

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112718\
 Data File : VW007088.D
 Acq On : 27 Nov 2018 15:29
 Operator : VAY/AP
 Sample : J6003-04MS
 Misc : 4.78G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations
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 11/28/2018 11:55:00 AM

Quant Time: Nov 28 01:01:13 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	65515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	126085	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	86618	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	27814	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	46748	72.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	145.76%	
35) Dibromofluoromethane	7.89	113	40365	56.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.38%	
50) Toluene-d8	10.32	98	149999	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	
62) 4-Bromofluorobenzene	12.62	95	60090	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	41072	63.50	ug/l	99
3) Chloromethane	2.21	50	40887	75.85	ug/l	97
4) Vinyl Chloride	2.36	62	37686	71.05	ug/l	97
5) Bromomethane	2.78	94	23389	82.62	ug/l	94
6) Chloroethane	2.92	64	22136	75.71	ug/l	100
7) Trichlorofluoromethane	3.26	101	63732	61.11	ug/l	92
8) Diethyl Ether	3.68	74	26396	78.55	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	24789	36.66	ug/l	99
10) Methyl Iodide	4.28	142	57044	73.70	ug/l	99
11) Tert butyl alcohol	5.21	59	17409	416.93	ug/l #	88
12) 1,1-Dichloroethene	4.04	96	40038	67.52	ug/l	98
13) Acrolein	3.90	56	16261	379.22	ug/l	97
14) Allyl chloride	4.68	41	72377	73.59	ug/l	100
15) Acrylonitrile	5.38	53	56067	443.90	ug/l	99
16) Acetone	4.15	43	42143	452.54	ug/l	100
17) Carbon Disulfide	4.39	76	126092	65.77	ug/l	97
18) Methyl Acetate	4.68	43	29974	90.38	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	131761	85.10	ug/l	95
20) Methylene Chloride	4.92	84	56087	78.67	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	47086	68.16	ug/l	96
22) Diisopropyl ether	6.32	45	147696	77.15	ug/l	99
23) Vinyl Acetate	6.26	43	439460	432.27	ug/l	99
24) 1,1-Dichloroethane	6.22	63	84196	72.29	ug/l	99
25) 2-Butanone	7.18	43	71211	446.47	ug/l	99
26) 2,2-Dichloropropane	7.17	77	68797	65.69	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	55050	74.83	ug/l	96
28) Bromochloromethane	7.52	49	33241	76.37	ug/l #	100
29) Tetrahydrofuran	7.54	42	45036	435.98	ug/l	99
30) Chloroform	7.68	83	86997	70.31	ug/l	98
31) Cyclohexane	7.95	56	29788	24.11	ug/l	91
32) 1,1,1-Trichloroethane	7.88	97	66496	59.67	ug/l	99
36) 1,1-Dichloropropene	8.09	75	53488	43.41	ug/l	99
37) Ethyl Acetate	7.26	43	31828	71.29	ug/l	98
38) Carbon Tetrachloride	8.07	117	48213	40.86	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	41437	26.87	ug/l	96
40) Benzene	8.33	78	188664	56.73	ug/l	99
41) Methacrylonitrile	7.49	41	21626	77.99	ug/l	90
42) 1,2-Dichloroethane	8.40	62	61532	63.72	ug/l	99
43) Isopropyl Acetate	8.43	43	66070	77.65	ug/l	95
44) Trichloroethene	9.09	130	44481	47.71	ug/l	93
45) 1,2-Dichloropropane	9.37	63	46826	57.11	ug/l	100
46) Dibromomethane	9.46	93	26763	65.18	ug/l	99
47) Bromodichloromethane	9.65	83	65372	60.43	ug/l	97
48) Methyl methacrylate	9.44	41	33837	82.48	ug/l	95
49) 1,4-Dioxane	9.48	88	7667	1256.40	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	159005	369.79	ug/l	99
52) Toluene	10.39	92	99379	43.91	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	65563	62.57	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	75981	60.02	ug/l	97
55) 1,1,2-Trichloroethane	10.77	97	111337	184.31	ug/l #	31
56) Ethyl methacrylate	10.65	69	99606	142.06	ug/l #	77
57) 1,3-Dichloropropane	10.93	76	60840	60.10	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	118881	324.45	ug/l	100
59) 2-Hexanone	10.97	43	98146m	333.32	ug/l	
60) Dibromochloromethane	11.13	129	43927	63.82	ug/l	99
61) 1,2-Dibromoethane	11.24	107	34999	63.34	ug/l	87
64) Tetrachloroethene	10.87	164	18751	33.65	ug/l	97
65) Chlorobenzene	11.66	112	98234	54.34	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	34847	63.72	ug/l	96
67) Ethyl Benzene	11.73	91	127084	38.27	ug/l	98
68) m/p-Xylenes	11.84	106	91847	70.49	ug/l	98
69) o-Xylene	12.17	106	46042	37.48	ug/l	94
70) Styrene	12.18	104	90543	46.30	ug/l	98
71) Bromoform	12.35	173	19764	76.72	ug/l #	95
73) Isopropylbenzene	12.47	105	472767	218.70	ug/l	99
74) N-amyl acetate	12.26	43	242636	669.72	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	12.71	83	67697	235.32	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	27600m	126.28	ug/l	
77) Bromobenzene	12.75	156	31429	67.69	ug/l	97
78) n-propylbenzene	12.81	91	684265	261.33	ug/l	100
79) 2-Chlorotoluene	12.90	91	63578	42.11	ug/l	86
80) 1,3,5-Trimethylbenzene	12.94	105	53041	28.37	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	13074	150.18	ug/l #	1
82) 4-Chlorotoluene	12.99	91	67759	42.77	ug/l	73
83) tert-Butylbenzene	13.21	119	74599	46.09	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	57153	30.69	ug/l	99
85) sec-Butylbenzene	13.39	105	607649	265.77	ug/l	86
86) p-Isopropyltoluene	13.51	119	40023	19.84	ug/l	88
87) 1,3-Dichlorobenzene	13.51	146	32583	34.38	ug/l #	1
88) 1,4-Dichlorobenzene	13.58	146	34071	36.05	ug/l #	1
89) n-Butylbenzene	13.83	91	313767	165.30	ug/l #	84
90) Hexachloroethane	14.10	117	145941	495.58	ug/l #	17
91) 1,2-Dichlorobenzene	13.87	146	32936	39.66	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9327	191.96	ug/l #	51

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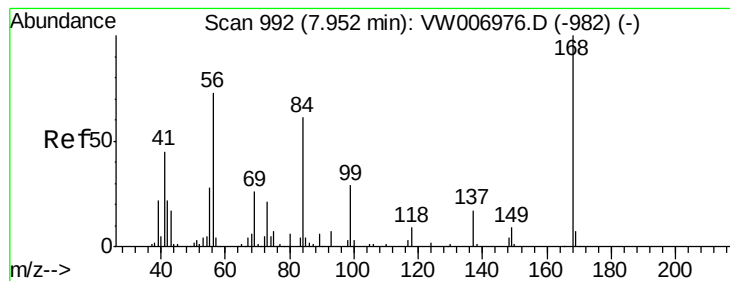
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	12588	22.98	ug/l #	1
94) Hexachlorobutadiene	15.24	225	2665	8.95	ug/l	93
95) Naphthalene	15.38	128	35687	35.90	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.58	180	12141	26.72	ug/l #	13

(#) = 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: VW007088.D

Acq: 27 Nov 2018 15:29

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMS

Tgt Ion: 168 Resp: 65515

Ion Ratio Lower Upper

168 100

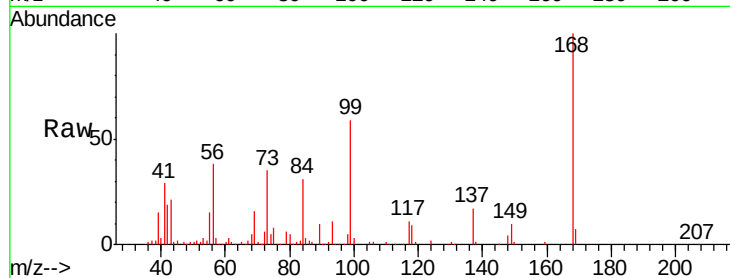
99 58.6 48.2 72.4

Manual Integrations

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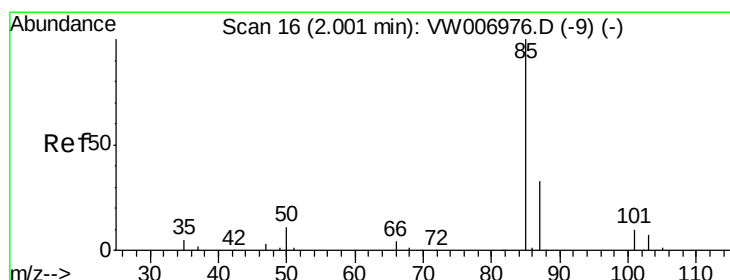
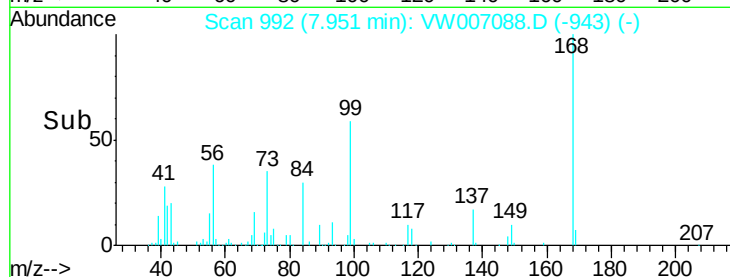
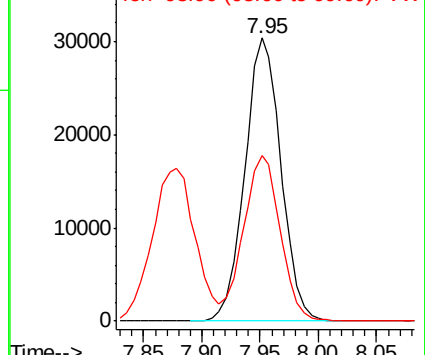
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 63.50 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW007088.D

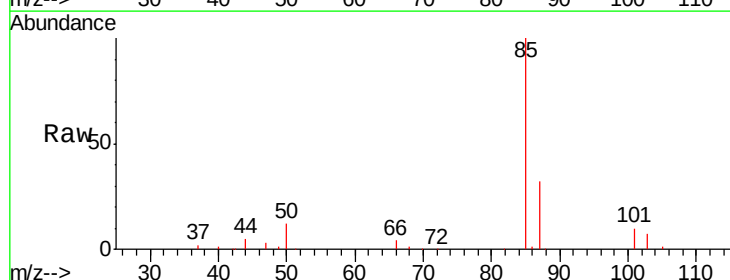
Acq: 27 Nov 2018 15:29

Tgt Ion: 85 Resp: 41072

Ion Ratio Lower Upper

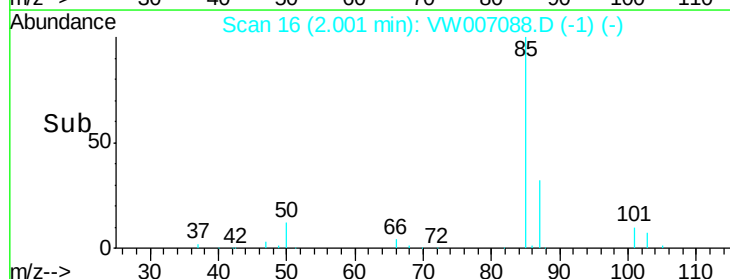
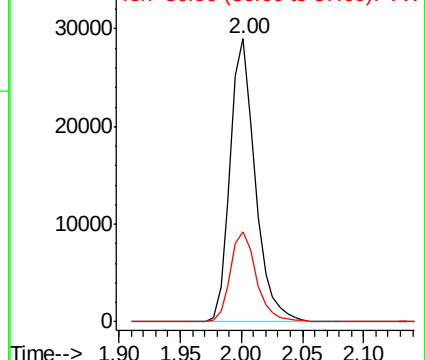
85 100

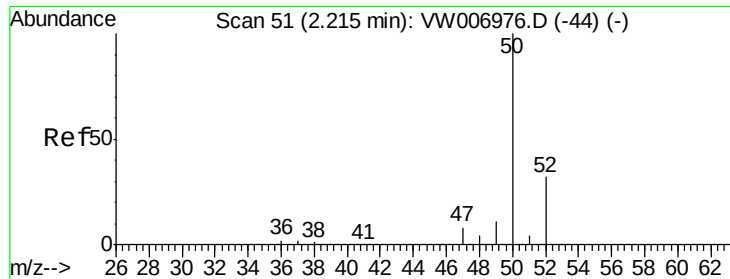
87 31.9 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 75.85 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW007088.D

Acq: 27 Nov 2018 15:29

Instrument :

MSVOA_W

ClientSampleId :

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Tgt Ion: 50 Resp: 40887

Ion Ratio Lower Upper

50 100

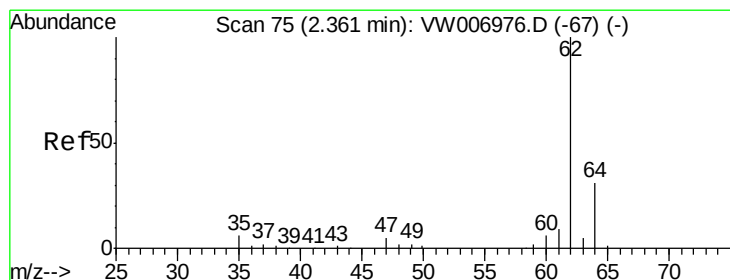
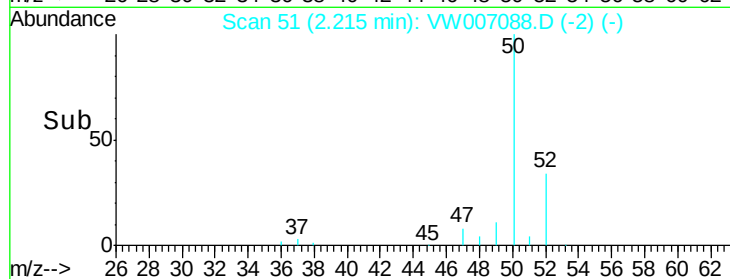
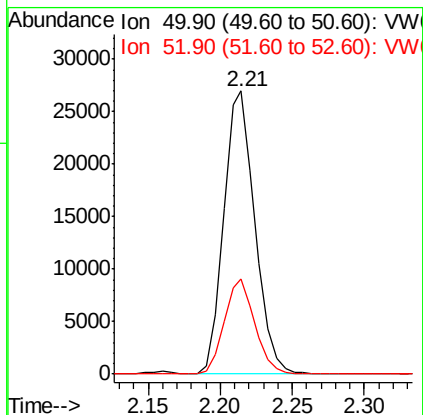
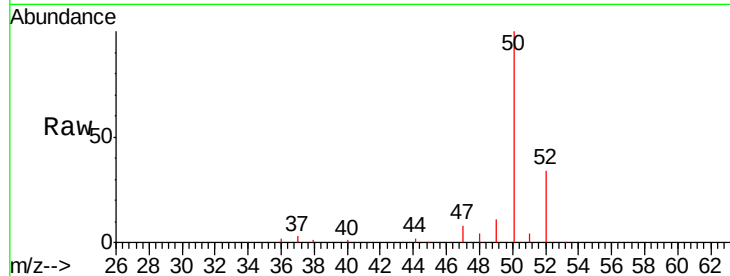
52 33.7 25.7 38.5

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#4

Vinyl Chloride

Concen: 71.05 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW007088.D

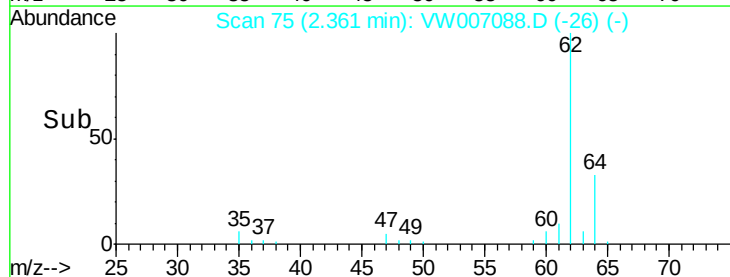
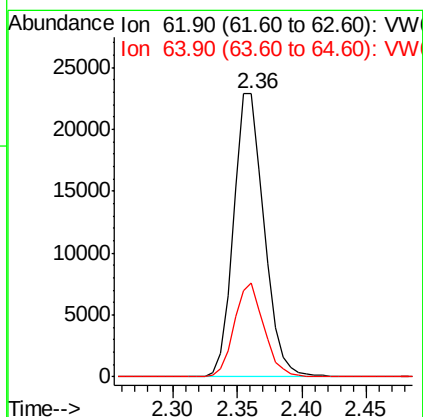
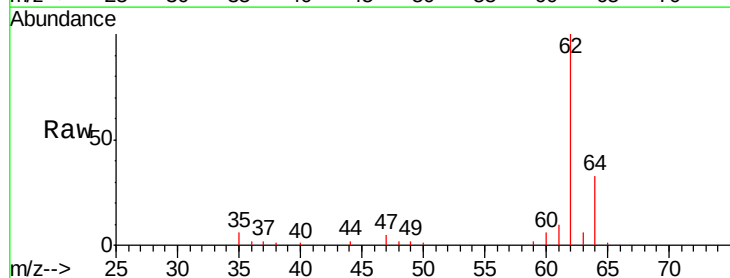
Acq: 27 Nov 2018 15:29

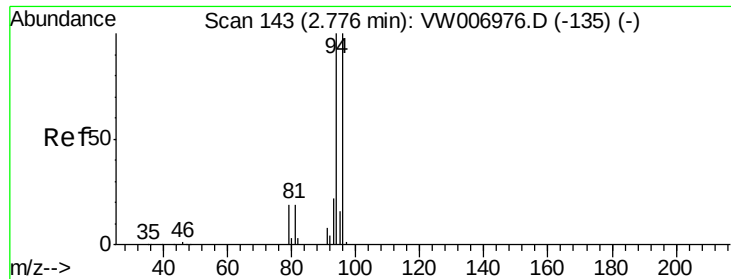
Tgt Ion: 62 Resp: 37686

Ion Ratio Lower Upper

62 100

64 33.3 25.2 37.8





#5

Bromomethane

Concen: 82.62 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW007088.D

Acq: 27 Nov 2018 15:29

Instrument :

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NON-UST-03R-AMS

Tgt Ion: 94 Resp: 23389

Ion Ratio Lower Upper

94 100

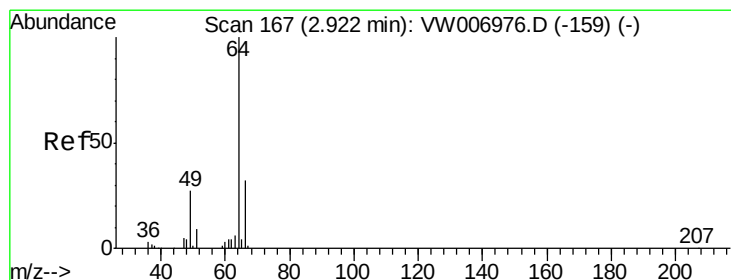
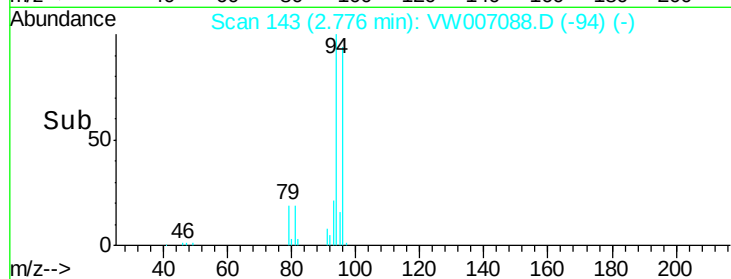
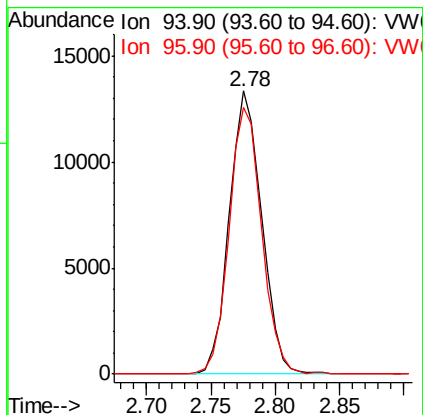
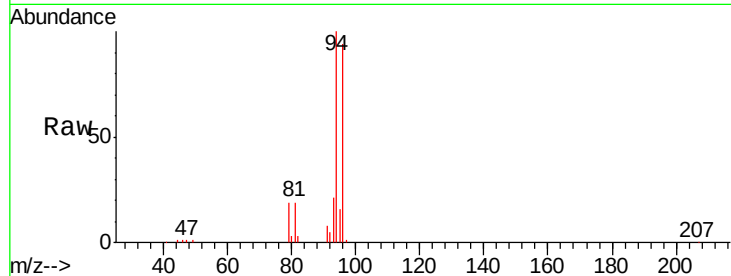
96 94.1 80.2 120.2

Manual Integrations

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#6

Chloroethane

Concen: 75.71 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW007088.D

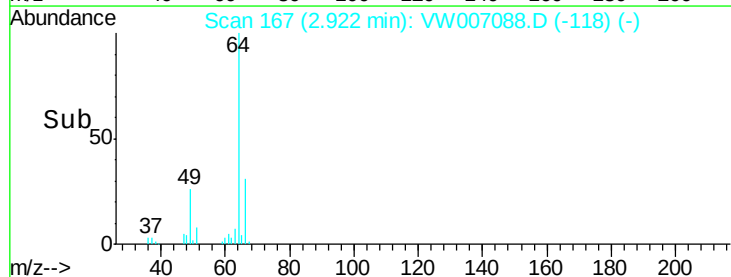
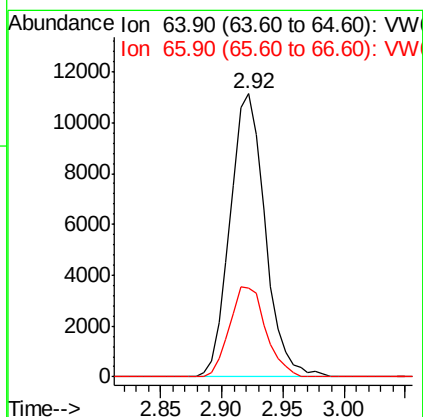
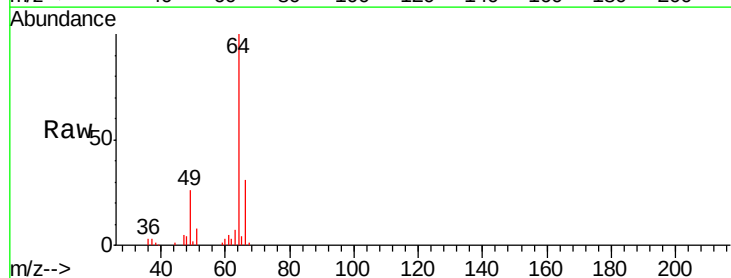
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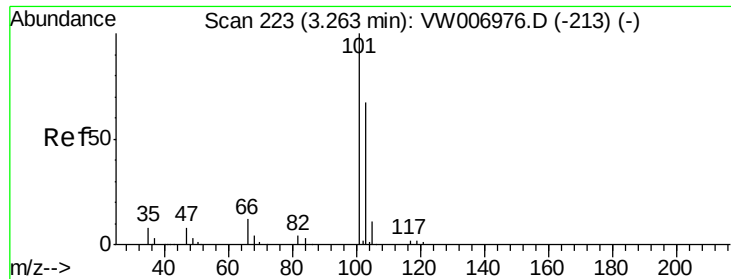
Tgt Ion: 64 Resp: 22136

Ion Ratio Lower Upper

64 100

66 31.4 25.3 37.9





#7

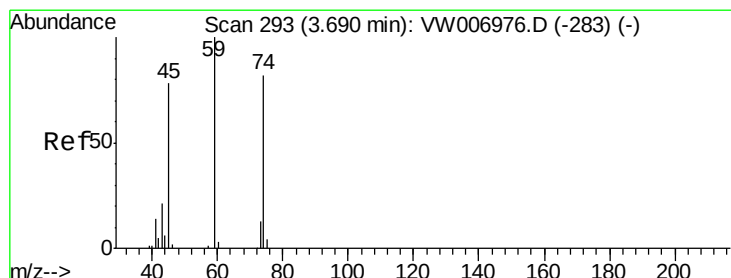
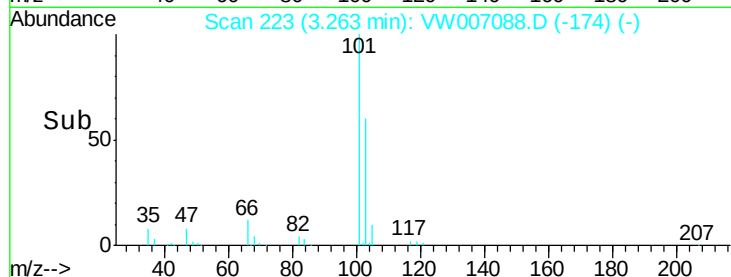
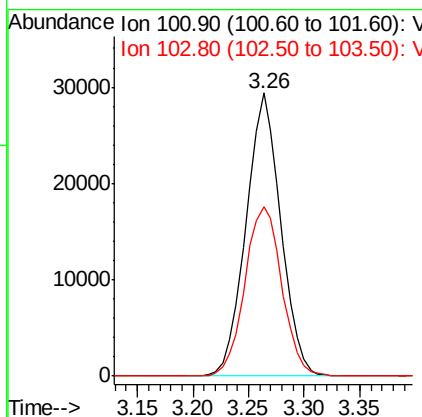
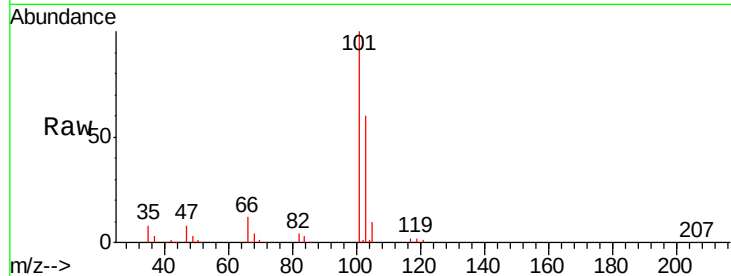
Trichlorofluoromethane
 Concen: 61.11 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW007088.D
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Tgt Ion	Ratio	Lower	Upper
101	100		
103	60.0	53.4	80.2

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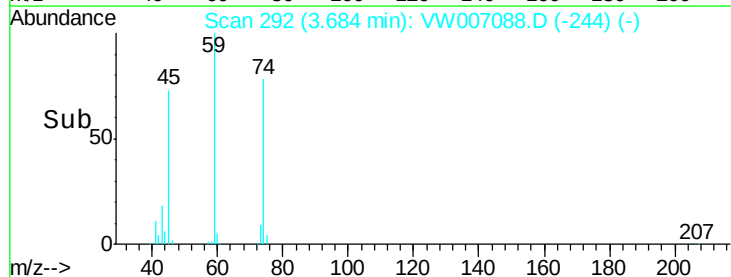
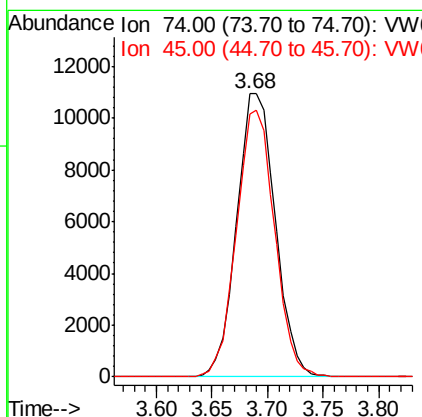
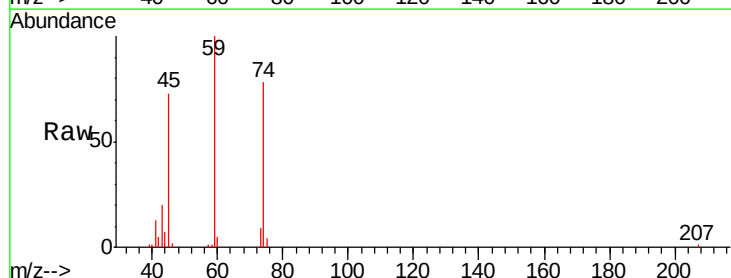
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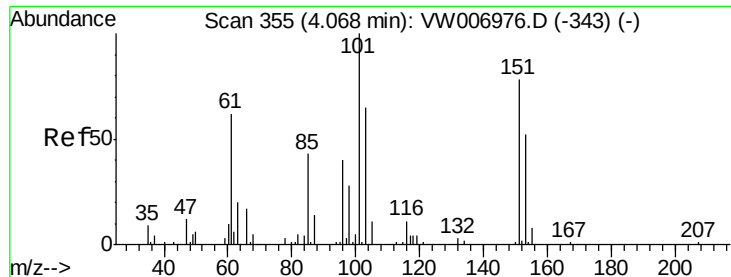


#8

Diethyl Ether
 Concen: 78.55 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.01 min
 Lab File: VW007088.D
 Acq: 27 Nov 2018 15:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.0	48.4	145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 36.66 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW007088.D

Acq: 27 Nov 2018 15:29

Instrument :

MSVOA_W

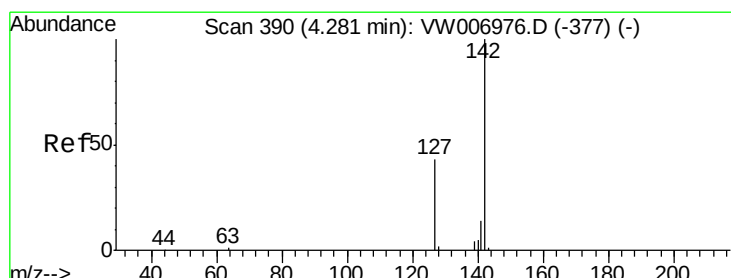
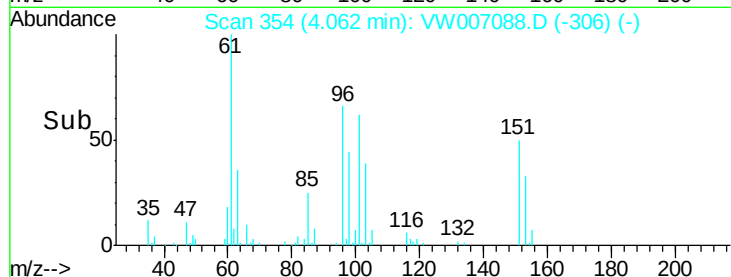
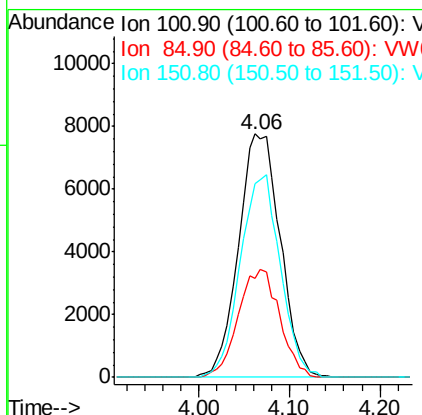
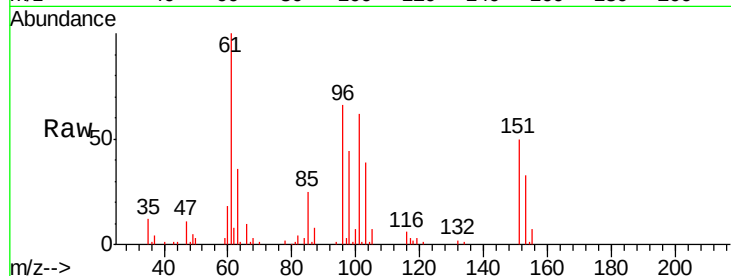
ClientSampleId :

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Tgt Ion:	101	Resp:	24789
Ion Ratio	Lower	Upper	
101	100		
85	43.8	34.3	51.5
151	79.6	63.4	95.2

Manual Integrations
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#10

Methyl Iodide

Concen: 73.70 ug/l

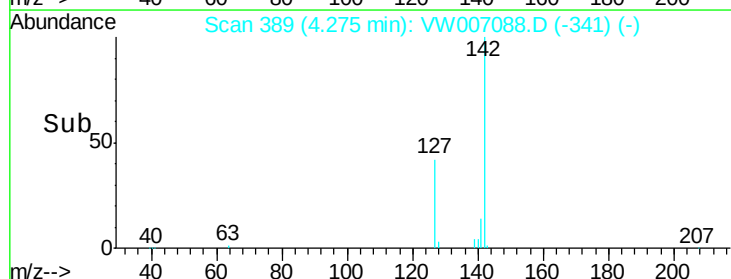
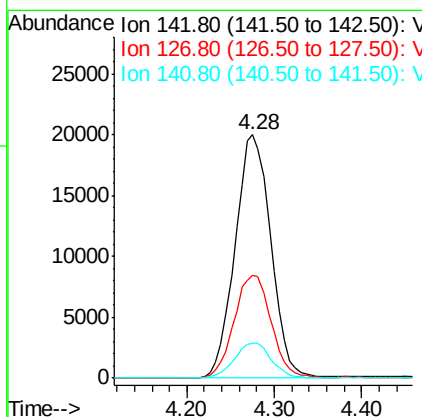
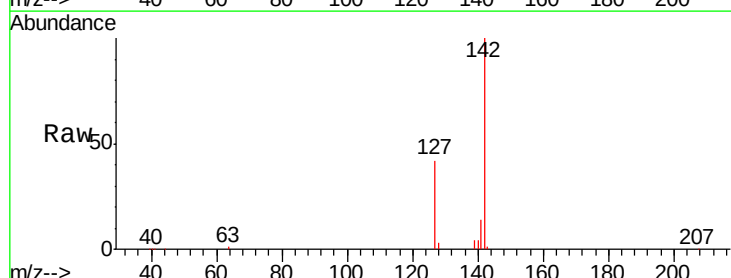
RT: 4.28 min Scan# 389

