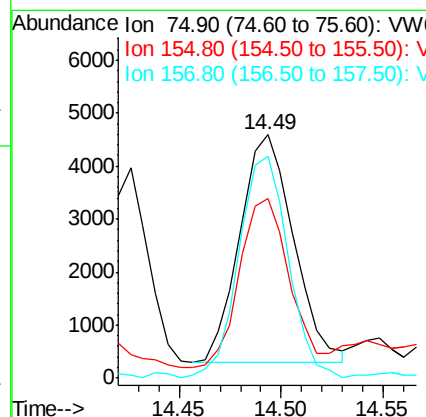
RT: 14.49 min Scan# 2065

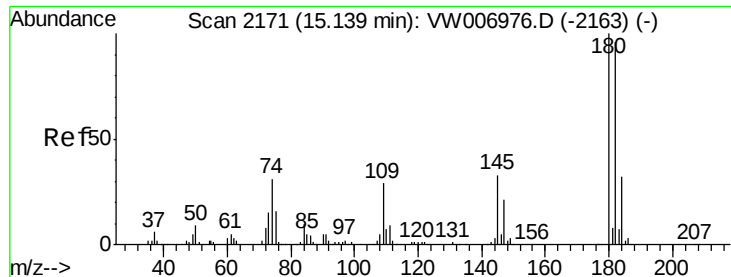
Delta R.T. 0.00 min

Lab File: VW007089.D

Acq: 27 Nov 2018 15:55

Tgt Ion: 75 Resp: 7884
 Ion Ratio Lower Upper
 75 100
 155 69.3 42.6 127.8
 157 89.7 55.0 165.0





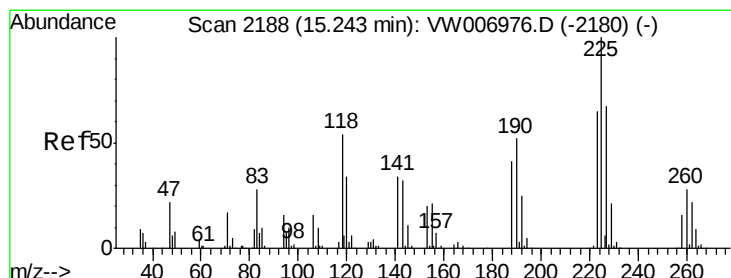
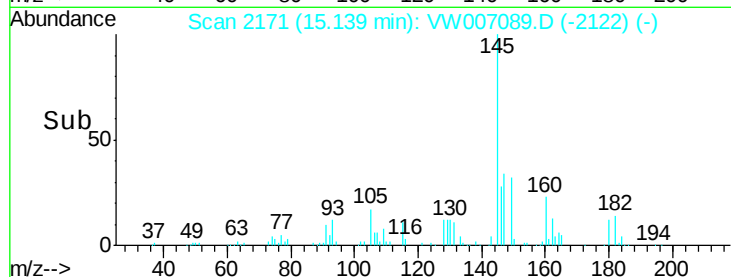
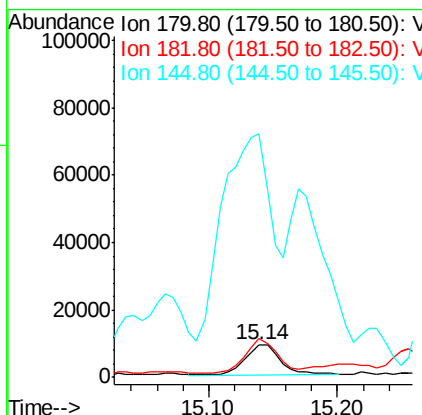
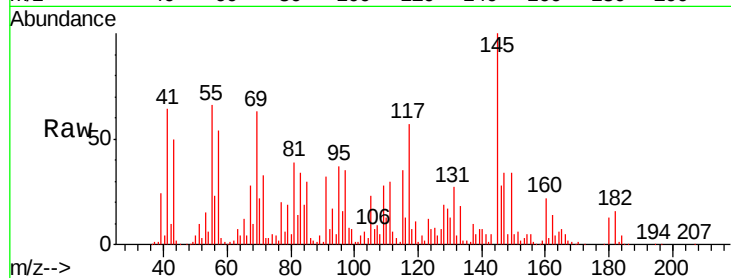
#93
 1,2,4-Trichlorobenzene
 Concen: 23.33 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW007089.D
 Acq: 27 Nov 2018 15:55

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

Tgt Ion:180 Resp: 17431
 Ion Ratio Lower Upper
 180 100
 182 104.0 47.1 141.3
 145 1003.3 16.5 49.5

