

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112618\
 Data File : VW007057.D
 Acq On : 26 Nov 2018 19:23
 Operator : VAY/AP
 Sample : J6003-04MS
 Misc : 4.58G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Nov 27 05:27:13 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	66955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	128967	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	92993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	24228	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	52635	80.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	160.60%	
35) Dibromofluoromethane	7.89	113	43534	59.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.54%	
50) Toluene-d8	10.33	98	149805	46.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.16%	
62) 4-Bromofluorobenzene	12.62	95	42899	33.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	39454	59.682	ug/l	98
3) Chloromethane	2.21	50	40005	72.615	ug/l	97
4) Vinyl Chloride	2.36	62	36297	66.963	ug/l	99
5) Bromomethane	2.78	94	22434	77.543	ug/l	96
6) Chloroethane	2.92	64	21292	71.259	ug/l	98
7) Trichlorofluoromethane	3.26	101	61510	57.710	ug/l	95
8) Diethyl Ether	3.69	74	26852	78.185	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	25235	36.520	ug/l	99
10) Methyl Iodide	4.28	142	50244	63.519	ug/l	99
11) Tert butyl alcohol	5.21	59	20409	478.270	ug/l	99
12) 1,1-Dichloroethene	4.05	96	38980	64.320	ug/l	96
13) Acrolein	3.90	56	20953	478.126	ug/l	100
14) Allyl chloride	4.68	41	68712	68.357	ug/l	99
15) Acrylonitrile	5.38	53	63065	488.567	ug/l	100
16) Acetone	4.15	43	46859	492.363	ug/l	97
17) Carbon Disulfide	4.39	76	123988	63.281	ug/l	100
18) Methyl Acetate	4.68	43	44699	131.887	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	137658	86.992	ug/l	98
20) Methylene Chloride	4.93	84	59497	81.890	ug/l	94
21) trans-1,2-Dichloroethene	5.43	96	46799	66.290	ug/l	97
22) Diisopropyl ether	6.32	45	147036	75.153	ug/l	98
23) Vinyl Acetate	6.26	43	429681	413.564	ug/l	100
24) 1,1-Dichloroethane	6.22	63	80746	67.841	ug/l	99
25) 2-Butanone	7.18	43	77822	477.427	ug/l	95
26) 2,2-Dichloropropane	7.17	77	64484	60.248	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	52299	69.565	ug/l	98
28) Bromochloromethane	7.52	49	34559	77.688	ug/l #	97
29) Tetrahydrofuran	7.54	42	51494	487.777	ug/l	99
30) Chloroform	7.68	83	85416	67.551	ug/l	96
31) Cyclohexane	7.96	56	28954	22.935	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	67018	58.842	ug/l	98
36) 1,1-Dichloropropene	8.09	75	54262	43.055	ug/l	98
37) Ethyl Acetate	7.26	43	34910	76.441	ug/l	98
38) Carbon Tetrachloride	8.07	117	48391	40.098	ug/l	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	21818	13.834	ug/l	99
40) Benzene	8.33	78	187243	55.040	ug/l	97
41) Methacrylonitrile	7.49	41	23468	82.746	ug/l	97
42) 1,2-Dichloroethane	8.40	62	62226	63.002	ug/l	100
43) Isopropyl Acetate	8.43	43	69774	80.173	ug/l	94
44) Trichloroethene	9.10	130	45008	47.196	ug/l	94
45) 1,2-Dichloropropane	9.37	63	46955	55.992	ug/l	98
46) Dibromomethane	9.46	93	27623	65.776	ug/l	98
47) Bromodichloromethane	9.65	83	64445	58.244	ug/l	99
48) Methyl methacrylate	9.44	41	35224	83.939	ug/l	97
49) 1,4-Dioxane	9.48	88	8898	1425.541	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	170264	387.130	ug/l	99
52) Toluene	10.39	92	102442	44.248	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	68070	63.507	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	78135	60.339	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	54361	87.982	ug/l	95
56) Ethyl methacrylate	10.65	69	63863	89.044	ug/l	94
57) 1,3-Dichloropropane	10.93	76	66987	64.695	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	129193	344.719	ug/l	100
59) 2-Hexanone	10.98	43	147312	489.119	ug/l	87
60) Dibromochloromethane	11.13	129	47028	66.798	ug/l	98
61) 1,2-Dibromoethane	11.24	107	37672	66.651	ug/l	97
64) Tetrachloroethene	10.87	164	19871	33.216	ug/l	96
65) Chlorobenzene	11.66	112	102460	52.790	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	35372	60.245	ug/l	96
67) Ethyl Benzene	11.74	91	131500	36.881	ug/l	99
68) m/p-Xylenes	11.84	106	97479	69.684	ug/l	100
69) o-Xylene	12.17	106	48066	36.440	ug/l	94
70) Styrene	12.18	104	97871	46.620	ug/l	98
71) Bromoform	12.35	173	23620	85.397	ug/l #	93
73) Isopropylbenzene	12.47	105	280201	148.808	ug/l	99
74) N-amyl acetate	12.27	43	89179	282.585	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.72	83	50100	199.927	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	52920	277.968	ug/l #	100
77) Bromobenzene	12.75	156	34362	84.964	ug/l	84
78) n-propylbenzene	12.81	91	372353	163.252	ug/l	99
79) 2-Chlorotoluene	12.90	91	63603	48.363	ug/l	83
80) 1,3,5-Trimethylbenzene	12.95	105	52586	32.295	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	14006	184.699	ug/l #	71
82) 4-Chlorotoluene	12.99	91	69493	50.354	ug/l	89
83) tert-Butylbenzene	13.21	119	55363	39.272	ug/l	93
84) 1,2,4-Trimethylbenzene	13.26	105	56818	35.023	ug/l	98
85) sec-Butylbenzene	13.39	105	276403	138.785	ug/l	87
86) p-Isopropyltoluene	13.51	119	37747	21.484	ug/l	90
87) 1,3-Dichlorobenzene	13.51	146	34508	41.795	ug/l #	80
88) 1,4-Dichlorobenzene	13.58	146	36372	44.184	ug/l #	78
89) n-Butylbenzene	13.83	91	142070	85.923	ug/l #	83
90) Hexachloroethane	14.10	117	76145	296.843	ug/l #	20
91) 1,2-Dichlorobenzene	13.88	146	36603	50.594	ug/l #	49
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7152	168.987	ug/l	83

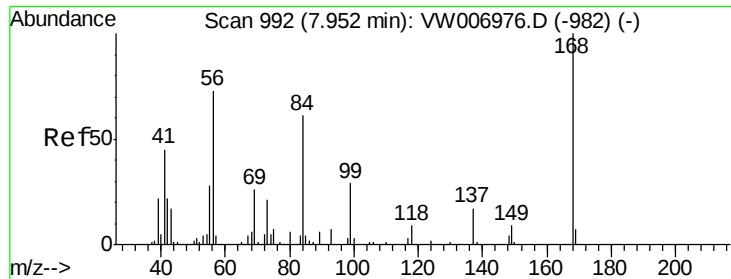
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	10694	22.417	ug/l #	1
94) Hexachlorobutadiene	15.24	225	2464	9.501	ug/l	98
95) Naphthalene	15.38	128	55196	63.739	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.57	180	9499	24.001	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007057.D

Acq: 26 Nov 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

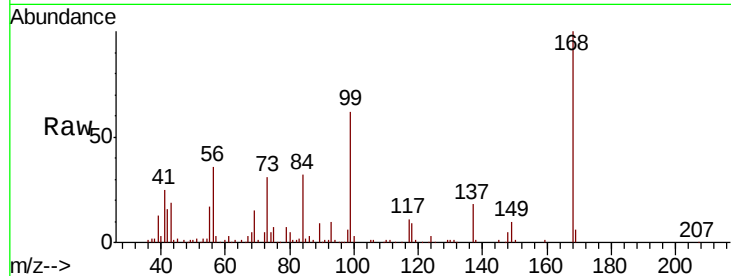
NON-UST-03R-AMS

Tot Ion:168 Resp: 66955

Ion Ratio Lower Upper

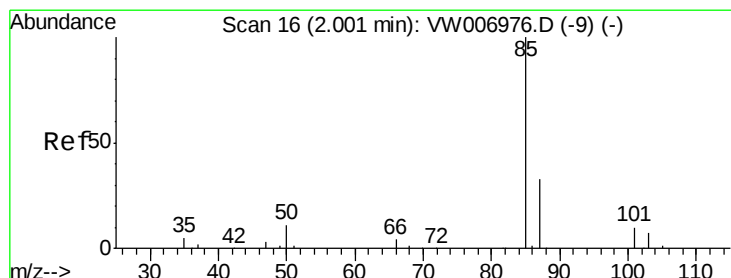
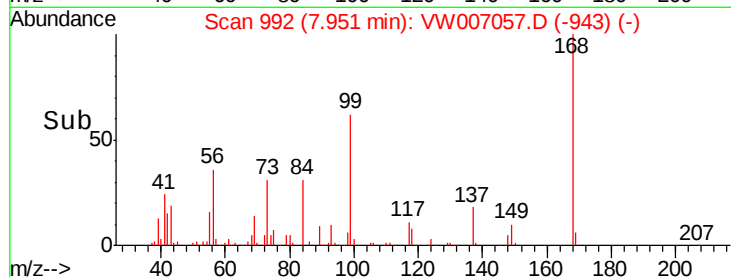
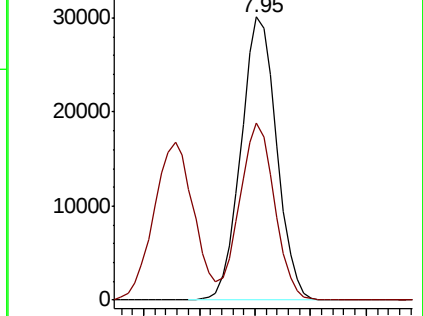
168 100

99 62.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 59.682 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW007057.D

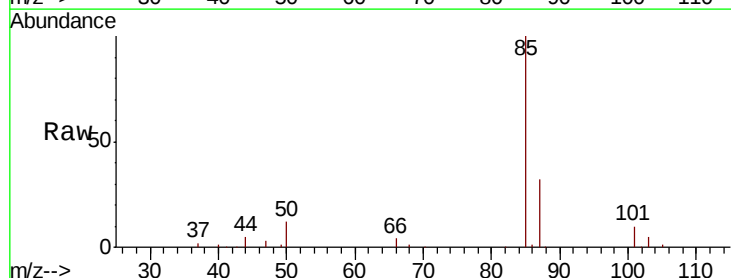
Acq: 26 Nov 2018 19:23

Tgt Ion: 85 Resp: 39454

Ion Ratio Lower Upper

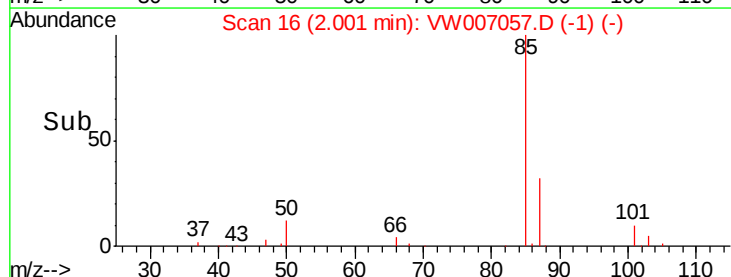
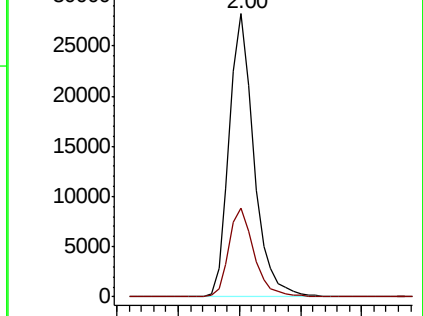
85 100

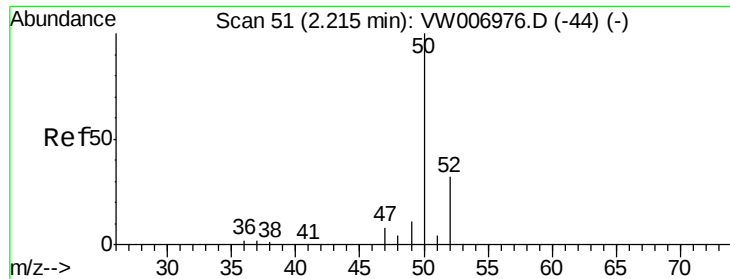
87 31.5 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

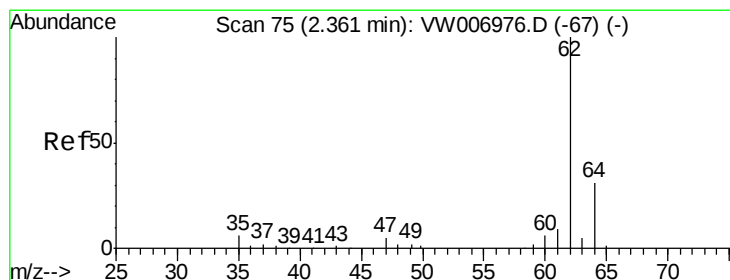
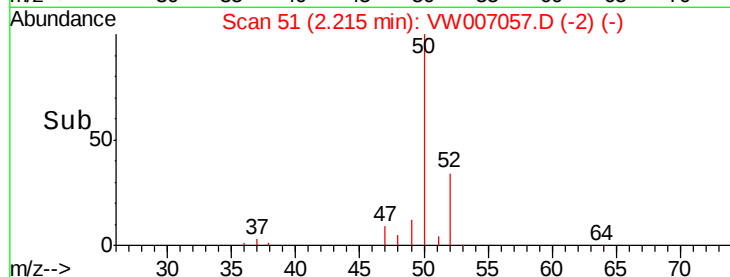
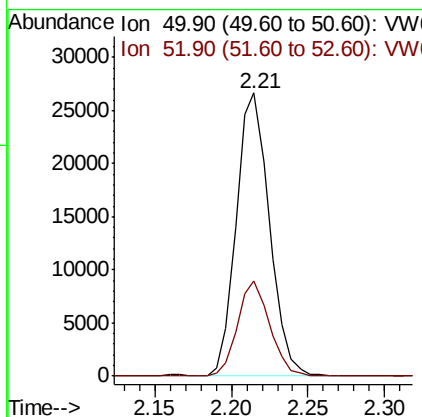
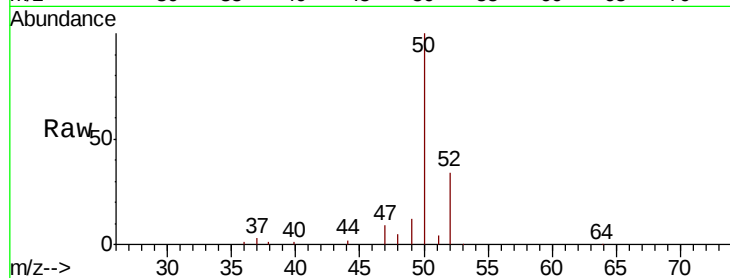




#3
Chloromethane
Concen: 72.615 ug/l
RT: 2.21 min Scan# 51
Delta R.T. -0.00 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

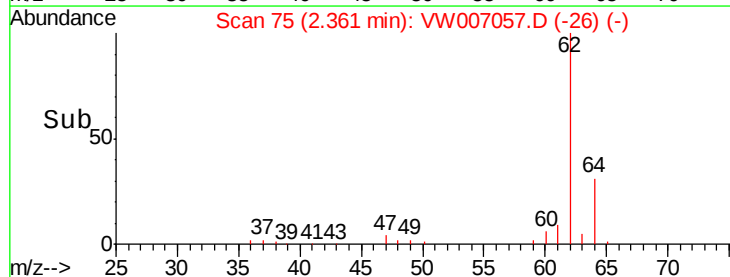
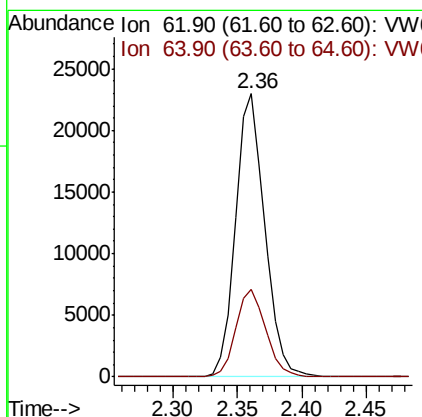
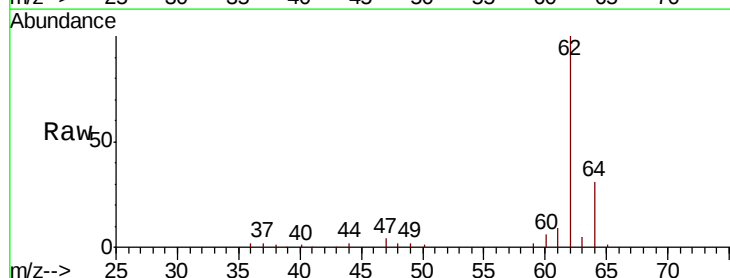
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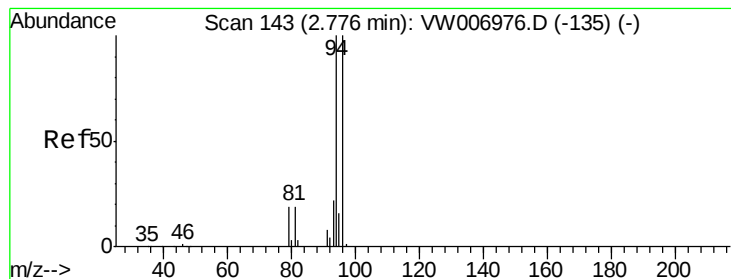
Tot Ion: 50 Resp: 40005
Ion Ratio Lower Upper
50 100
52 33.8 25.7 38.5



#4
Vinyl Chloride
Concen: 66.963 ug/l
RT: 2.36 min Scan# 75
Delta R.T. -0.00 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