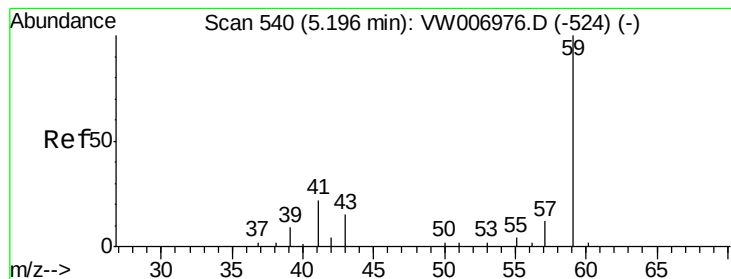
Delta R.T. -0.01 min

Lab File: VW007088.D

Acq: 27 Nov 2018 15:29

Tgt Ion:	142	Resp:	57044
Ion Ratio	Lower	Upper	
142	100		
127	43.6	35.3	52.9
141	14.7	11.7	17.5





#11

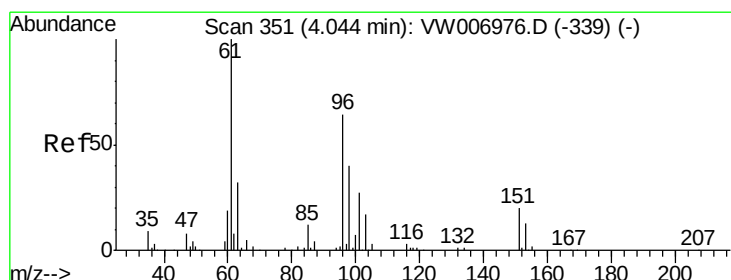
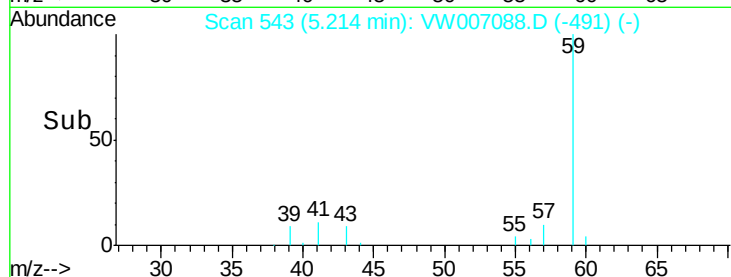
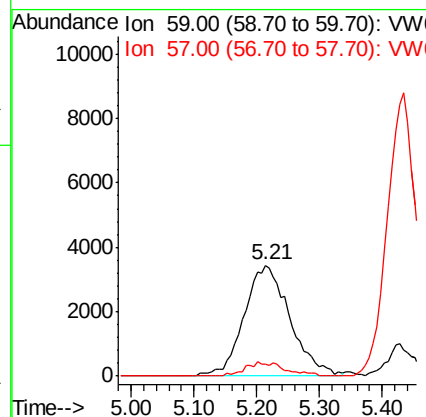
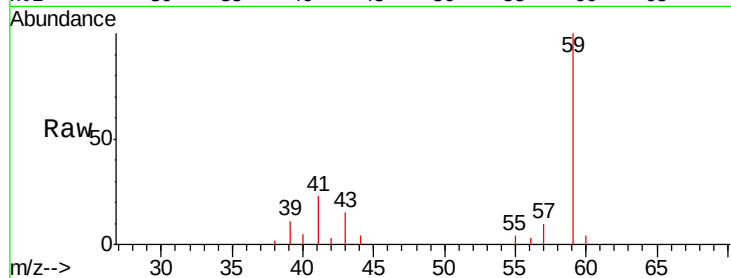
Tert butyl alcohol
Concen: 416.93 ug/l
RT: 5.21 min Scan# 543
Delta R.T. 0.02 min
Lab File: VW007088.D
Acq: 27 Nov 2018 15:29

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

Tgt Ion	Ratio	Lower	Upper
59	100		
57	6.4	8.6	13.0#

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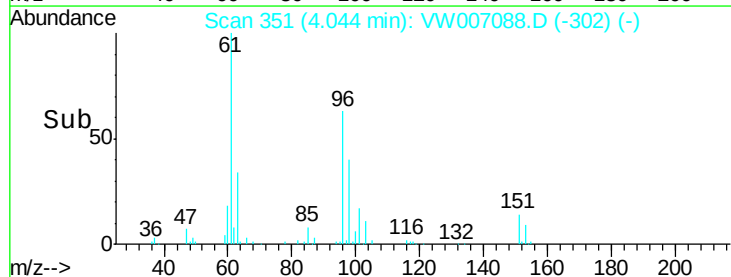
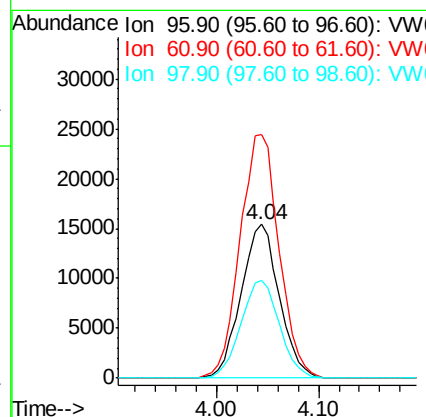
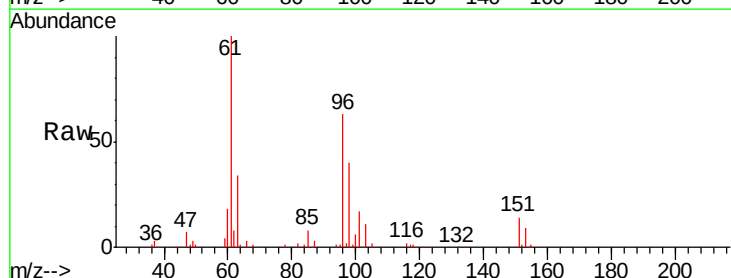
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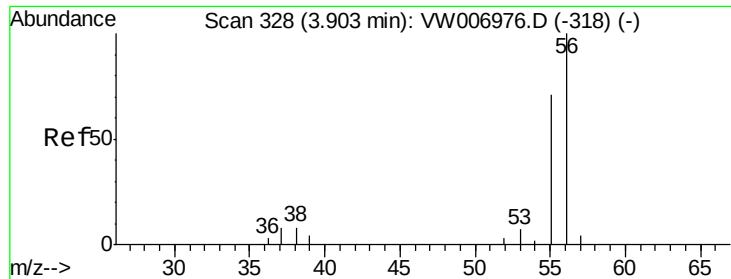


#12

1,1-Dichloroethene
Concen: 67.52 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.00 min
Lab File: VW007088.D
Acq: 27 Nov 2018 15:29

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.7	124.3	186.5
98	63.5	49.4	74.2





#13

Acrolein

Concen: 379.22 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.00 min

Lab File: VW007088.D

Acq: 27 Nov 2018 15:29

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMS

Tgt Ion: 56 Resp: 16261

Ion Ratio Lower Upper

56 100

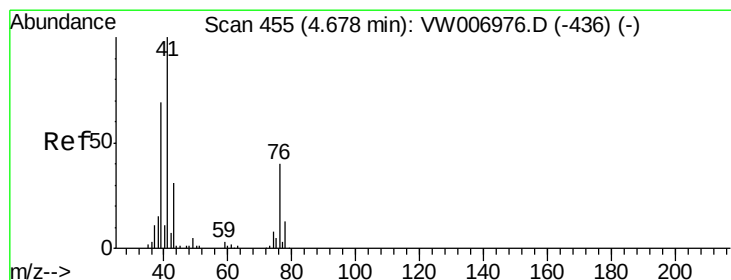
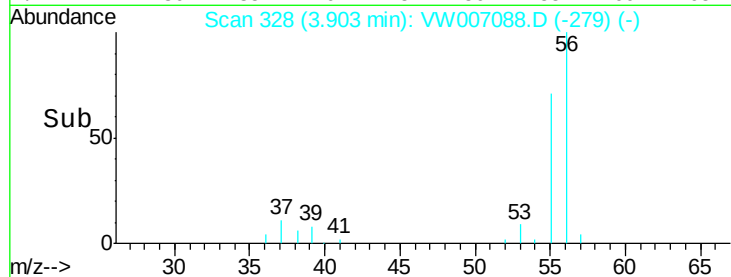
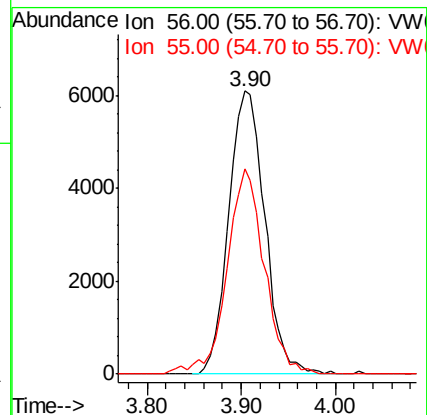
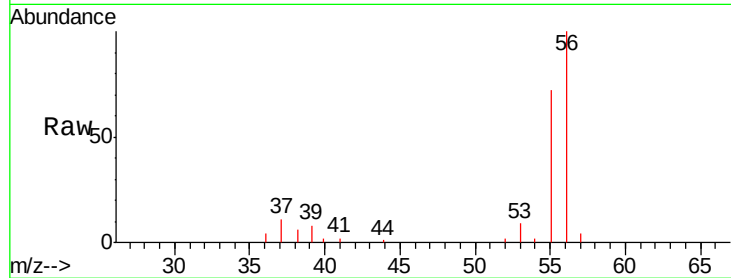
55 74.8 57.5 86.3

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#14

Allyl chloride

Concen: 73.59 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW007088.D

Acq: 27 Nov 2018 15:29

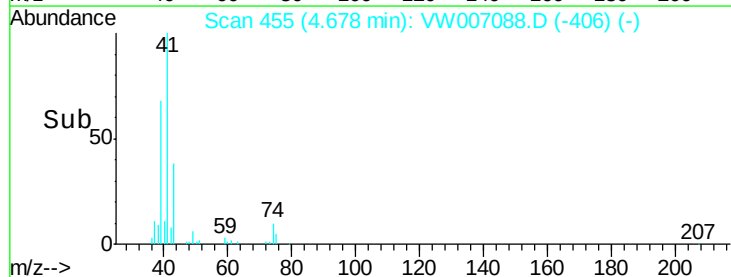
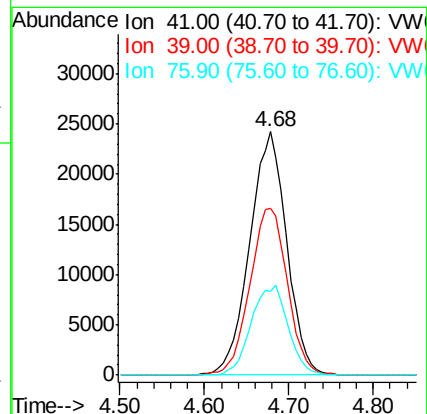
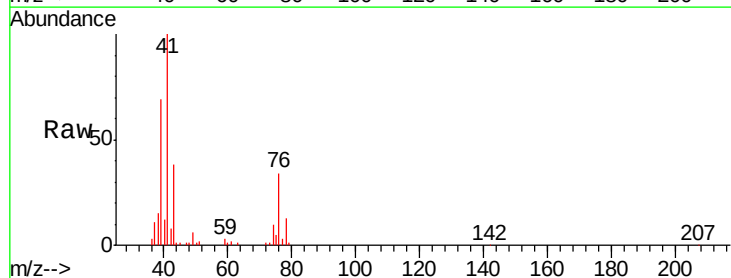
Tgt Ion: 41 Resp: 72377

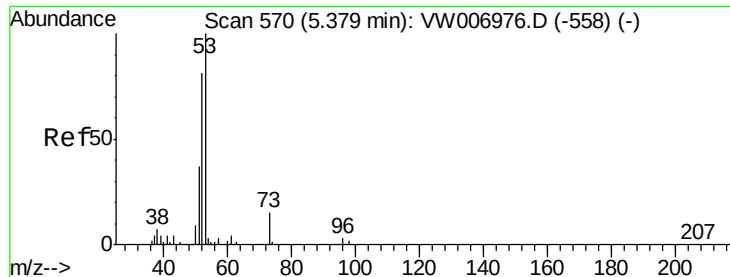
Ion Ratio Lower Upper

41 100

39 69.5 55.4 83.2

76 36.7 29.6 44.4





#15

Acrylonitrile

Concen: 443.90 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW007088.D

Acq: 27 Nov 2018 15:29

Instrument :

MSVOA_W

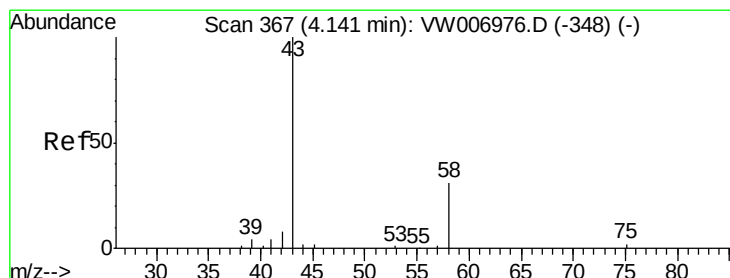
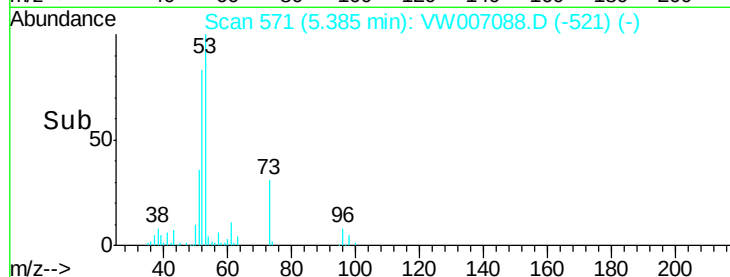
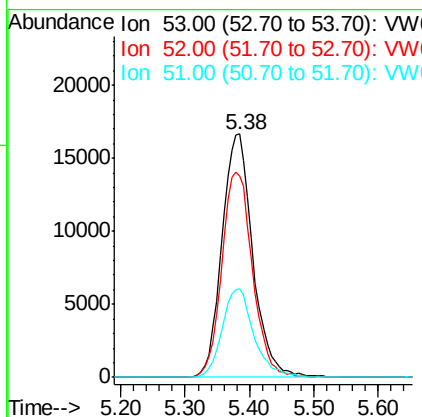
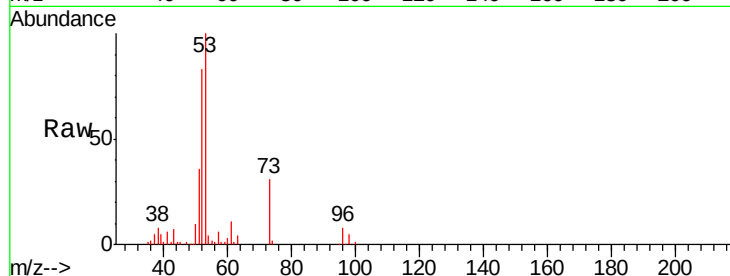
ClientSampleId :

NON-UST-03R-AMS

Tgt Ion:	53	Resp:	56067
Ion	Ratio	Lower	Upper
53	100		
52	83.9	65.7	98.5
51	37.5	29.9	44.9

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#16

Acetone

Concen: 452.54 ug/l

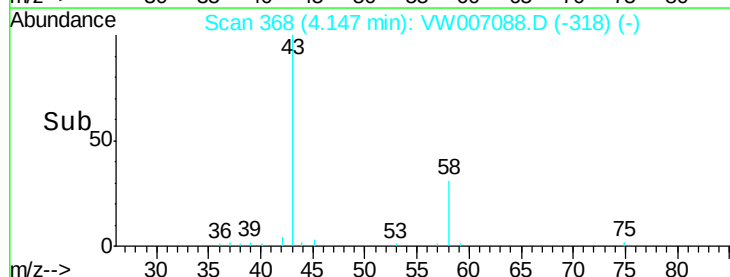
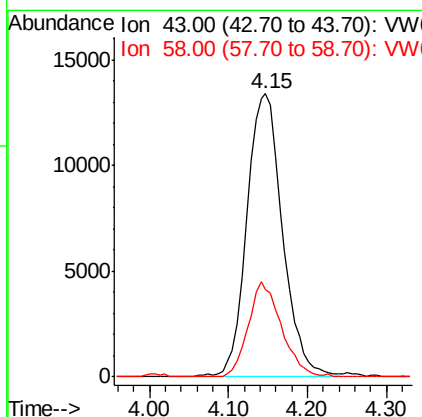
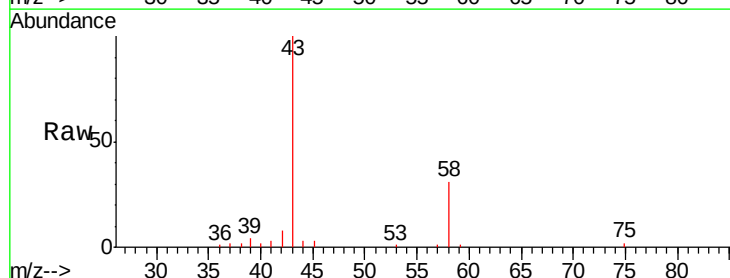
RT: 4.15 min Scan# 368

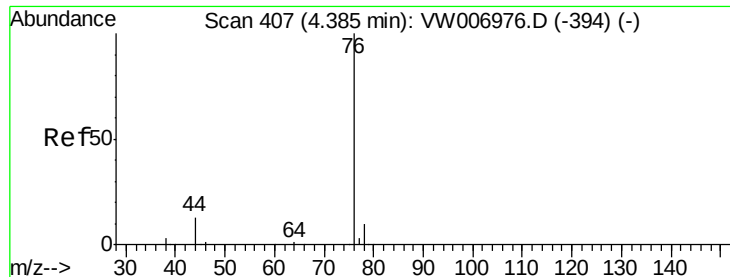
Delta R.T. 0.01 min

Lab File: VW007088.D

Acq: 27 Nov 2018 15:29

Tgt Ion:	43	Resp:	42143
Ion	Ratio	Lower	Upper
43	100		
58	31.1	24.8	37.2





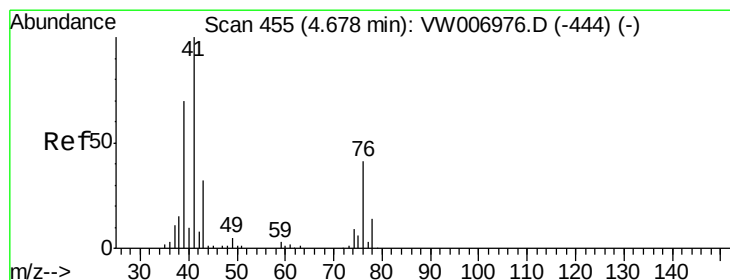
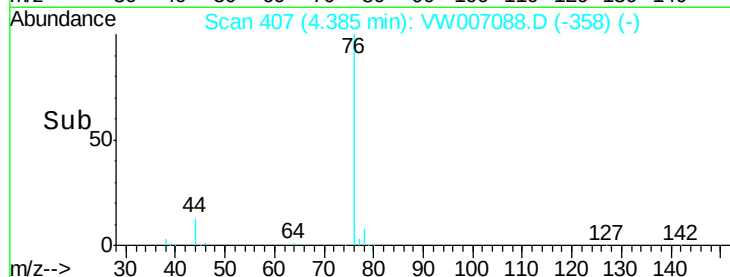
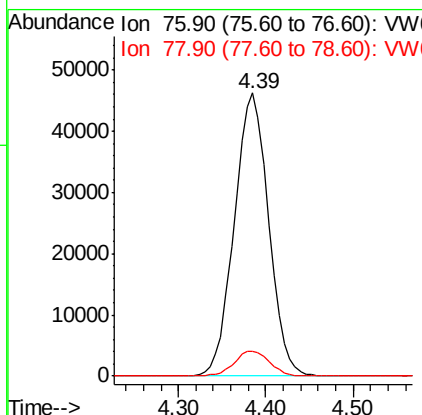
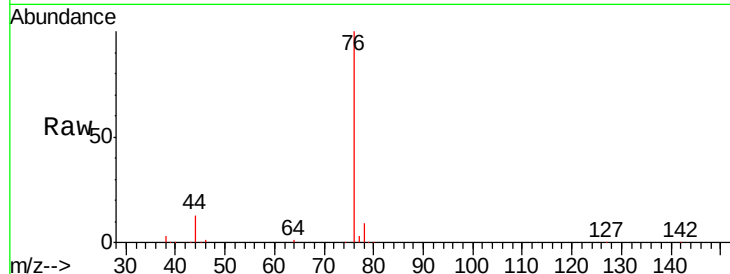
#17
Carbon Disulfide
Concen: 65.77 ug/l
RT: 4.39 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW007088.D
Acq: 27 Nov 2018 15:29

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

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.8	11.6

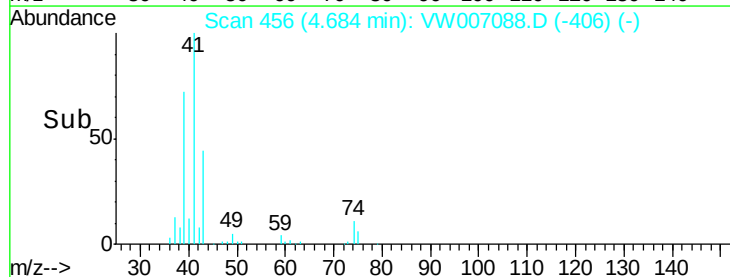
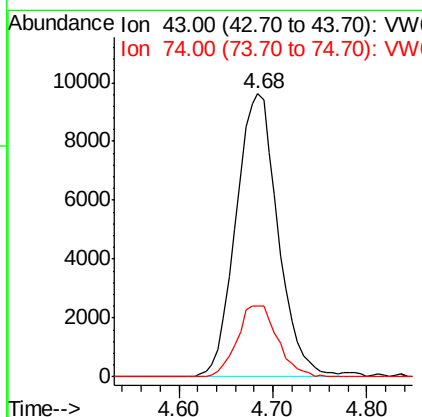
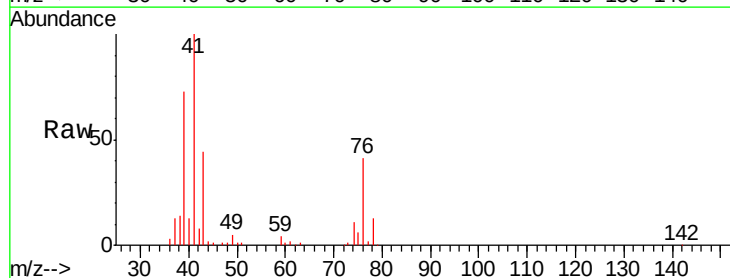
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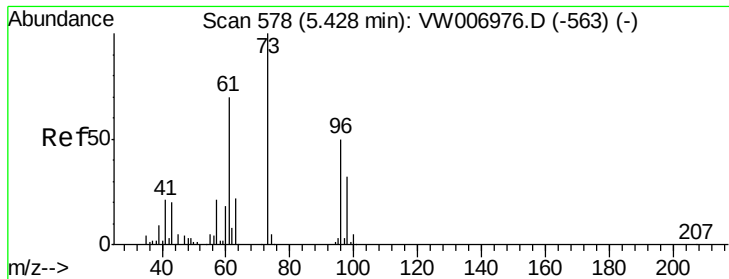
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#18
Methyl Acetate
Concen: 90.38 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW007088.D
Acq: 27 Nov 2018 15:29

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.3	20.1	30.1





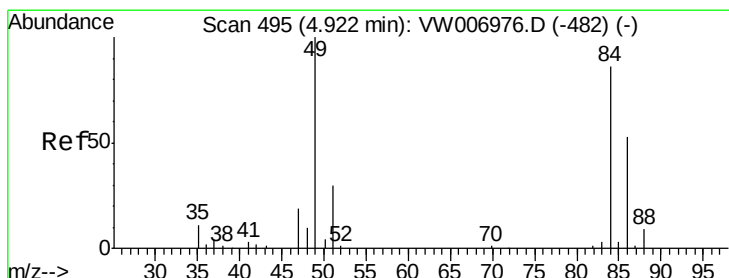
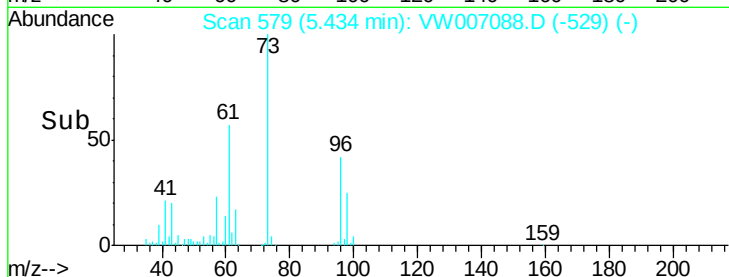
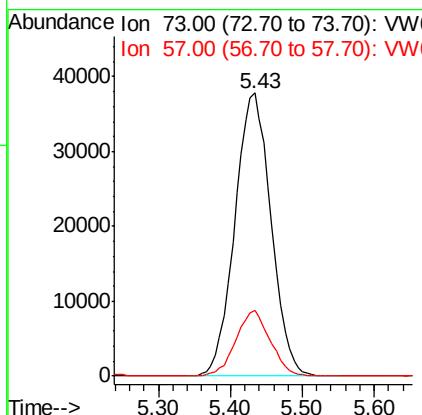
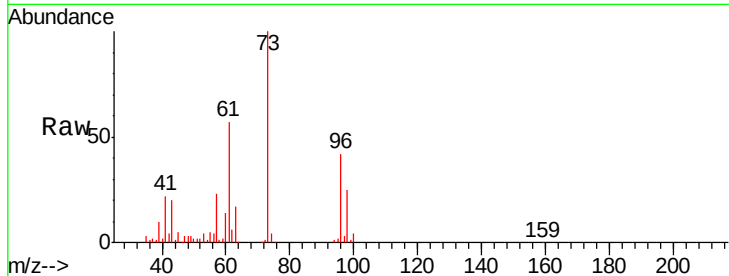
#19
Methyl tert-butyl Ether
Concen: 85.10 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW007088.D
Acq: 27 Nov 2018 15:29

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

Tgt Ion: 73 Resp: 131761
Ion Ratio Lower Upper
73 100
57 23.2 16.7 25.1

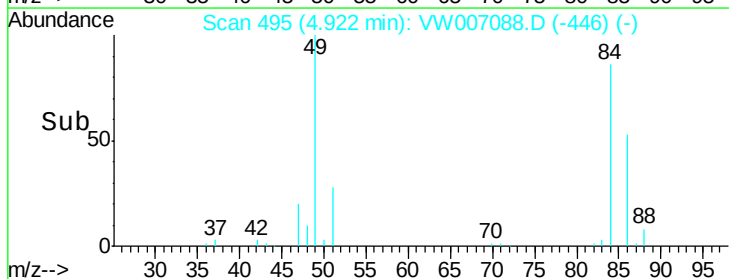
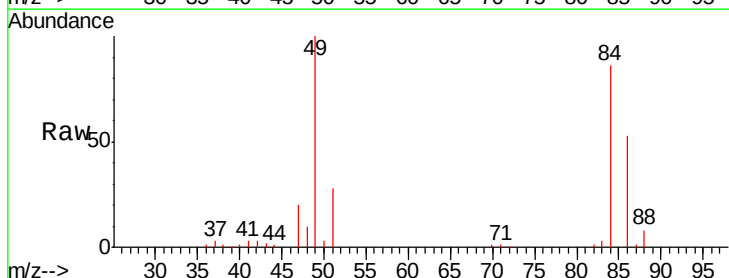
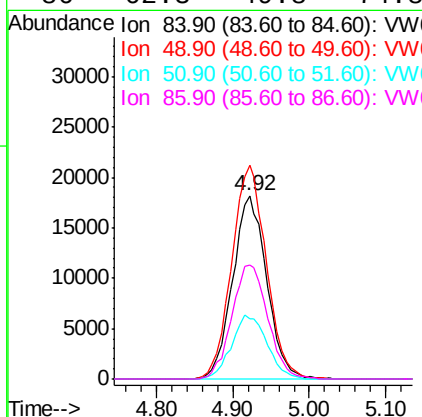
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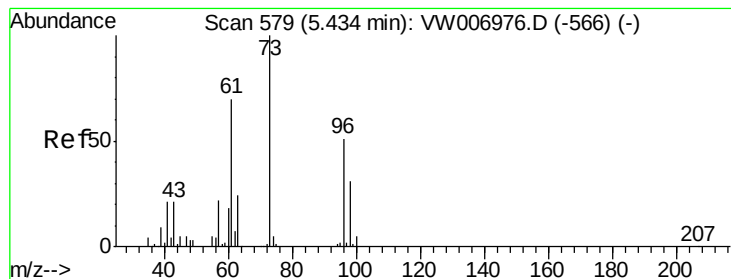
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#20
Methylene Chloride
Concen: 78.67 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007088.D
Acq: 27 Nov 2018 15:29

Tgt Ion: 84 Resp: 56087
Ion Ratio Lower Upper
84 100
49 116.6 93.4 140.0
51 32.7 28.4 42.6
86 62.3 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 68.16 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW007088.D

Acq: 27 Nov 2018 15:29

Instrument :

MSVOA_W

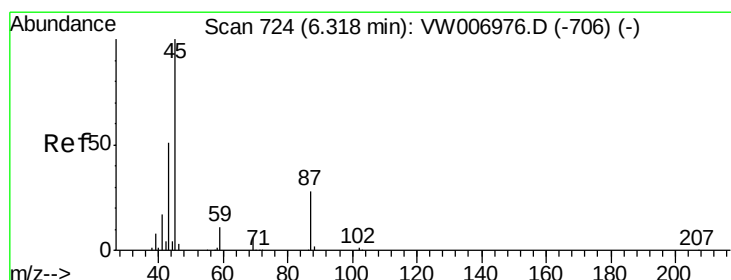
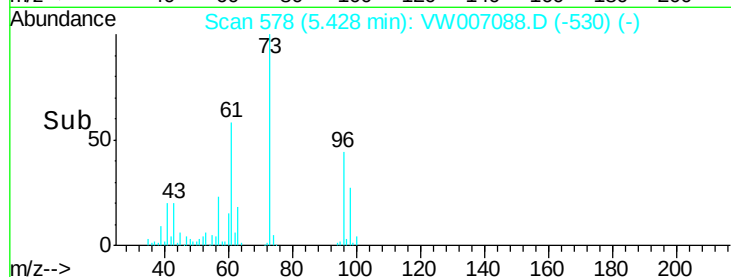
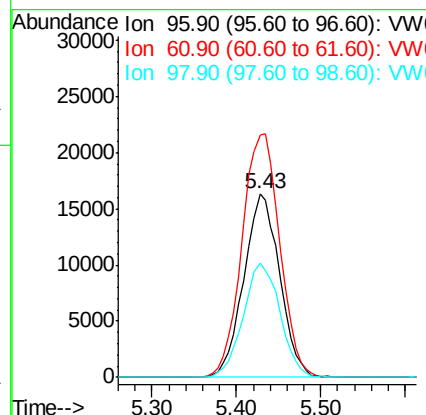
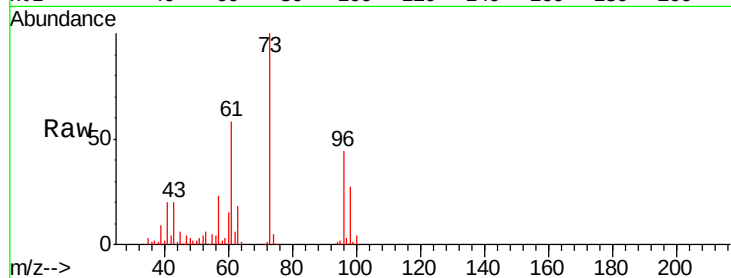
ClientSampleId :

NON-UST-03R-AMS

Tgt Ion:	96	Resp:	47086
Ion	Ratio	Lower	Upper
96	100		
61	131.6	109.4	164.0
98	62.0	48.3	72.5

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#22

Diisopropyl ether

Concen: 77.15 ug/l

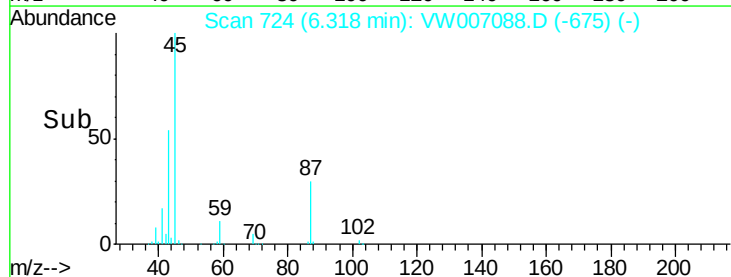
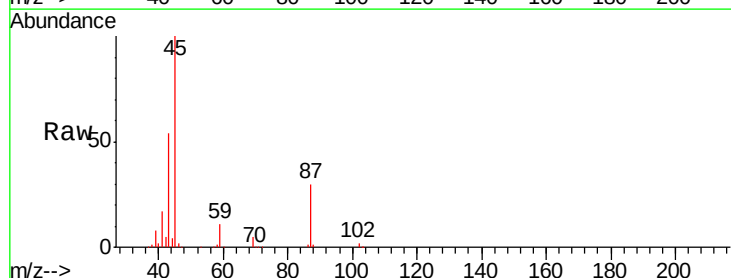
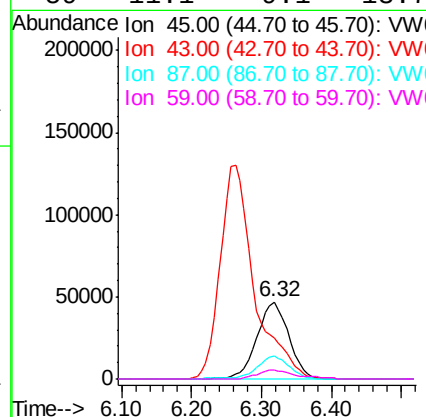
RT: 6.32 min Scan# 724