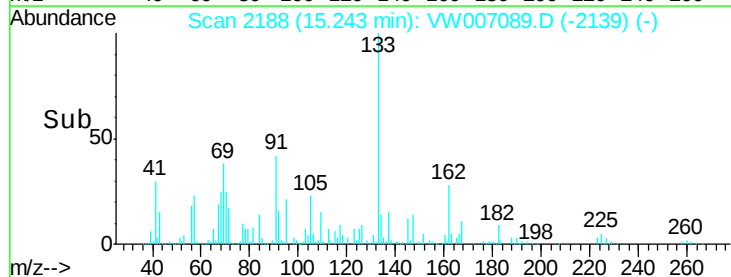
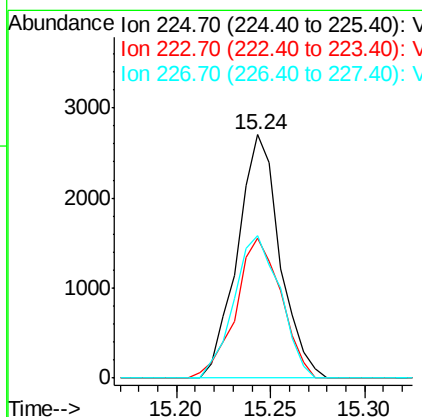
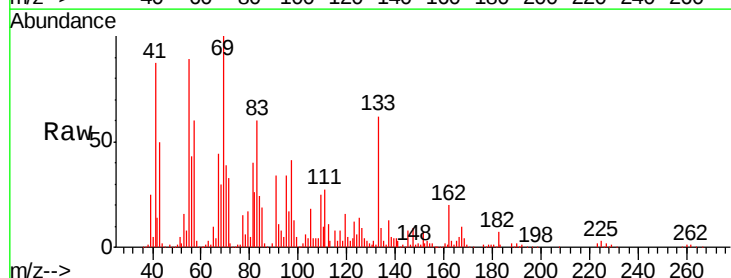
Manual Integrations
 APPROVED

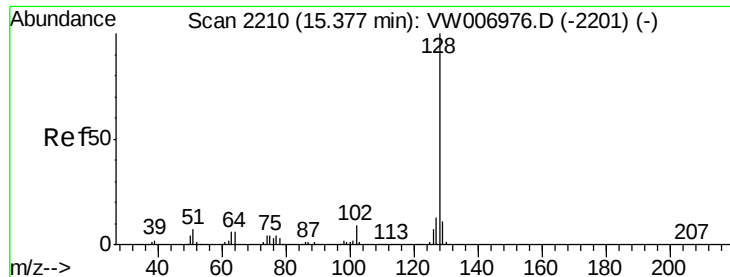
apatel
 11/28/2018 11:55:04 AM



#94
 Hexachlorobutadiene
 Concen: 10.38 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW007089.D
 Acq: 27 Nov 2018 15:55

Tgt Ion:225 Resp: 4216
 Ion Ratio Lower Upper
 225 100
 223 61.6 32.4 97.0
 227 63.3 31.9 95.5





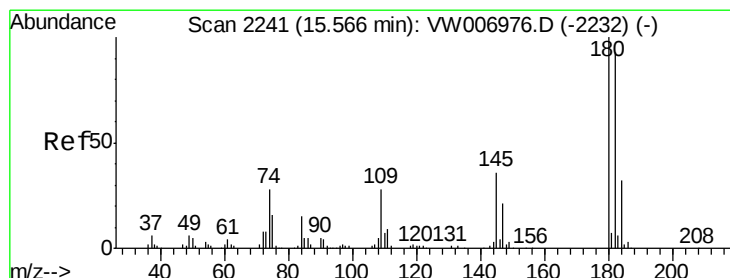
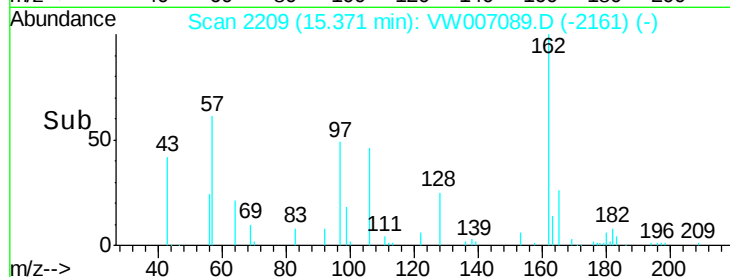
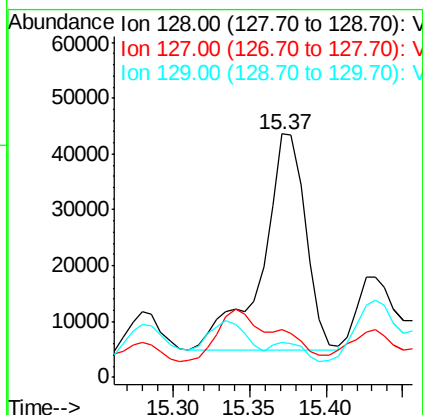
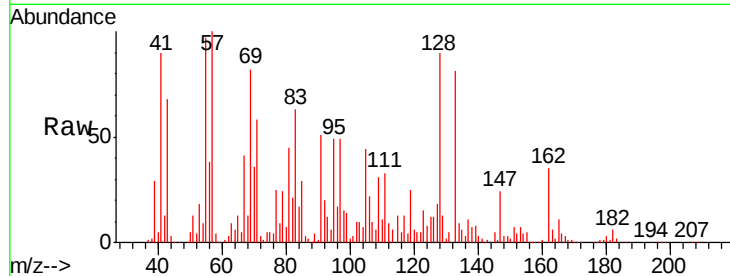
#95
Naphthalene
Concen: 56.70 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007089.D
Acq: 27 Nov 2018 15:55

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

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	6.4	8.7	13.1#

Manual Integrations
APPROVED

apatel
11/28/2018 11:55:04 AM



#96
1,2,3-Trichlorobenzene
Concen: 36.45 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW007089.D
Acq: 27 Nov 2018 15:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	61.4	47.0	141.2
145	757.5	18.0	54.0#