Tgt Ion: 62 Resp: 36297
Ion Ratio Lower Upper
62 100
64 31.0 25.2 37.8





#5

Bromomethane

Concen: 77.543 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW007057.D

Acq: 26 Nov 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

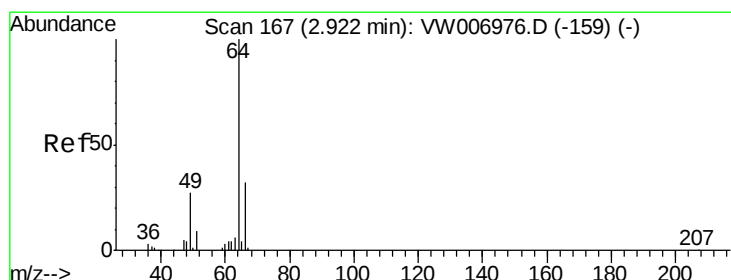
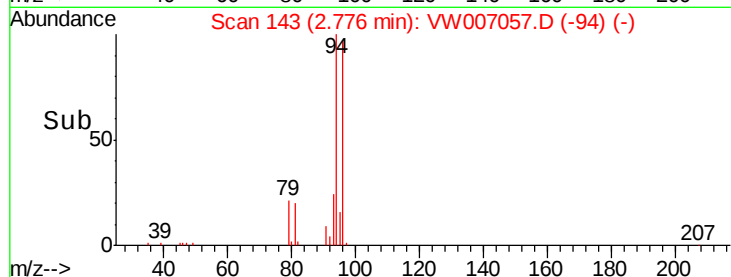
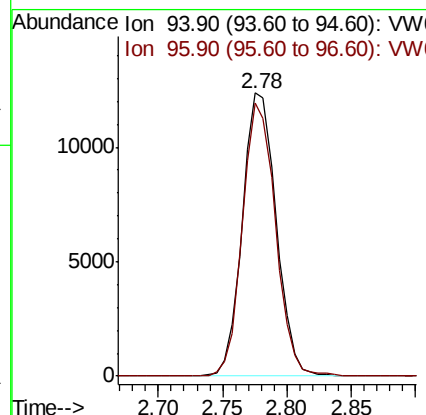
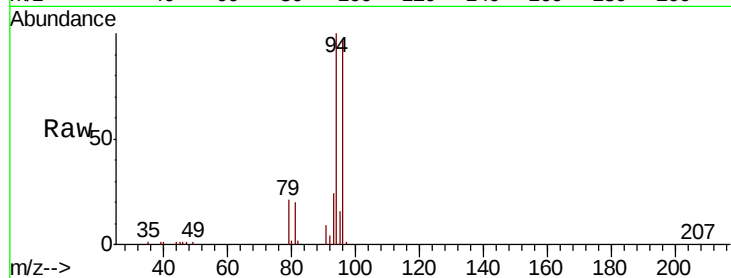
NON-UST-03R-AMS

Tot Ion: 94 Resp: 22434

Ion Ratio Lower Upper

94 100

96 96.7 80.2 120.2



#6

Chloroethane

Concen: 71.259 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW007057.D

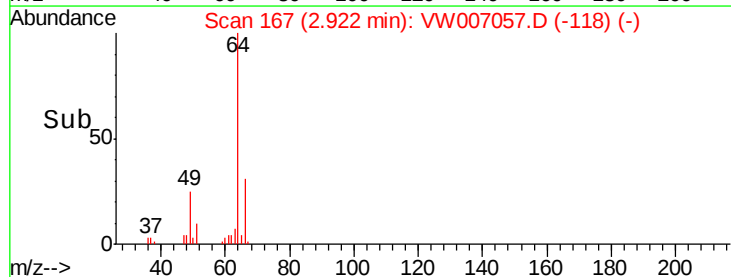
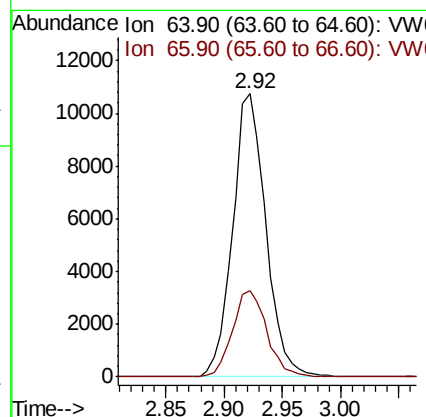
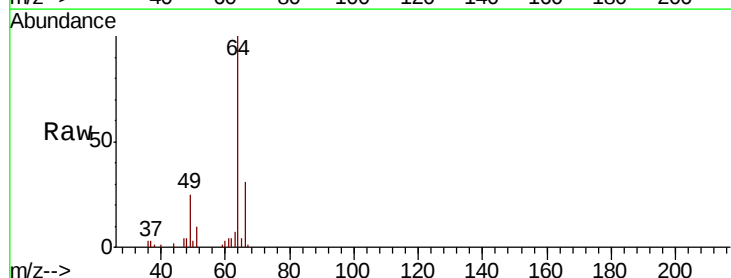
Acq: 26 Nov 2018 19:23

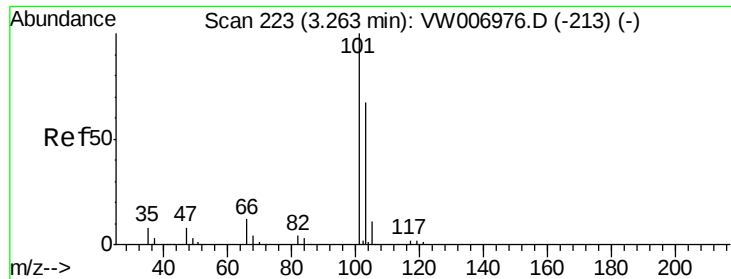
Tgt Ion: 64 Resp: 21292

Ion Ratio Lower Upper

64 100

66 30.5 25.3 37.9



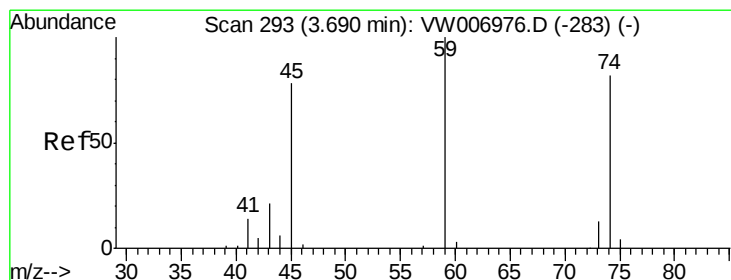
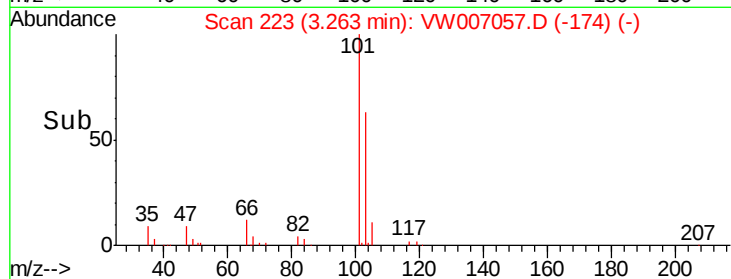
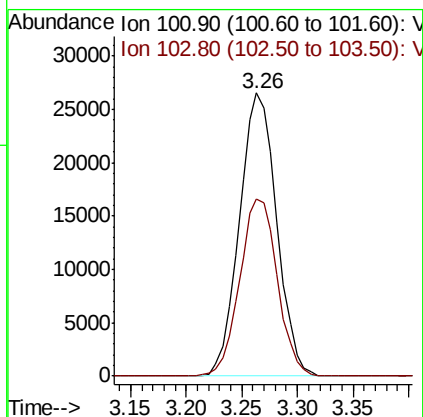
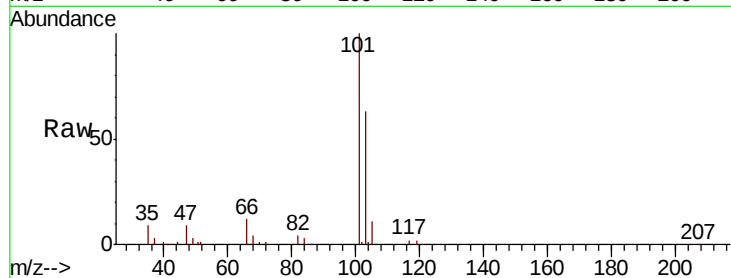


#7

Trichlorofluoromethane
 Concen: 57.710 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW007057.D
 Acq: 26 Nov 2018 19:23

Instrument :
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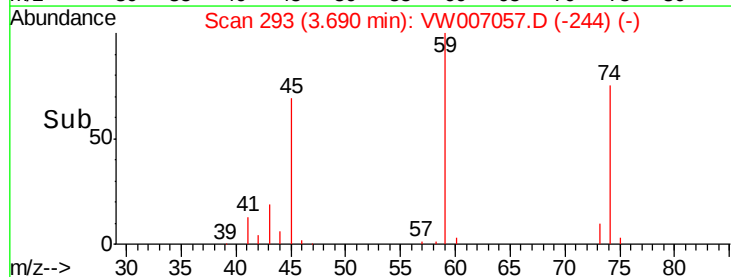
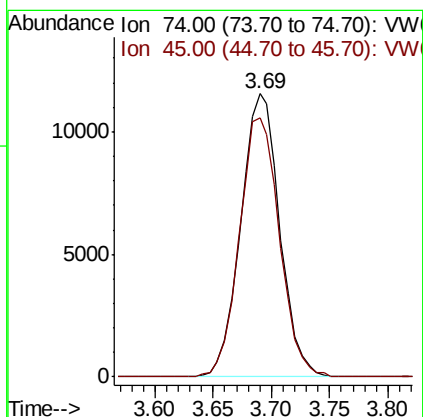
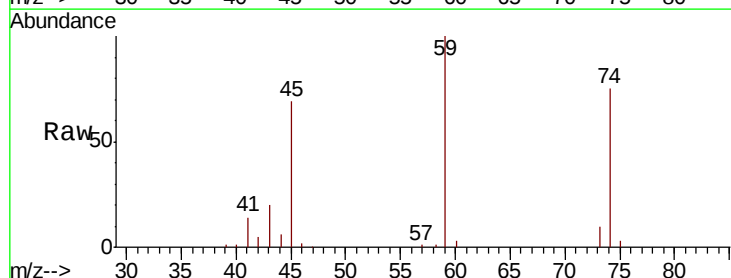
Tot Ion:101 Resp: 61510
 Ion Ratio Lower Upper
 101 100
 103 62.7 53.4 80.2

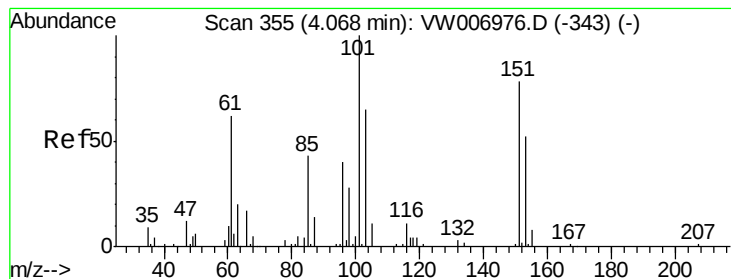


#8

Diethyl Ether
 Concen: 78.185 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW007057.D
 Acq: 26 Nov 2018 19:23

Tgt Ion: 74 Resp: 26852
 Ion Ratio Lower Upper
 74 100
 45 94.5 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 36.520 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW007057.D

Acq: 26 Nov 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMS

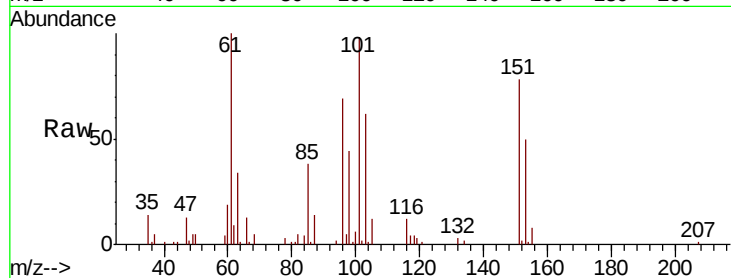
Tot Ion:101 Resp: 25235

Ion Ratio Lower Upper

101 100

85 42.8 34.3 51.5

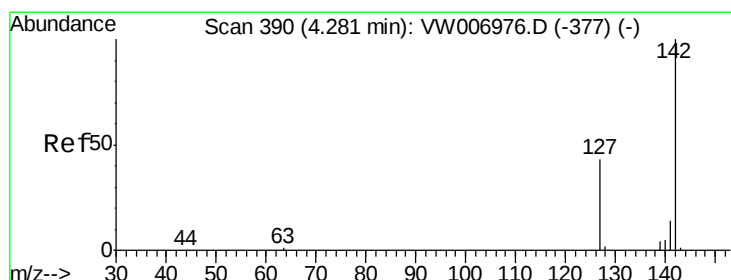
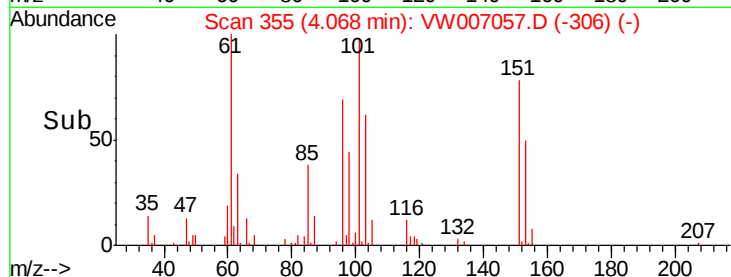
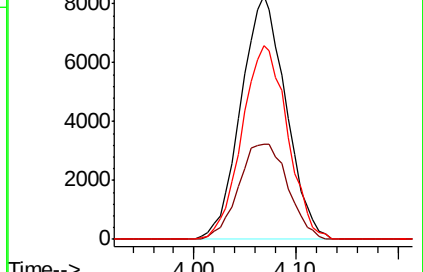
151 80.7 63.4 95.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 63.519 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.01 min

Lab File: VW007057.D

Acq: 26 Nov 2018 19:23

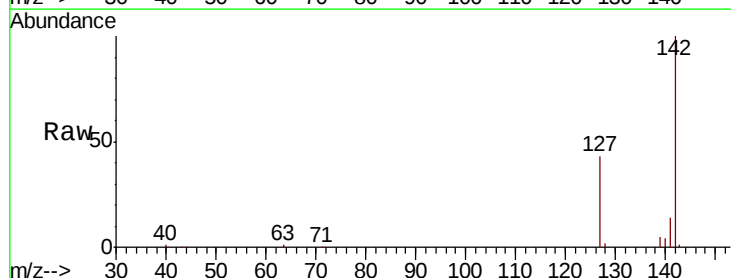
Tgt Ion:142 Resp: 50244

Ion Ratio Lower Upper

142 100

127 43.7 35.3 52.9

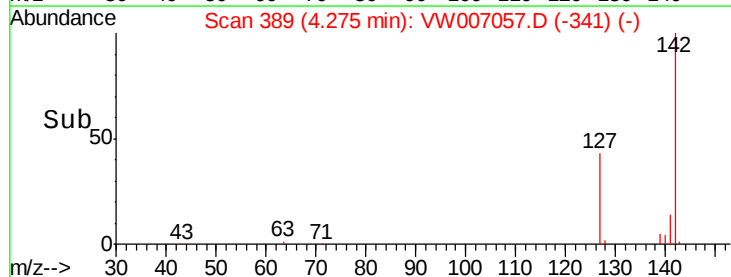
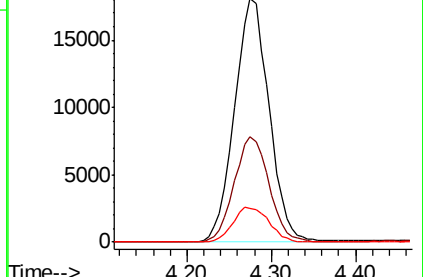
141 14.9 11.7 17.5

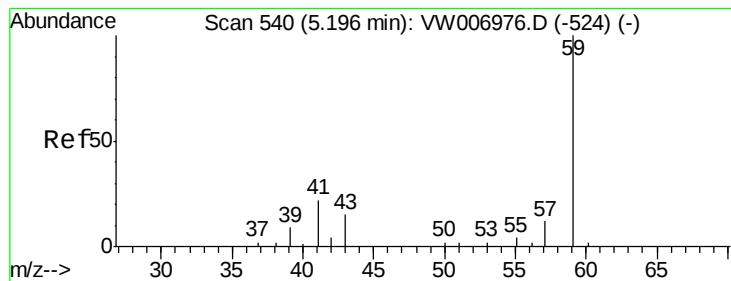


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



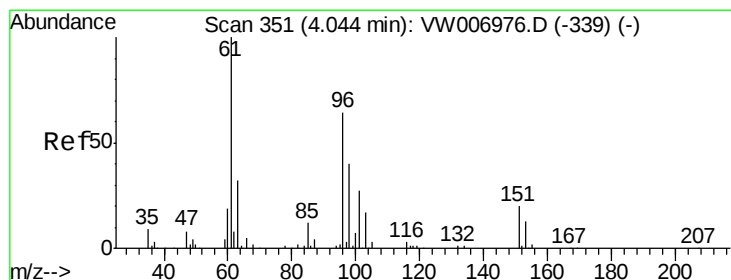
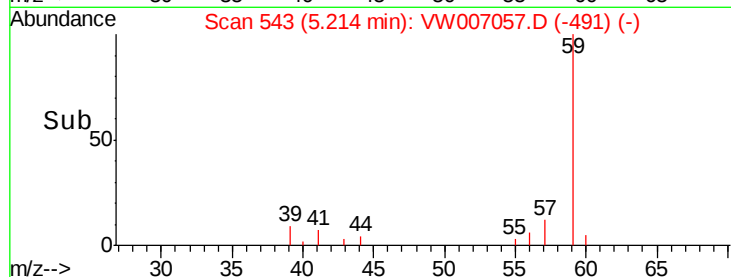
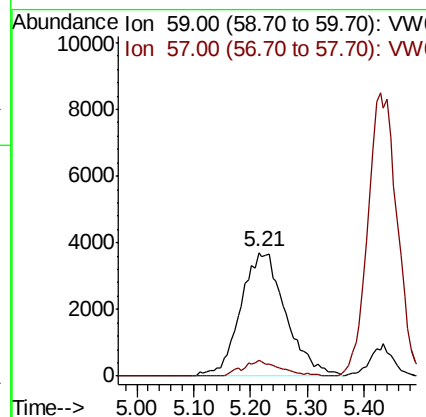
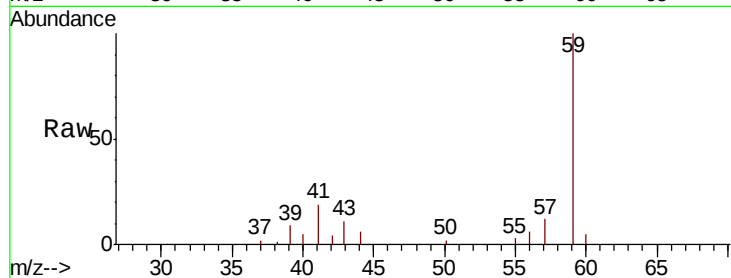