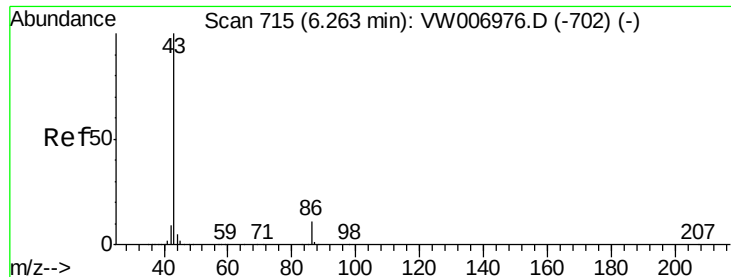
Delta R.T. -0.00 min

Lab File: VW007088.D

Acq: 27 Nov 2018 15:29

Tgt Ion:	45	Resp:	147696
Ion	Ratio	Lower	Upper
45	100		
43	52.9	42.5	63.7
87	29.9	22.8	34.2
59	11.1	9.1	13.7





#23

Vinyl Acetate

Concen: 432.27 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW007088.D

Acq: 27 Nov 2018 15:29

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMS

Tgt Ion: 43 Resp: 439460

Ion Ratio Lower Upper

43 100

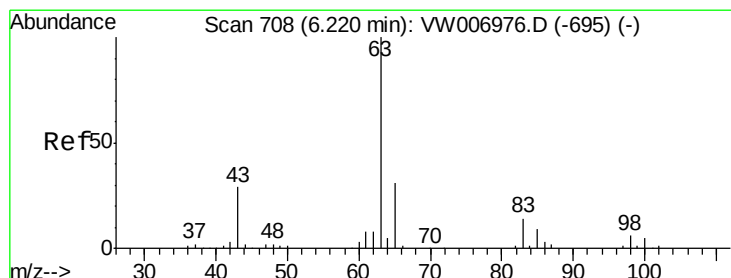
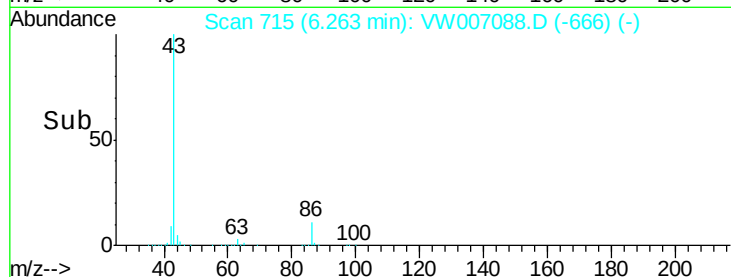
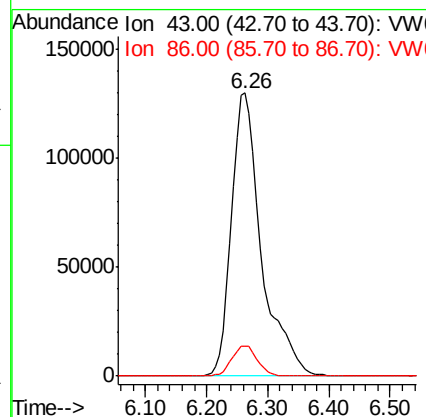
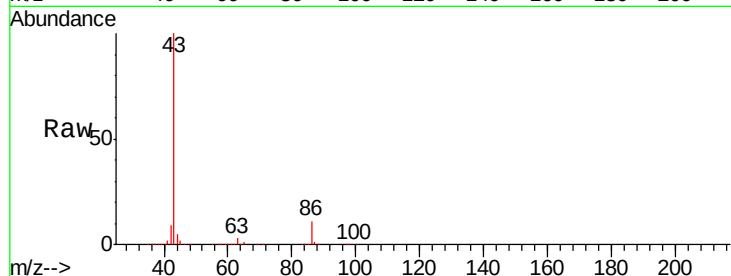
86 10.7 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 72.29 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW007088.D

Acq: 27 Nov 2018 15:29

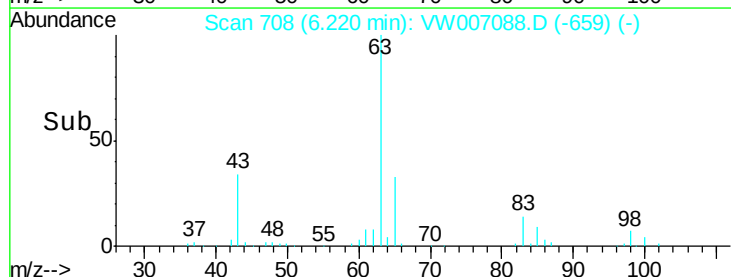
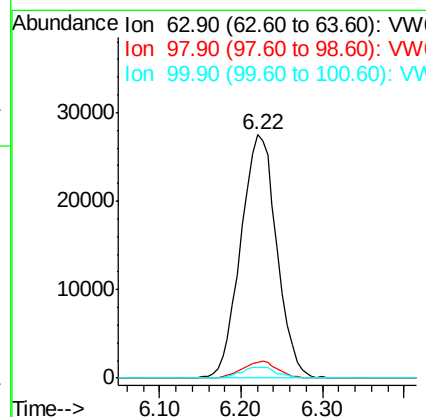
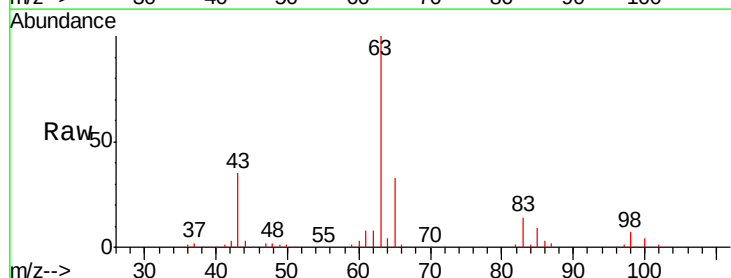
Tgt Ion: 63 Resp: 84196

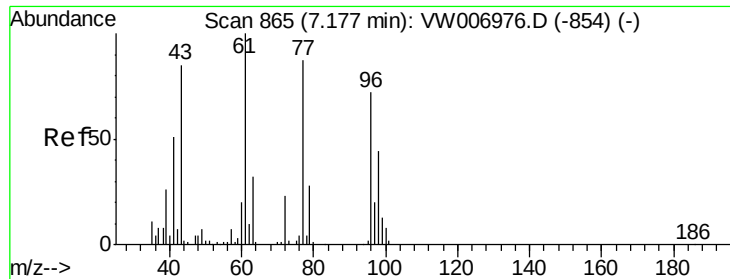
Ion Ratio Lower Upper

63 100

98 6.7 3.1 9.4

100 4.1 2.3 6.9





#25

2-Butanone

Concen: 446.47 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW007088.D

Acq: 27 Nov 2018 15:29

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMS

Tgt Ion: 43 Resp: 71211

Ion Ratio Lower Upper

43 100

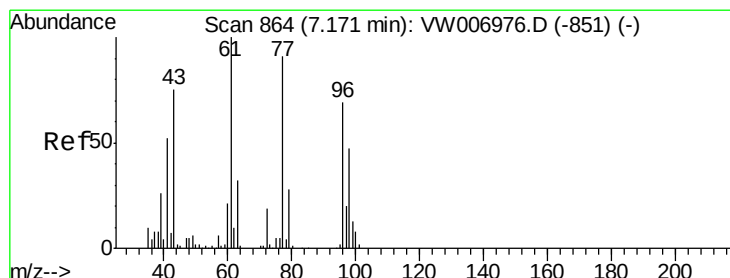
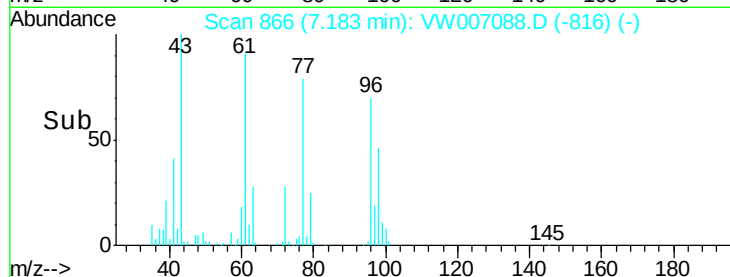
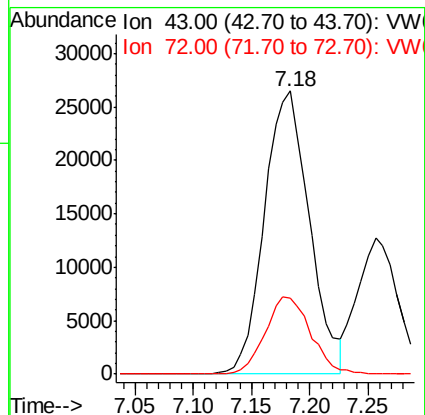
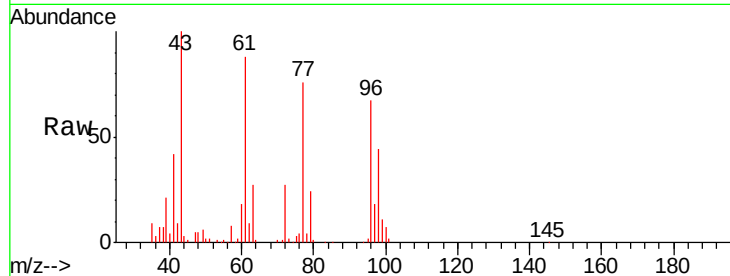
72 27.1 21.3 31.9

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#26

2,2-Dichloropropane

Concen: 65.69 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007088.D

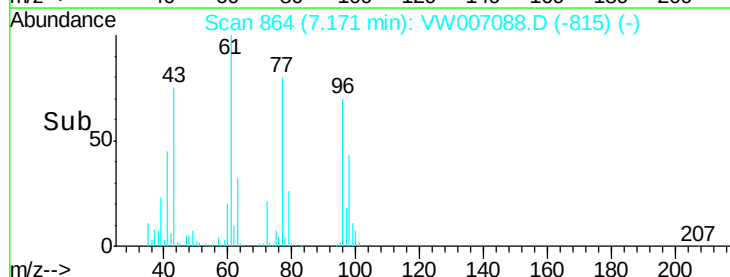
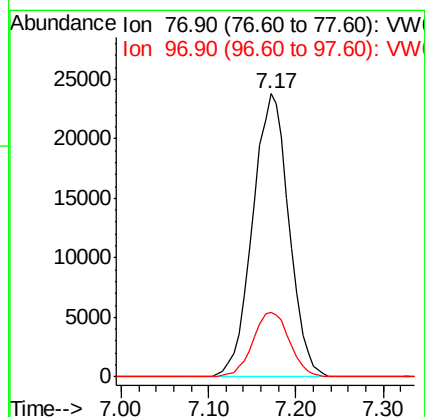
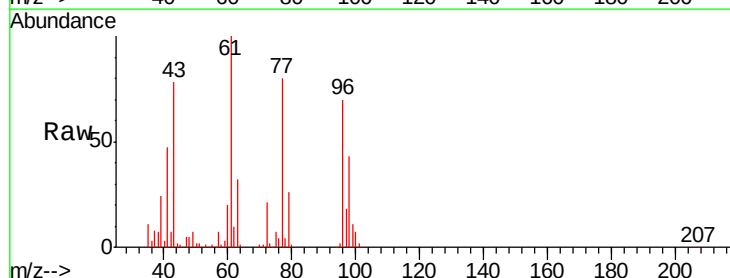
Acq: 27 Nov 2018 15:29

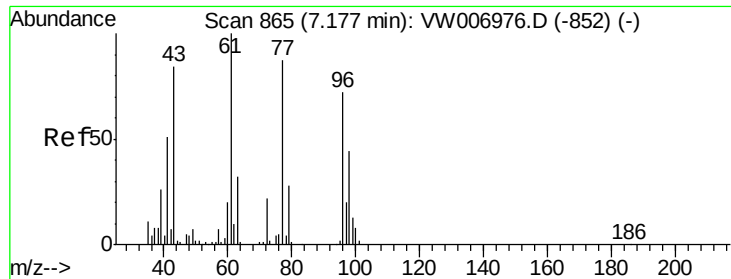
Tgt Ion: 77 Resp: 68797

Ion Ratio Lower Upper

77 100

97 23.2 11.4 34.1





#27

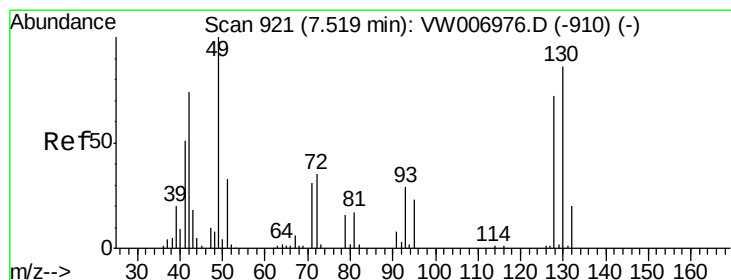
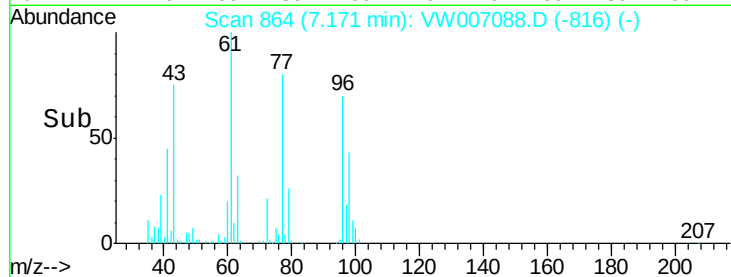
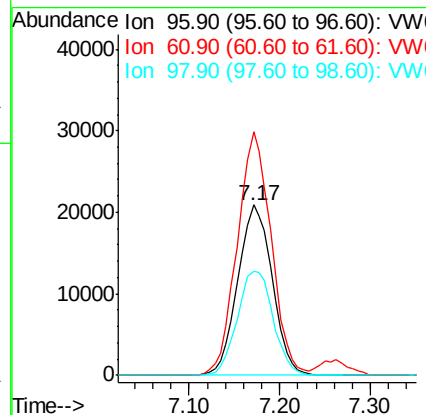
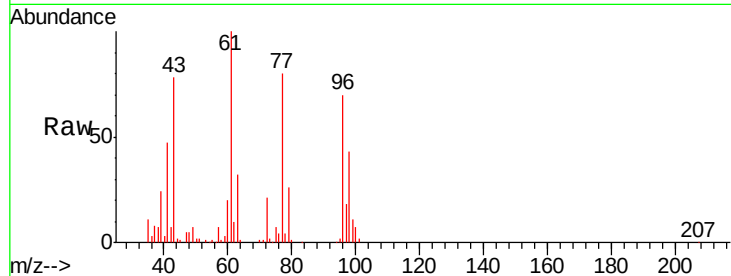
cis-1,2-Dichloroethene
Concen: 74.83 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW007088.D
Acq: 27 Nov 2018 15:29

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

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	55050		
61	140.6	0.0	292.6	
98	63.4	0.0	129.8	

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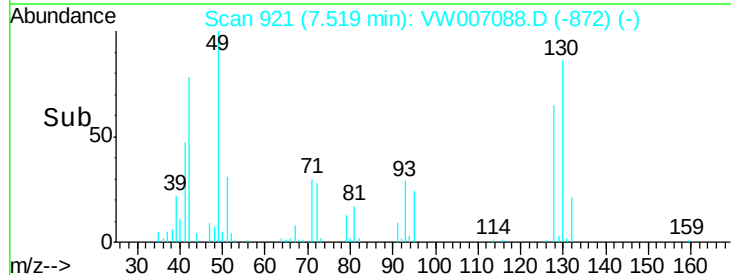
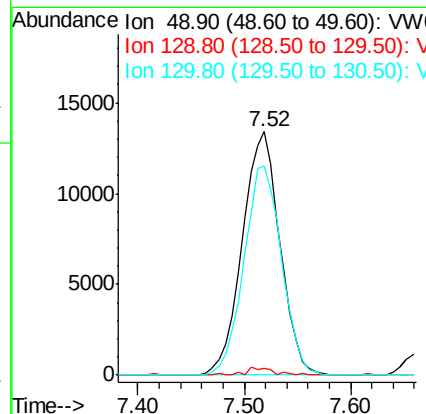
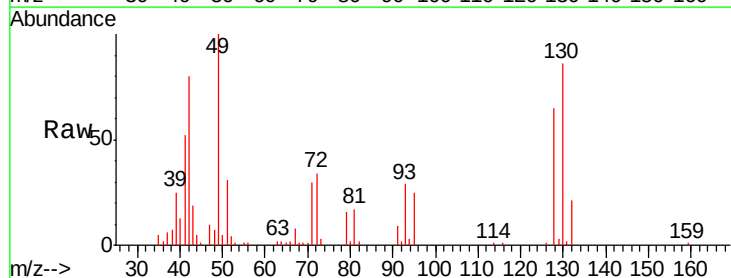
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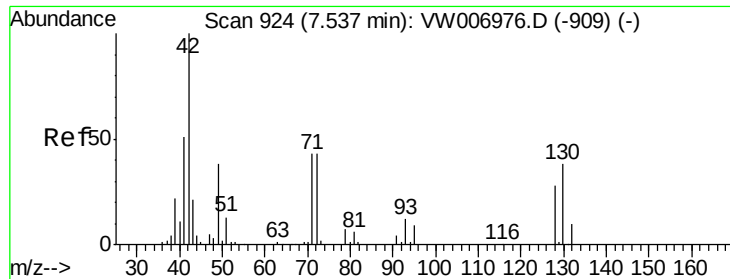


#28

Bromochloromethane
Concen: 76.37 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW007088.D
Acq: 27 Nov 2018 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	33241		
129	2.1	0.0	2.0#	
130	86.1	69.0	103.4	





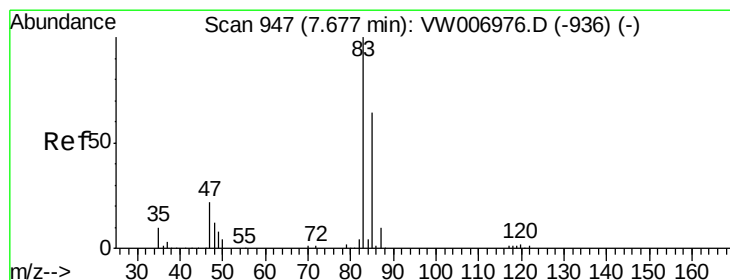
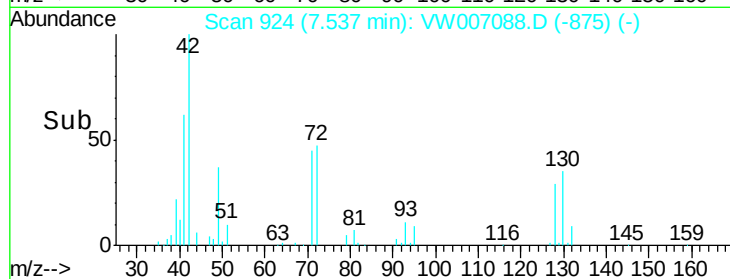
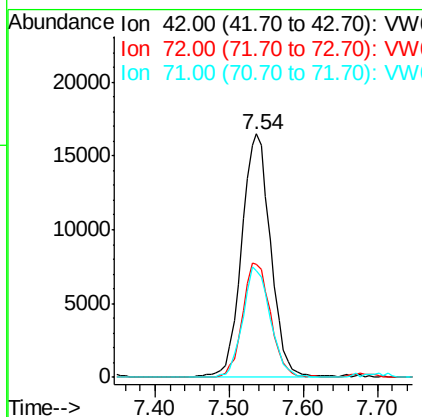
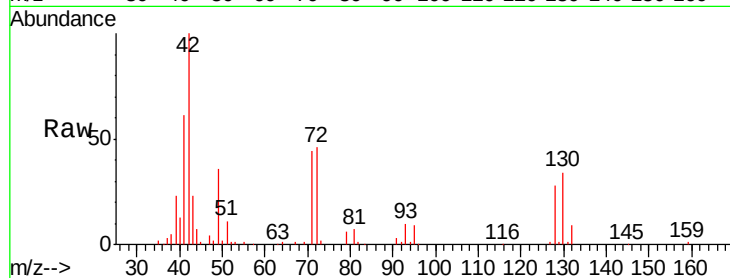
#29
Tetrahydrofuran
Concen: 435.98 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW007088.D
Acq: 27 Nov 2018 15:29

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

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.5	36.2	54.4
71	43.0	33.8	50.8

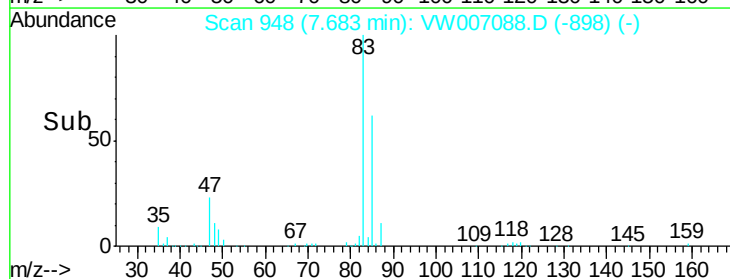
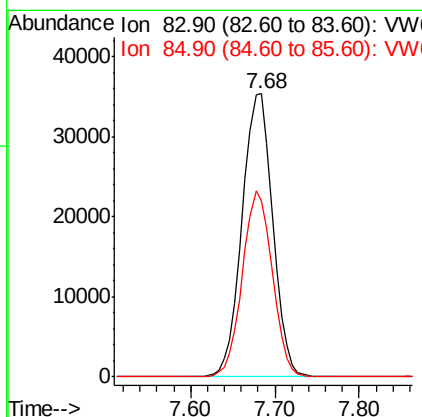
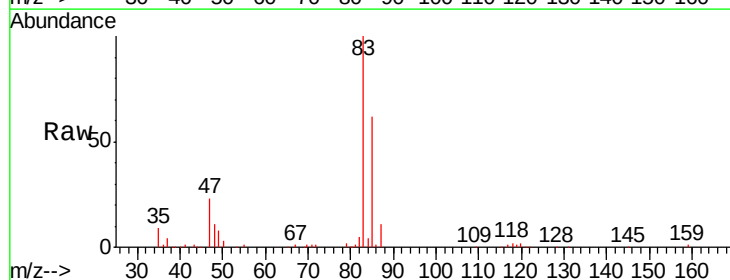
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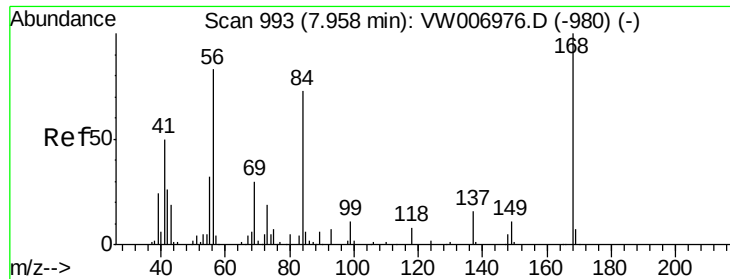
apatel
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#30
Chloroform
Concen: 70.31 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW007088.D
Acq: 27 Nov 2018 15:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.3	50.9	76.3





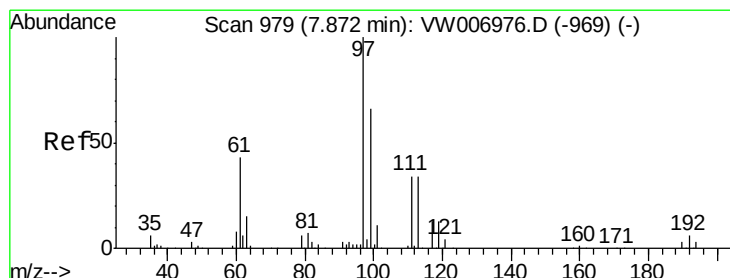
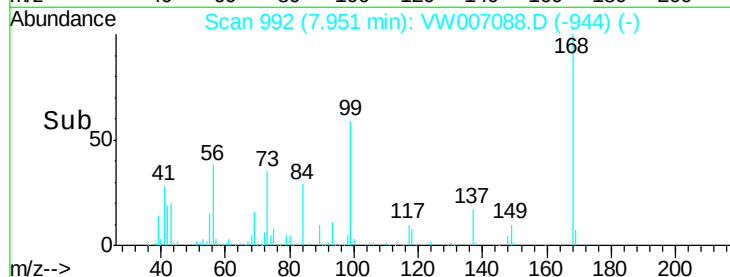
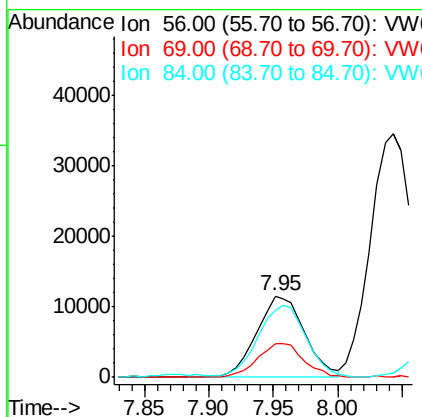
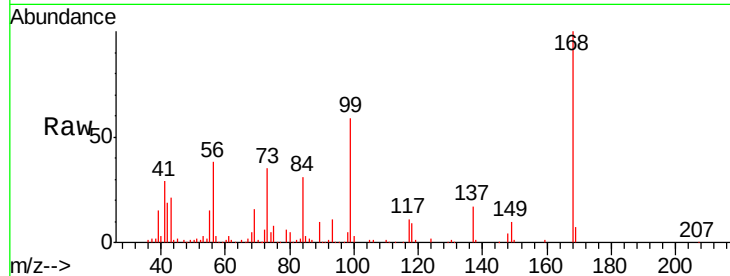
#31
Cyclohexane
Concen: 24.11 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW007088.D
Acq: 27 Nov 2018 15:29

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

Tgt Ion	Ratio	Lower	Upper
56	100		
69	41.4	29.1	43.7
84	80.2	70.6	105.8

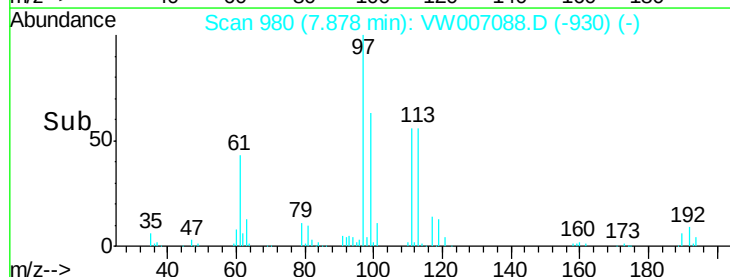
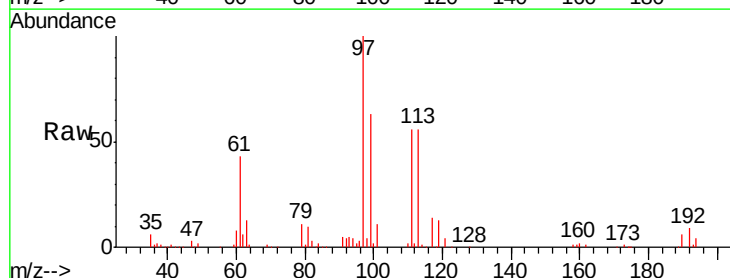
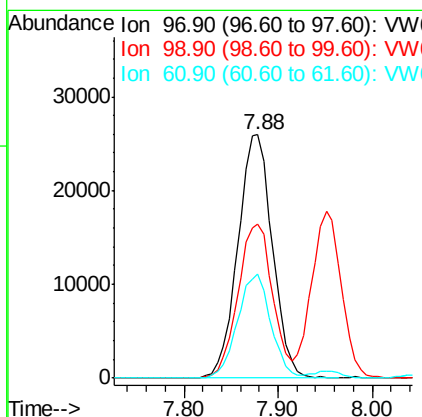
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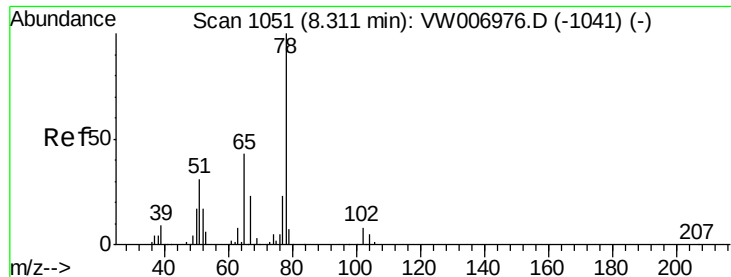
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#32
1,1,1-Trichloroethane
Concen: 59.67 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW007088.D
Acq: 27 Nov 2018 15:29

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.9	77.9
61	41.2	33.4	50.2





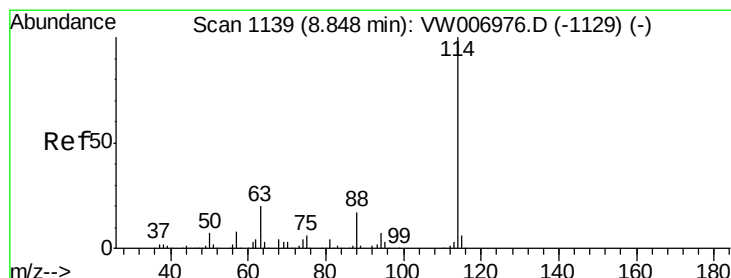
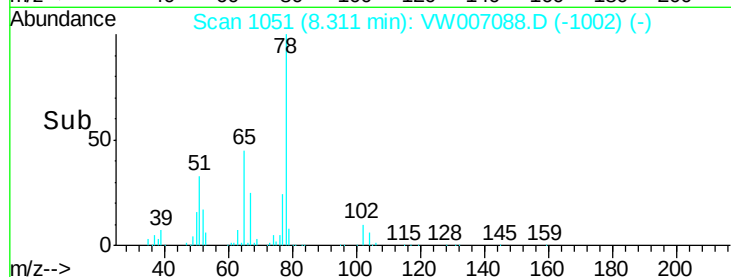
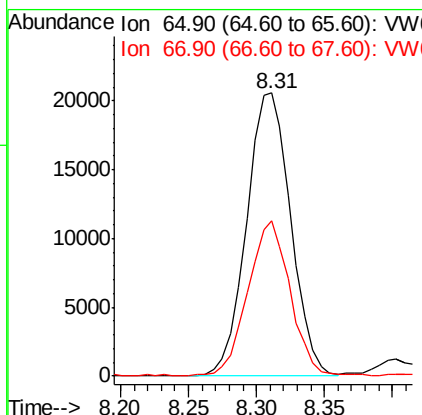
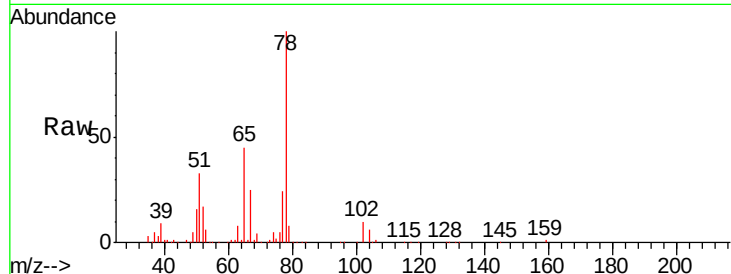
#33
 1,2-Dichloroethane-d4
 Concen: 72.88 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW007088.D
 Acq: 27 Nov 2018 15:29

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

Tgt Ion: 65 Resp: 46748
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 106.2

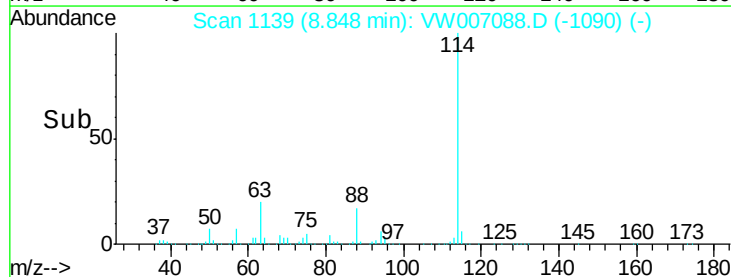
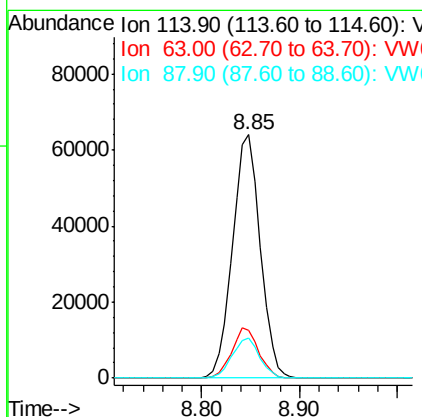
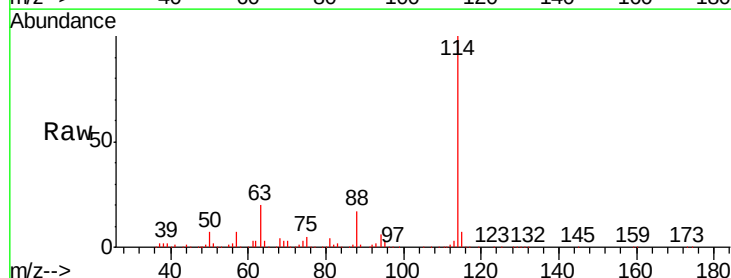
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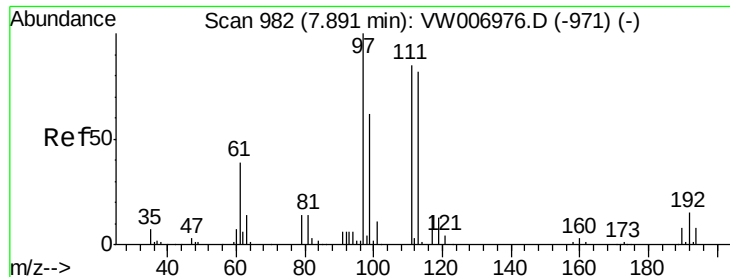
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007088.D
 Acq: 27 Nov 2018 15:29

Tgt Ion: 114 Resp: 126085
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.4
 88 16.6 0.0 34.2