#11

Tert butyl alcohol
 Concen: 478.270 ug/l
 RT: 5.21 min Scan# 543
 Delta R.T. 0.02 min
 Lab File: VW007057.D
 Acq: 26 Nov 2018 19:23

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

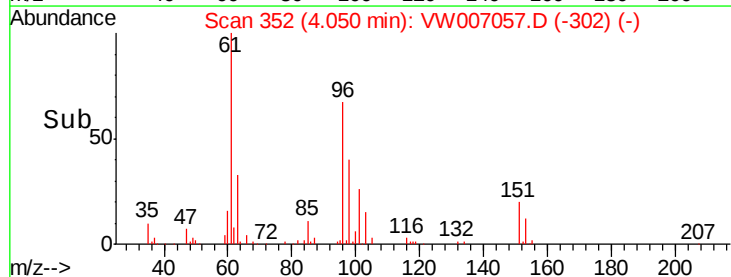
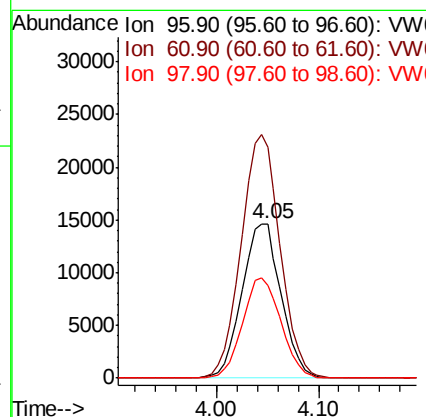
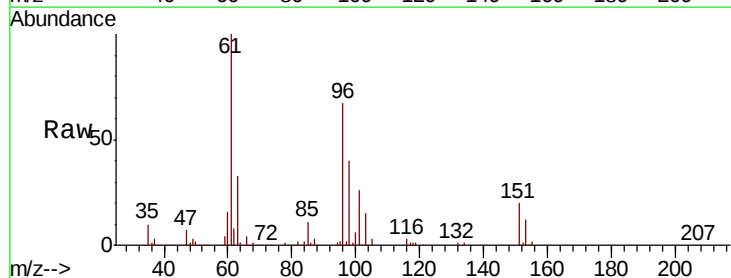
Tot Ion: 59 Resp: 20409
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.6 13.0

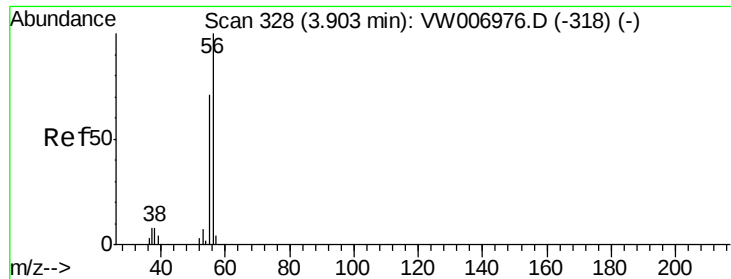


#12

1,1-Dichloroethene
 Concen: 64.320 ug/l
 RT: 4.05 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VW007057.D
 Acq: 26 Nov 2018 19:23

Tgt Ion: 96 Resp: 38980
 Ion Ratio Lower Upper
 96 100
 61 149.3 124.3 186.5
 98 59.5 49.4 74.2





#13

Acrolein

Concen: 478.126 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.00 min

Lab File: VW007057.D

Acq: 26 Nov 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

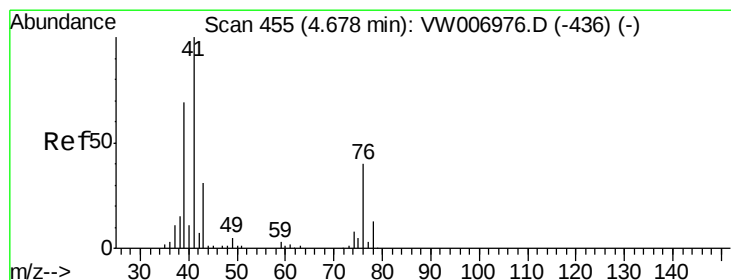
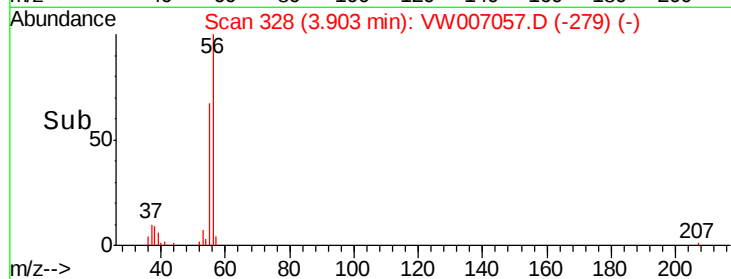
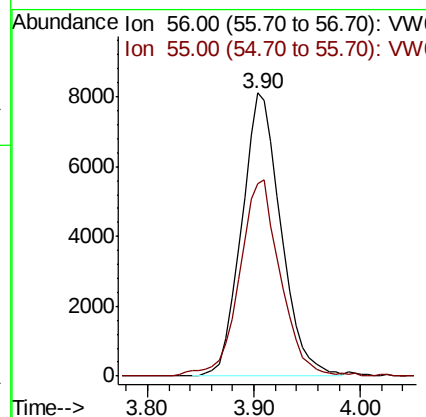
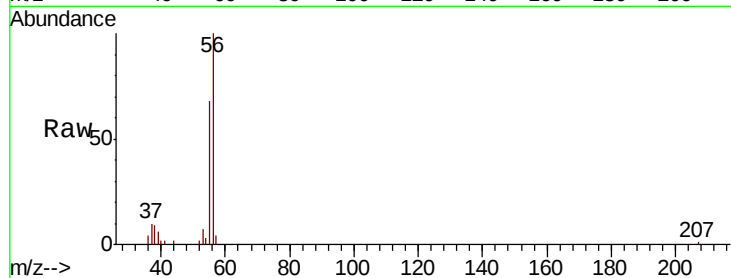
NON-UST-03R-AMS

Tot Ion: 56 Resp: 20953

Ion Ratio Lower Upper

56 100

55 71.8 57.5 86.3



#14

Allyl chloride

Concen: 68.357 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW007057.D

Acq: 26 Nov 2018 19:23

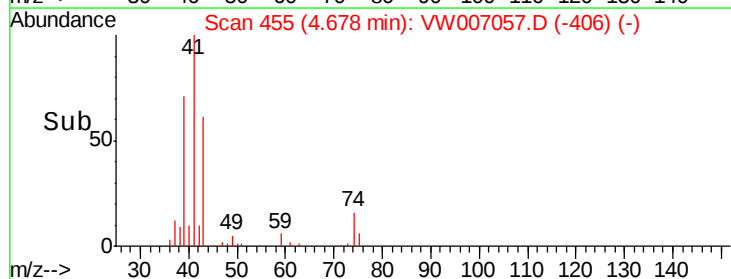
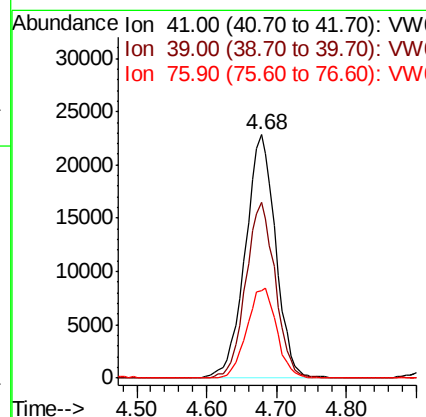
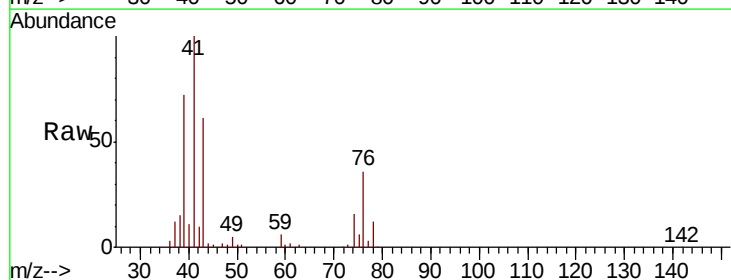
Tgt Ion: 41 Resp: 68712

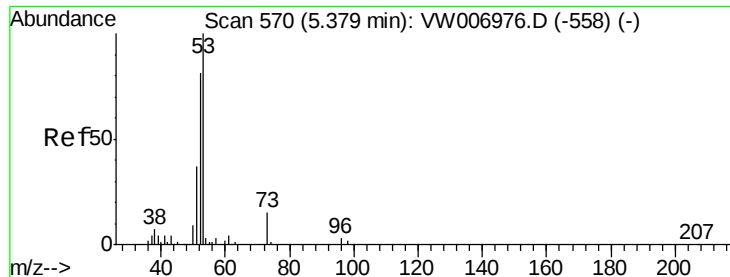
Ion Ratio Lower Upper

41 100

39 69.9 55.4 83.2

76 36.1 29.6 44.4





#15

Acrylonitrile

Concen: 488.567 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW007057.D

Acq: 26 Nov 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMS

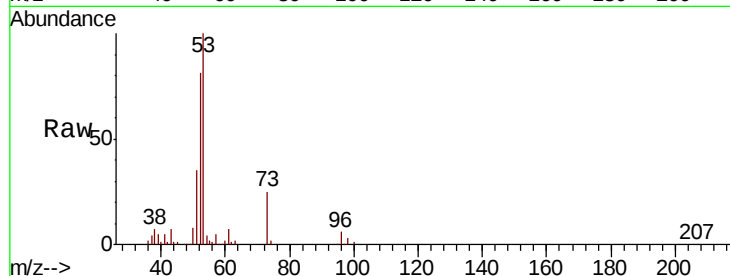
Tot Ion: 53 Resp: 63065

Ion Ratio Lower Upper

53 100

52 82.5 65.7 98.5

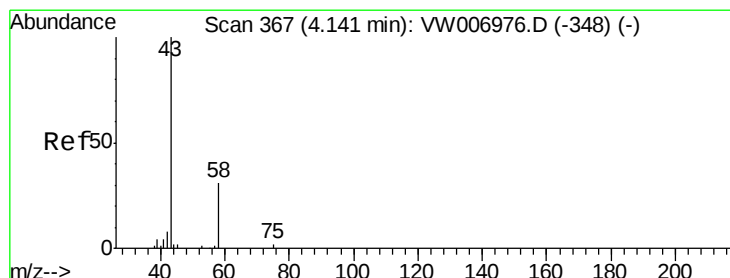
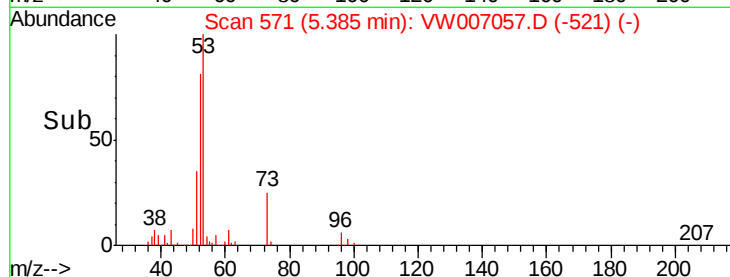
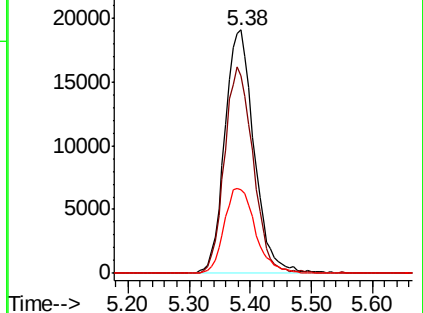
51 37.3 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 492.363 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW007057.D

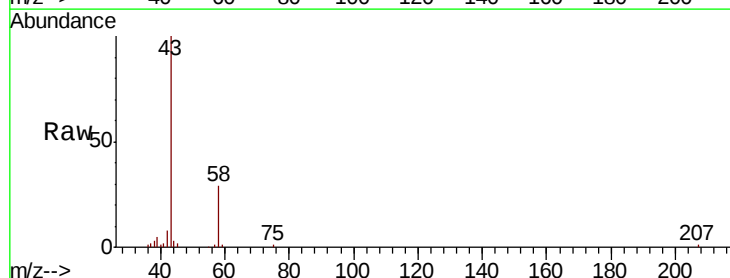
Acq: 26 Nov 2018 19:23

Tgt Ion: 43 Resp: 46859

Ion Ratio Lower Upper

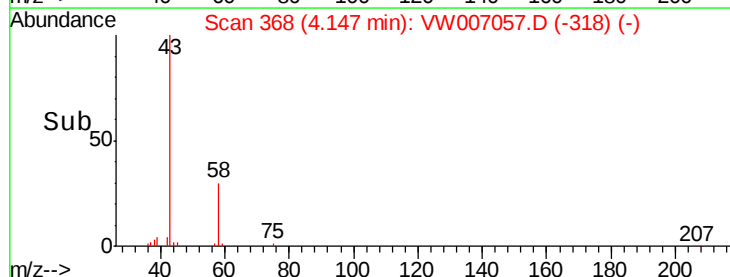
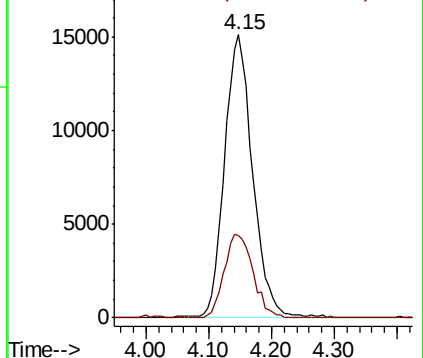
43 100

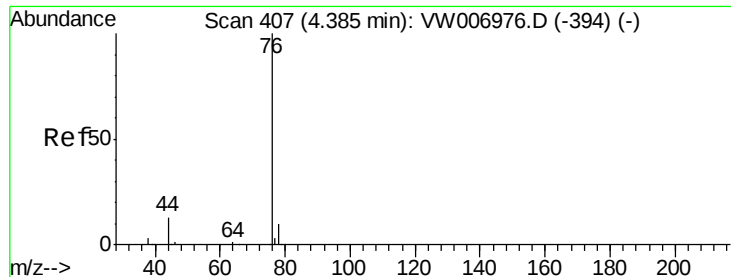
58 29.2 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

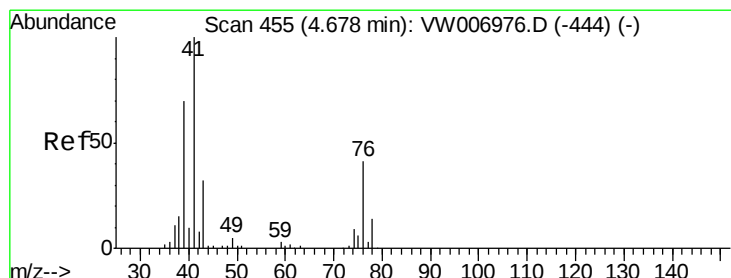
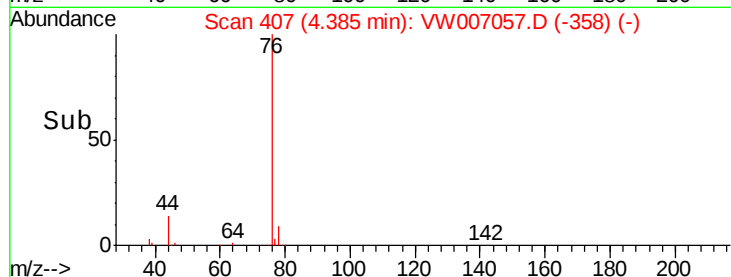
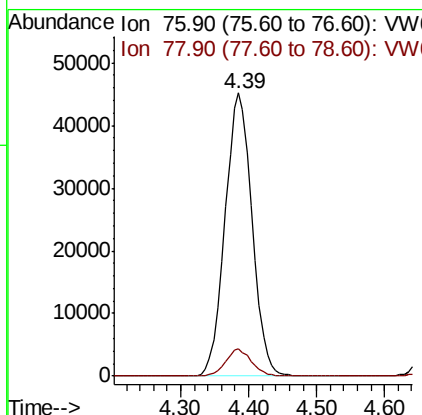
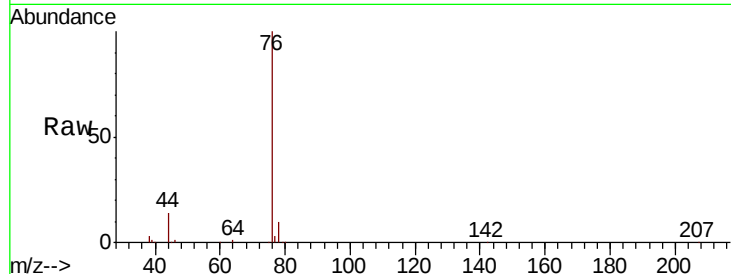




#17
Carbon Disulfide
Concen: 63.281 ug/l
RT: 4.39 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

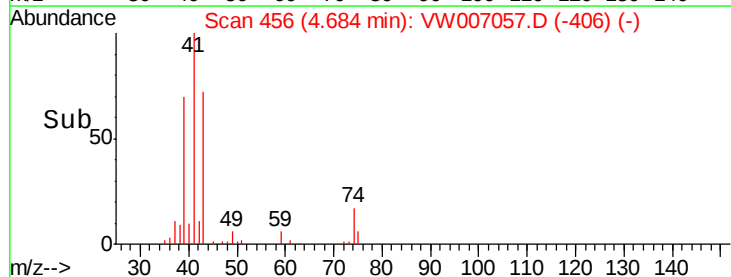
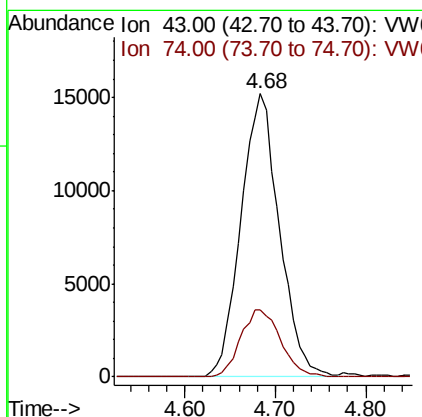
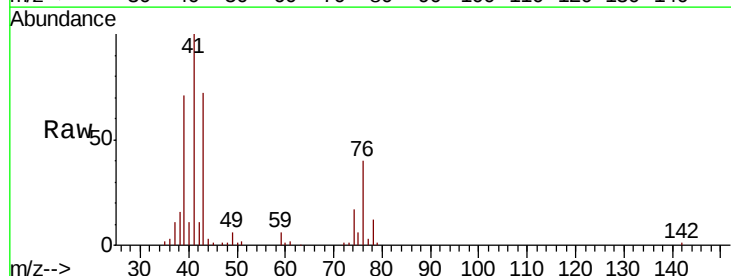
Instrument :
MSVOA_W
ClientSampleId :
NON-UST-03R-AMS

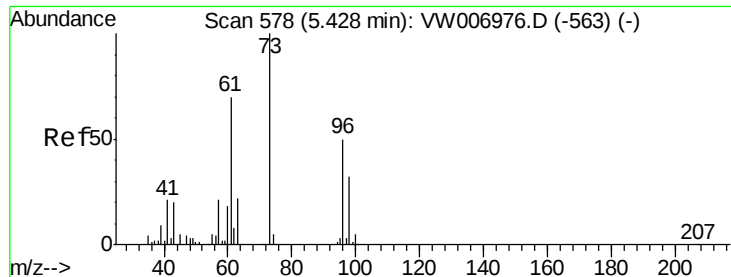
Tot Ion: 76 Resp: 123988
Ion Ratio Lower Upper
76 100
78 9.7 7.8 11.6



#18
Methyl Acetate
Concen: 131.887 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

Tgt Ion: 43 Resp: 44699
Ion Ratio Lower Upper
43 100
74 24.6 20.1 30.1

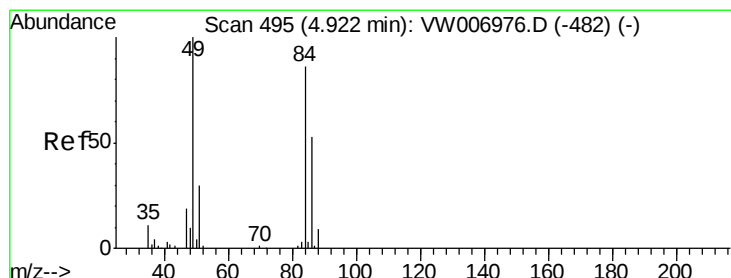
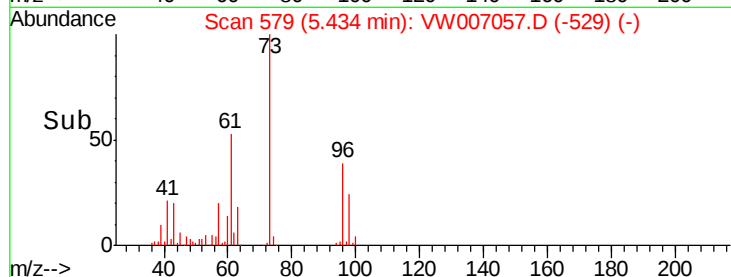
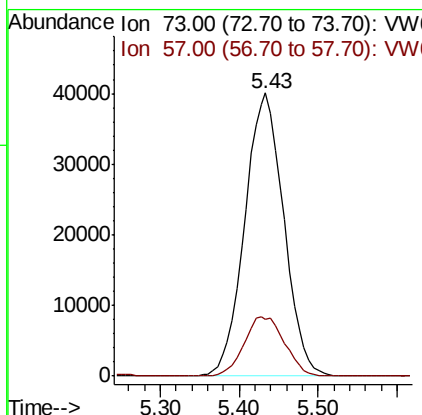
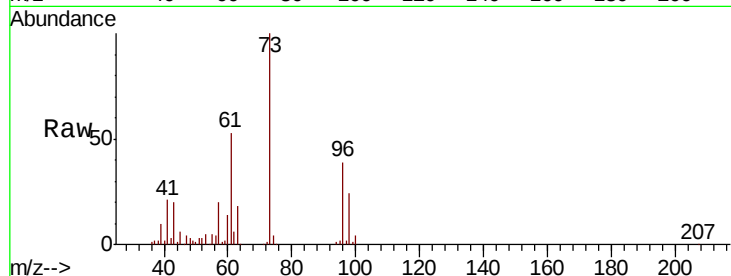




#19
Methvl tert-butvl Ether
Concen: 86.992 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

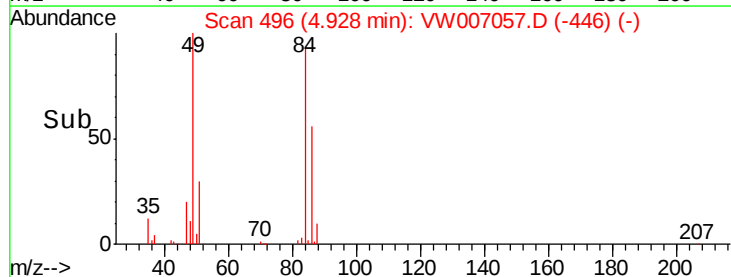
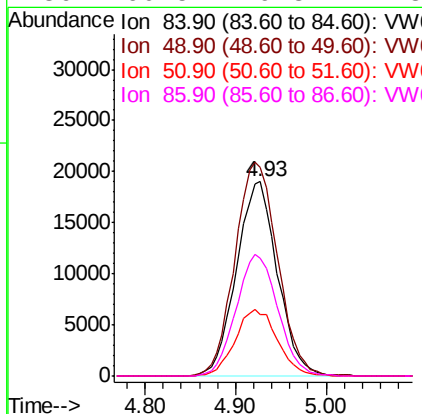
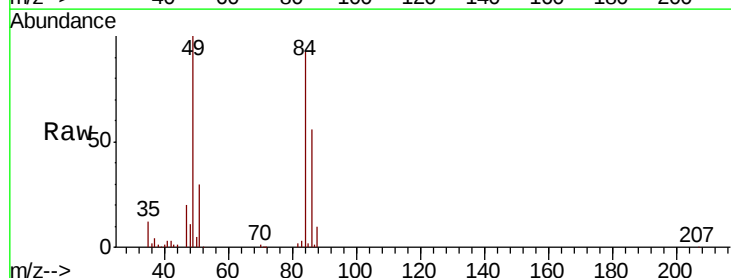
Instrument :
MSVOA_W
ClientSampleId :
NON-UST-03R-AMS

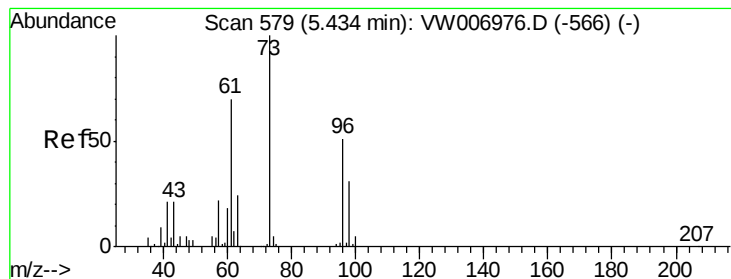
Tot Ion: 73 Resp: 137658
Ion Ratio Lower Upper
73 100
57 20.0 16.7 25.1



#20
Methylene Chloride
Concen: 81.890 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

Tgt Ion: 84 Resp: 59497
Ion Ratio Lower Upper
84 100
49 107.5 93.4 140.0
51 31.9 28.4 42.6
86 60.5 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 66.290 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW007057.D

Acq: 26 Nov 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMS

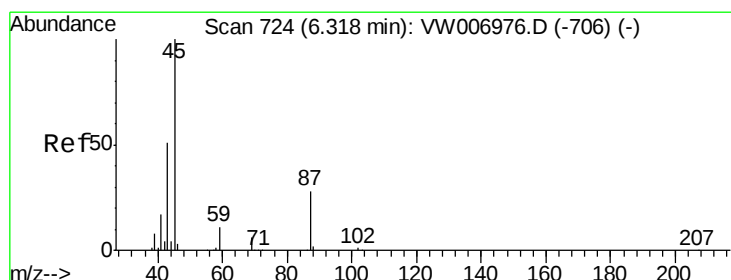
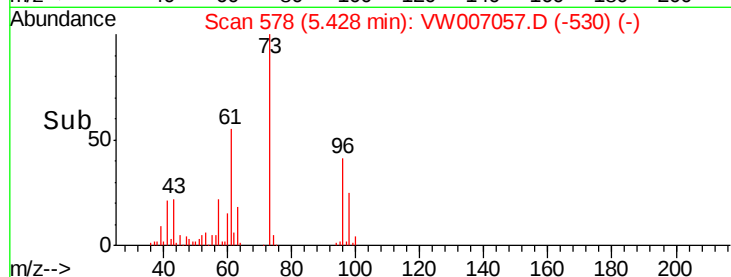
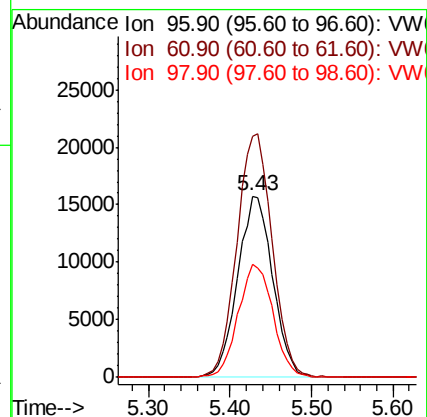
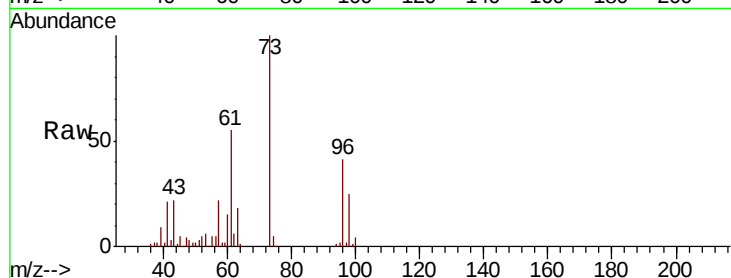
Tot Ion: 96 Resp: 46799

Ion Ratio Lower Upper

96 100

61 133.2 109.4 164.0

98 62.2 48.3 72.5



#22

Diisopropyl ether

Concen: 75.153 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW007057.D

Acq: 26 Nov 2018 19:23

Tgt Ion: 45 Resp: 147036

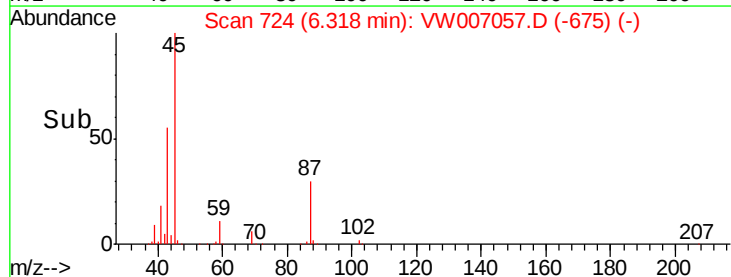
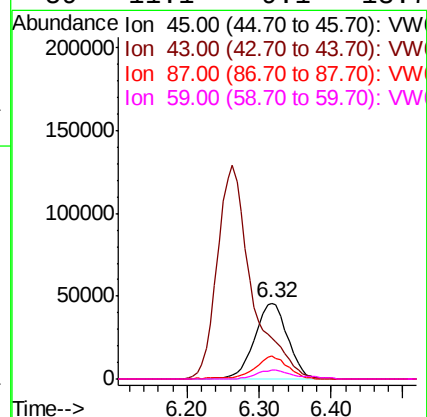
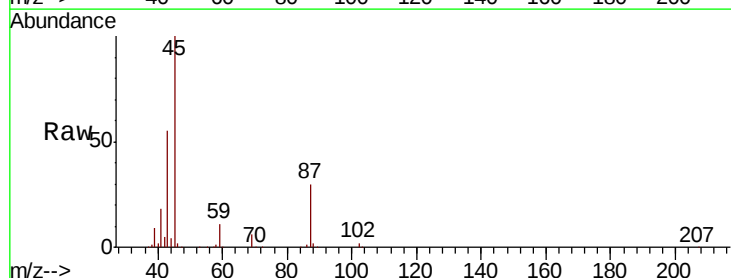
Ion Ratio Lower Upper

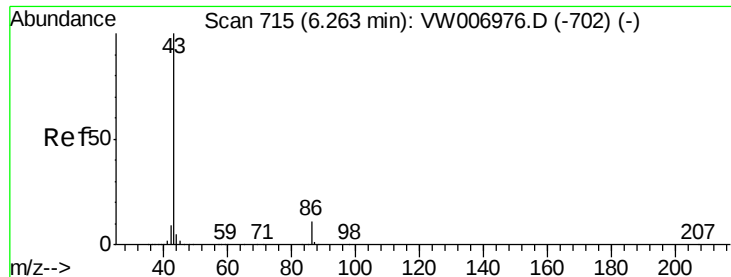
45 100

43 54.1 42.5 63.7

87 29.7 22.8 34.2

59 11.1 9.1 13.7





#23

Vinyl Acetate

Concen: 413.564 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW007057.D

Acq: 26 Nov 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

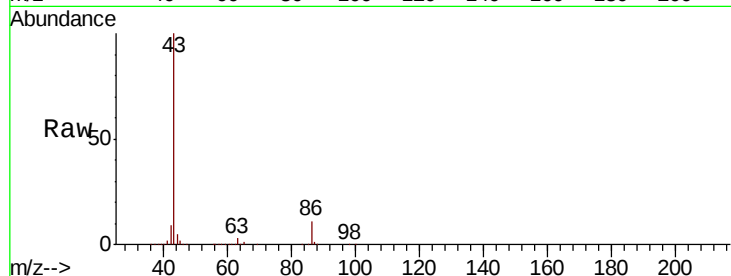
NON-UST-03R-AMS

Tot Ion: 43 Resp: 429681

Ion Ratio Lower Upper

43 100

86 11.0 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

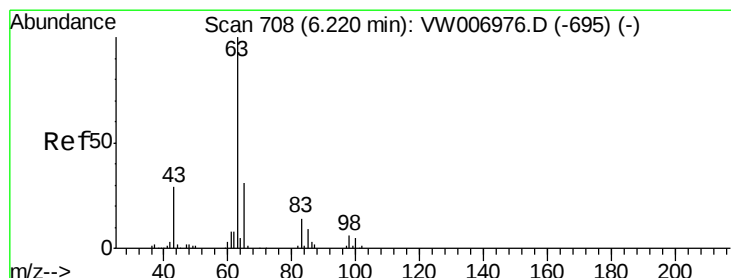
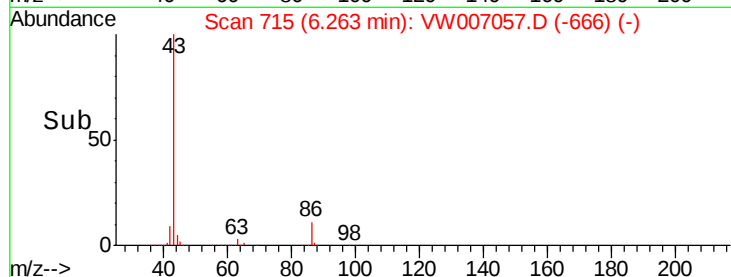
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 67.841 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW007057.D

Acq: 26 Nov 2018 19:23

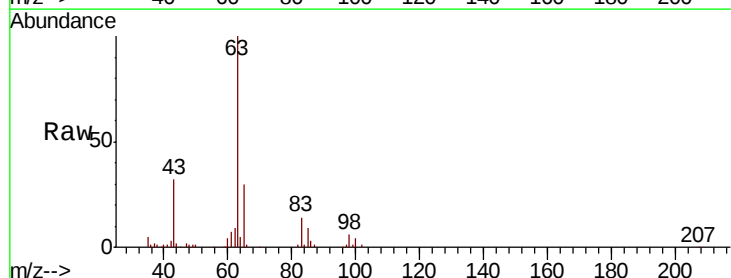
Tgt Ion: 63 Resp: 80746

Ion Ratio Lower Upper

63 100

98 6.5 3.1 9.4

100 4.3 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.22

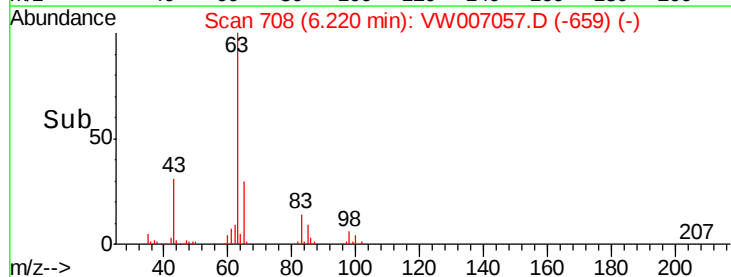
30000

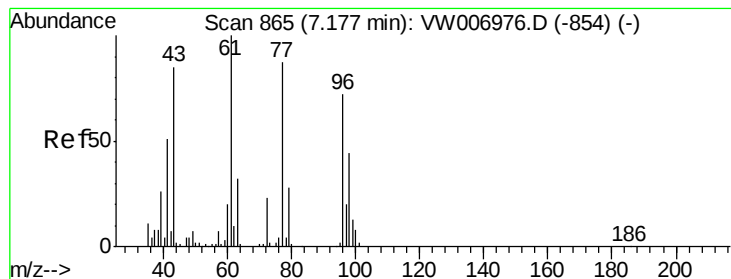
20000

10000

0

Time-->





#25

2-Butanone

Concen: 477.427 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW007057.D

Acq: 26 Nov 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

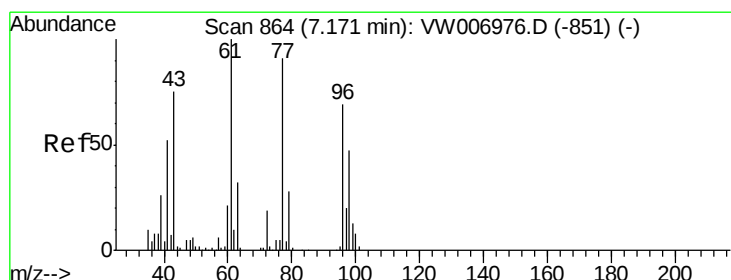
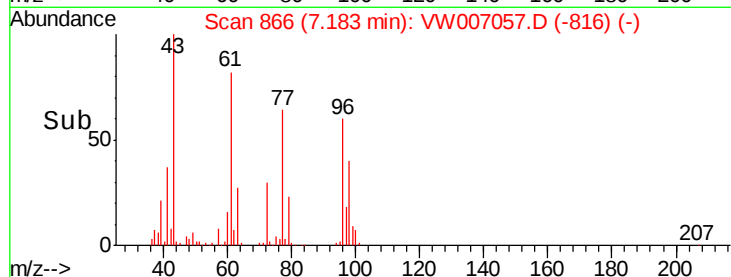
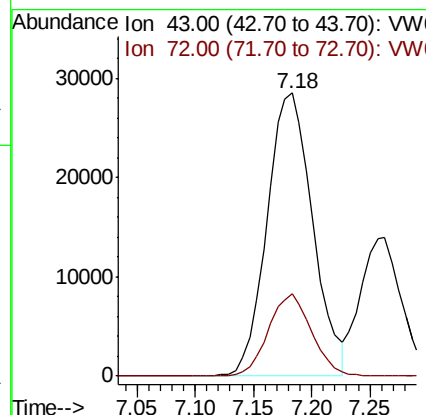
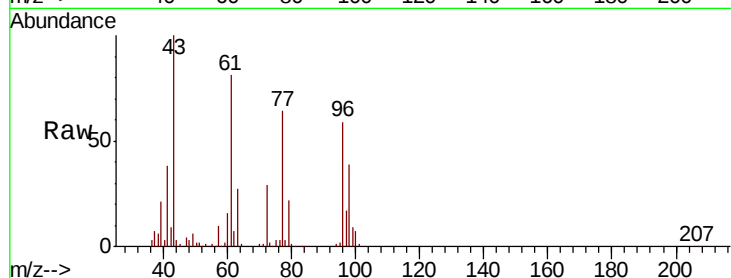
NON-UST-03R-AMS