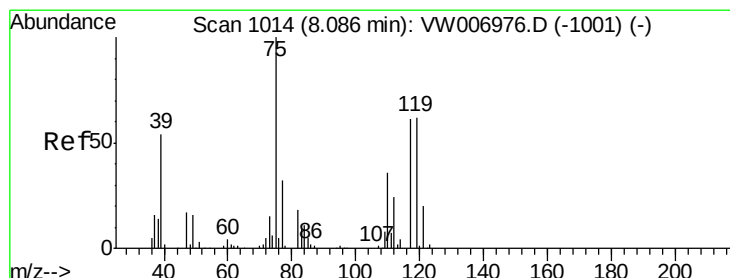
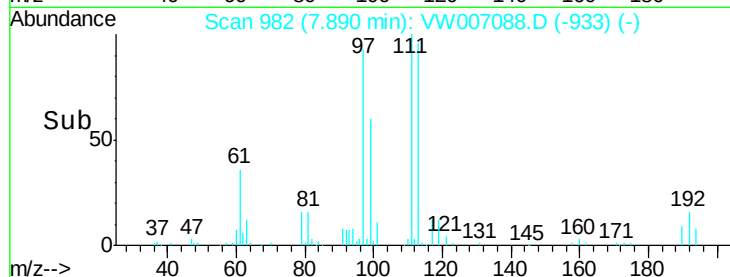
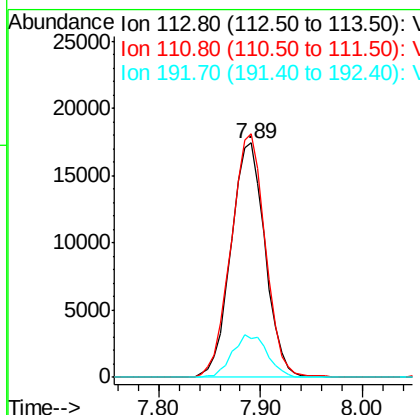
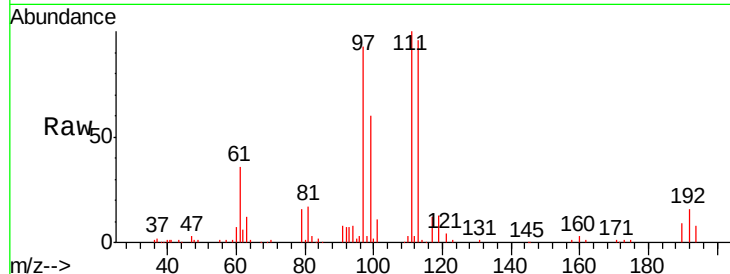
#35
 Dibromofluoromethane
 Concen: 56.69 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW007088.D
 Acq: 27 Nov 2018 15:29

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

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	40365		
111	104.4	81.0	121.6	
192	18.7	15.0	22.6	

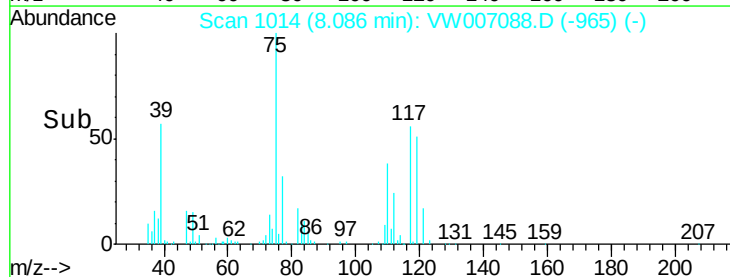
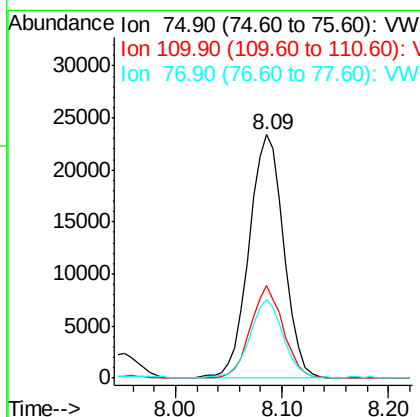
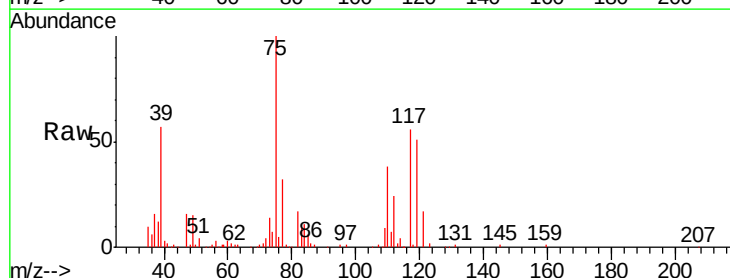
Manual Integrations
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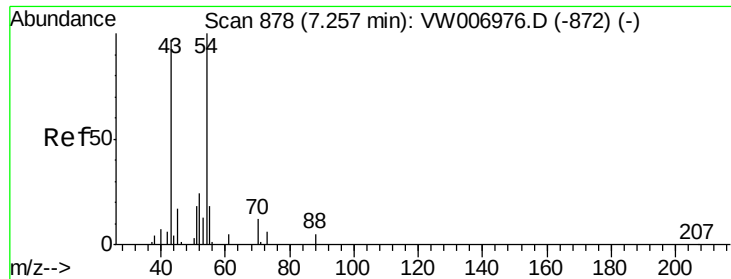
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#36
 1,1-Dichloropropene
 Concen: 43.41 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW007088.D
 Acq: 27 Nov 2018 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	53488		
110	35.6	18.0	54.0	
77	31.6	24.9	37.3	





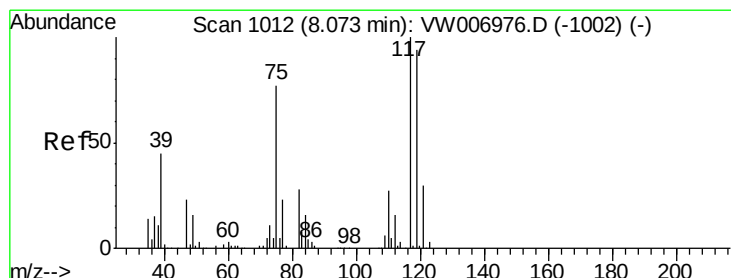
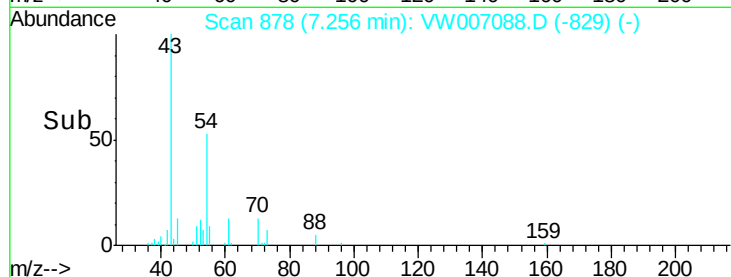
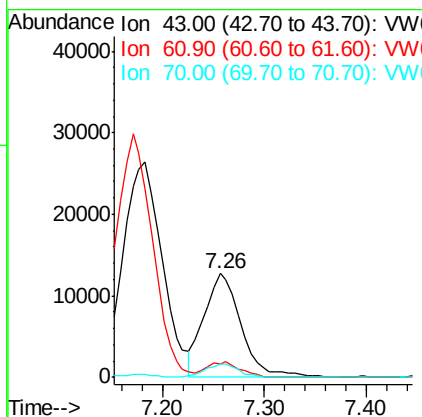
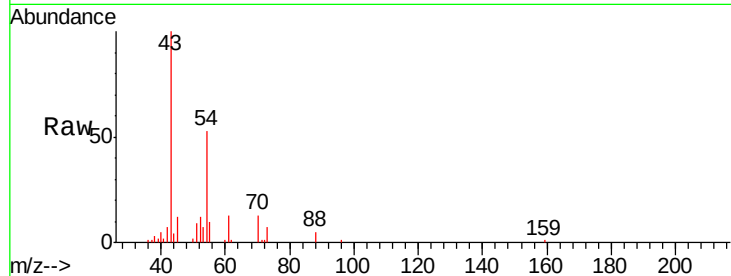
#37
 Ethyl Acetate
 Concen: 71.29 ug/l
 RT: 7.26 min Scan# 878
 Delta R.T. -0.00 min
 Lab File: VW007088.D
 Acq: 27 Nov 2018 15:29

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

Tgt Ion: 43 Resp: 31828
 Ion Ratio Lower Upper
 43 100
 61 13.8 10.4 15.6
 70 12.1 8.8 13.2

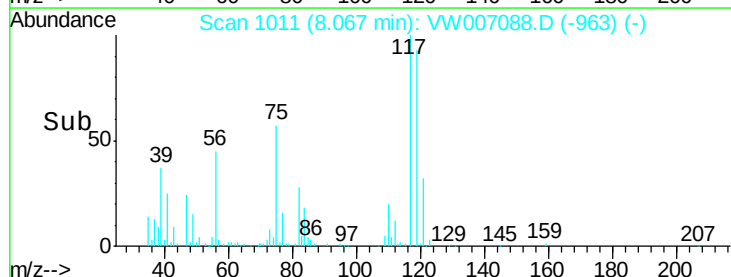
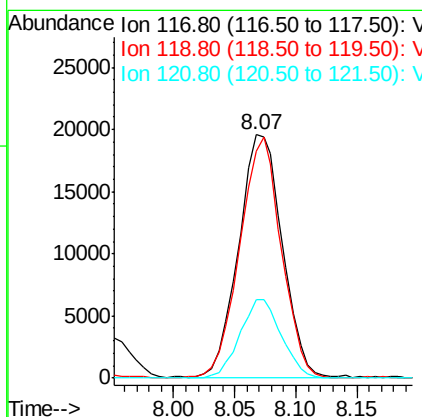
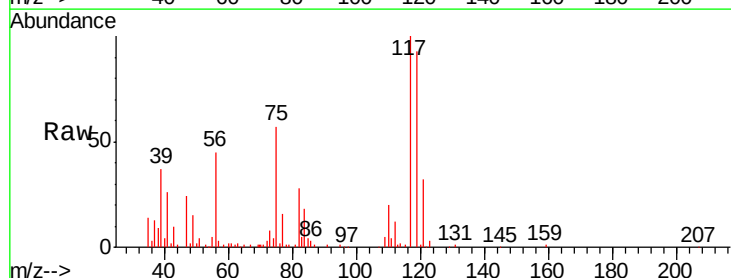
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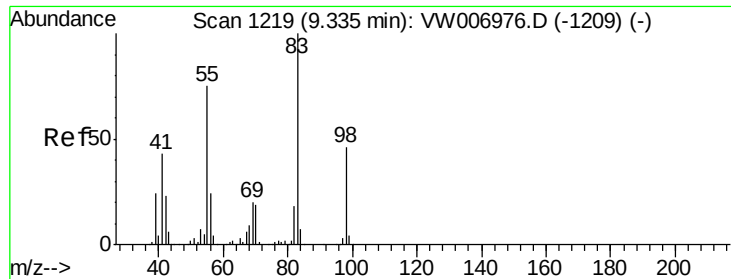
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#38
 Carbon Tetrachloride
 Concen: 40.86 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: VW007088.D
 Acq: 27 Nov 2018 15:29

Tgt Ion: 117 Resp: 48213
 Ion Ratio Lower Upper
 117 100
 119 93.6 74.9 112.3
 121 32.2 23.6 35.4





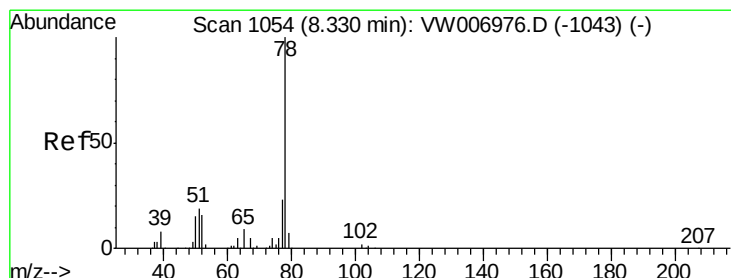
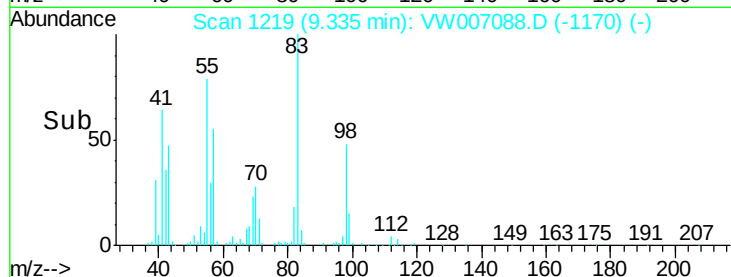
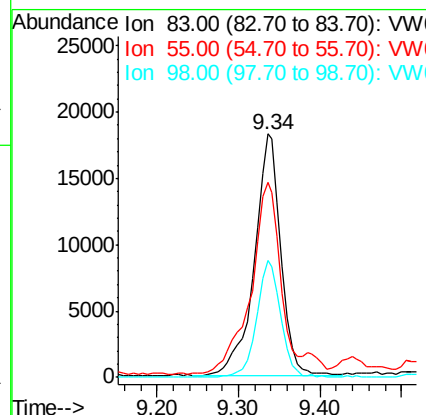
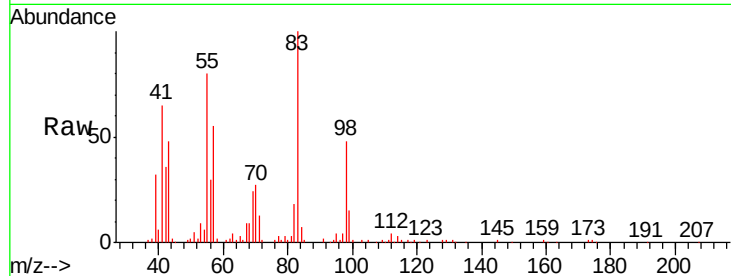
#39
Methylcyclohexane
Concen: 26.87 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007088.D
Acq: 27 Nov 2018 15:29

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

Tgt Ion	Ratio	Lower	Upper
83	100		
55	79.0	59.6	89.4
98	48.2	37.1	55.7

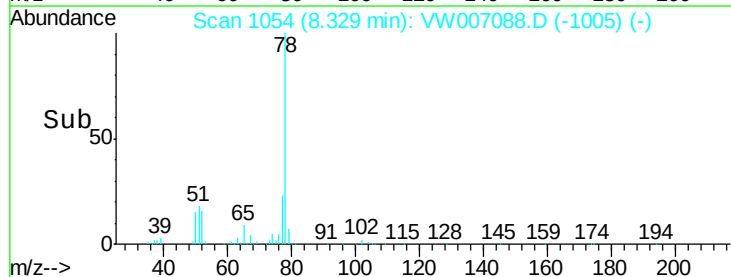
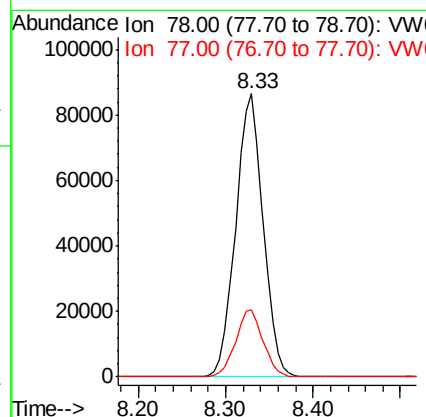
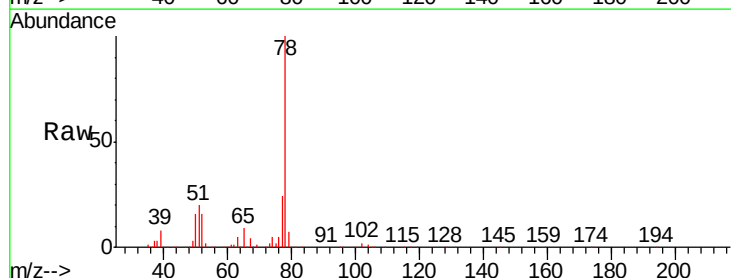
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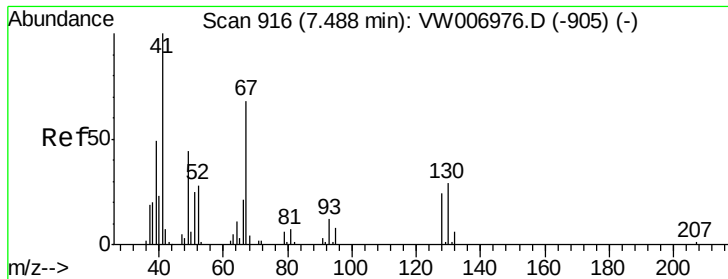
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#40
Benzene
Concen: 56.73 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW007088.D
Acq: 27 Nov 2018 15:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.6	28.0





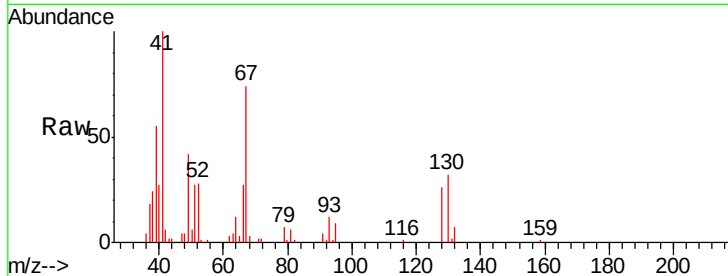
#41
Methacrylonitrile
Concen: 77.99 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW007088.D
Acq: 27 Nov 2018 15:29

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

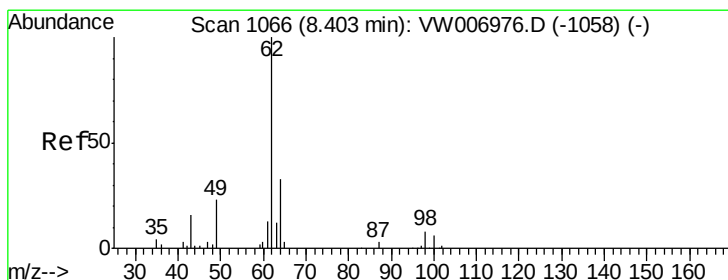
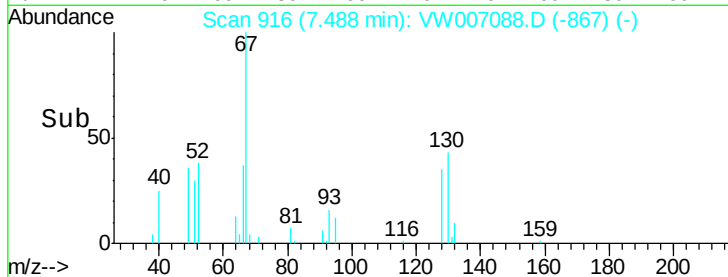
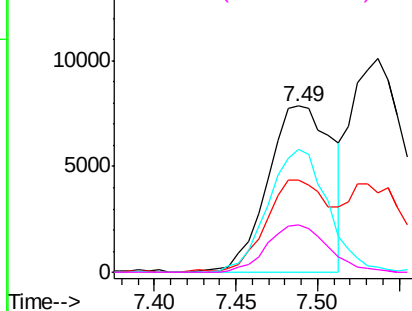
Tgt Ion	Ratio	Lower	Upper
41	100		
39	49.6	48.6	73.0
67	68.5	59.8	89.8
52	26.7	24.8	37.2

Manual Integrations
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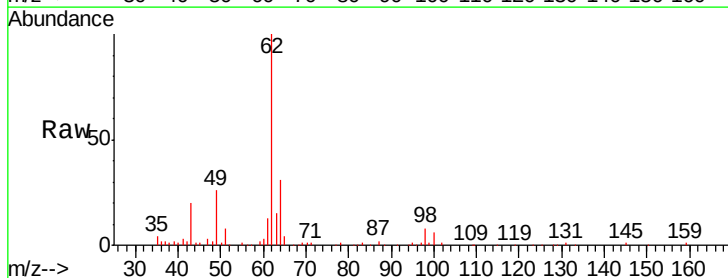


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

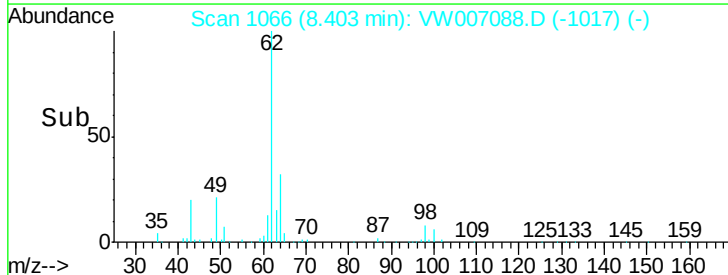
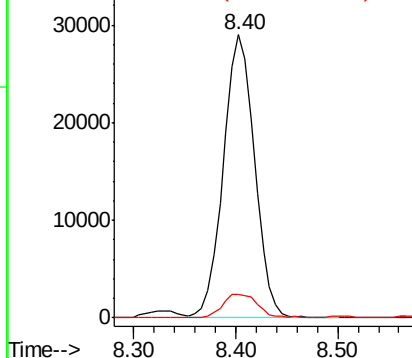


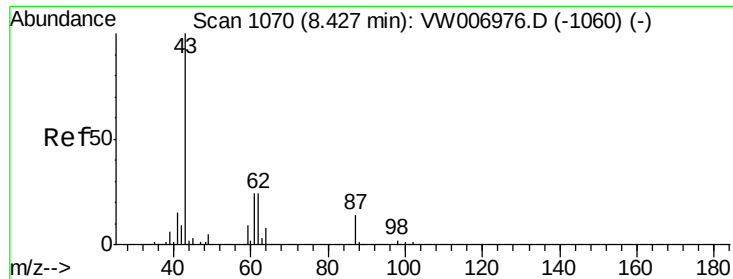
#42
1,2-Dichloroethane
Concen: 63.72 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007088.D
Acq: 27 Nov 2018 15:29

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	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: 77.65 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007088.D

Acq: 27 Nov 2018 15:29

Instrument :

MSVOA_W

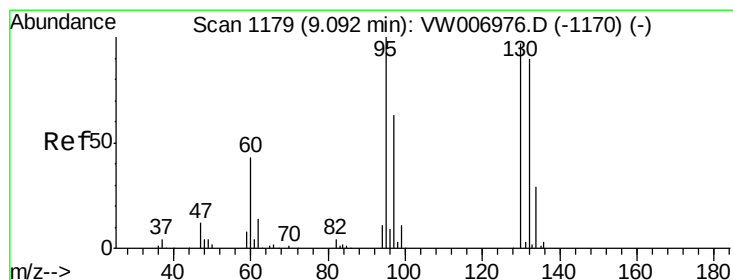
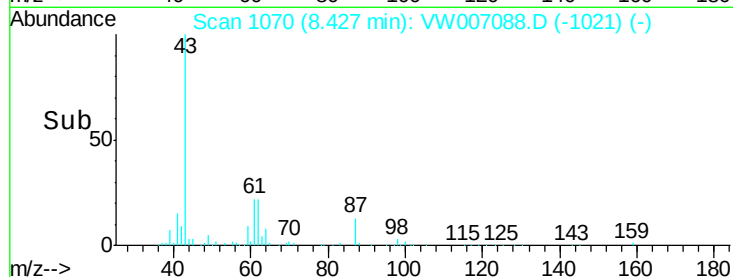
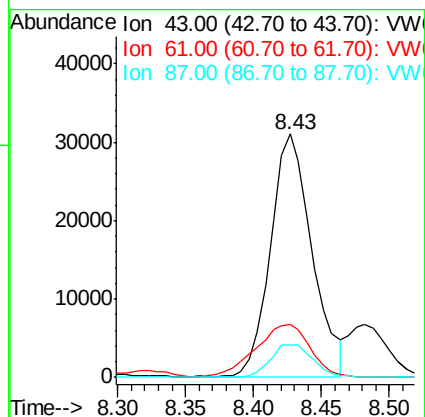
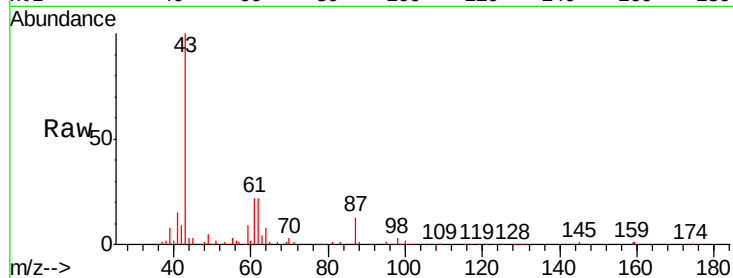
ClientSampleId :

NON-UST-03R-AMS

Tgt Ion:	43	Resp:	66070
Ion	Ratio	Lower	Upper
43	100		
61	28.8	26.1	39.1
87	13.7	11.2	16.8

Manual Integrations
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#44

Trichloroethene

Concen: 47.71 ug/l

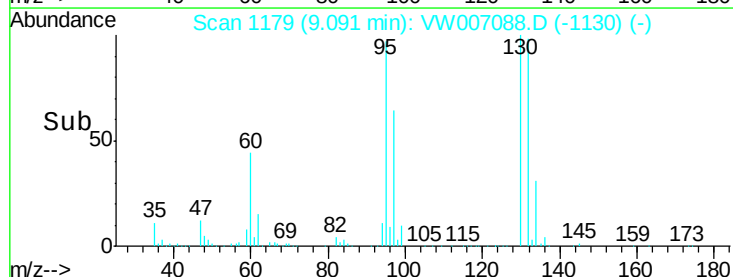
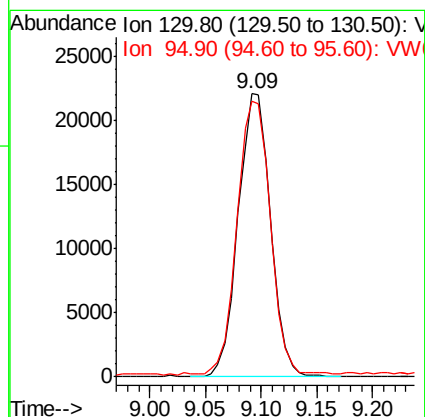
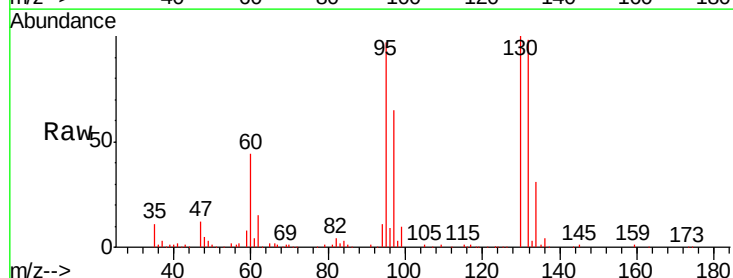
RT: 9.09 min Scan# 1179

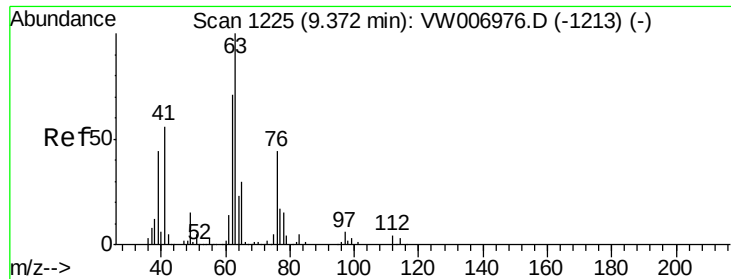
Delta R.T. -0.00 min

Lab File: VW007088.D

Acq: 27 Nov 2018 15:29

Tgt Ion:	130	Resp:	44481
Ion	Ratio	Lower	Upper
130	100		
95	96.3	0.0	206.4





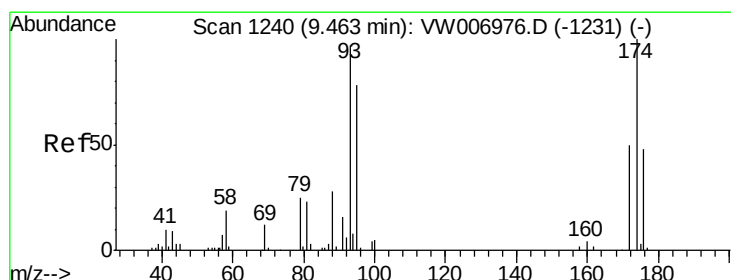
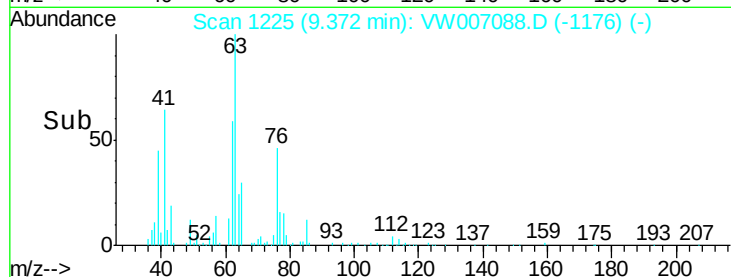
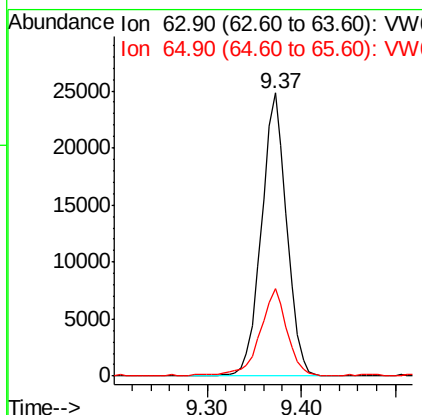
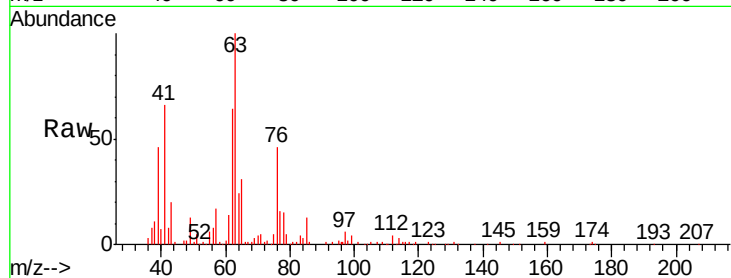
#45
 1,2-Dichloropropane
 Concen: 57.11 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW007088.D
 Acq: 27 Nov 2018 15:29

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

Tgt Ion: 63 Resp: 46826
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.4 36.6

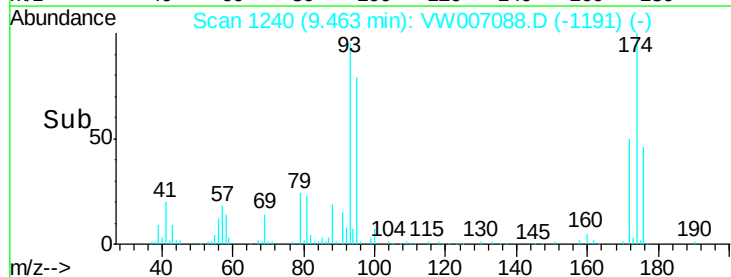
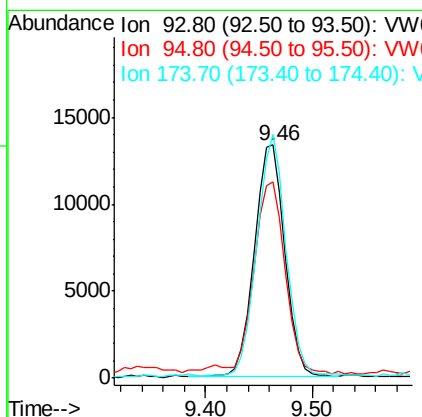
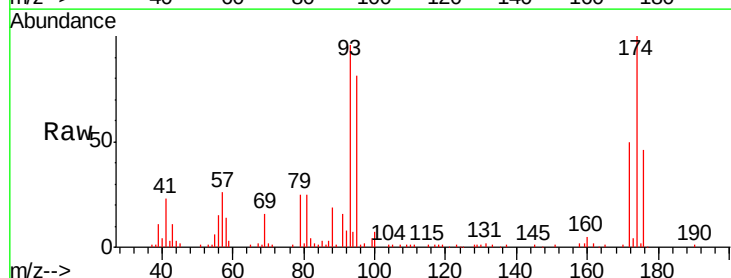
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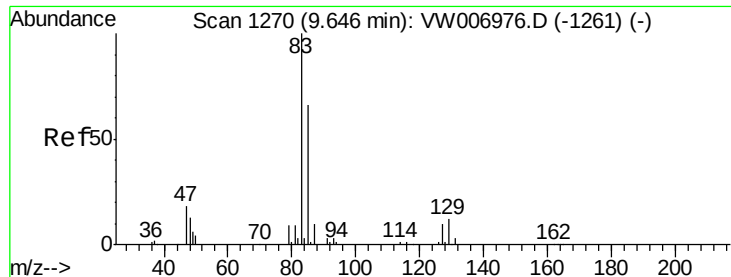
apatel
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#46
 Dibromomethane
 Concen: 65.18 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW007088.D
 Acq: 27 Nov 2018 15:29

Tgt Ion: 93 Resp: 26763
 Ion Ratio Lower Upper
 93 100
 95 84.3 66.1 99.1
 174 100.5 79.7 119.5