Tot Ion: 43 Resp: 77822

Ion Ratio Lower Upper

43 100

72 29.1 21.3 31.9



#26

2,2-Dichloropropane

Concen: 60.248 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007057.D

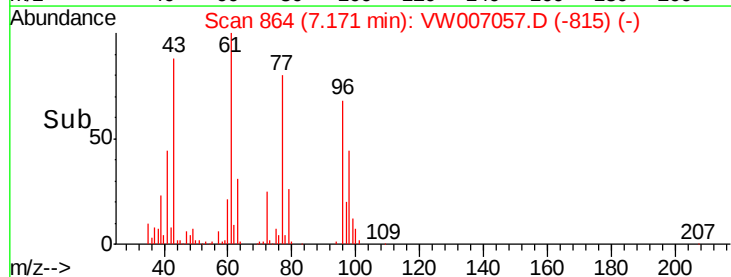
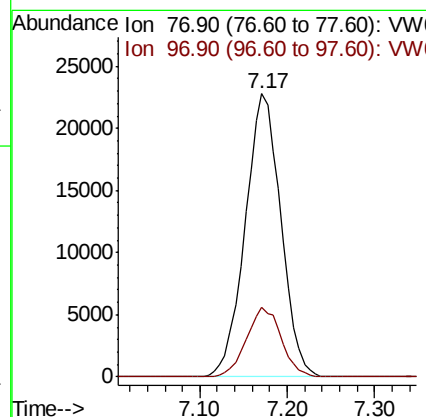
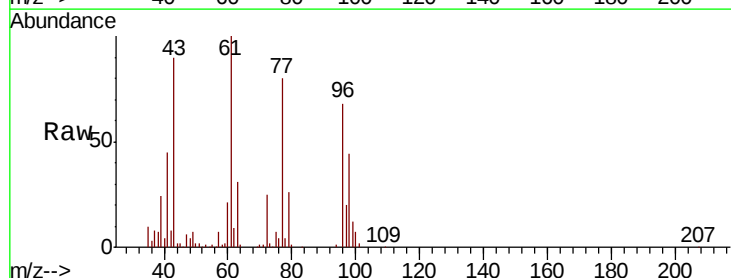
Acq: 26 Nov 2018 19:23

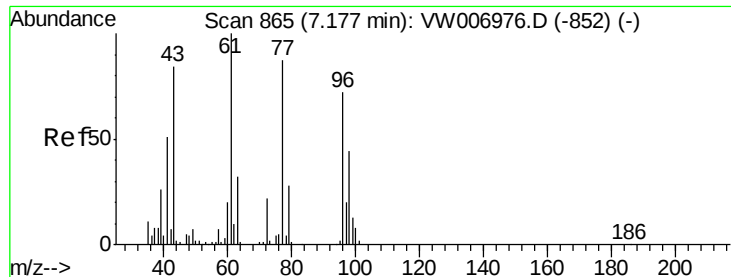
Tgt Ion: 77 Resp: 64484

Ion Ratio Lower Upper

77 100

97 24.1 11.4 34.1



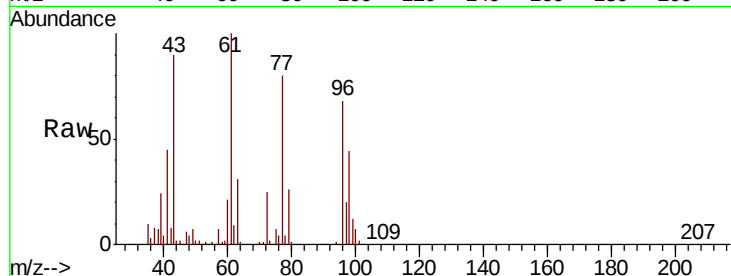


#27

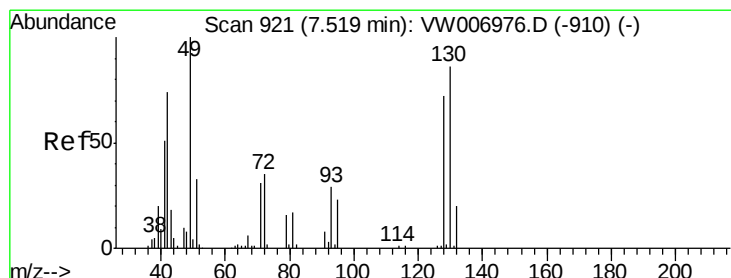
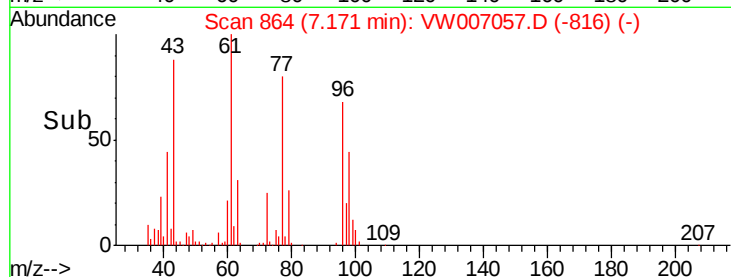
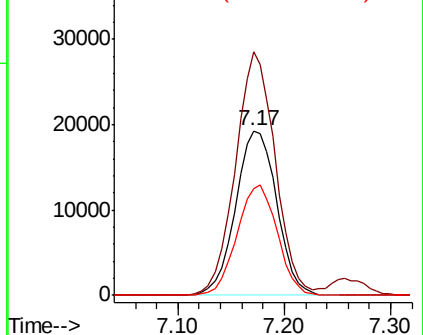
cis-1,2-Dichloroethene
Concen: 69.565 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

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

Tot Ion: 96 Resp: 52299
Ion Ratio Lower Upper
96 100
61 142.6 0.0 292.6
98 65.5 0.0 129.8



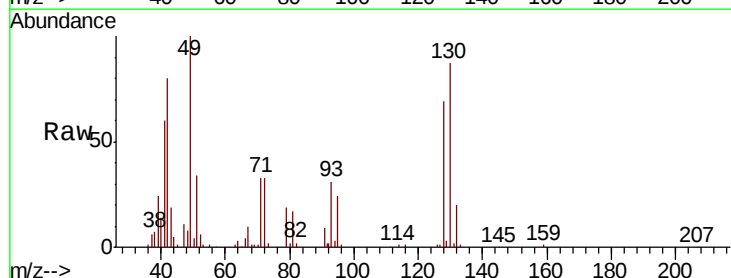
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



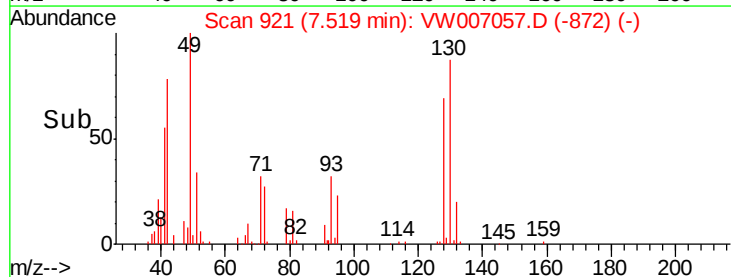
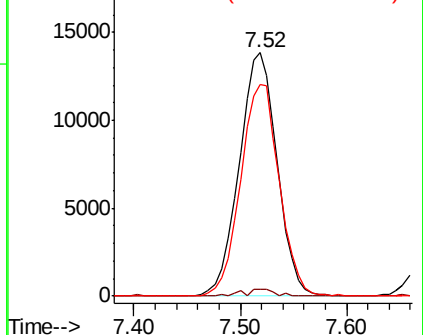
#28

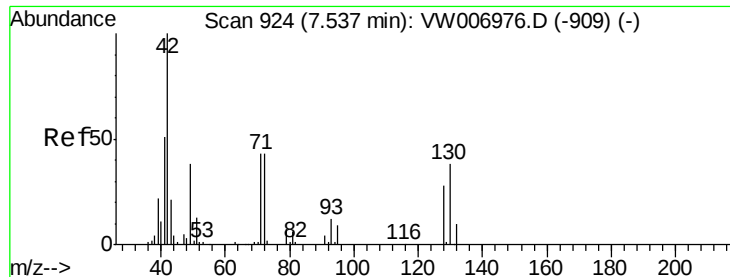
Bromochloromethane
Concen: 77.688 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

Tgt Ion: 49 Resp: 34559
Ion Ratio Lower Upper
49 100
129 2.3 0.0 2.0#
130 88.6 69.0 103.4



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

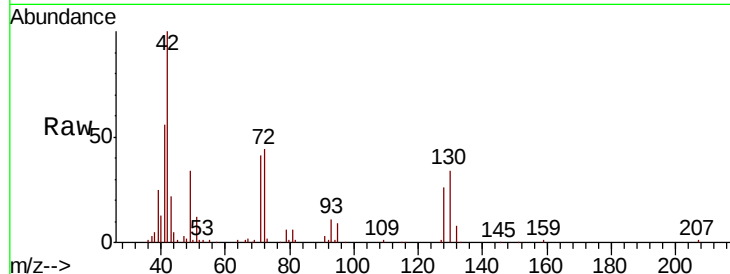




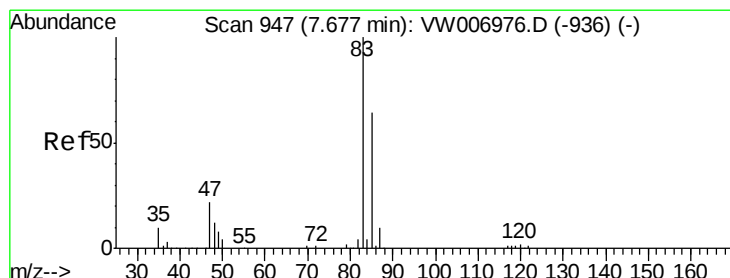
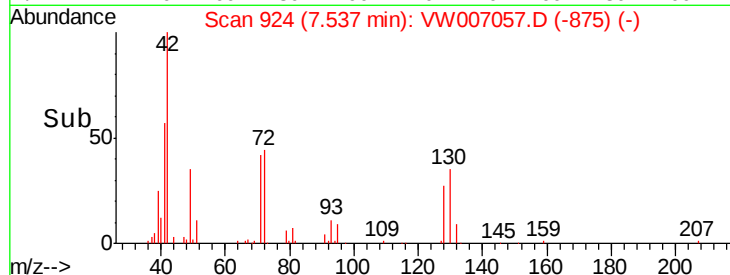
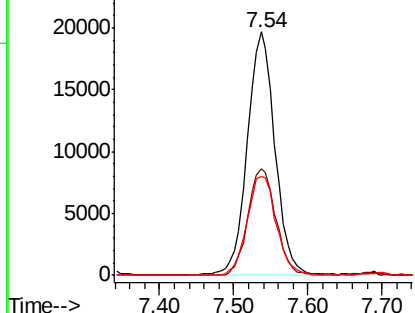
#29
Tetrahydrofuran
Concen: 487.777 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

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

Tot Ion: 42 Resp: 51494
Ion Ratio Lower Upper
42 100
72 44.2 36.2 54.4
71 42.7 33.8 50.8

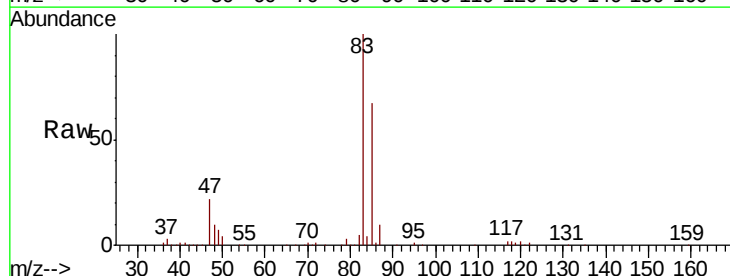


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

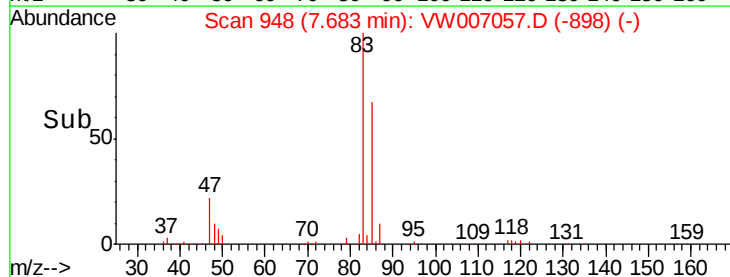
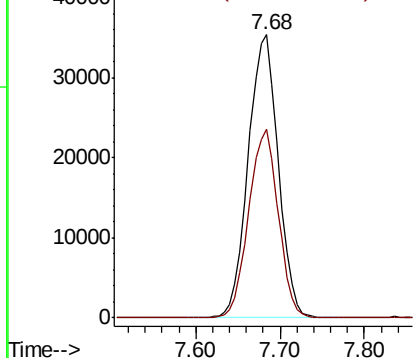


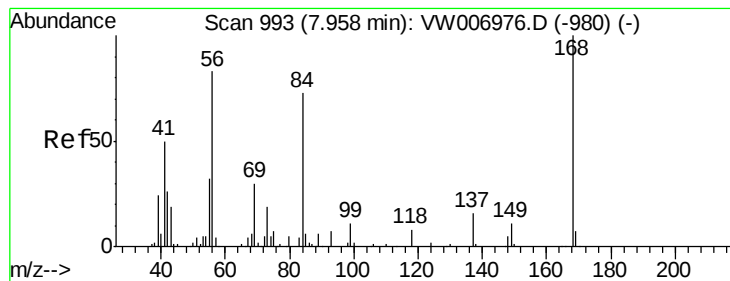
#30
Chloroform
Concen: 67.551 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

Tgt Ion: 83 Resp: 85416
Ion Ratio Lower Upper
83 100
85 66.7 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 22.935 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW007057.D

Acq: 26 Nov 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMS

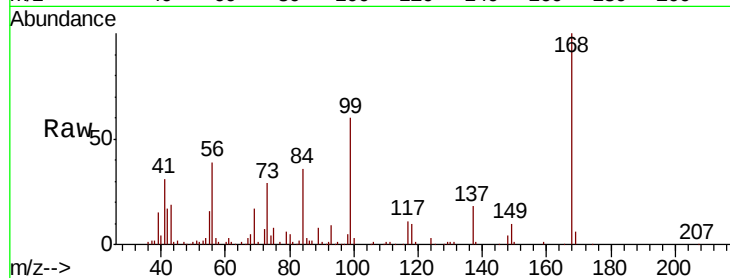
Tot Ion: 56 Resp: 28954

Ion Ratio Lower Upper

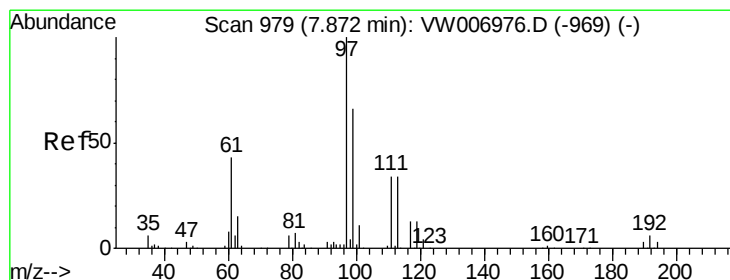
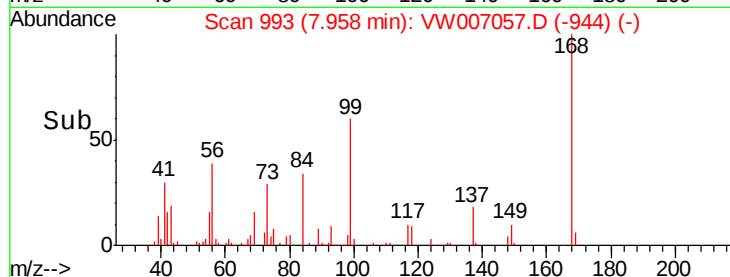
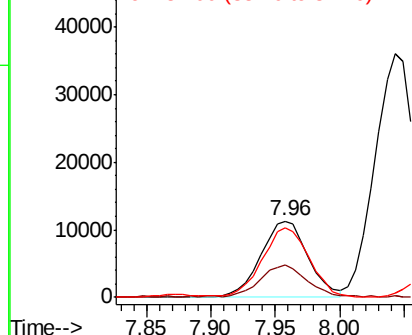
56 100

69 41.1 29.1 43.7

84 88.0 70.6 105.8



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 58.842 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.01 min