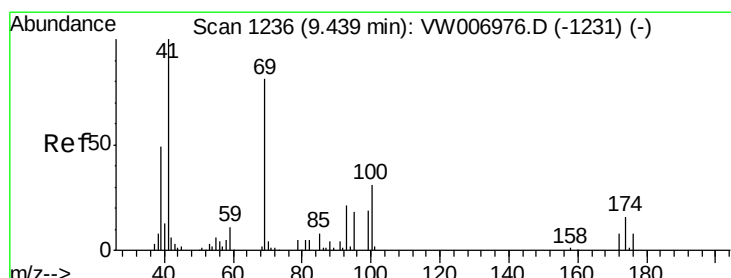
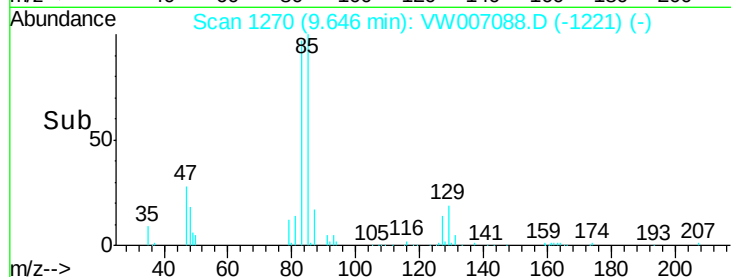
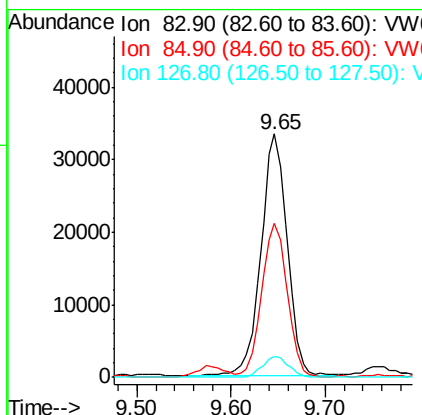
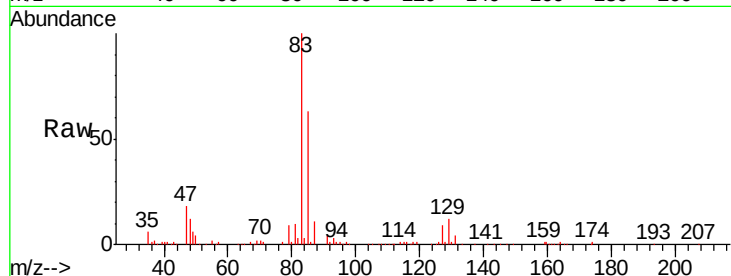
#47
Bromodichloromethane
Concen: 60.43 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW007088.D
Acq: 27 Nov 2018 15:29

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

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	52.9	79.3
127	8.6	7.8	11.6

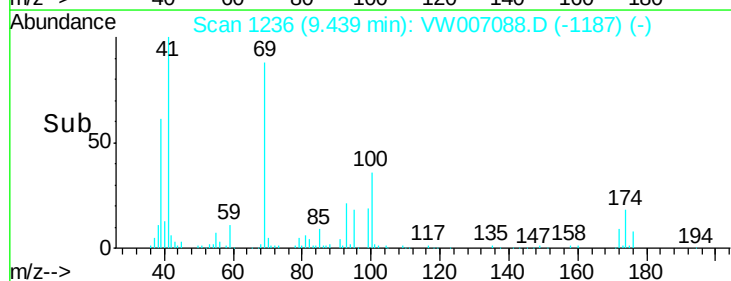
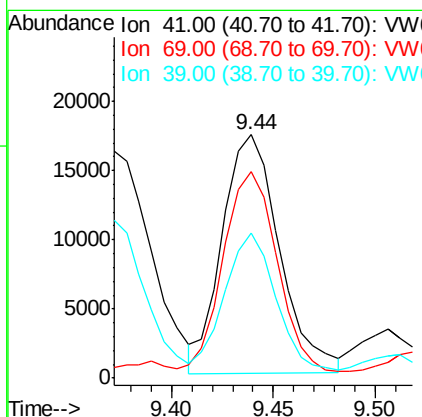
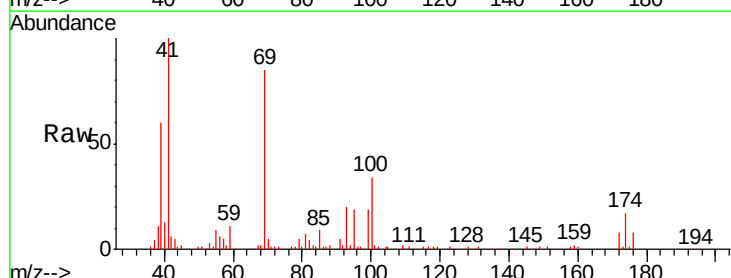
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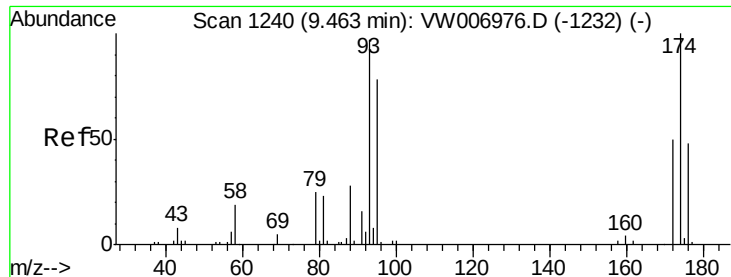
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#48
Methyl methacrylate
Concen: 82.48 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW007088.D
Acq: 27 Nov 2018 15:29

Tgt Ion	Ratio	Lower	Upper
41	100		
69	81.2	71.4	107.0
39	55.8	44.8	67.2





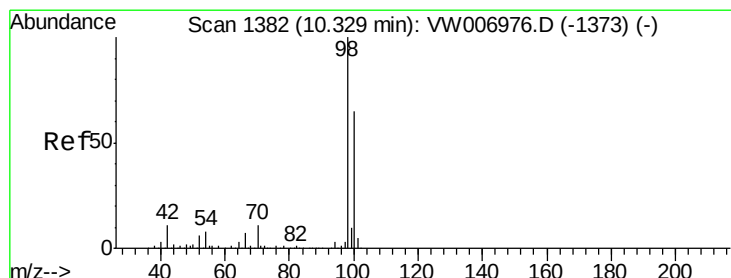
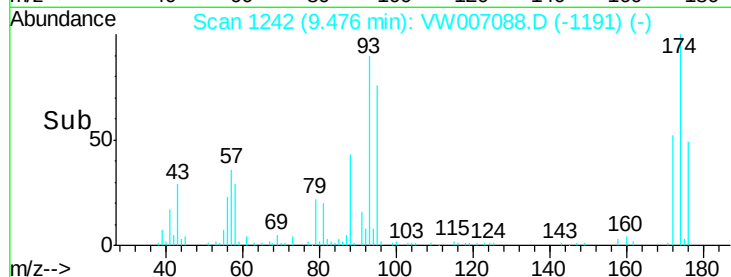
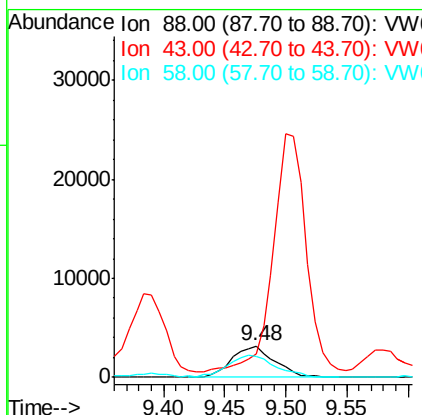
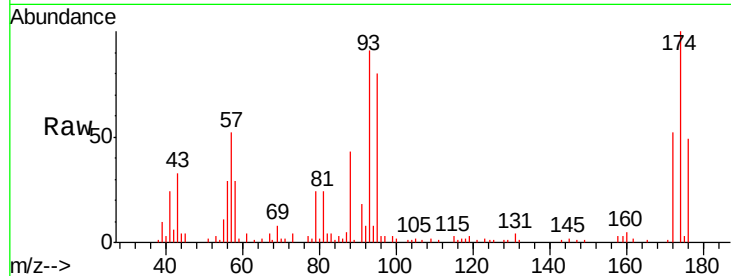
#49
1,4-Dioxane
Concen: 1256.40 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VW007088.D
Acq: 27 Nov 2018 15:29

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

Tgt Ion: 88 Resp: 7667
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 79.0 59.0 88.6

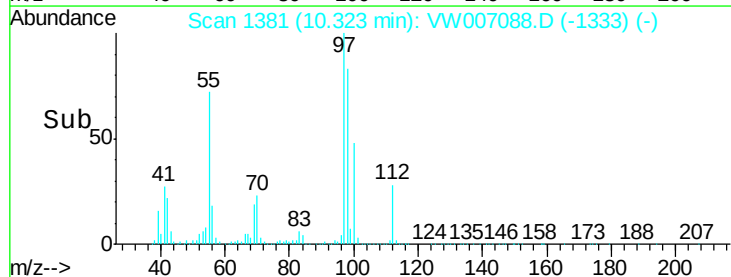
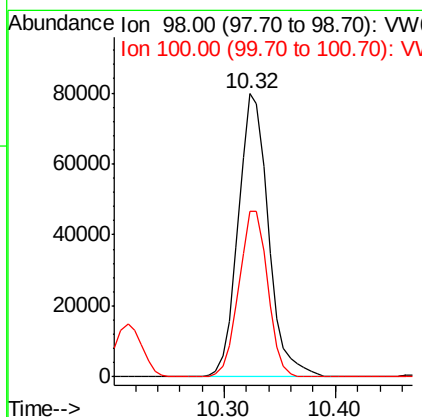
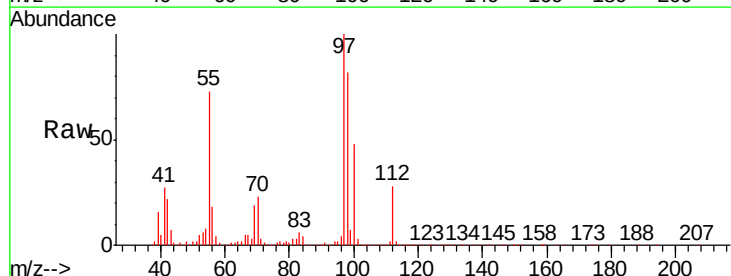
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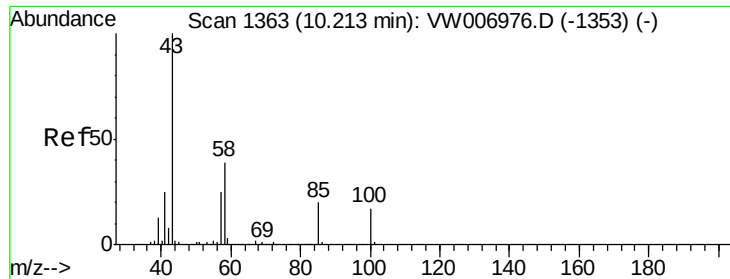
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#50
Toluene-d8
Concen: 47.71 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007088.D
Acq: 27 Nov 2018 15:29

Tgt Ion: 98 Resp: 149999
Ion Ratio Lower Upper
98 100
100 55.9 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 369.79 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007088.D

Acq: 27 Nov 2018 15:29

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMS

Tgt Ion: 43 Resp: 159005

Ion Ratio Lower Upper

43 100

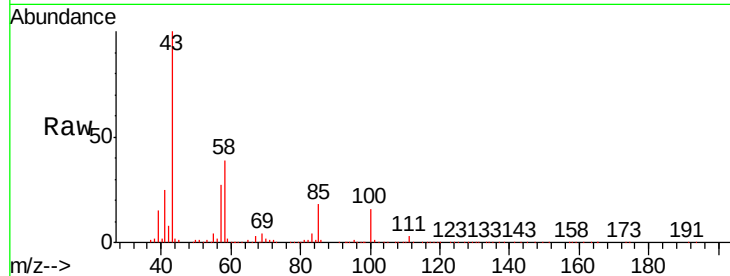
58 39.4 31.8 47.6

Manual Integrations

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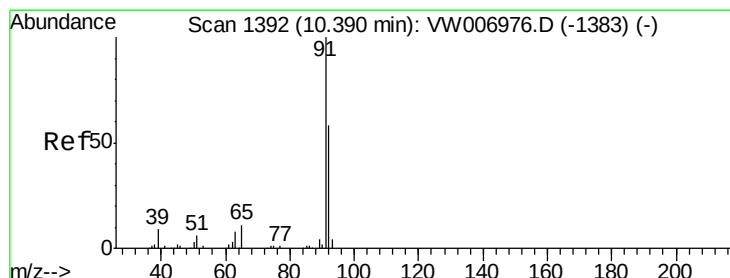
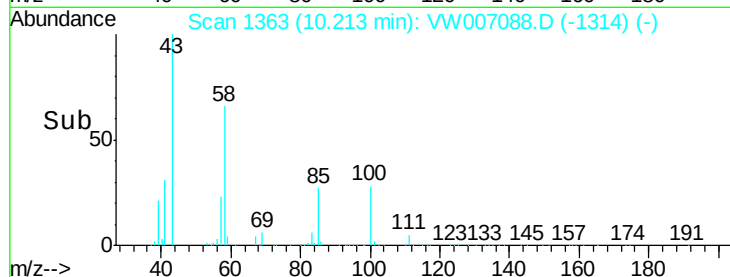
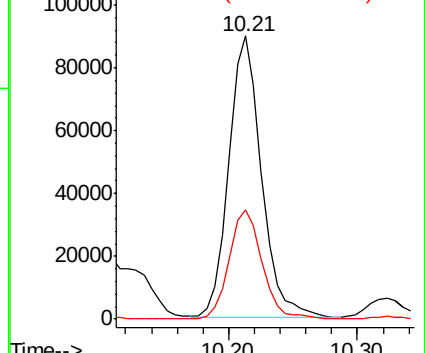
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 43.91 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007088.D

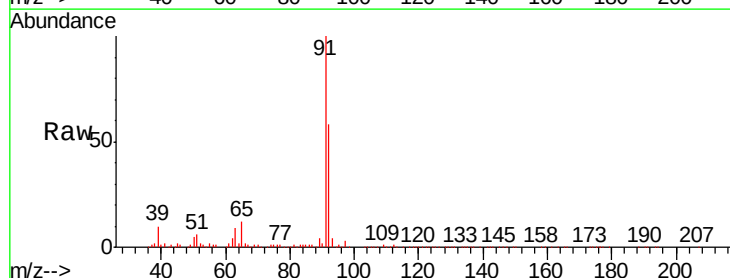
Acq: 27 Nov 2018 15:29

Tgt Ion: 92 Resp: 99379

Ion Ratio Lower Upper

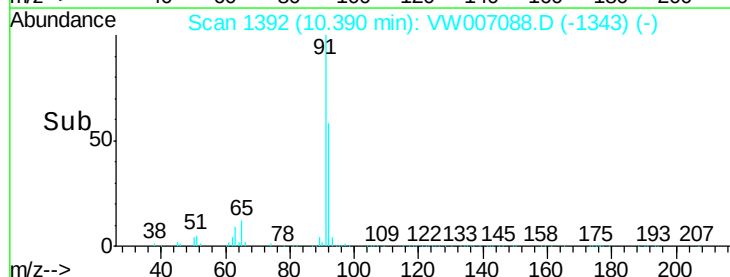
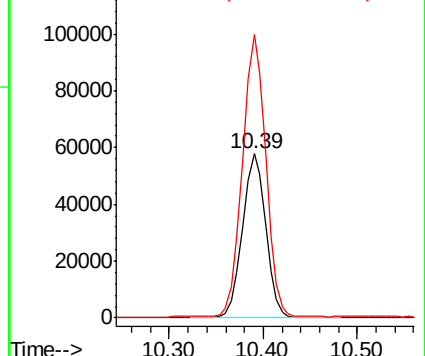
92 100

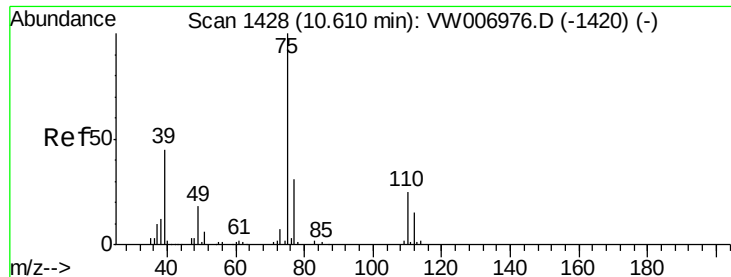
91 172.9 137.3 205.9



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





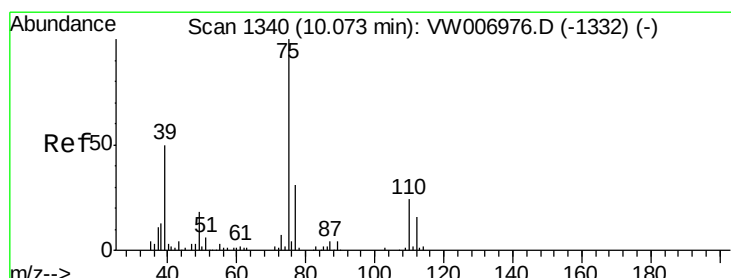
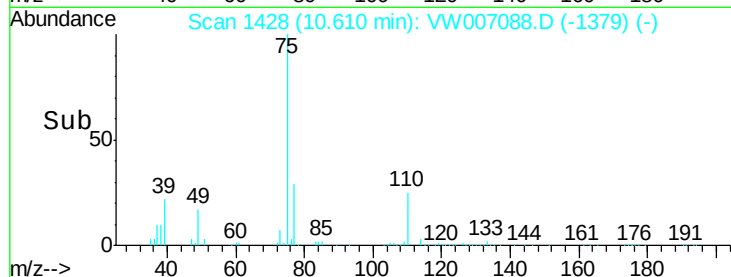
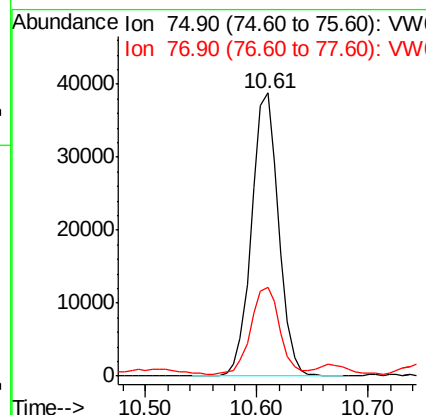
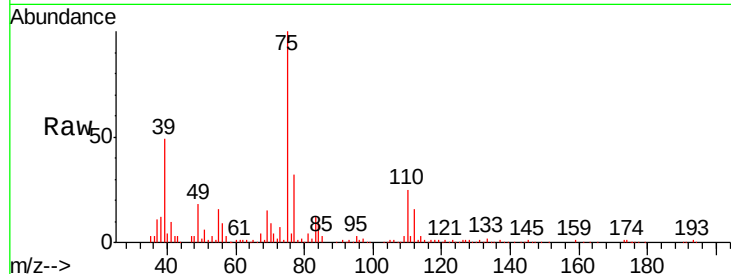
#53
 t-1,3-Dichloropropene
 Concen: 62.57 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW007088.D
 Acq: 27 Nov 2018 15:29

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

Tgt Ion: 75 Resp: 65563
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.7 37.1

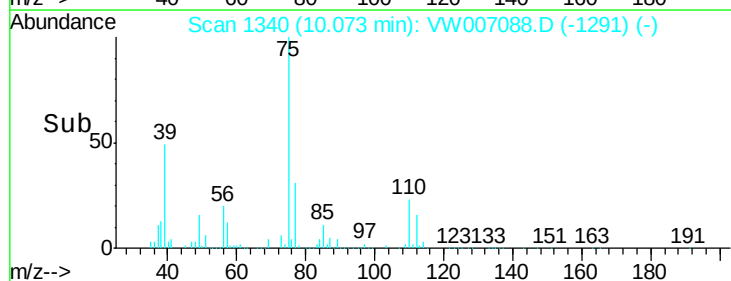
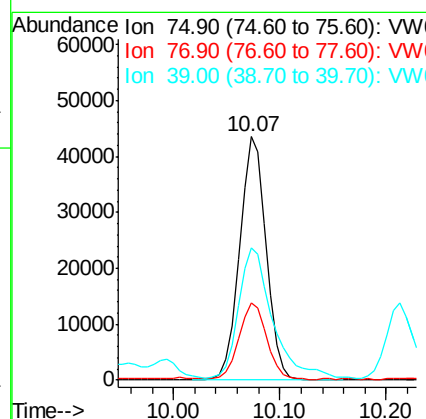
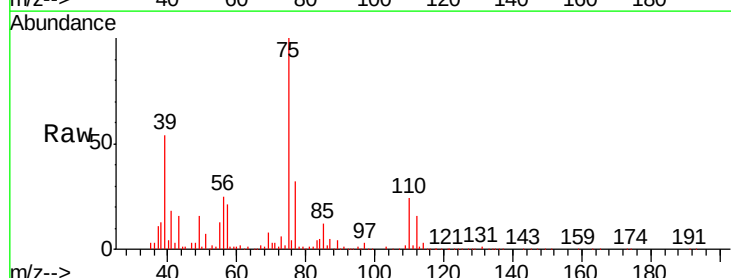
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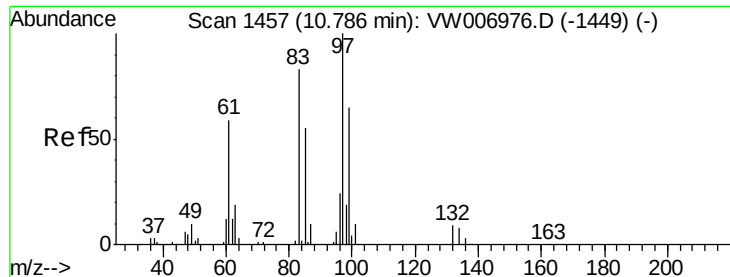
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#54
 cis-1,3-Dichloropropene
 Concen: 60.02 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007088.D
 Acq: 27 Nov 2018 15:29

Tgt Ion: 75 Resp: 75981
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.0 37.6
 39 53.4 39.9 59.9





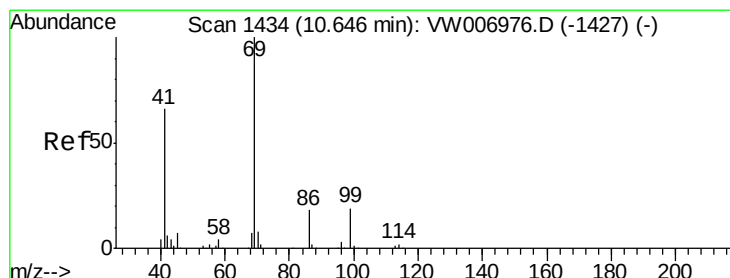
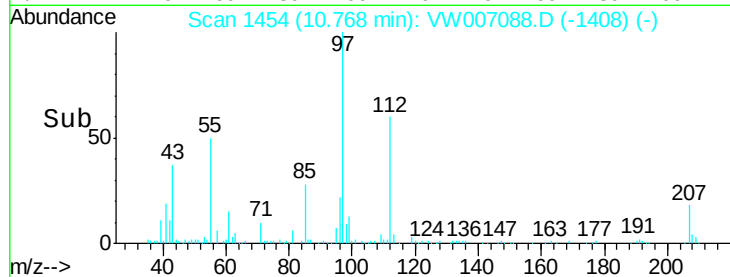
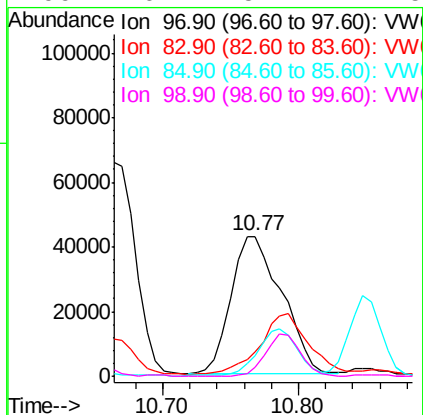
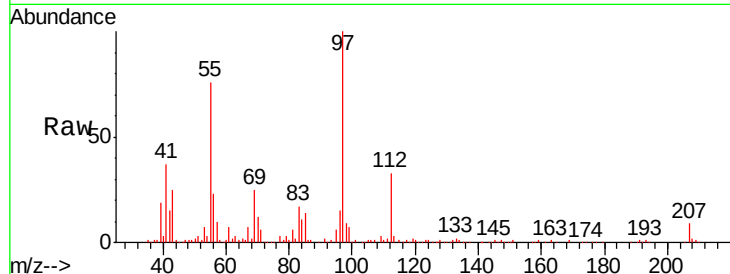
#55
 1,1,2-Trichloroethane
 Concen: 184.31 ug/l
 RT: 10.77 min Scan# 1454
 Delta R.T. -0.02 min
 Lab File: VW007088.D
 Acq: 27 Nov 2018 15:29

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
97	100		
83	16.1	66.4	99.6#
85	14.0	44.1	66.1#
99	6.4	51.7	77.5#

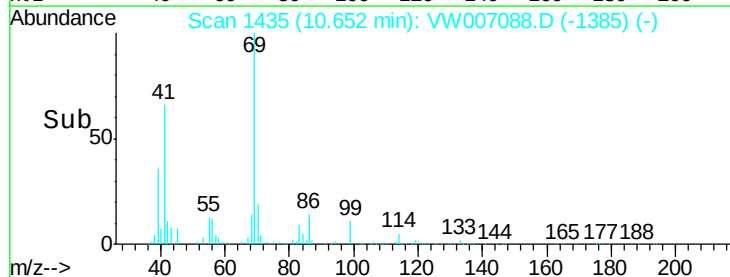
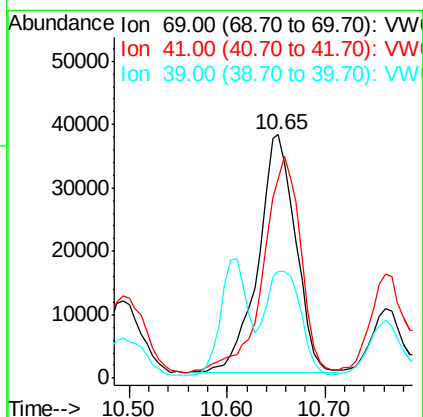
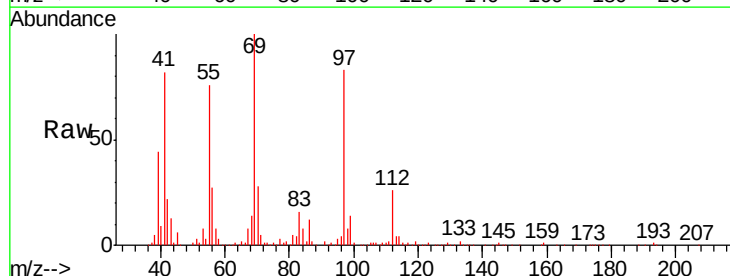
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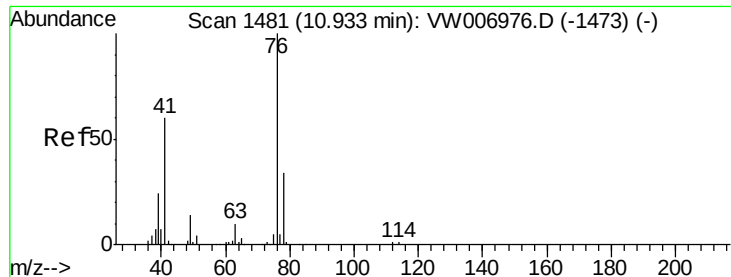
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#56
 Ethyl methacrylate
 Concen: 142.06 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: VW007088.D
 Acq: 27 Nov 2018 15:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
69	100		
41	91.1	53.4	80.0#
39	41.1	28.2	42.4





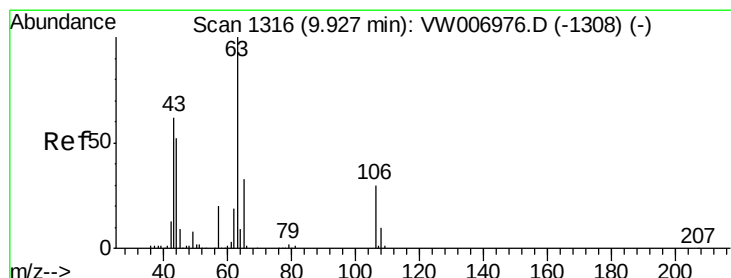
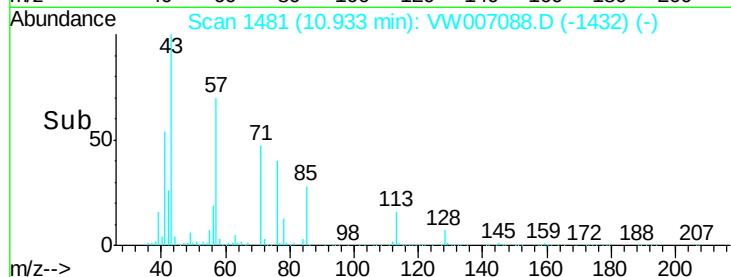
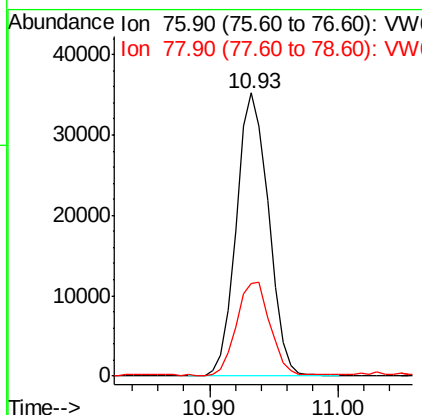
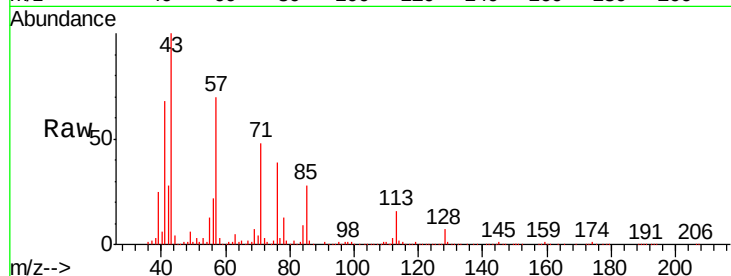
#57
 1,3-Dichloropropane
 Concen: 60.10 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007088.D
 Acq: 27 Nov 2018 15:29

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

Tgt Ion: 76 Resp: 60840
 Ion Ratio Lower Upper
 76 100
 78 33.7 25.8 38.6

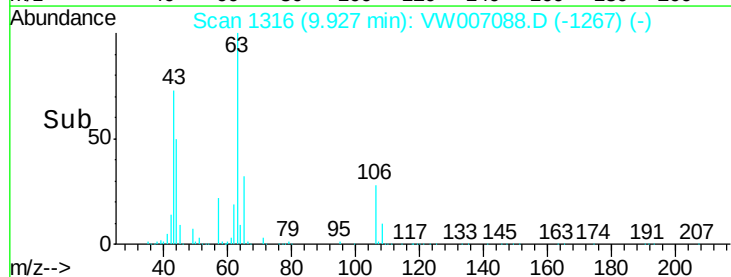
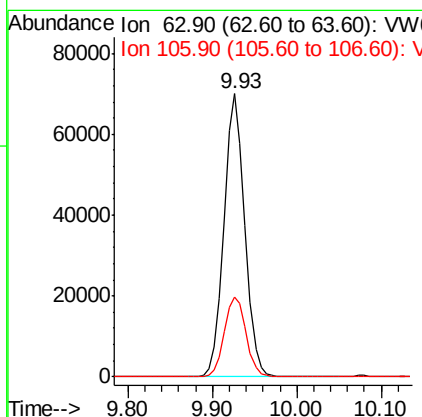
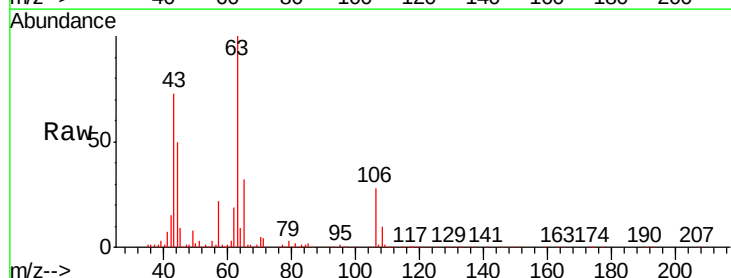
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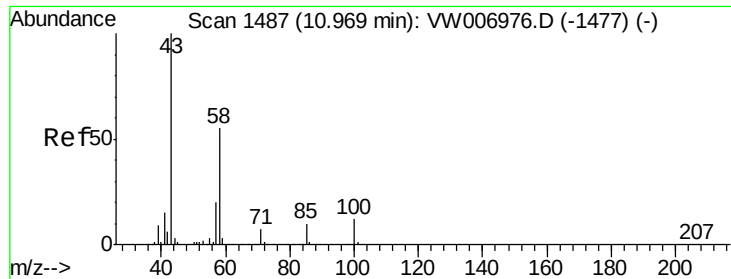
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#58
 2-Chloroethyl Vinyl ether
 Concen: 324.45 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007088.D
 Acq: 27 Nov 2018 15:29

Tgt Ion: 63 Resp: 118881
 Ion Ratio Lower Upper
 63 100
 106 29.4 23.5 35.3





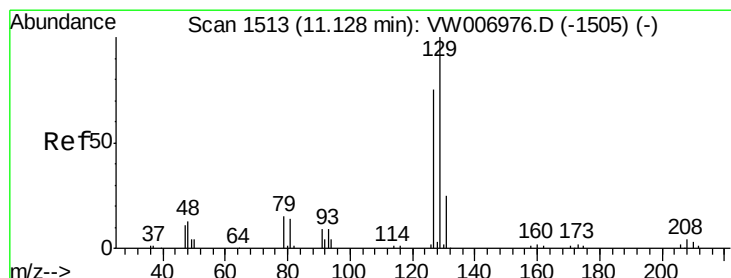
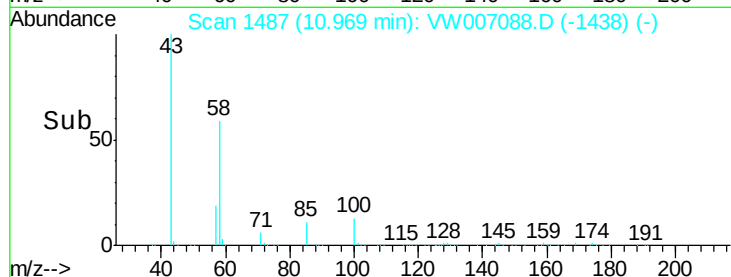
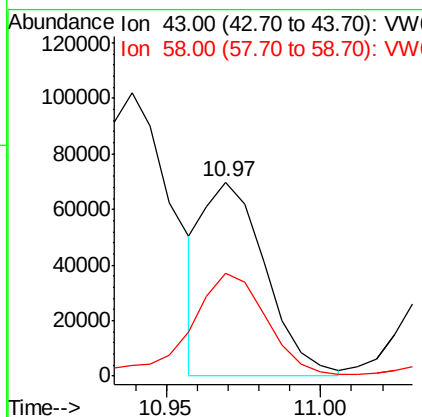
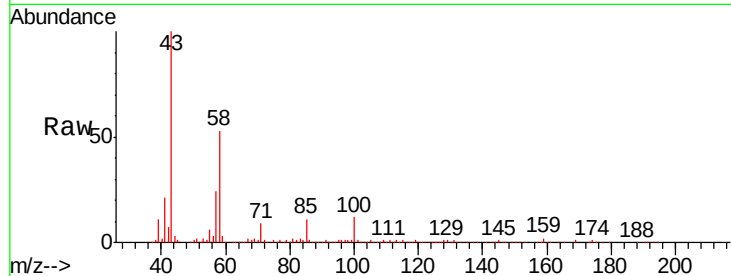
#59
2-Hexanone
Concen: 333.32 ug/l m
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007088.D
Acq: 27 Nov 2018 15:29

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

Tgt Ion: 43 Resp: 98146
Ion Ratio Lower Upper
43 100
58 0.0 27.3 81.8#

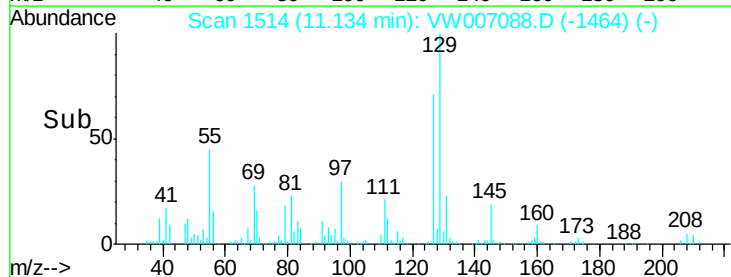
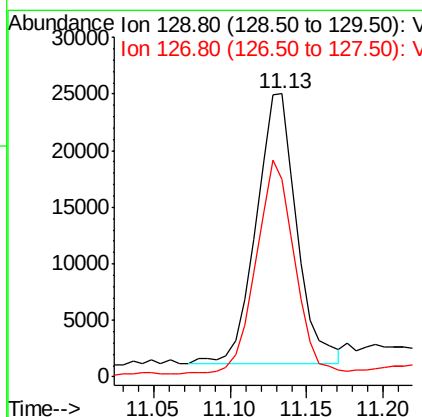
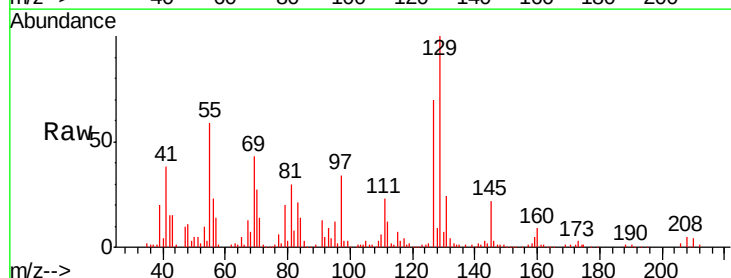
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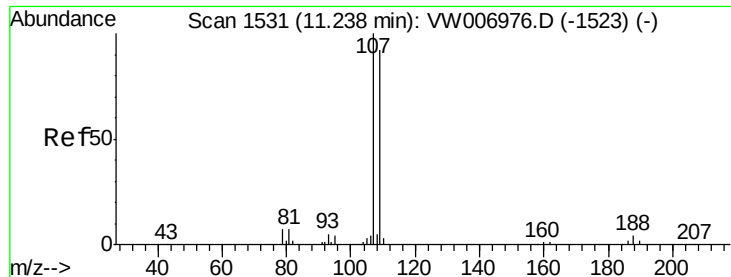
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#60
Dibromochloromethane
Concen: 63.82 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VW007088.D
Acq: 27 Nov 2018 15:29

Tgt Ion: 129 Resp: 43927
Ion Ratio Lower Upper
129 100
127 75.8 38.3 114.8





#61

1,2-Dibromoethane

Concen: 63.34 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW007088.D

Acq: 27 Nov 2018 15:29

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMS

Tgt Ion: 107 Resp: 34999

Ion Ratio Lower Upper

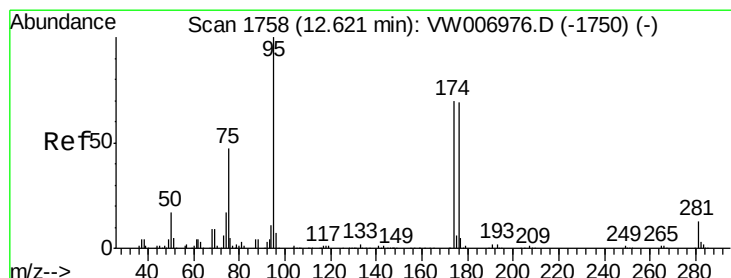
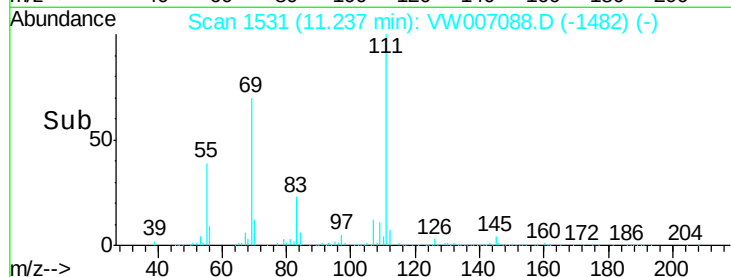
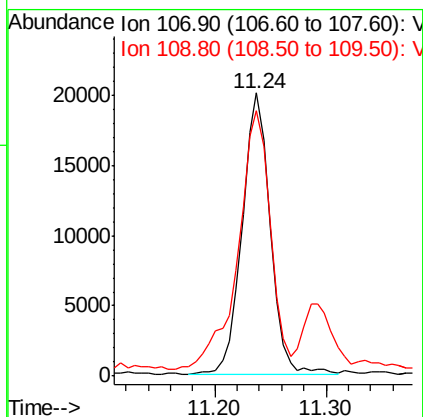
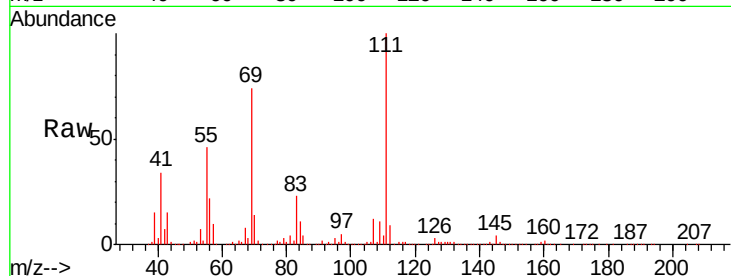
107 100

109 106.3 75.1 112.7

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#62

4-Bromofluorobenzene

Concen: 48.56 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007088.D

Acq: 27 Nov 2018 15:29

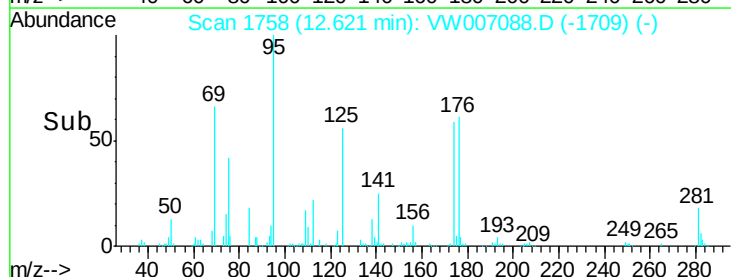
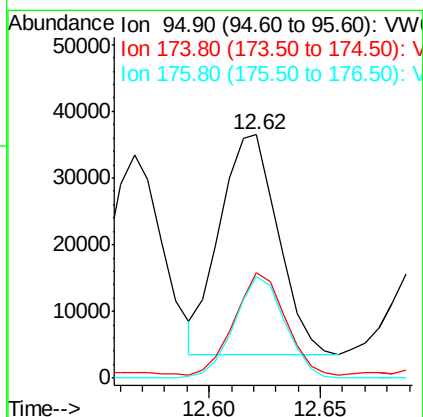
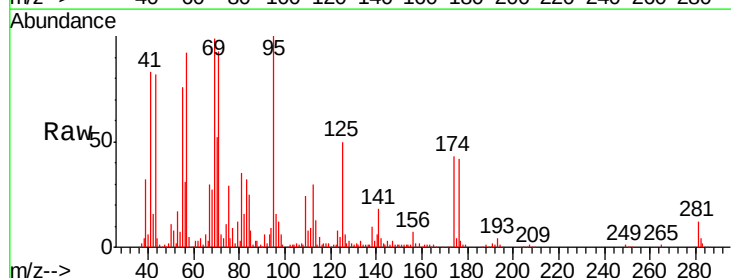
Tgt Ion: 95 Resp: 60090

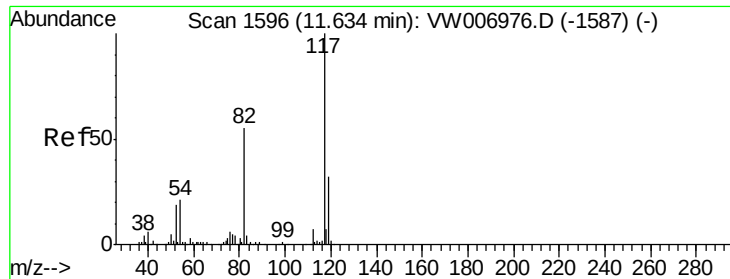
Ion Ratio Lower Upper

95 100

174 39.8 0.0 143.6

176 40.4 0.0 140.4





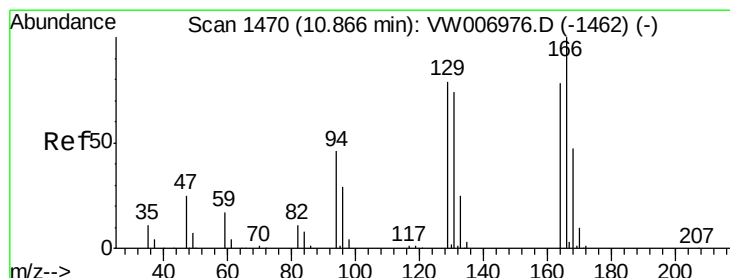
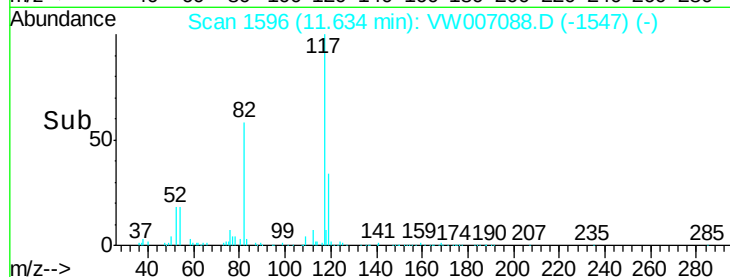
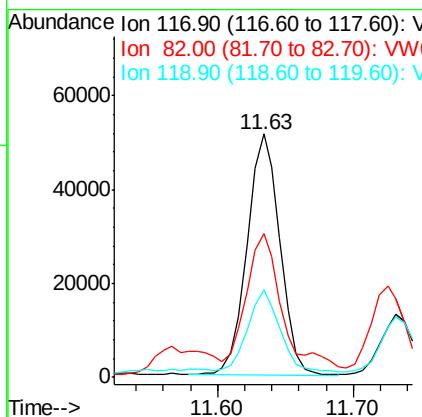
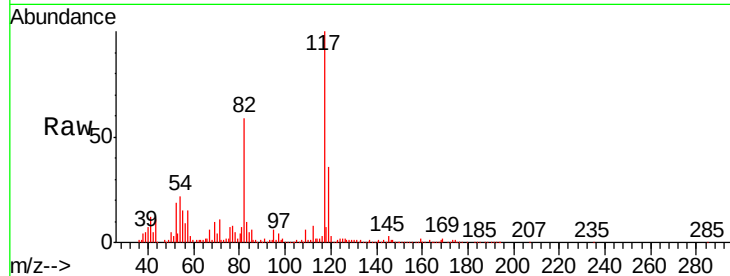
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007088.D
Acq: 27 Nov 2018 15:29

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

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	86618		
82	55.0	44.2	66.2	
119	33.6	25.9	38.9	

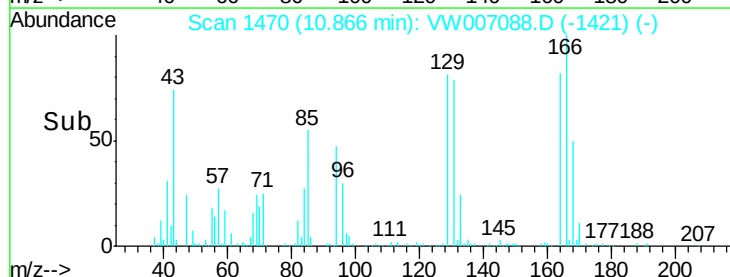
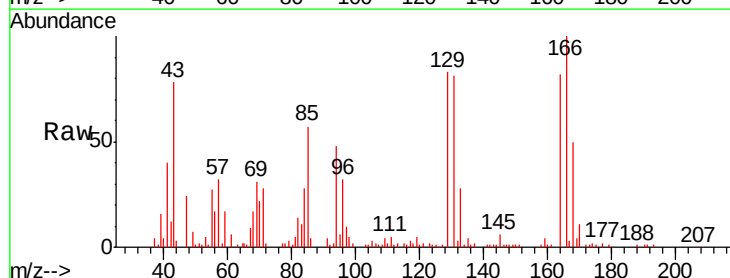
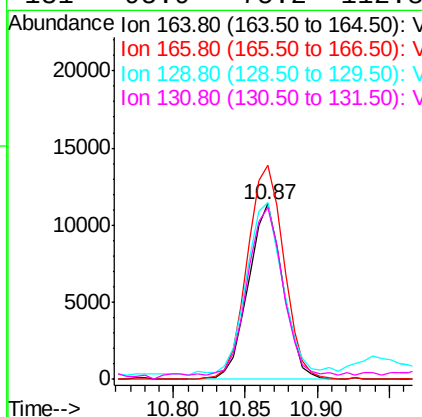
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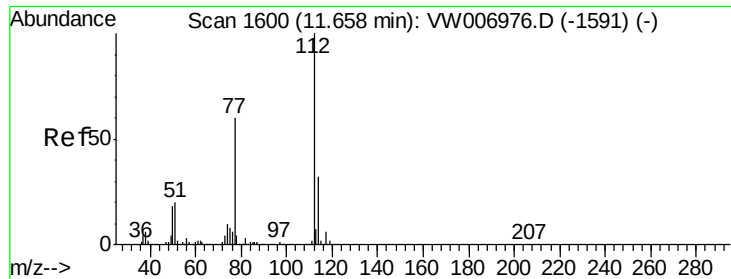
apatel
11/28/2018 11:55:00 AM



#64
Tetrachloroethene
Concen: 33.65 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007088.D
Acq: 27 Nov 2018 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	18751		
166	121.9	102.1	153.1	
129	98.5	80.4	120.6	
131	95.9	75.2	112.8	





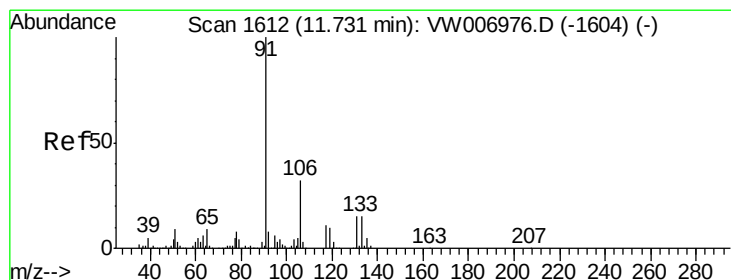
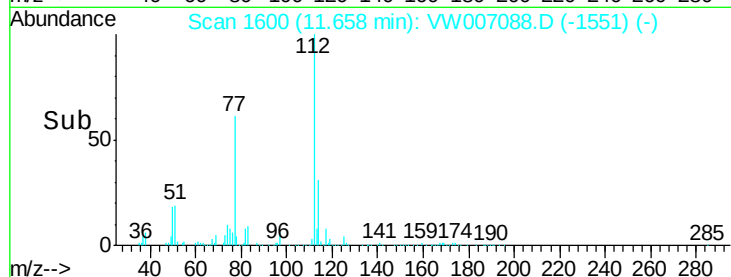
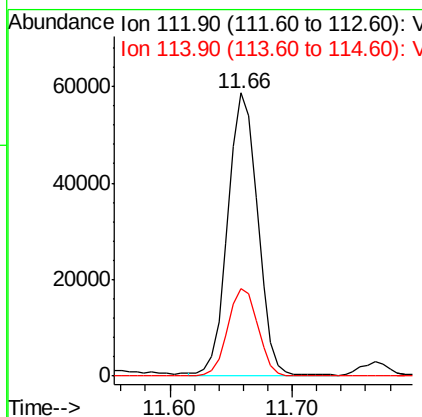
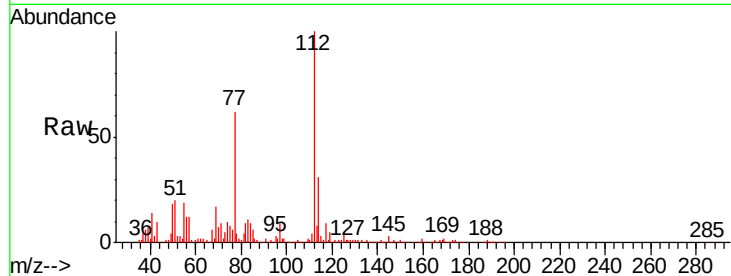
#65
Chlorobenzene
Concen: 54.34 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007088.D
Acq: 27 Nov 2018 15:29

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

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.1	25.8	38.8

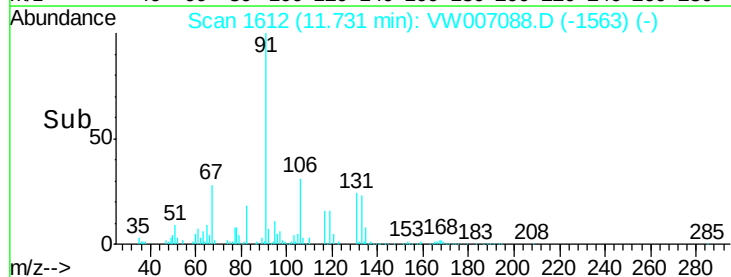
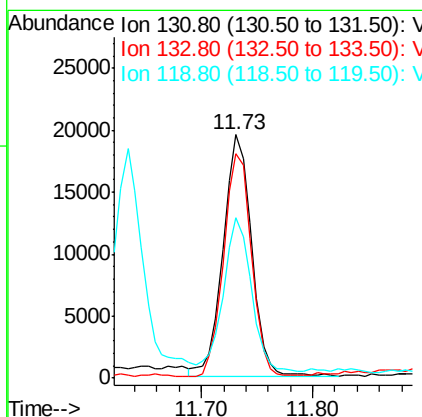
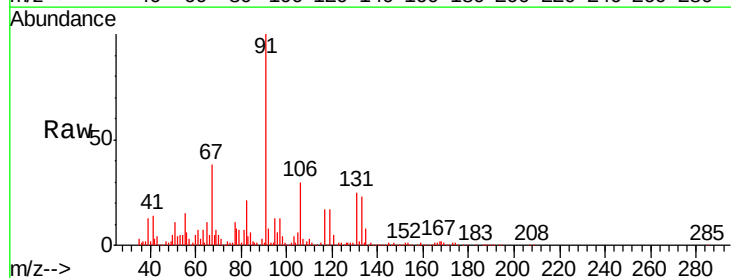
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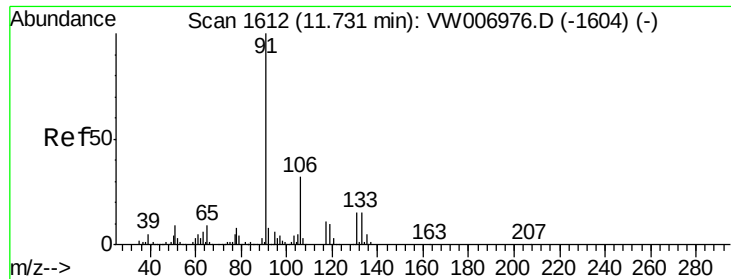
apatel
11/28/2018 11:55:00 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 63.72 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007088.D
Acq: 27 Nov 2018 15:29

Tgt Ion	Ratio	Lower	Upper
131	100		
133	90.1	47.7	143.1
119	61.5	31.8	95.3





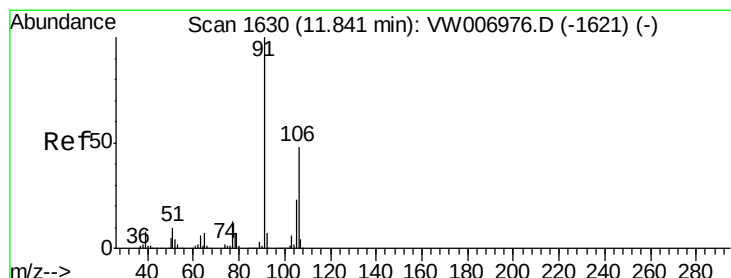
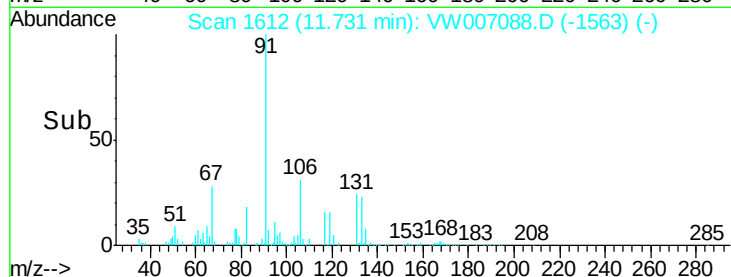
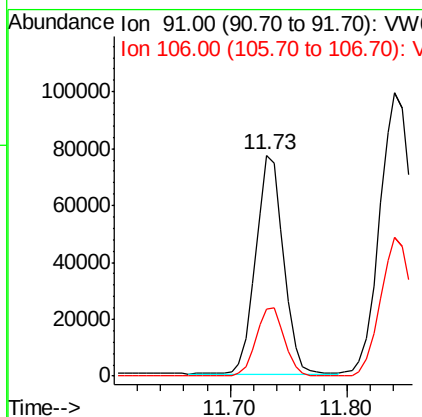
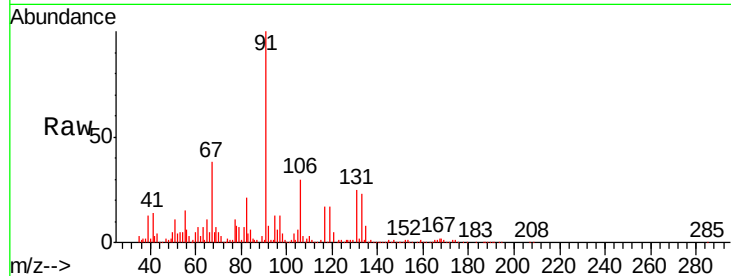
#67
Ethyl Benzene
Concen: 38.27 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007088.D
Acq: 27 Nov 2018 15:29

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

Tgt Ion: 91 Resp: 127084
Ion Ratio Lower Upper
91 100
106 30.6 25.4 38.2

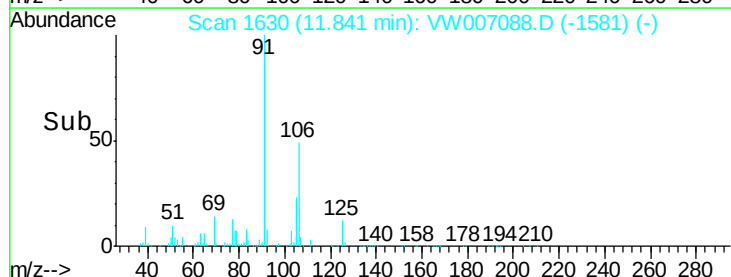
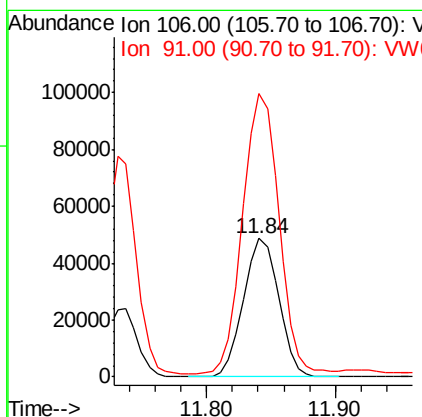
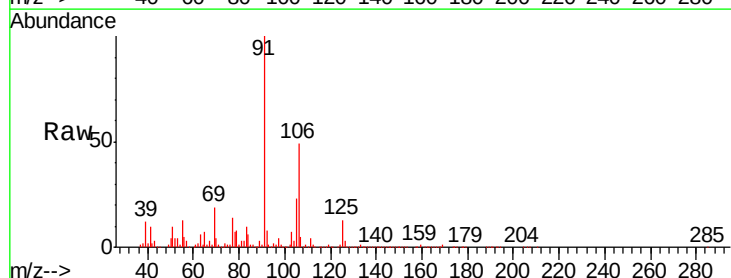
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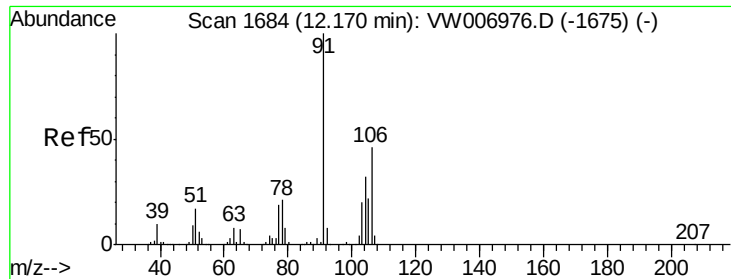
apatel
11/28/2018 11:55:00 AM



#68
m/p-Xylenes
Concen: 70.49 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007088.D
Acq: 27 Nov 2018 15:29

Tgt Ion: 106 Resp: 91847
Ion Ratio Lower Upper
106 100
91 209.0 164.8 247.2





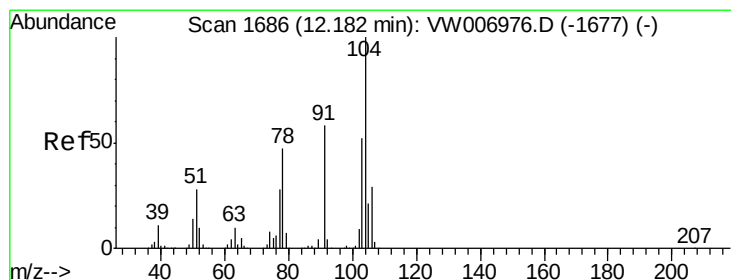
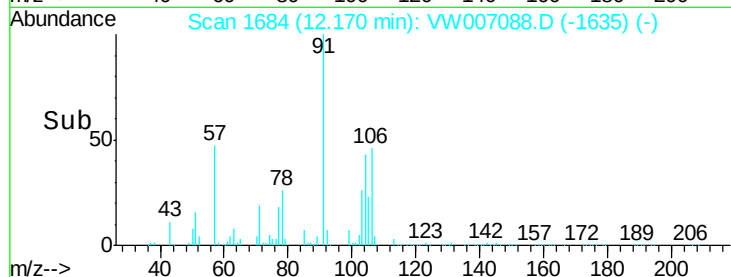
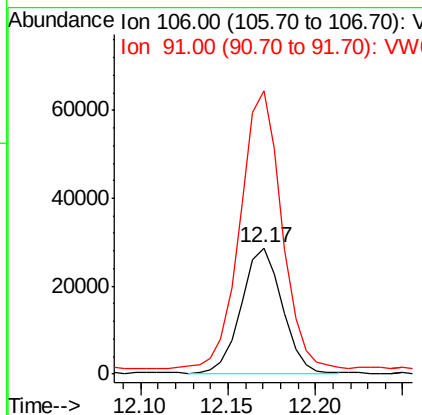
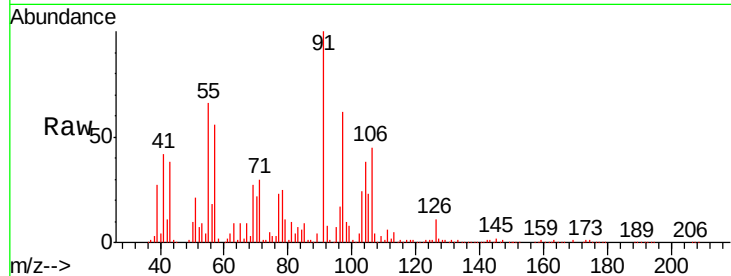
#69
o-Xylene
Concen: 37.48 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007088.D
Acq: 27 Nov 2018 15:29

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

Tgt Ion:106 Resp: 46042
Ion Ratio Lower Upper
106 100
91 226.2 107.9 323.8

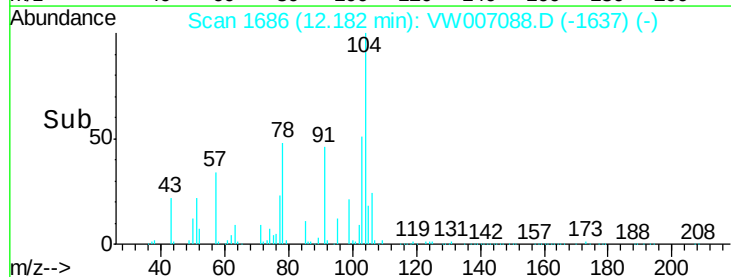
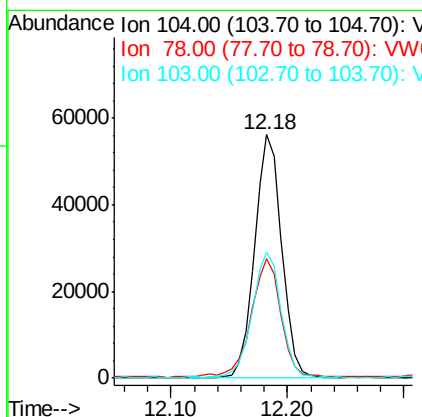
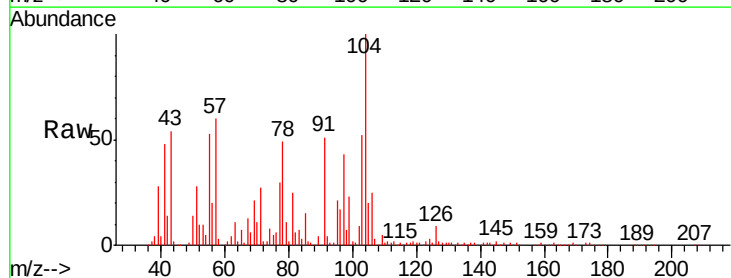
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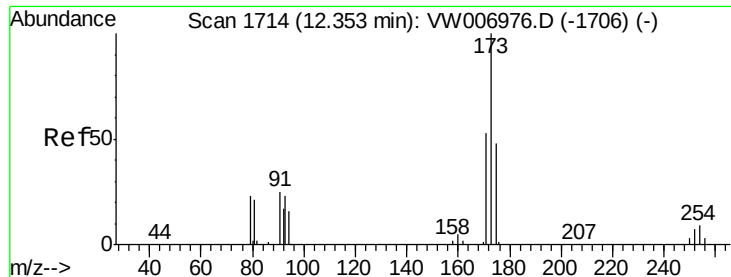
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#70
Styrene
Concen: 46.30 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007088.D
Acq: 27 Nov 2018 15:29

Tgt Ion:104 Resp: 90543
Ion Ratio Lower Upper
104 100
78 54.5 41.8 62.8
103 54.4 44.4 66.6





#71

Bromoform

Concen: 76.72 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW007088.D

Acq: 27 Nov 2018 15:29

Instrument :

MSVOA_W

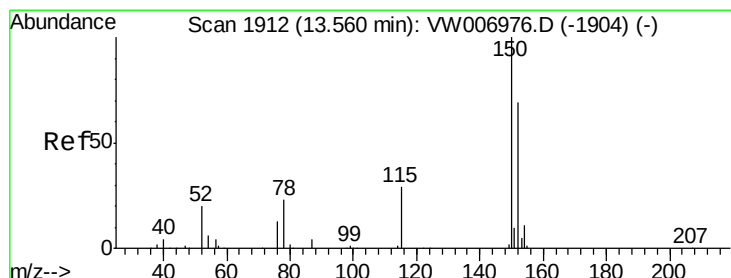
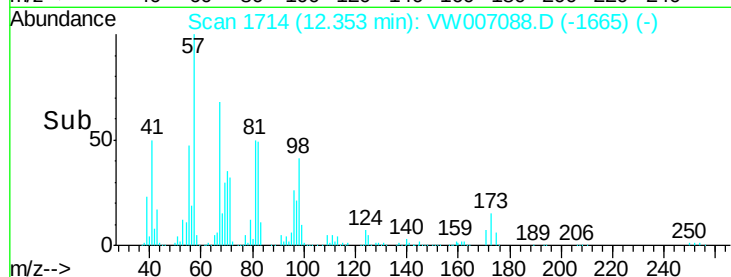
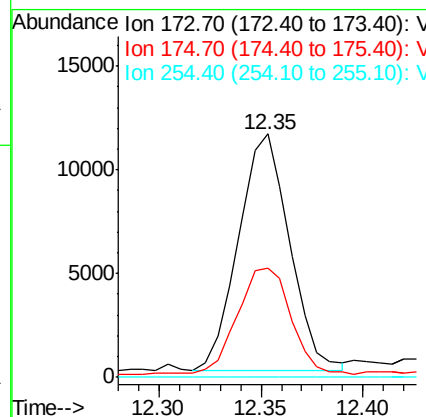
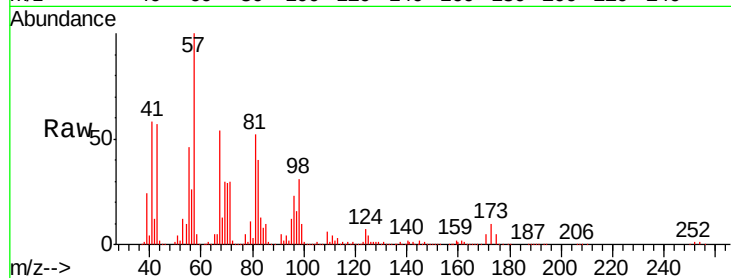
ClientSampleId :