Lab File: VW007057.D

Acq: 26 Nov 2018 19:23

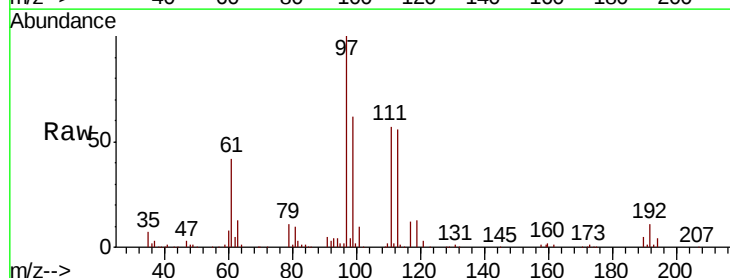
Tgt Ion: 97 Resp: 67018

Ion Ratio Lower Upper

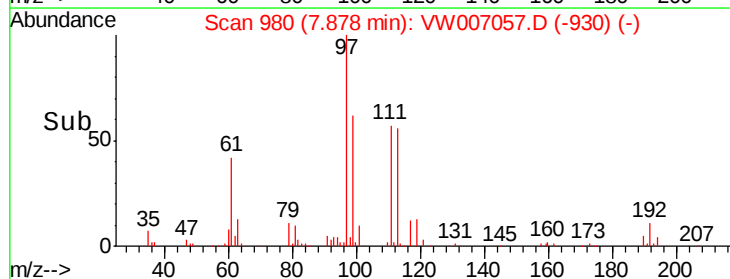
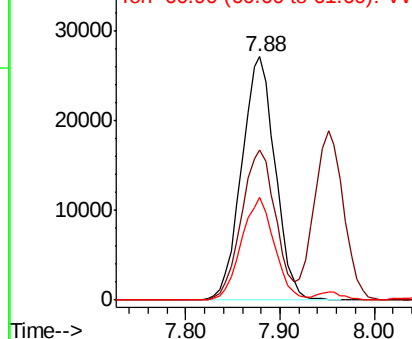
97 100

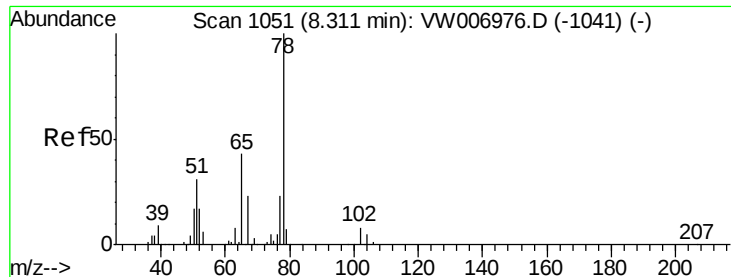
99 62.8 51.9 77.9

61 41.4 33.4 50.2



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

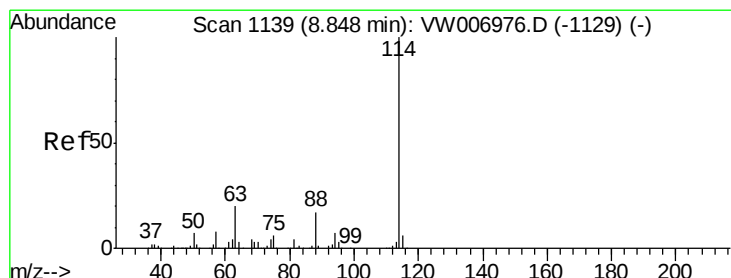
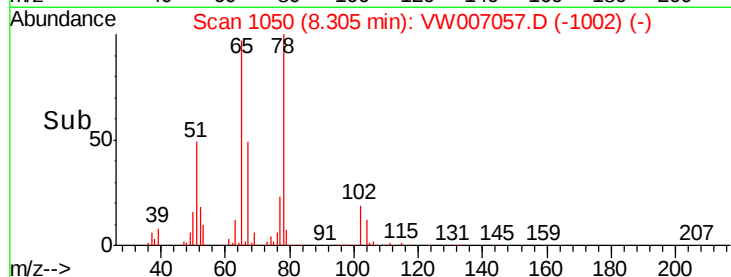
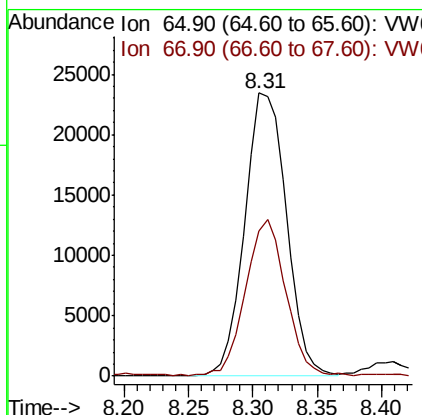
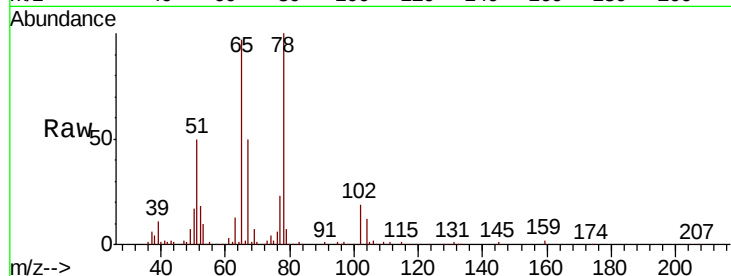




#33
 1,2-Dichloroethane-d4
 Concen: 80.297 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW007057.D
 Acq: 26 Nov 2018 19:23

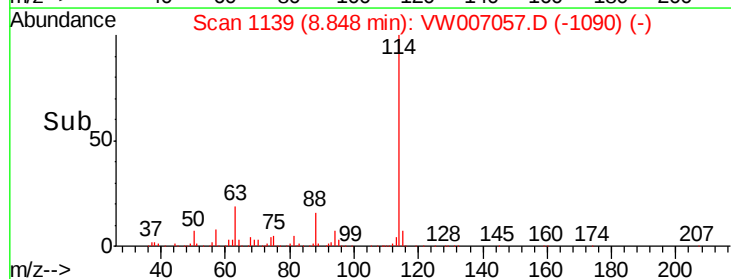
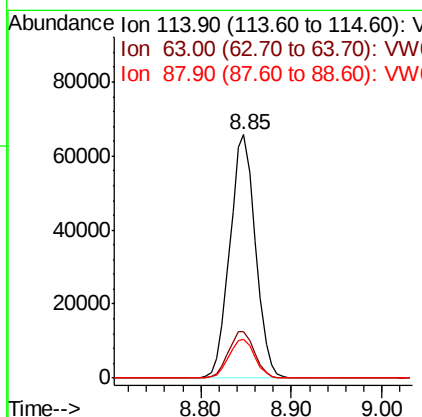
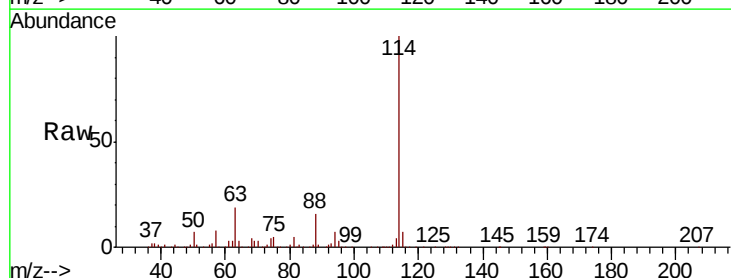
Instrument :
 MSVOA_W
 ClientSampleId :
 NON-UST-03R-AMS

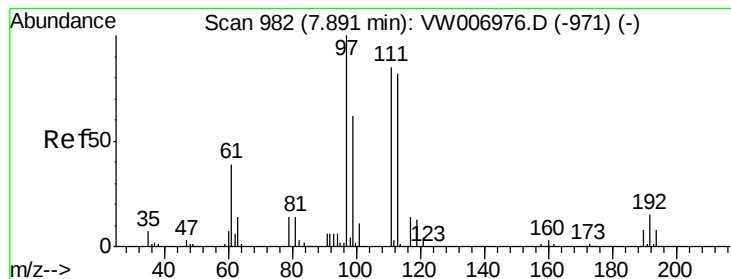
Tot Ion: 65 Resp: 52635
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007057.D
 Acq: 26 Nov 2018 19:23

Tgt Ion: 114 Resp: 128967
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.4
 88 16.1 0.0 34.2





#35

Dibromofluoromethane

Concen: 59.774 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW007057.D

Acq: 26 Nov 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMS

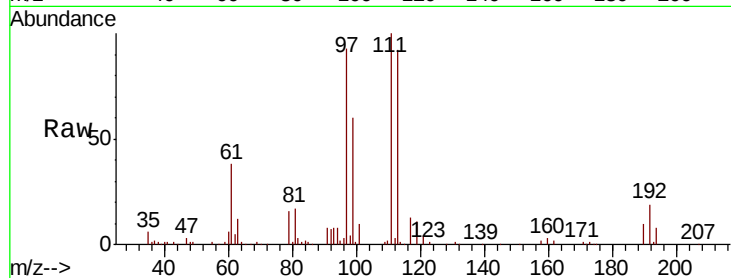
Tot Ion:113 Resp: 43534

Ion Ratio Lower Upper

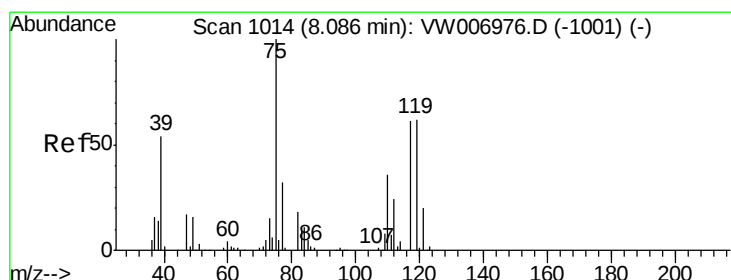
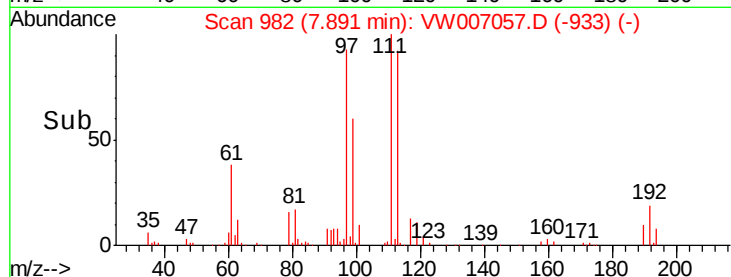
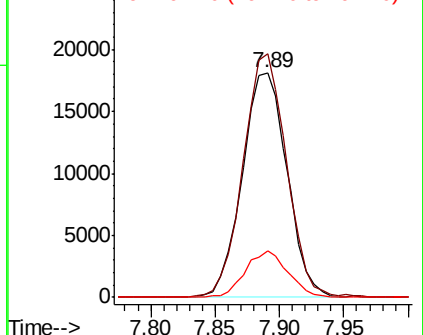
113 100

111 104.8 81.0 121.6

192 19.7 15.0 22.6



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



#36

1,1-Dichloropropene

Concen: 43.055 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW007057.D

Acq: 26 Nov 2018 19:23

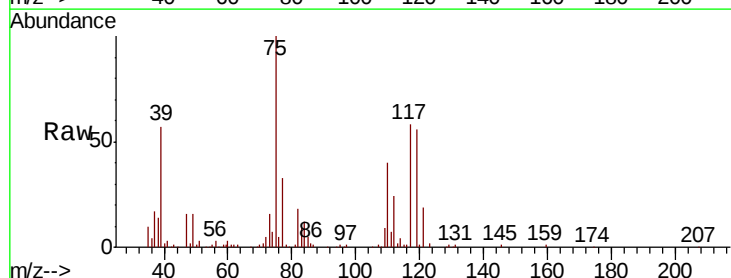
Tgt Ion: 75 Resp: 54262

Ion Ratio Lower Upper

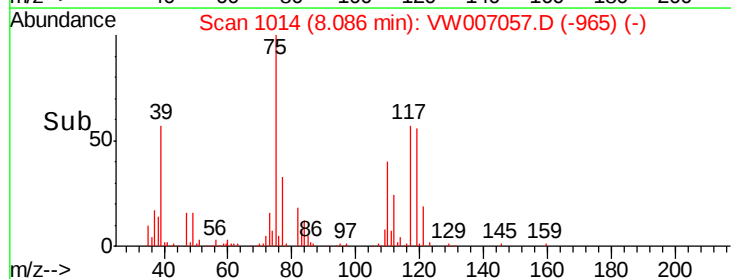
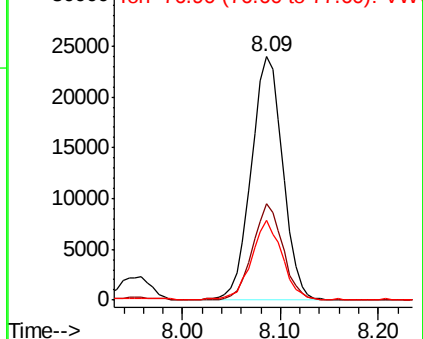
75 100

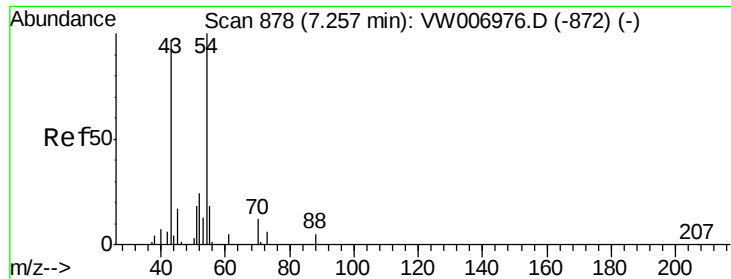
110 37.5 18.0 54.0

77 31.8 24.9 37.3



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

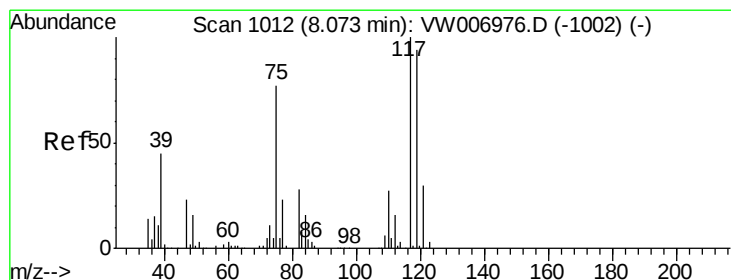
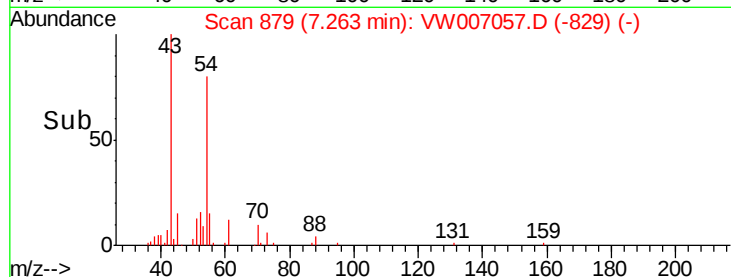
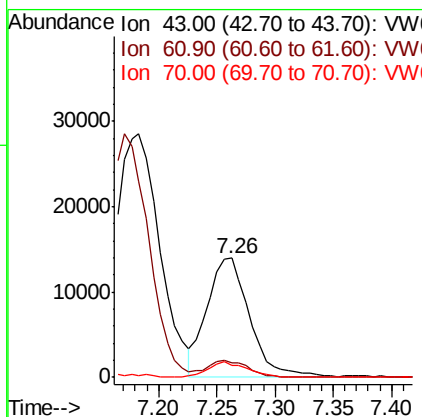
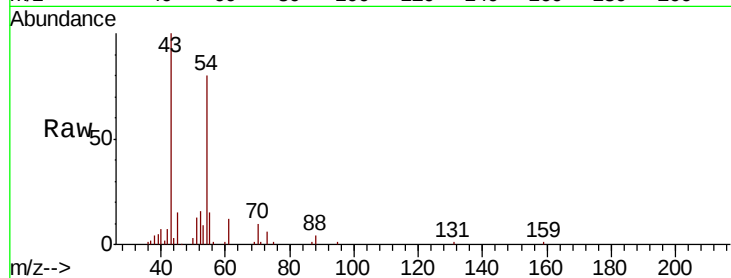




#37
Ethyl Acetate
Concen: 76.441 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

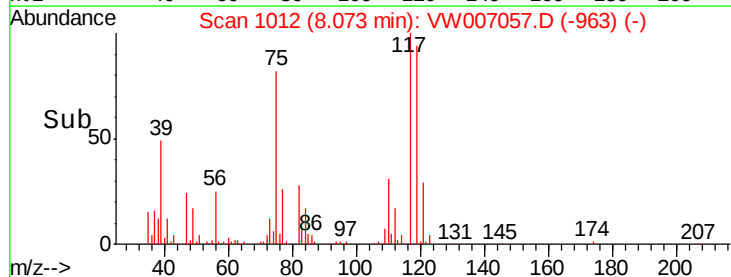
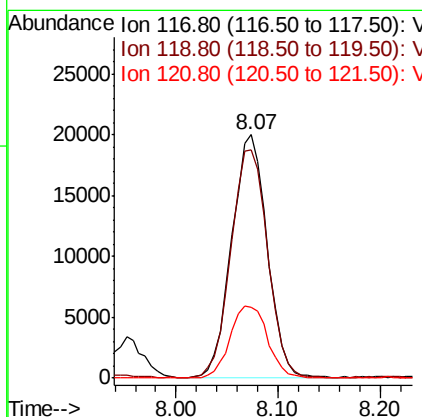
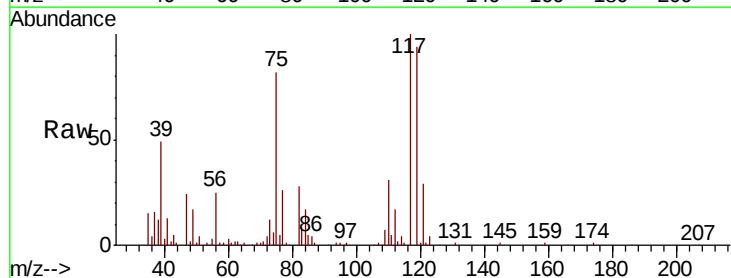
Instrument :
MSVOA_W
ClientSampleId :
NON-UST-03R-AMS

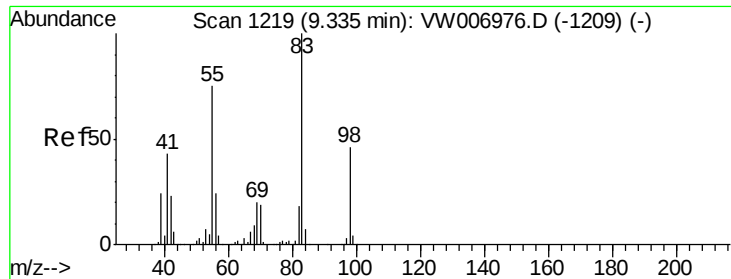
Tot Ion: 43 Resp: 34910
Ion Ratio Lower Upper
43 100
61 13.3 10.4 15.6
70 12.0 8.8 13.2



#38
Carbon Tetrachloride
Concen: 40.098 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

Tgt Ion: 117 Resp: 48391
Ion Ratio Lower Upper
117 100
119 93.5 74.9 112.3
121 29.0 23.6 35.4

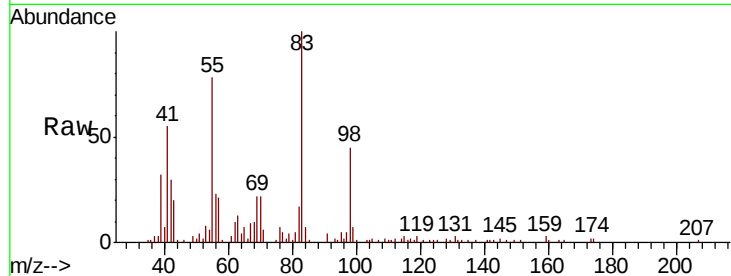




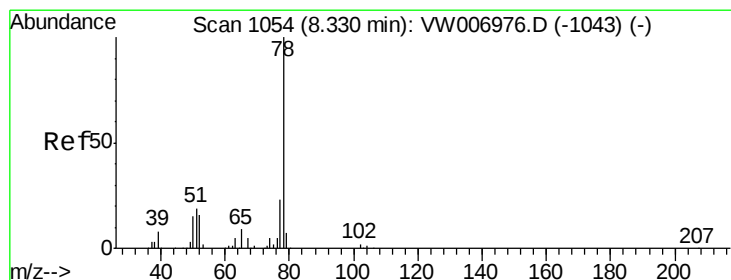
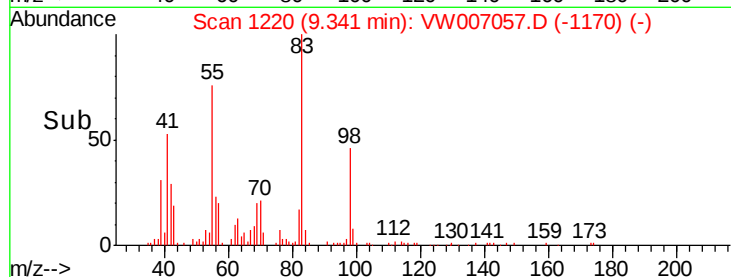
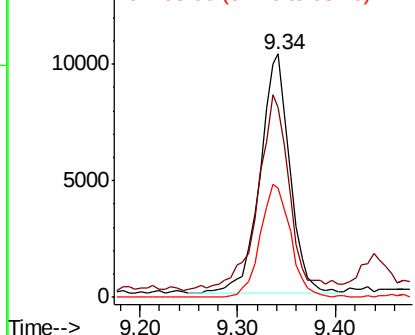
#39
Methvlcvclohexane
Concen: 13.834 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.01 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

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

Tot Ion: 83 Resp: 21818
Ion Ratio Lower Upper
83 100
55 75.4 59.6 89.4
98 45.7 37.1 55.7

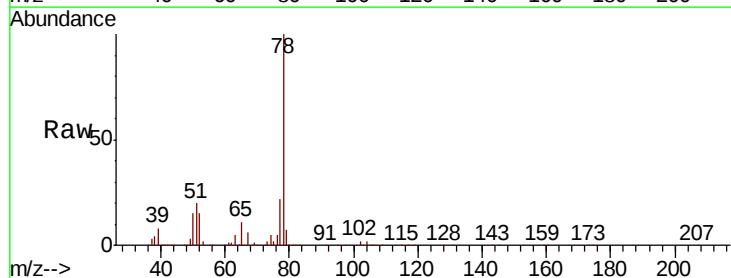


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

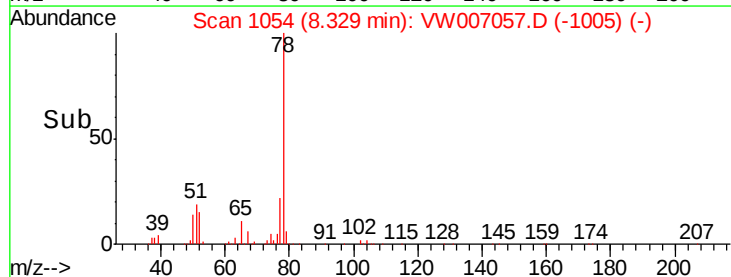
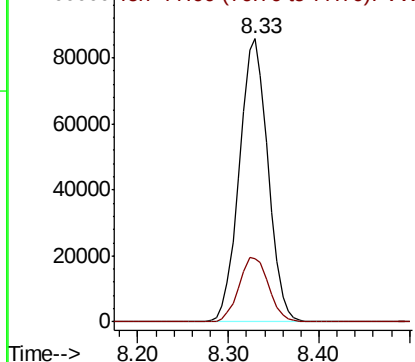


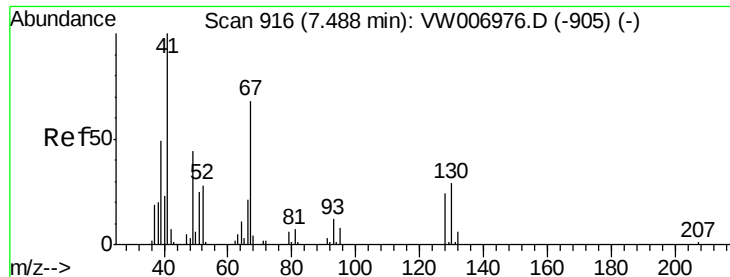
#40
Benzene
Concen: 55.040 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

Tgt Ion: 78 Resp: 187243
Ion Ratio Lower Upper
78 100
77 22.1 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW

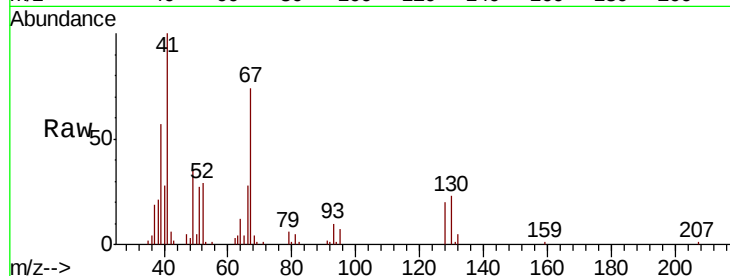




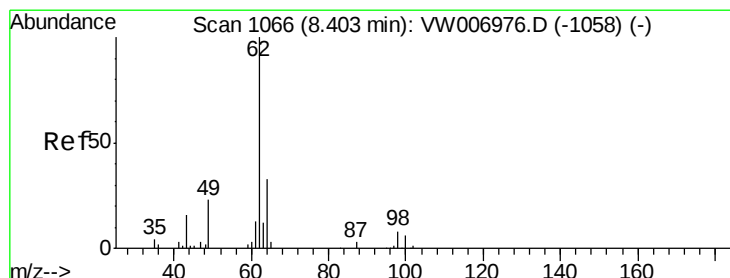
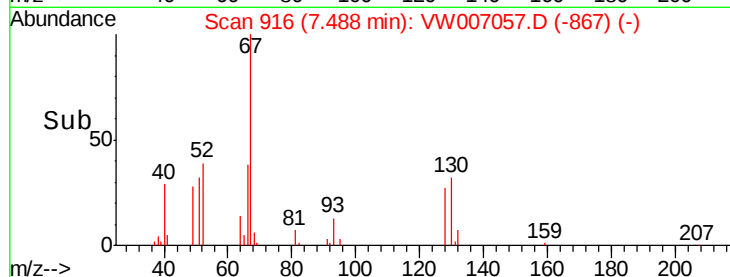
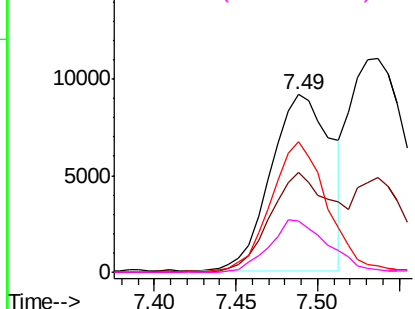
#41
Methacrylonitrile
Concen: 82.746 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

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

Tot Ion:	41	Resp:	23468
Ion	Ratio	Lower	Upper
41	100		
39	60.7	48.6	73.0
67	70.6	59.8	89.8
52	29.0	24.8	37.2

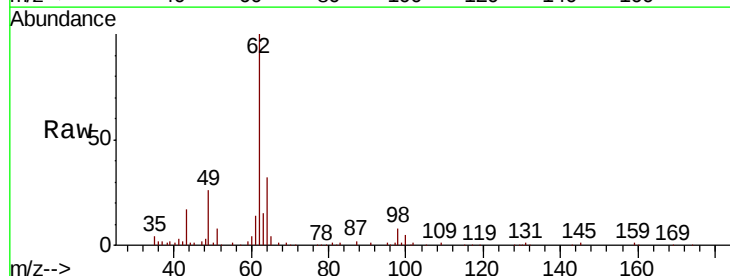


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

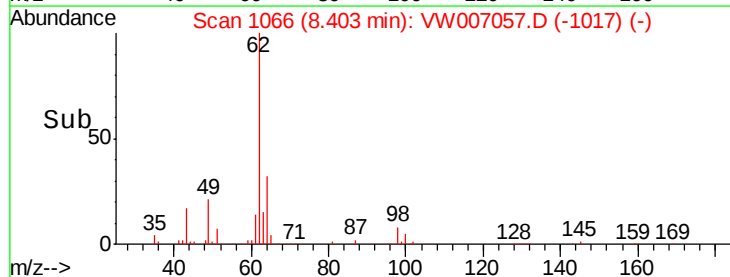
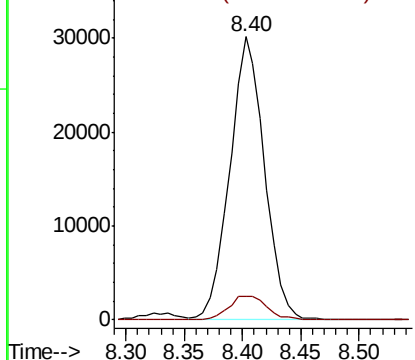


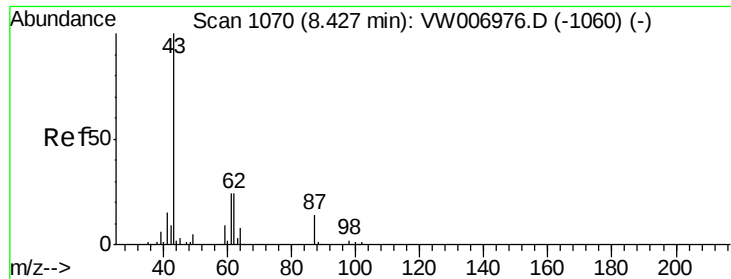
#42
1,2-Dichloroethane
Concen: 63.002 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

Tgt Ion:	62	Resp:	62226
Ion	Ratio	Lower	Upper
62	100		
98	9.4	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: 80.173 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007057.D

Acq: 26 Nov 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMS

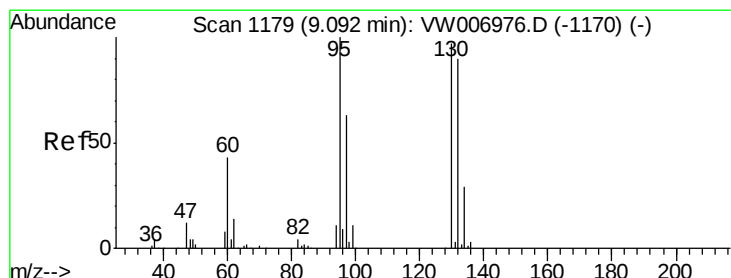
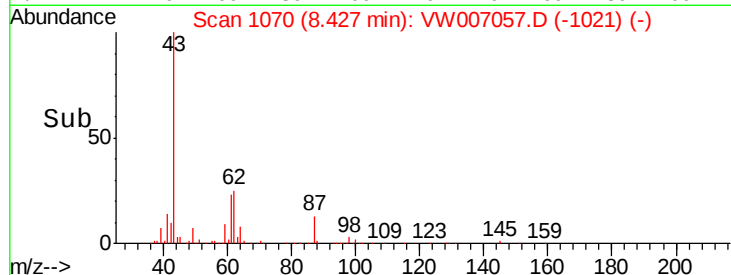
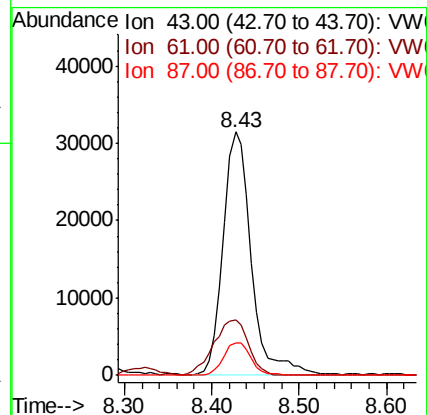
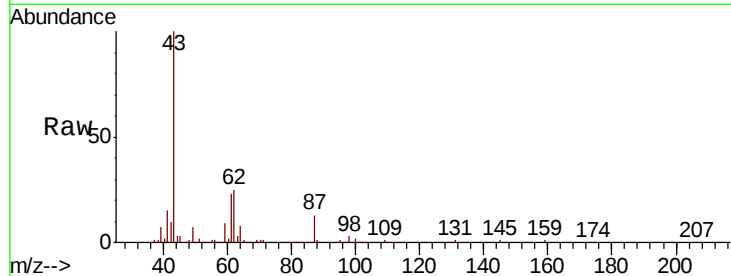
Tot Ion: 43 Resp: 69774

Ion Ratio Lower Upper

43 100

61 28.5 26.1 39.1

87 13.2 11.2 16.8



#44

Trichloroethene

Concen: 47.196 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW007057.D

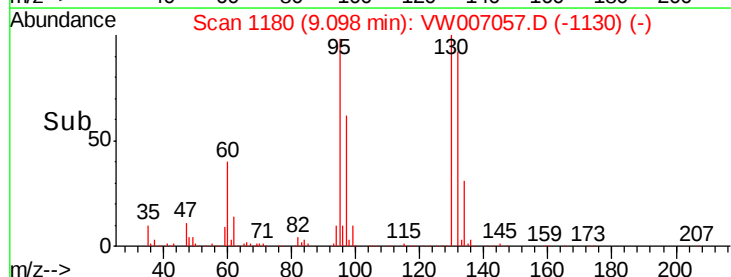
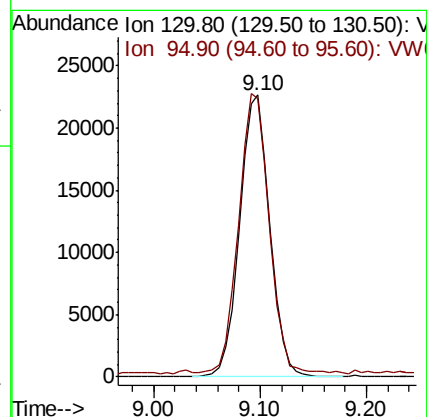
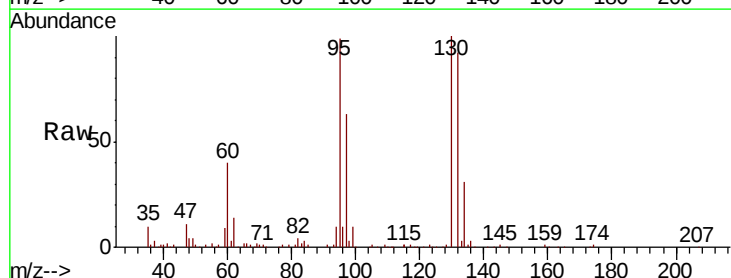
Acq: 26 Nov 2018 19:23

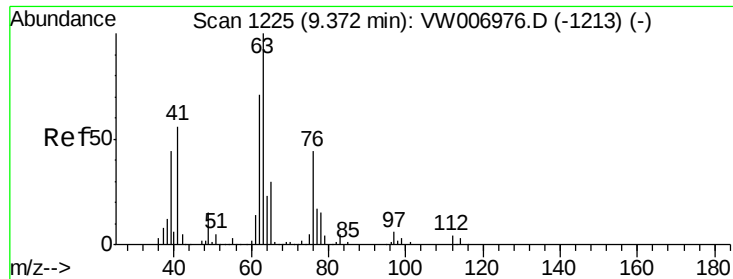
Tgt Ion: 130 Resp: 45008

Ion Ratio Lower Upper

130 100

95 97.3 0.0 206.4

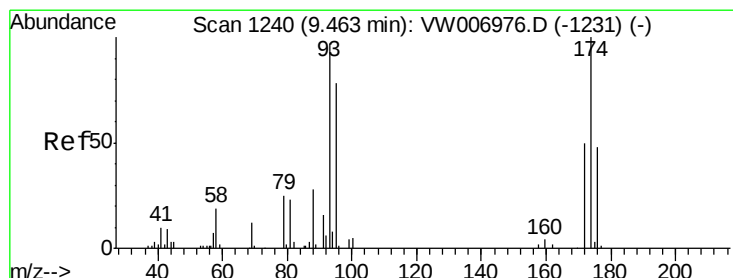
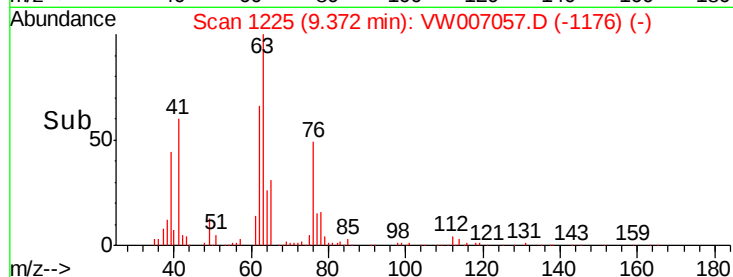
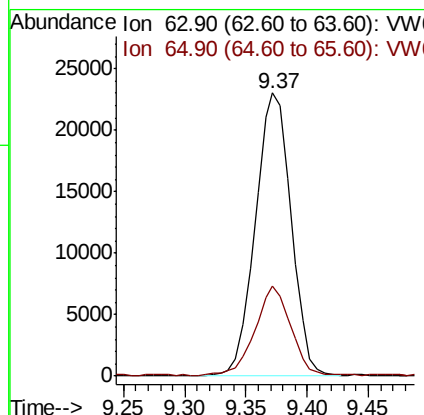
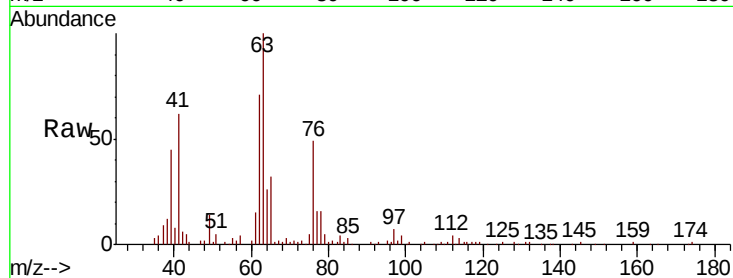