NON-UST-03R-AMS

Tgt Ion:	173	Resp:	19764
Ion Ratio	Lower	Upper	
173	100		
175	51.1	24.0	72.0
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

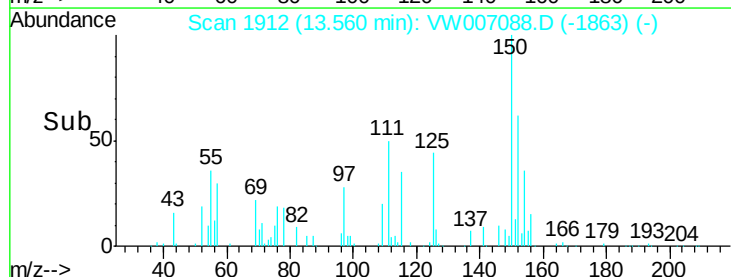
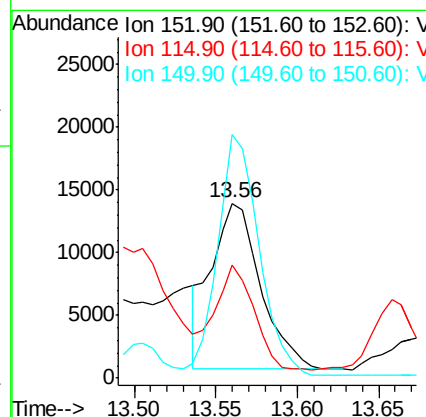
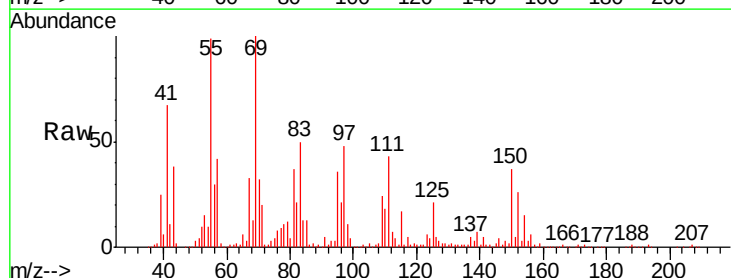
RT: 13.56 min Scan# 1912

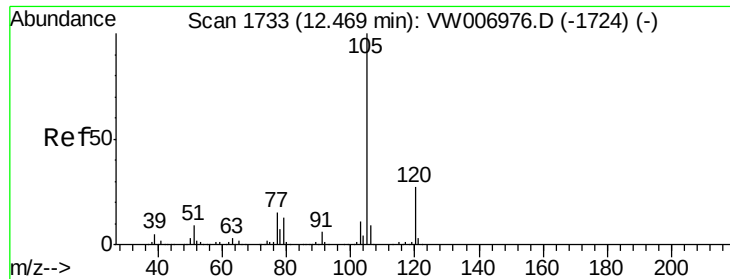
Delta R.T. -0.00 min

Lab File: VW007088.D

Acq: 27 Nov 2018 15:29

Tgt Ion:	152	Resp:	27814
Ion Ratio	Lower	Upper	
152	100		
115	50.4	31.4	94.2
150	122.2	0.0	353.4





#73

Isopropylbenzene

Concen: 218.70 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007088.D

Acq: 27 Nov 2018 15:29

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMS

Tgt Ion: 105 Resp: 472767

Ion Ratio Lower Upper

105 100

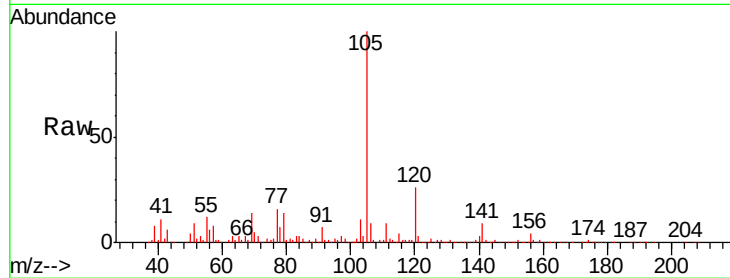
120 26.2 13.3 39.8

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

300000

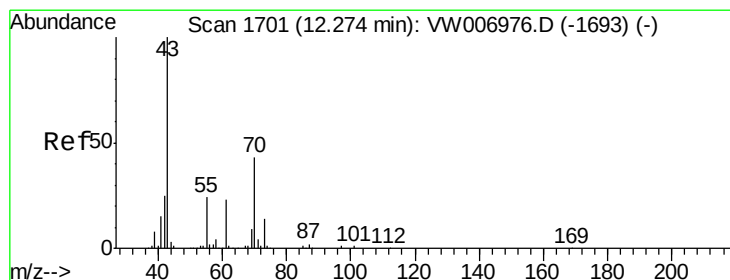
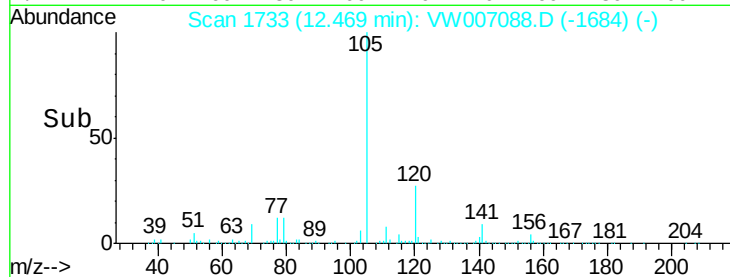
200000

100000

0

12.40 12.50

Time-->



#74

N-ethyl acetate

Concen: 669.72 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW007088.D

Acq: 27 Nov 2018 15:29

Tgt Ion: 43 Resp: 242636

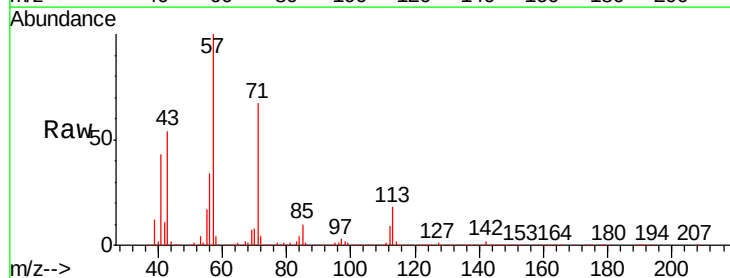
Ion Ratio Lower Upper

43 100

70 19.2 34.0 51.0#

55 0.0 19.4 29.0#

61 5.1 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

200000

150000

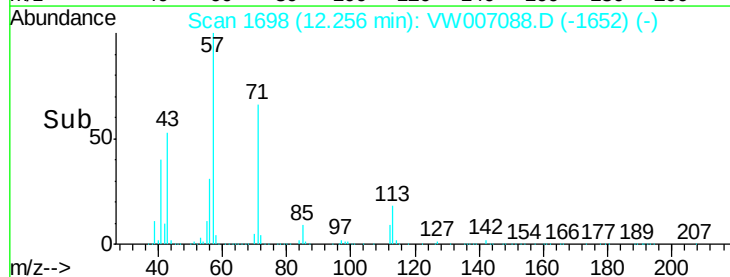
100000

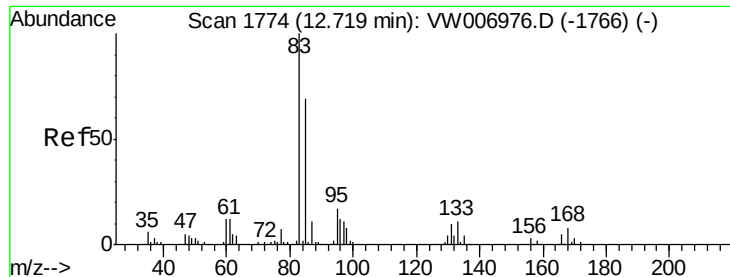
50000

0

12.20 12.25 12.30

Time-->





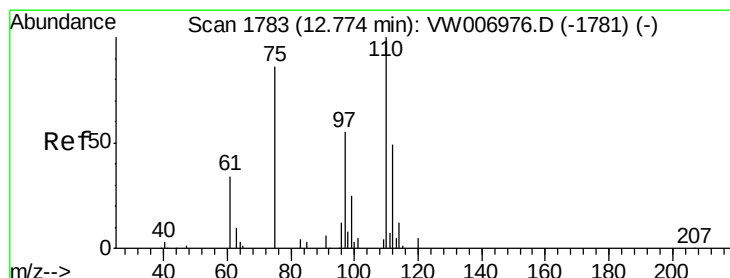
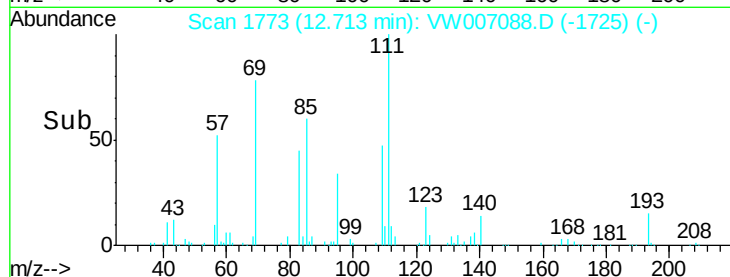
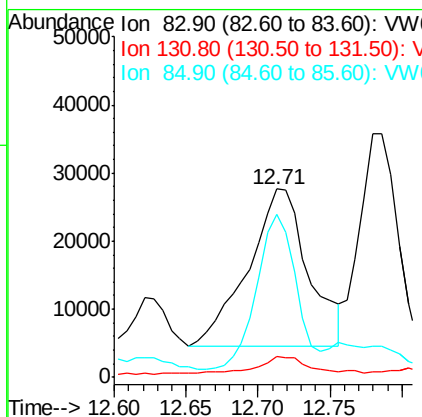
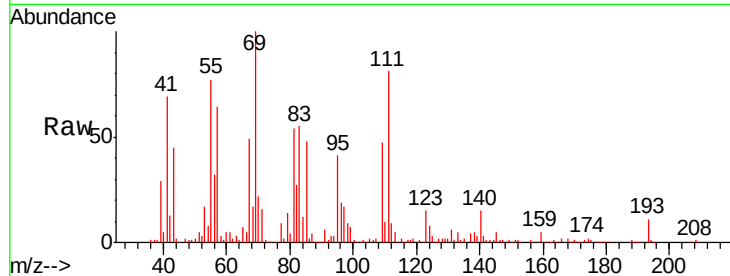
#75
 1,1,2,2-Tetrachloroethane
 Concen: 235.32 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: VW007088.D
 Acq: 27 Nov 2018 15:29

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

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	67697		
131	9.1	5.7	17.1	
85	64.0	33.1	99.2	

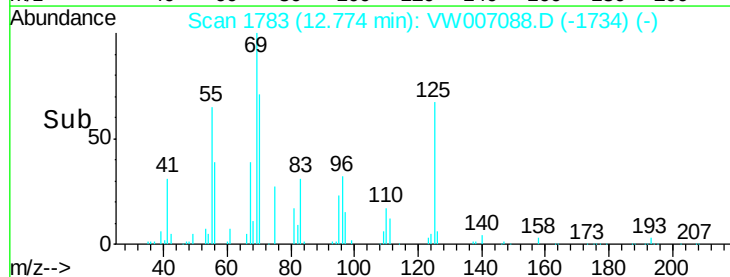
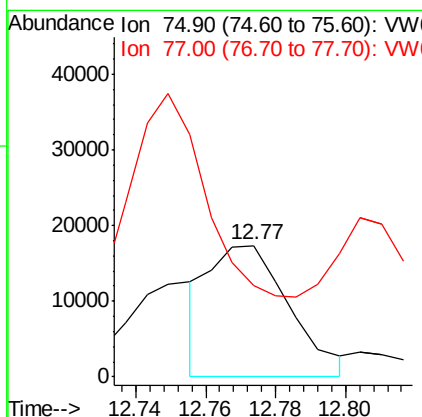
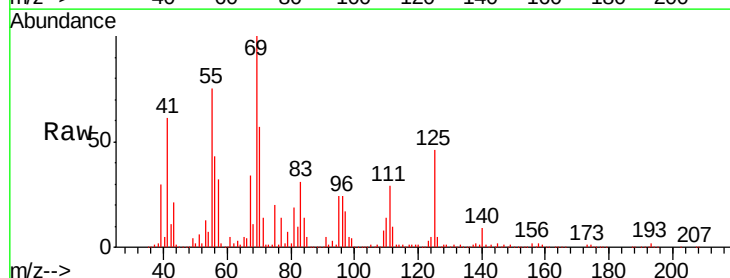
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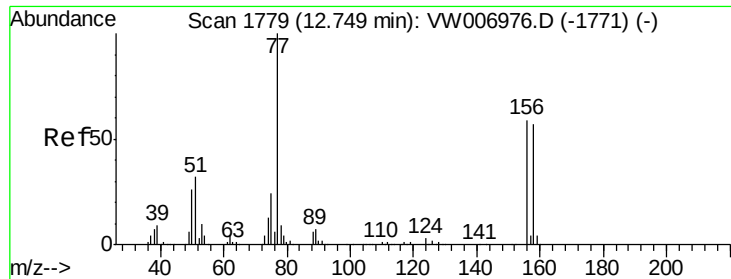
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#76
 1,2,3-Trichloropropane
 Concen: 126.28 ug/l m
 RT: 12.77 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VW007088.D
 Acq: 27 Nov 2018 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	27600		
77	0.0	0.0	0.0	





#77

Bromobenzene

Concen: 67.69 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007088.D

Acq: 27 Nov 2018 15:29

Instrument :

MSVOA_W

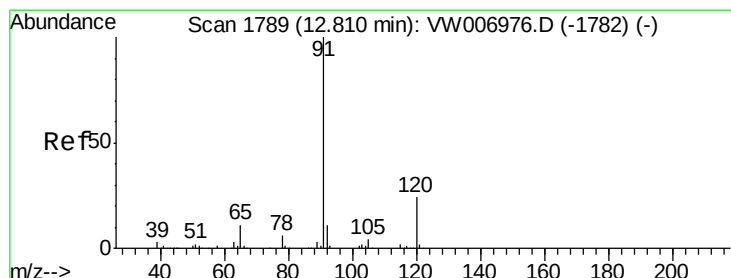
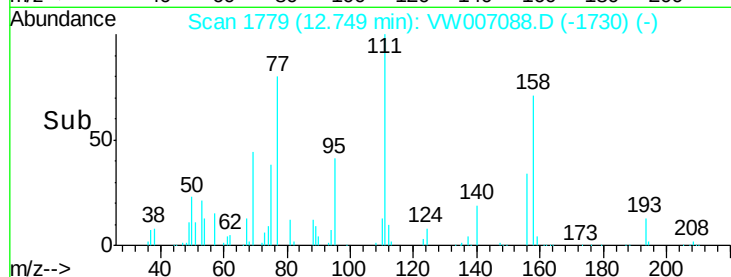
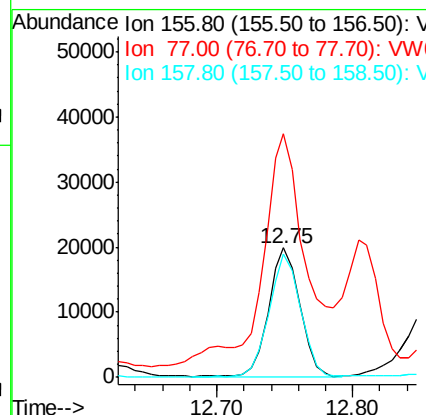
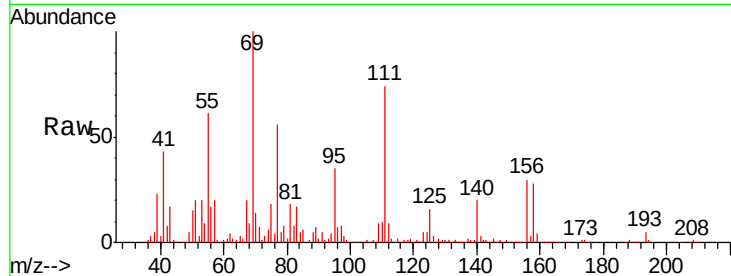
ClientSampleId :

NON-UST-03R-AMS

Tgt Ion	Ratio	Lower	Upper
156	100		
77	195.0	94.6	283.8
158	98.9	48.9	146.7

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#78

n-propylbenzene

Concen: 261.33 ug/l

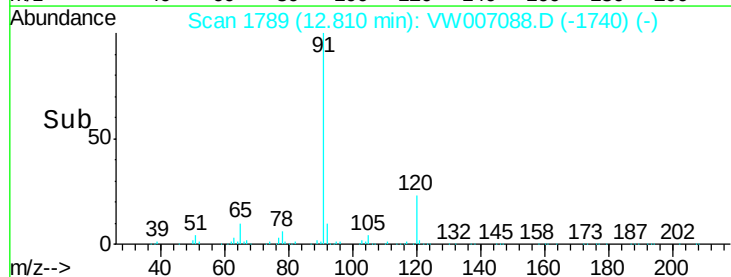
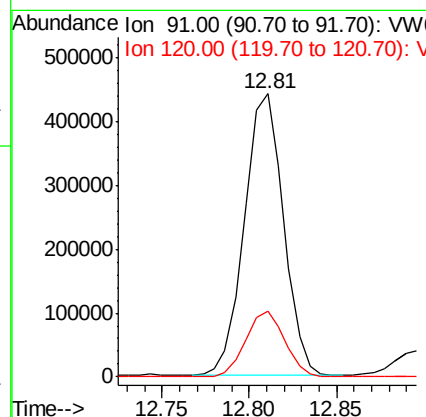
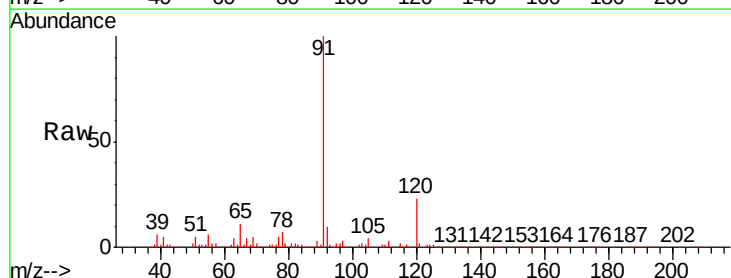
RT: 12.81 min Scan# 1789

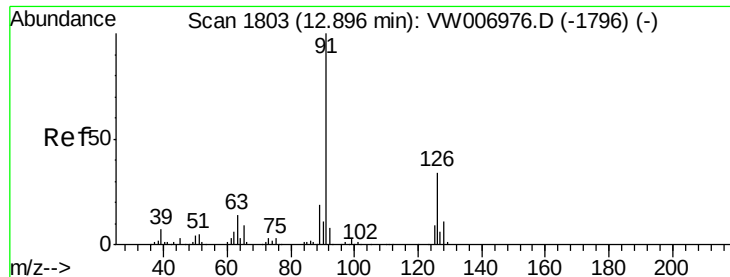
Delta R.T. -0.00 min

Lab File: VW007088.D

Acq: 27 Nov 2018 15:29

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.7	35.1





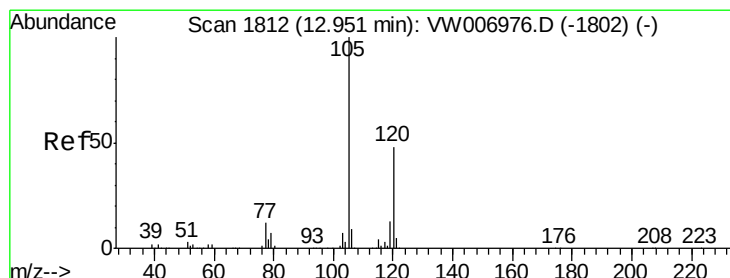
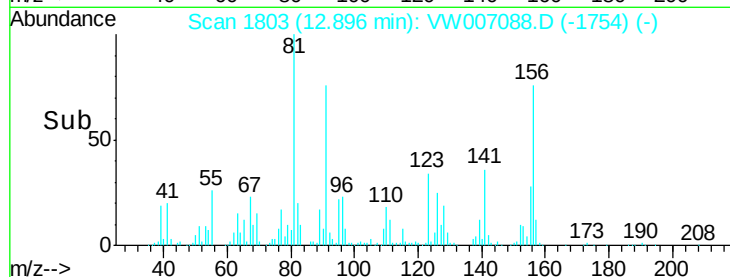
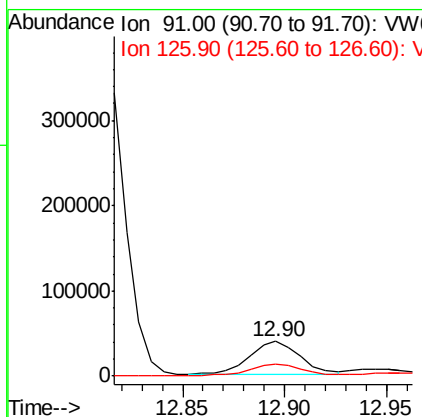
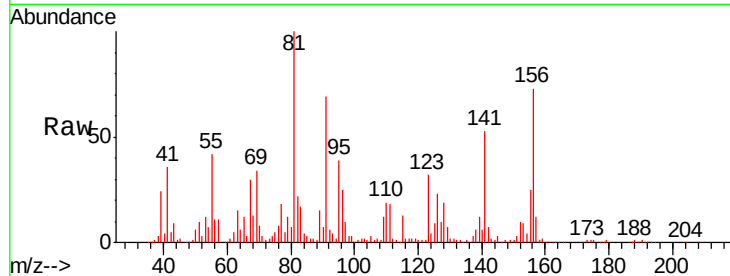
#79
 2-Chlorotoluene
 Concen: 42.11 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007088.D
 Acq: 27 Nov 2018 15:29

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

Tgt Ion: 91 Resp: 63578
 Ion Ratio Lower Upper
 91 100
 126 41.0 16.7 50.0

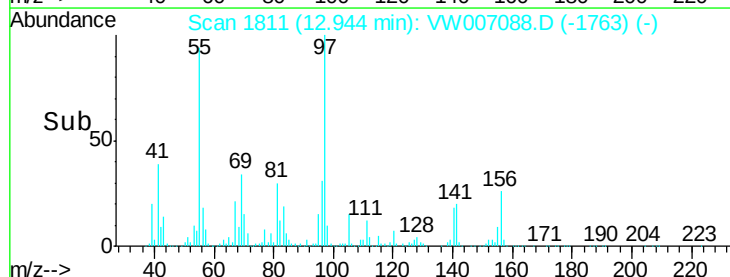
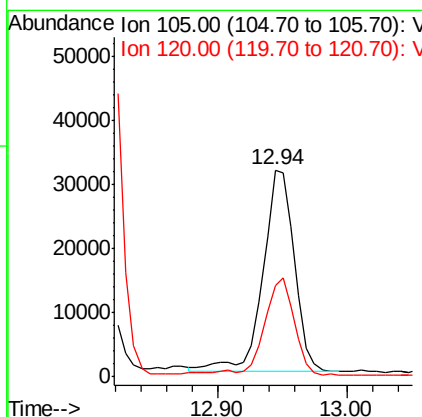
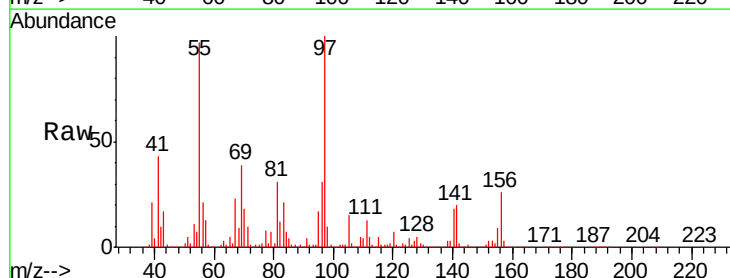
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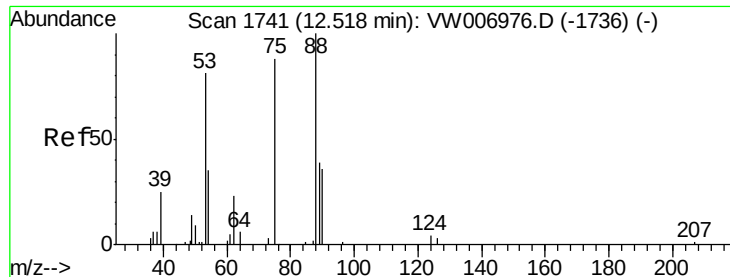
apatel
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#80
 1,3,5-Trimethylbenzene
 Concen: 28.37 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: VW007088.D
 Acq: 27 Nov 2018 15:29

Tgt Ion: 105 Resp: 53041
 Ion Ratio Lower Upper
 105 100
 120 48.1 23.8 71.2





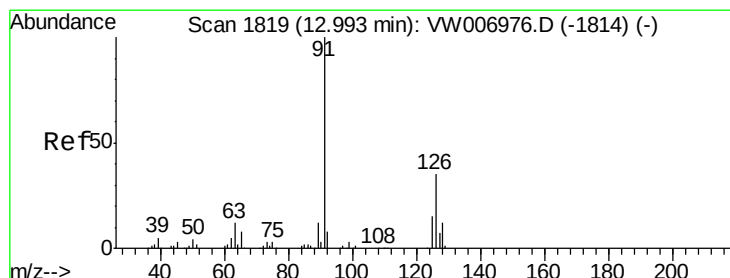
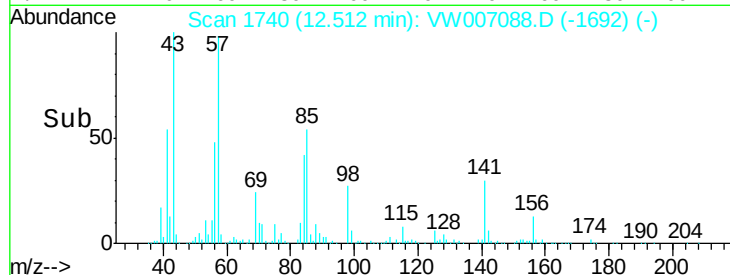
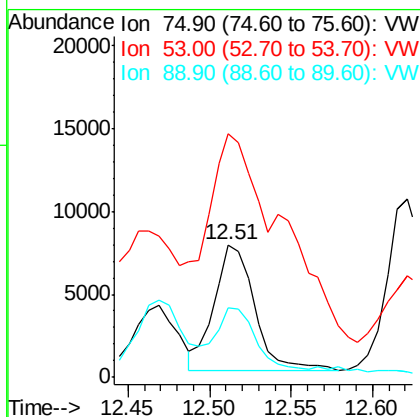
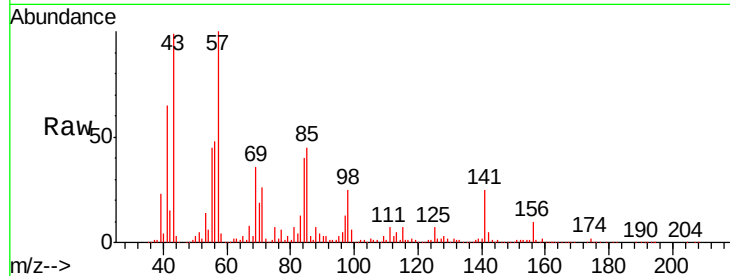
#81
trans-1,4-Dichloro-2-butene
Concen: 150.18 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW007088.D
Acq: 27 Nov 2018 15:29

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

Tgt Ion: 75 Resp: 13074
Ion Ratio Lower Upper
75 100
53 296.4 77.6 116.4#
89 47.9 39.3 58.9

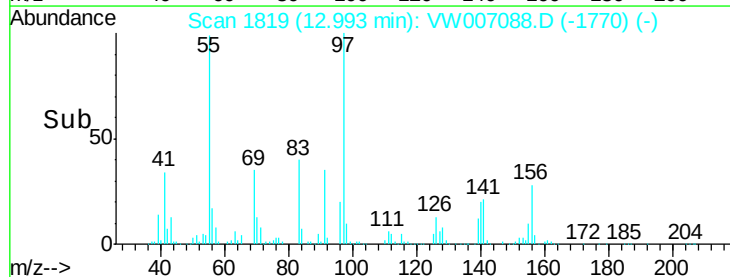
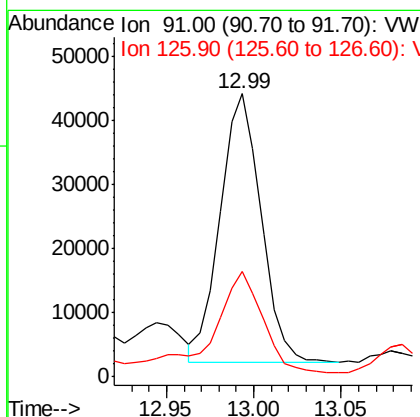
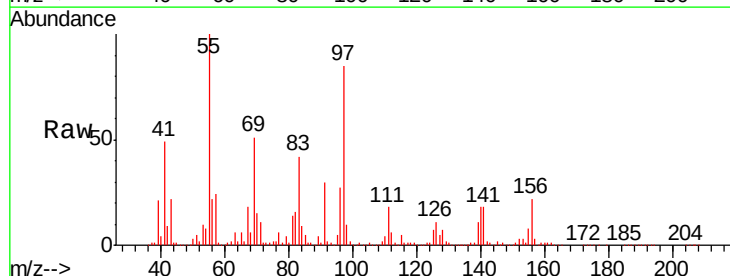
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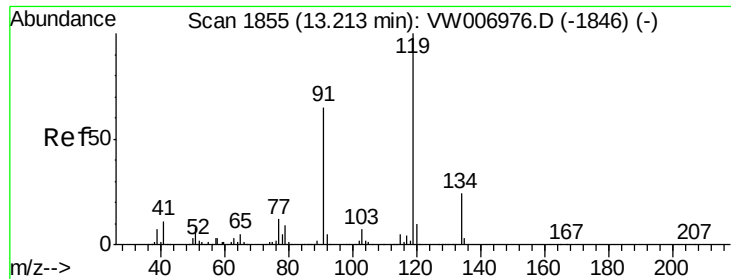
apatel
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#82
4-Chlorotoluene
Concen: 42.77 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007088.D
Acq: 27 Nov 2018 15:29

Tgt Ion: 91 Resp: 67759
Ion Ratio Lower Upper
91 100
126 48.4 16.6 49.7





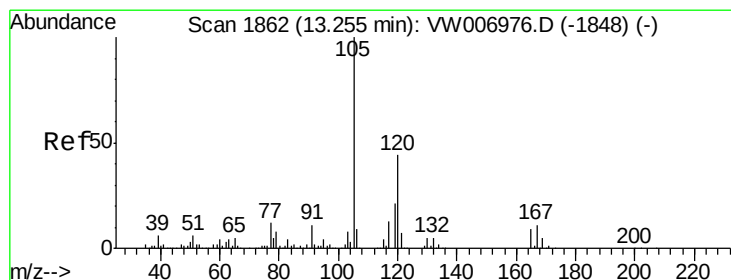
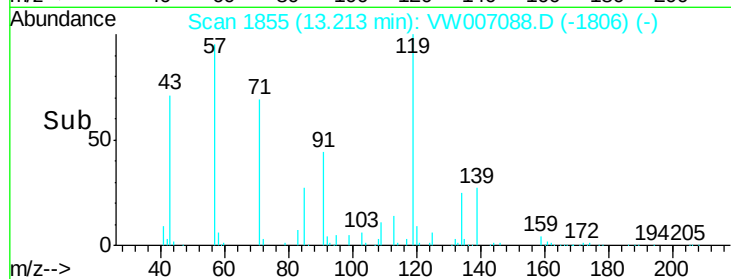
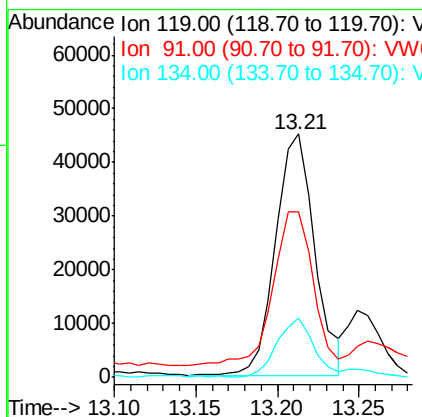
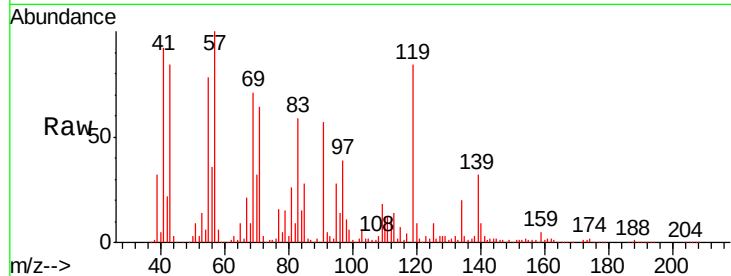
#83
 tert-Butylbenzene
 Concen: 46.09 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW007088.D
 Acq: 27 Nov 2018 15:29

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

Tgt Ion	Ratio	Lower	Upper
119	100		
91	65.0	33.5	100.5
134	22.3	12.6	37.8

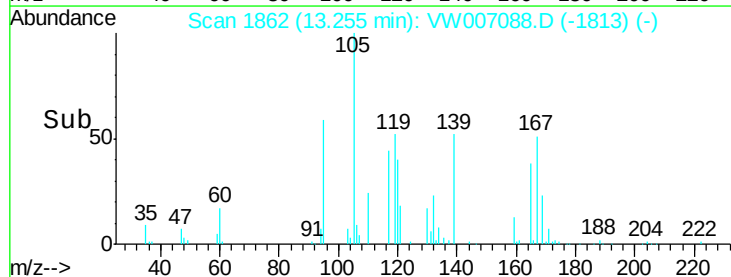
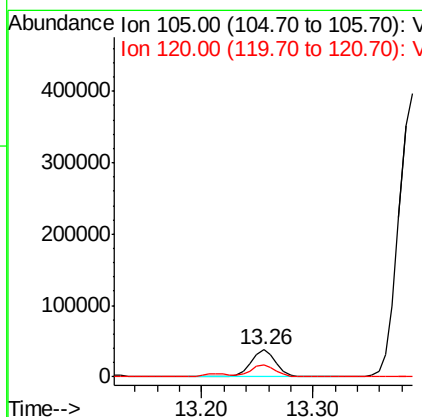
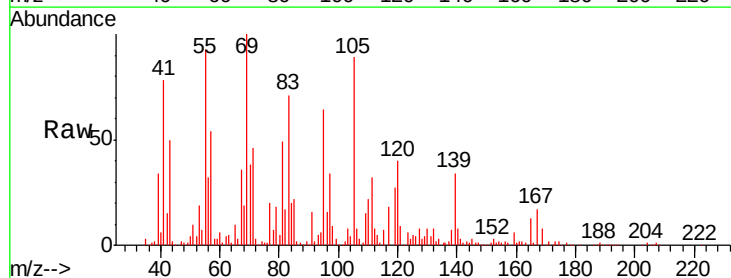
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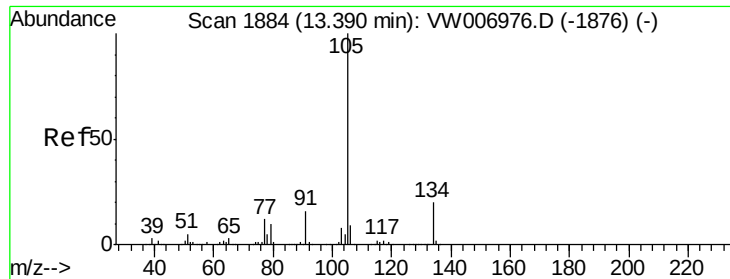
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#84
 1,2,4-Trimethylbenzene
 Concen: 30.69 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007088.D
 Acq: 27 Nov 2018 15:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.9	21.8	65.3





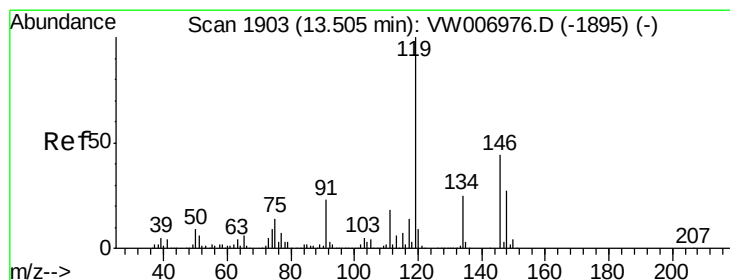
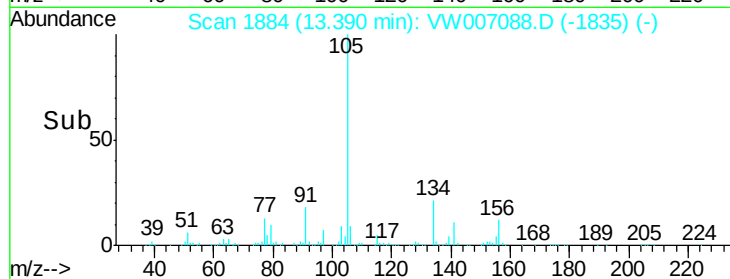
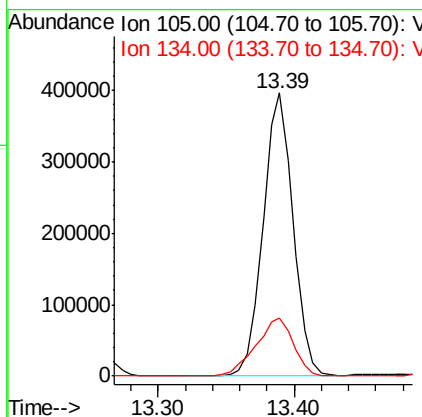
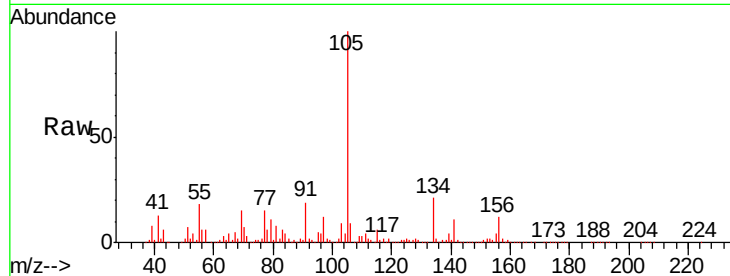
#85
 sec-Butylbenzene
 Concen: 265.77 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007088.D
 Acq: 27 Nov 2018 15:29

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

Tgt Ion:105 Resp: 607649
 Ion Ratio Lower Upper
 105 100
 134 25.8 9.8 29.3

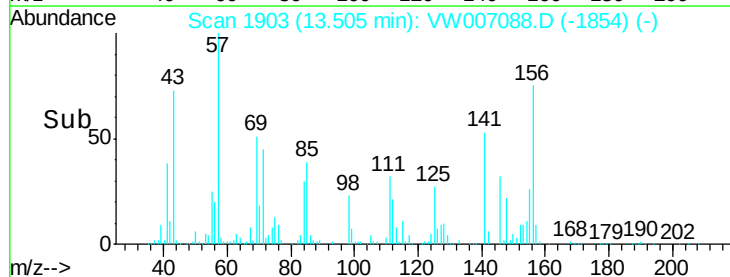
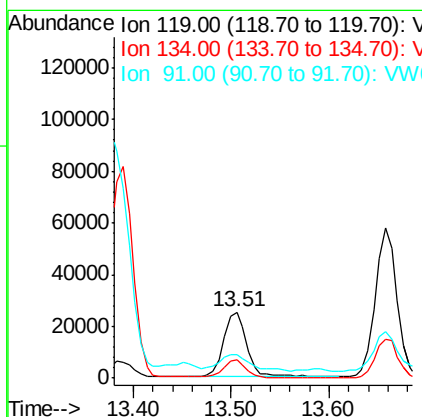
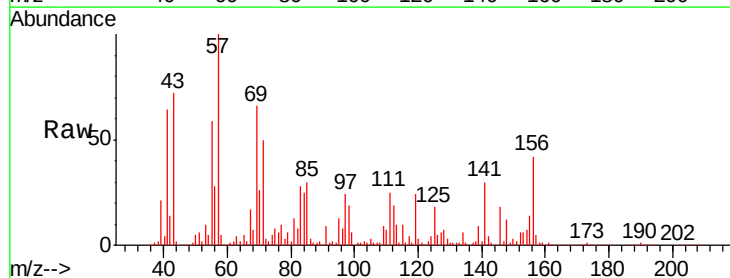
Manual Integrations
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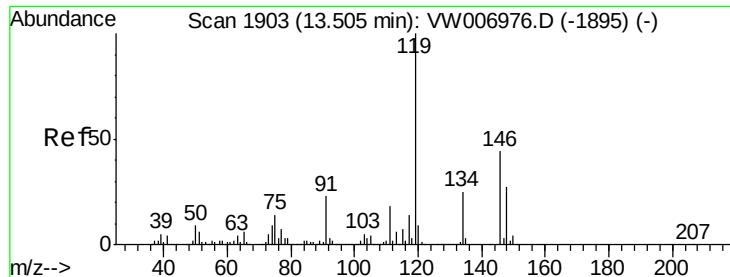
apatel
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#86
 p-Isopropyltoluene
 Concen: 19.84 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007088.D
 Acq: 27 Nov 2018 15:29

Tgt Ion:119 Resp: 40023
 Ion Ratio Lower Upper
 119 100
 134 27.7 12.8 38.3
 91 34.4 12.2 36.6





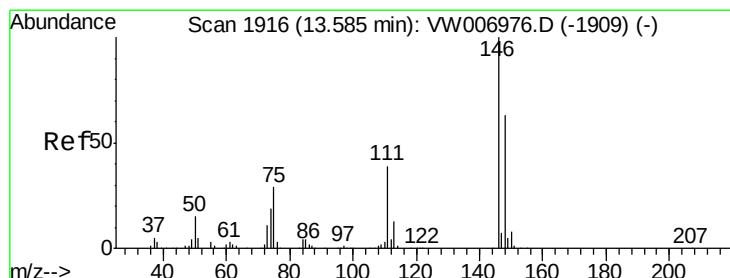
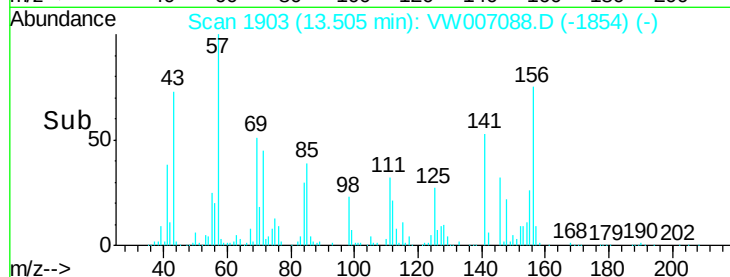
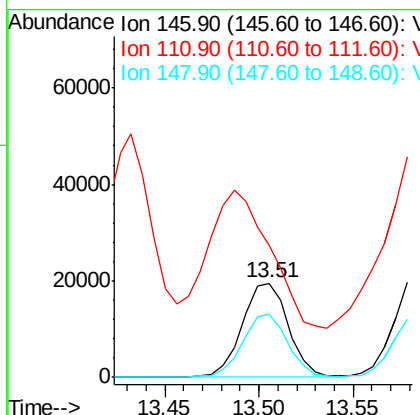
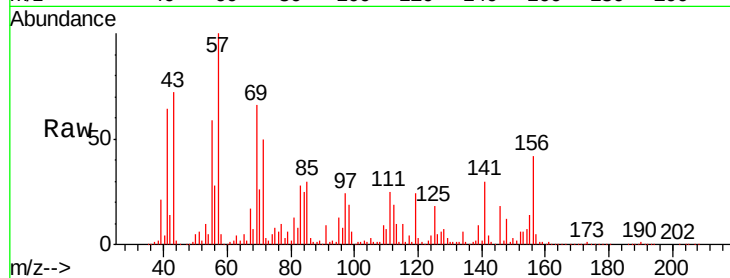
#87
 1,3-Dichlorobenzene
 Concen: 34.38 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007088.D
 Acq: 27 Nov 2018 15:29

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

Tgt Ion:146 Resp: 32583
 Ion Ratio Lower Upper
 146 100
 111 198.1 21.1 63.3#
 148 64.7 31.6 94.8

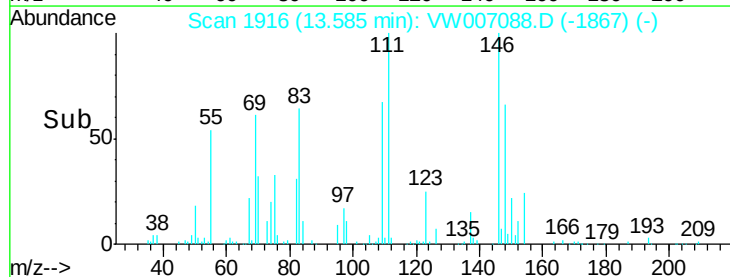
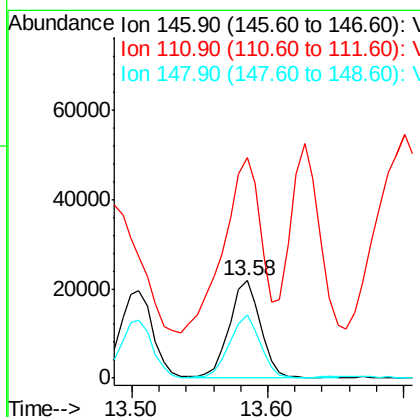
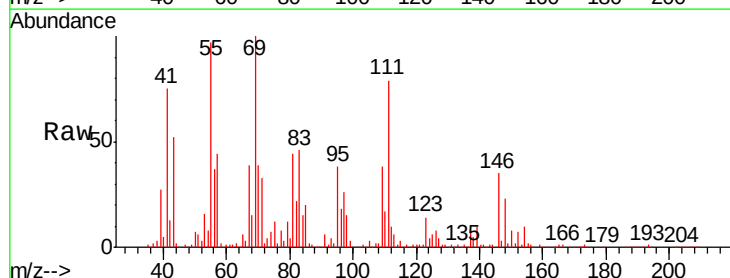
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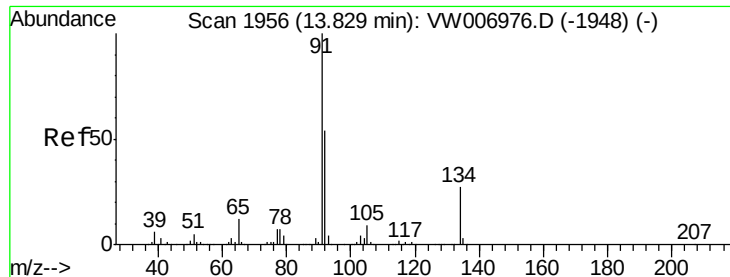
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 36.05 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007088.D
 Acq: 27 Nov 2018 15:29

Tgt Ion:146 Resp: 34071
 Ion Ratio Lower Upper
 146 100
 111 216.8 20.6 61.8#
 148 63.4 32.3 96.8





#89

n-Butylbenzene

Concen: 165.30 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007088.D

Acq: 27 Nov 2018 15:29

Instrument :

MSVOA_W

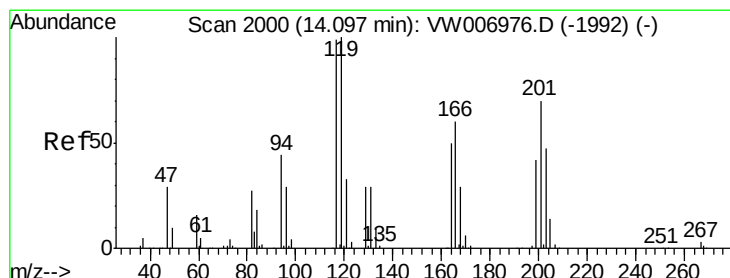
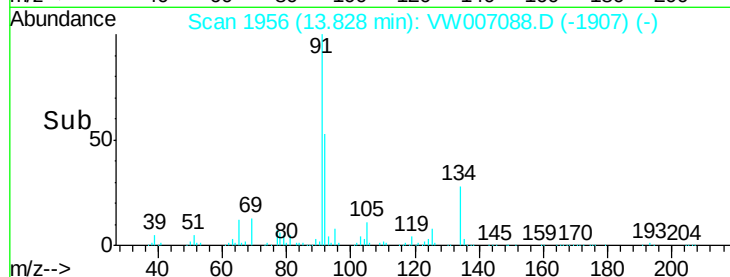
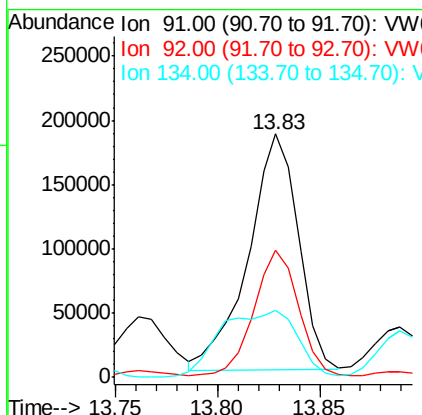
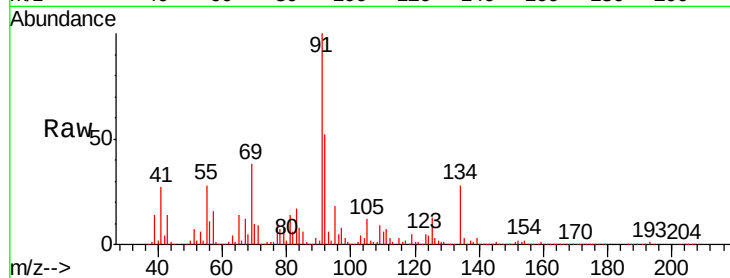
ClientSampleId :

NON-UST-03R-AMS

Tgt Ion:	91	Resp:	313767
Ion Ratio	Lower	Upper	
91	100		
92	47.8	26.8	80.4
134	43.4	13.3	39.8#

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#90

Hexachloroethane

Concen: 495.58 ug/l

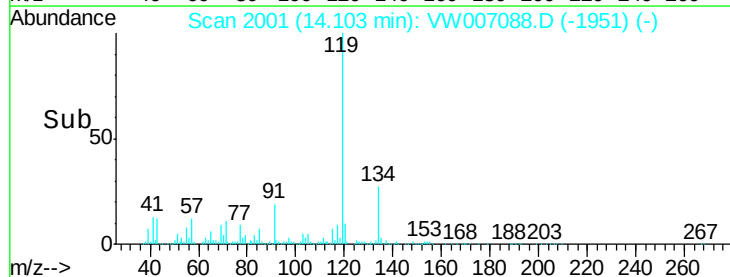
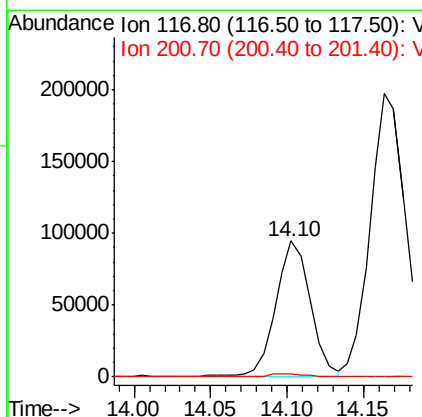
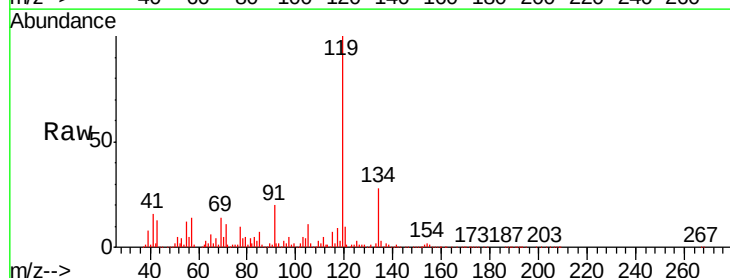
RT: 14.10 min Scan# 2001

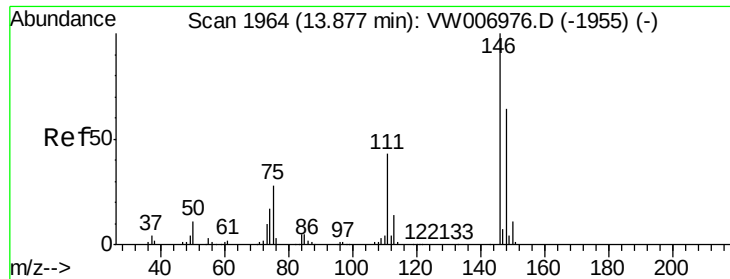
Delta R.T. 0.01 min

Lab File: VW007088.D

Acq: 27 Nov 2018 15:29

Tgt Ion:	117	Resp:	145941
Ion Ratio	Lower	Upper	
117	100		
201	2.6	35.9	107.5#





#91

1,2-Dichlorobenzene

Concen: 39.66 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.01 min

Lab File: VW007088.D

Acq: 27 Nov 2018 15:29

Instrument :

MSVOA_W

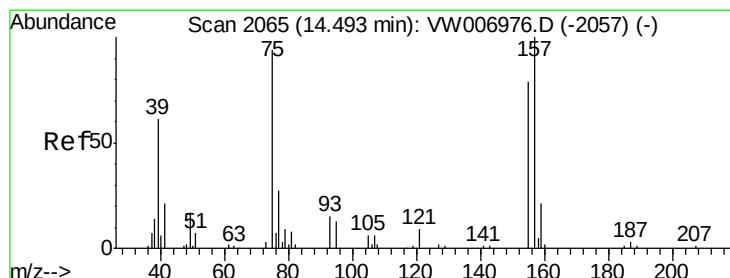
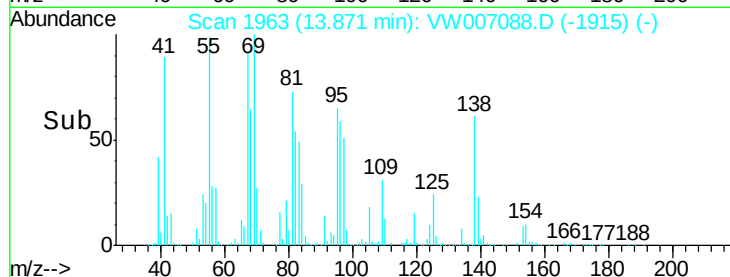
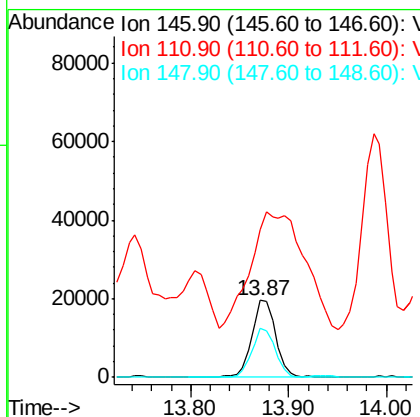
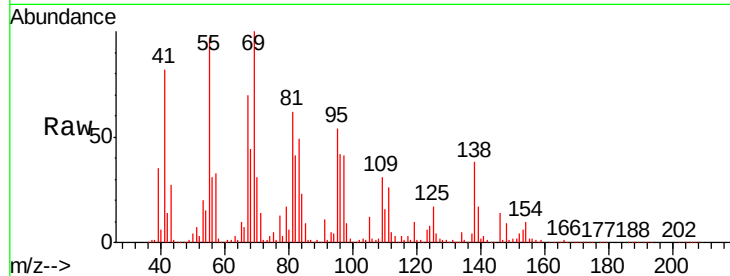
ClientSampleId :

NON-UST-03R-AMS

Tgt Ion: 146 Resp: 32936
 Ion Ratio Lower Upper
 146 100
 111 394.8 21.9 65.7#
 148 62.5 32.2 96.6

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#92

1,2-Dibromo-3-Chloropropane

Concen: 191.96 ug/l

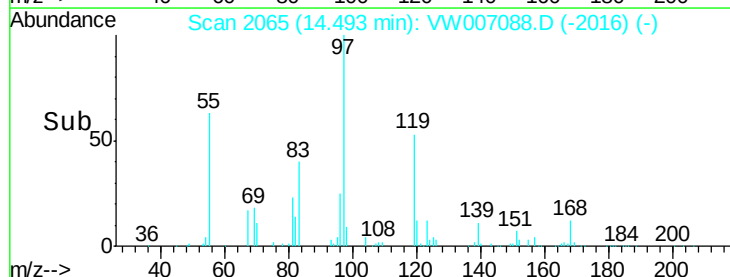
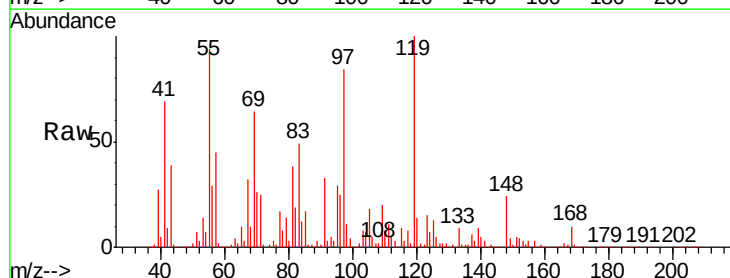
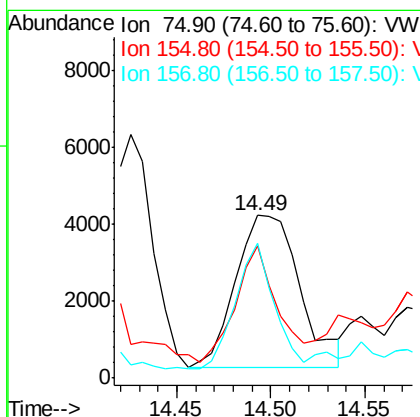
RT: 14.49 min Scan# 2065

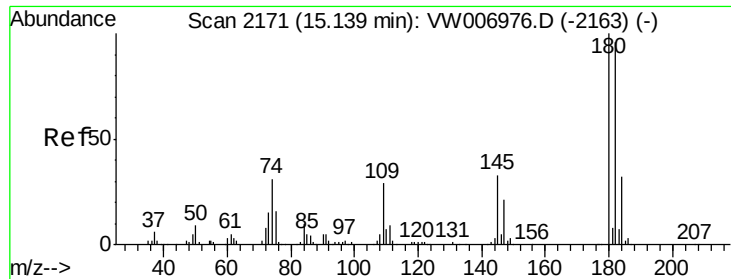
Delta R.T. -0.00 min

Lab File: VW007088.D

Acq: 27 Nov 2018 15:29

Tgt Ion: 75 Resp: 9327
 Ion Ratio Lower Upper
 75 100
 155 49.1 42.6 127.8
 157 50.0 55.0 165.0#





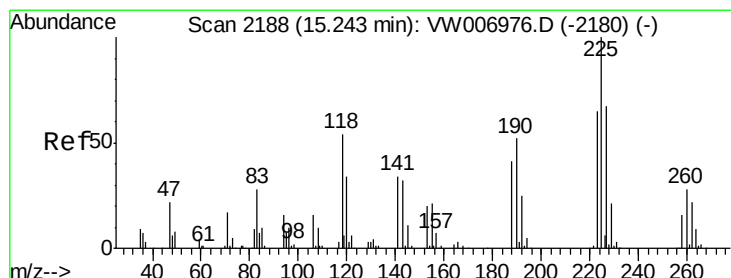
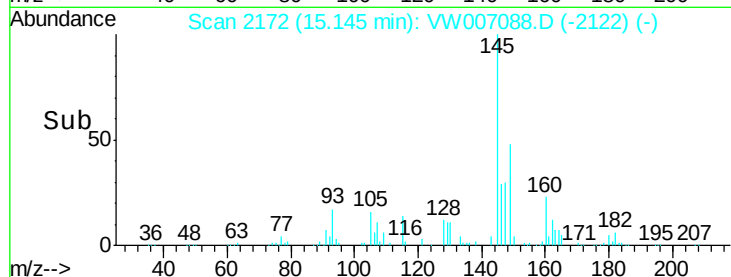
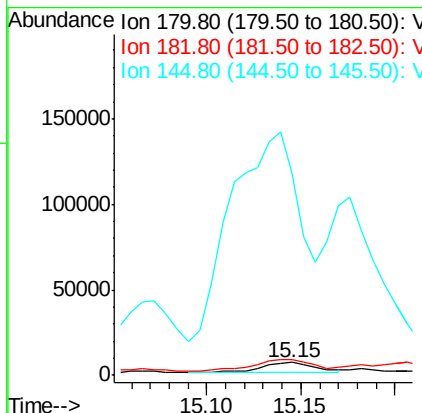
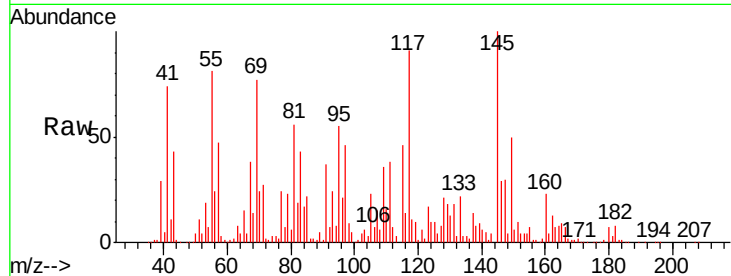
#93
 1,2,4-Trichlorobenzene
 Concen: 22.98 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW007088.D
 Acq: 27 Nov 2018 15:29

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

Tgt Ion:180 Resp: 12588
 Ion Ratio Lower Upper
 180 100
 182 121.8 47.1 141.3
 145 3067.4 16.5 49.5

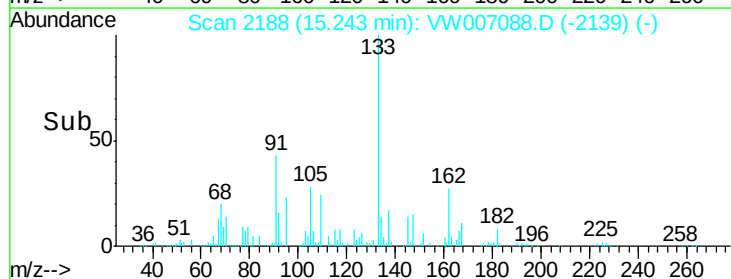
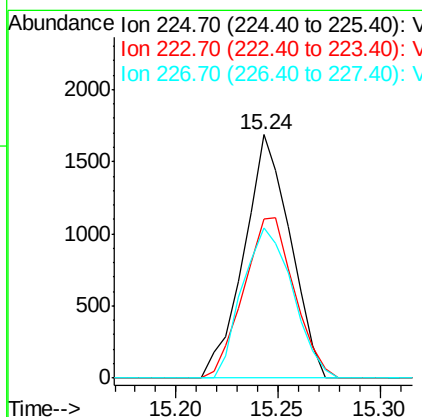
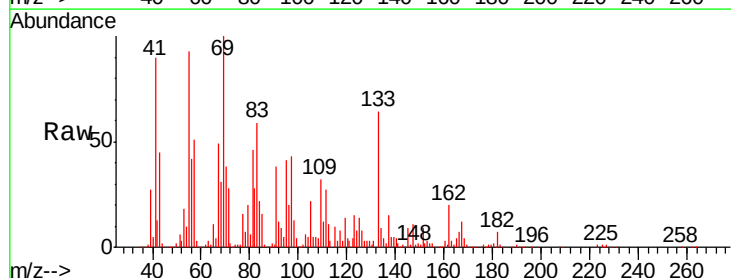
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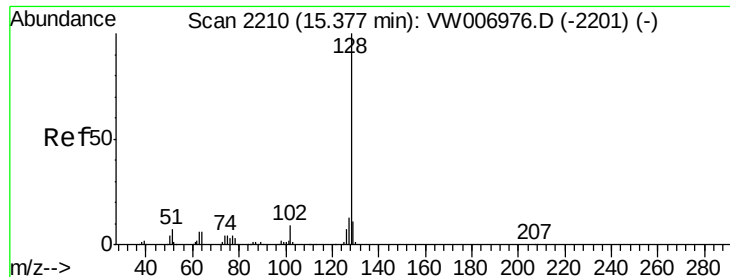
apatel
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#94
 Hexachlorobutadiene
 Concen: 8.95 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007088.D
 Acq: 27 Nov 2018 15:29

Tgt Ion:225 Resp: 2665
 Ion Ratio Lower Upper
 225 100
 223 72.0 32.4 97.0
 227 66.8 31.9 95.5





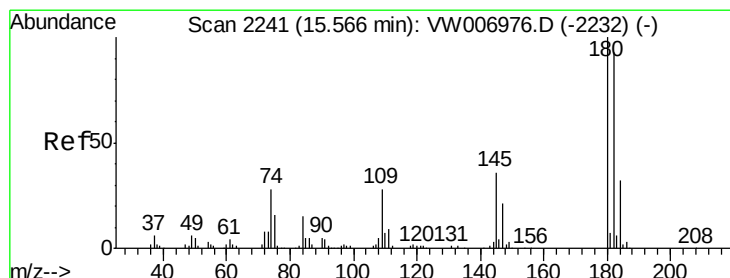
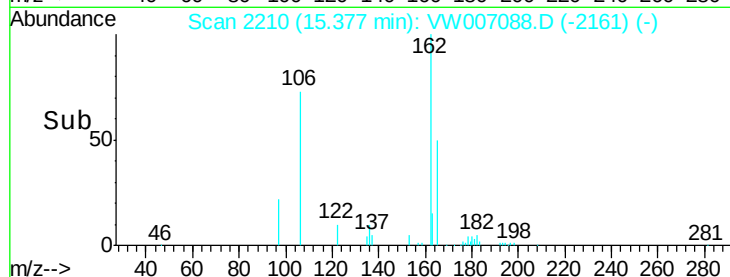
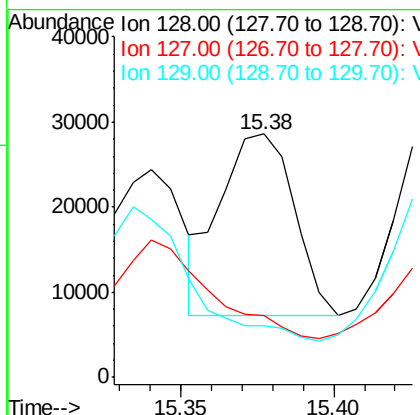
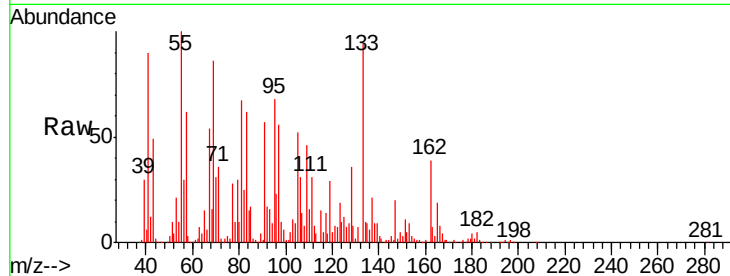
#95
Naphthalene
Concen: 35.90 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007088.D
Acq: 27 Nov 2018 15:29

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

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

Manual Integrations
APPROVED

apatel
11/28/2018 11:55:00 AM



#96
1,2,3-Trichlorobenzene
Concen: 26.72 ug/l
RT: 15.58 min Scan# 2244
Delta R.T. 0.02 min
Lab File: VW007088.D
Acq: 27 Nov 2018 15:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.0	141.2#
145	0.0	18.0	54.0#