#45
 1,2-Dichloropropane
 Concen: 55.992 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW007057.D
 Acq: 26 Nov 2018 19:23

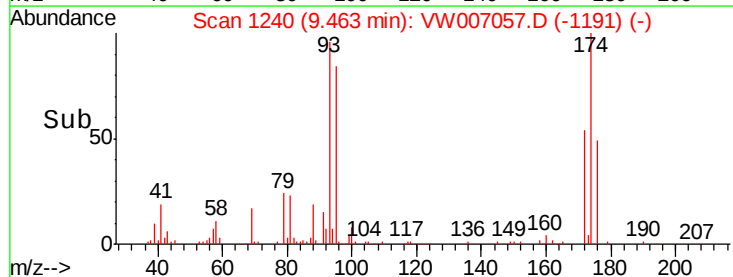
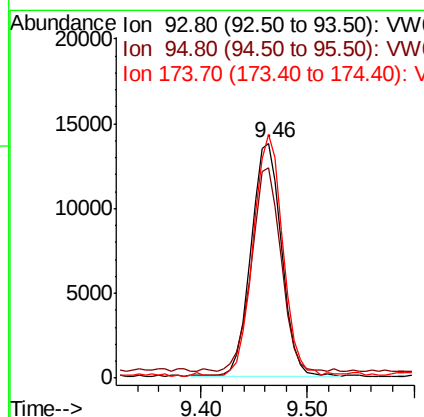
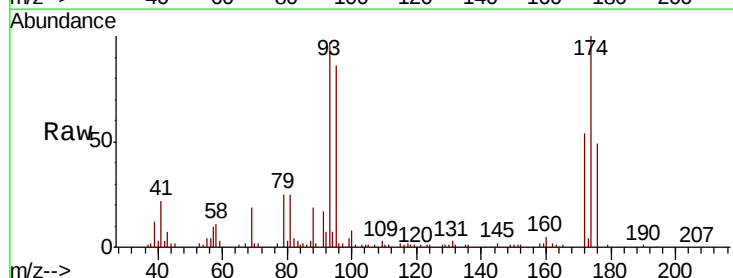
Instrument :
 MSVOA_W
 ClientSampleId :
 NON-UST-03R-AMS

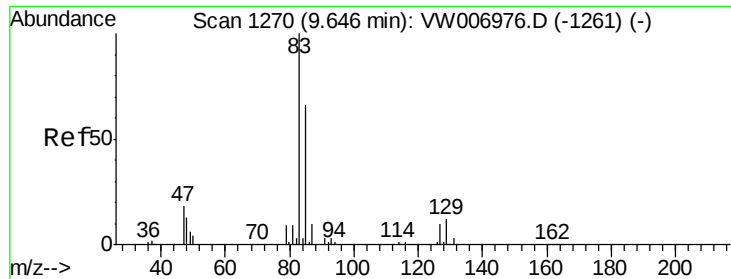
Tot Ion: 63 Resp: 46955
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.4 36.6



#46
 Dibromomethane
 Concen: 65.776 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW007057.D
 Acq: 26 Nov 2018 19:23

Tgt Ion: 93 Resp: 27623
 Ion Ratio Lower Upper
 93 100
 95 85.4 66.1 99.1
 174 100.2 79.7 119.5

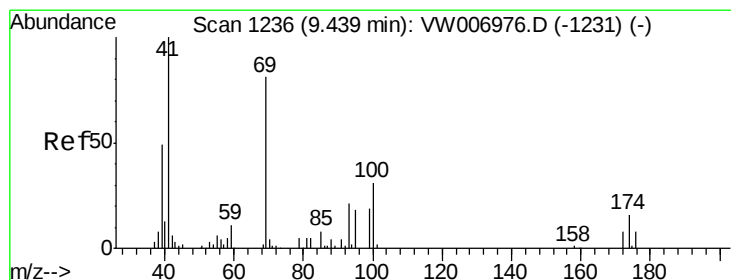
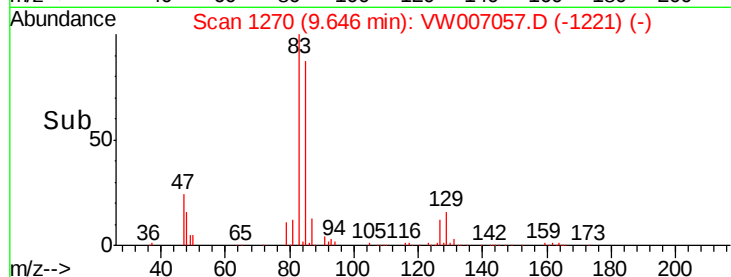
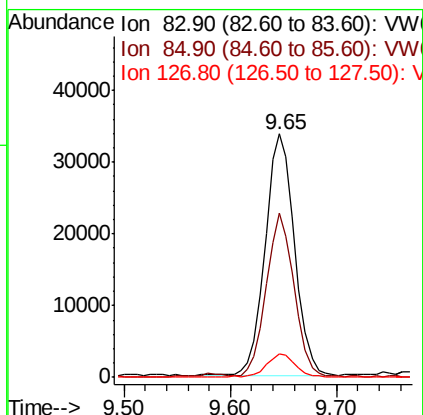
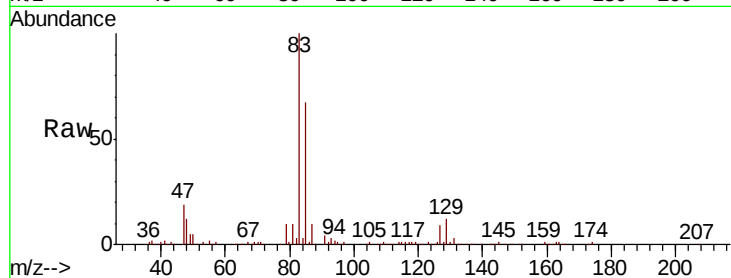




#47
Bromodichloromethane
Concen: 58.244 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

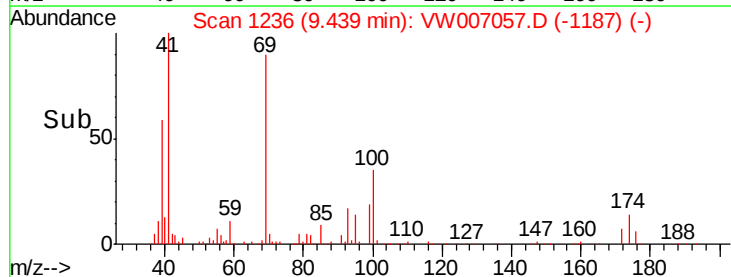
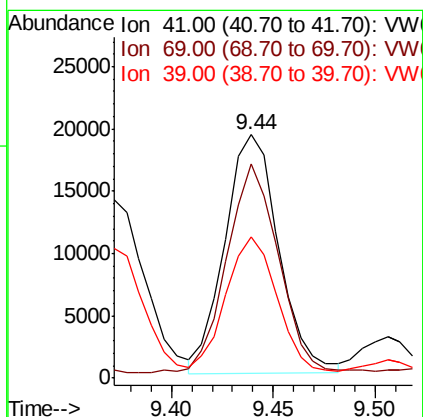
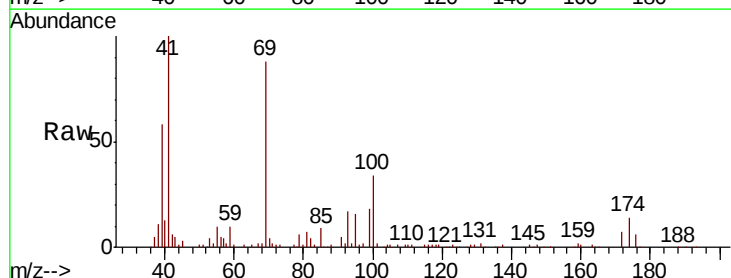
Instrument :
MSVOA_W
ClientSampleId :
NON-UST-03R-AMS

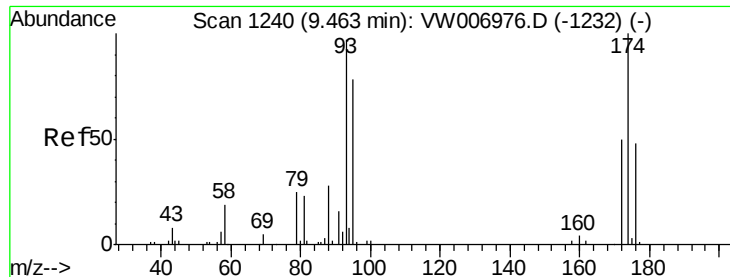
Tot Ion: 83 Resp: 64445
Ion Ratio Lower Upper
83 100
85 67.3 52.9 79.3
127 9.2 7.8 11.6



#48
Methyl methacrylate
Concen: 83.939 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

Tgt Ion: 41 Resp: 35224
Ion Ratio Lower Upper
41 100
69 86.2 71.4 107.0
39 58.0 44.8 67.2





#49

1,4-Dioxane

Concen: 1425.541 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VW007057.D

Acq: 26 Nov 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMS

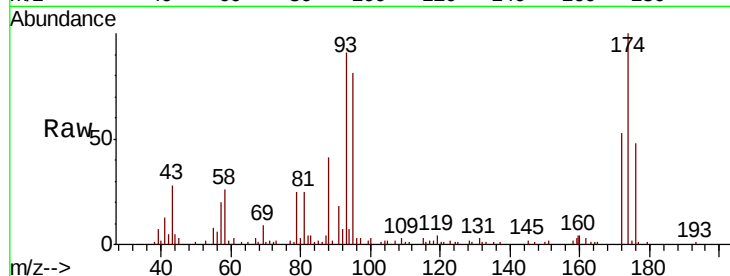
Tot Ion: 88 Resp: 8898

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

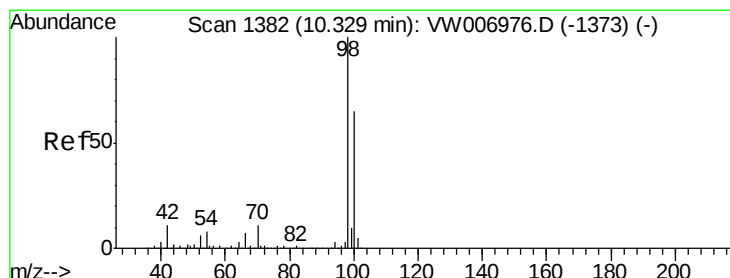
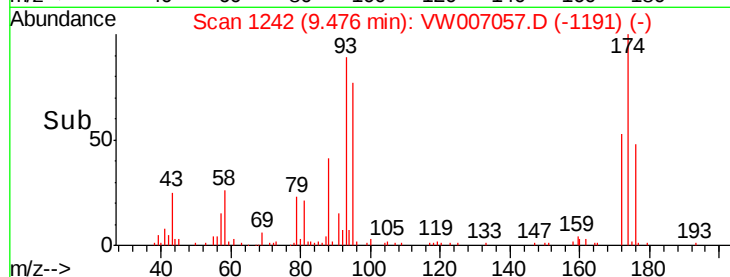
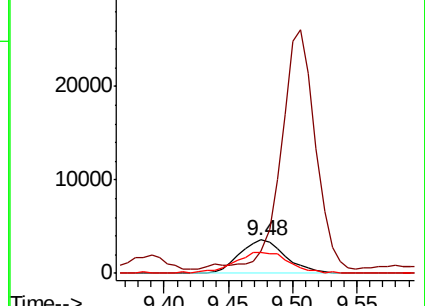
58 75.0 59.0 88.6



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 46.579 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007057.D

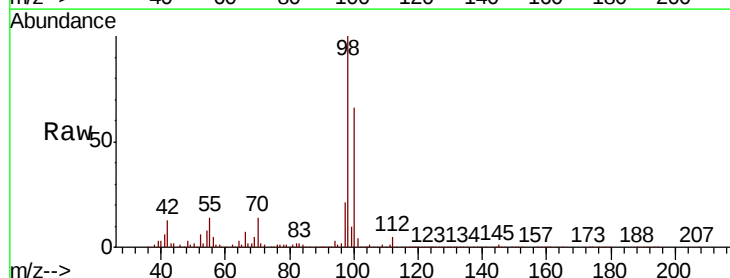
Acq: 26 Nov 2018 19:23

Tgt Ion: 98 Resp: 149805

Ion Ratio Lower Upper

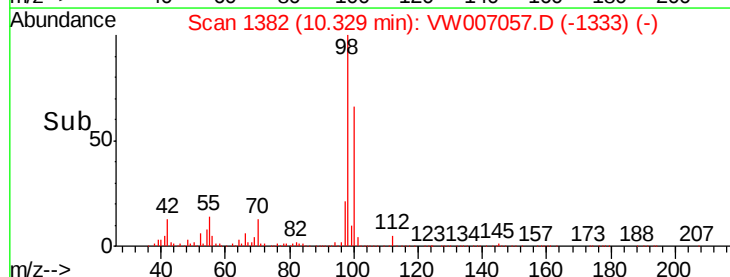
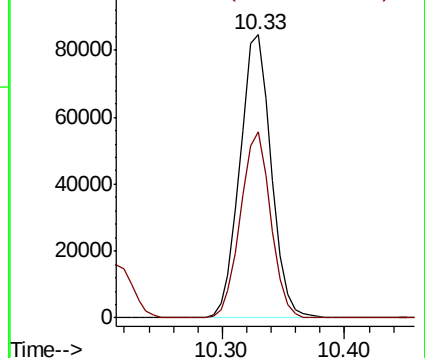
98 100

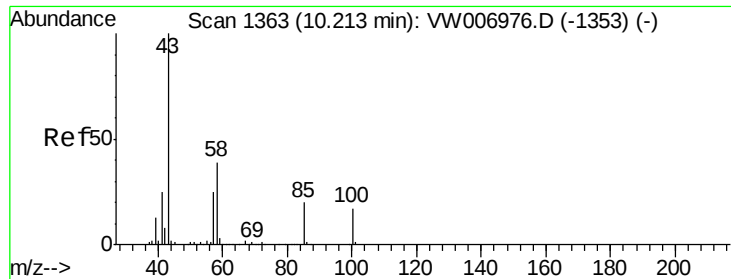
100 63.5 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 387.130 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007057.D

Acq: 26 Nov 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

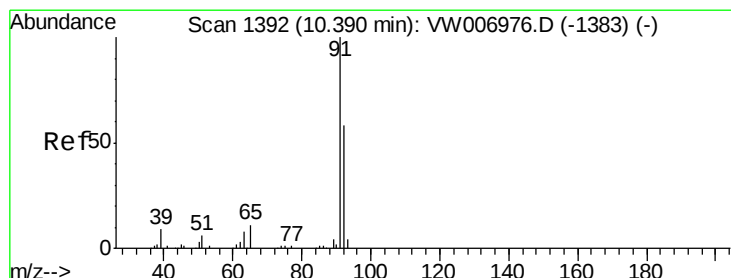
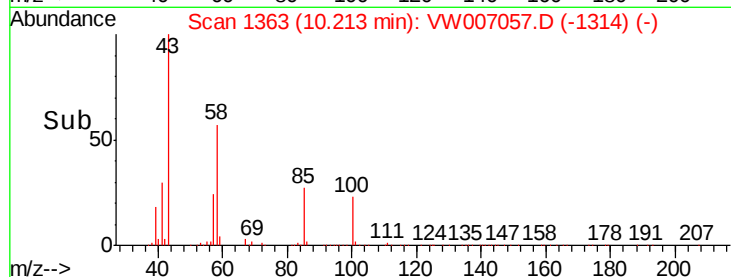
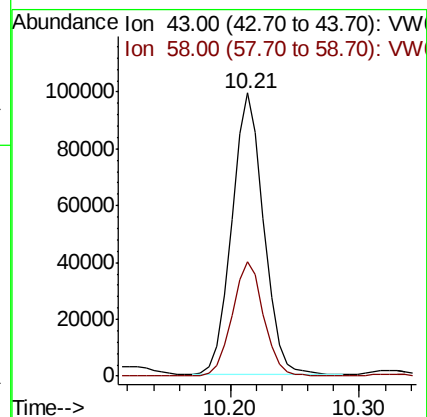
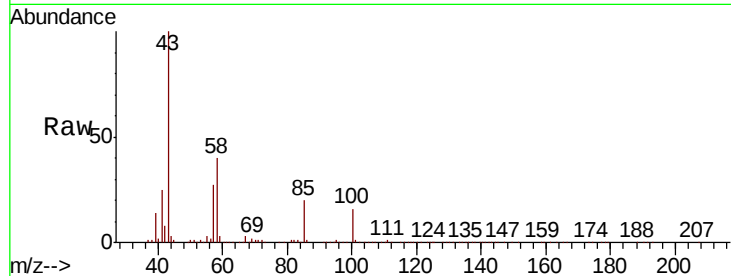
NON-UST-03R-AMS

Tot Ion: 43 Resp: 170264

Ion Ratio Lower Upper

43 100

58 40.4 31.8 47.6



#52

Toluene

Concen: 44.248 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007057.D

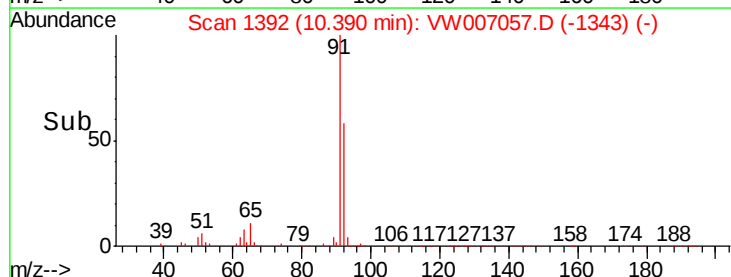
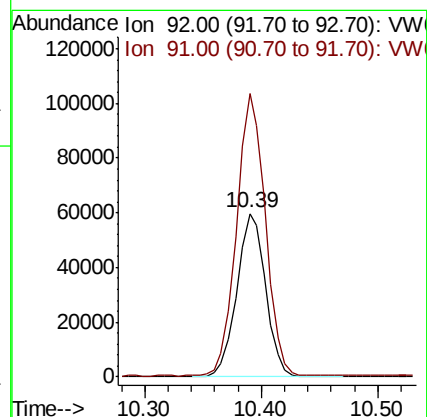
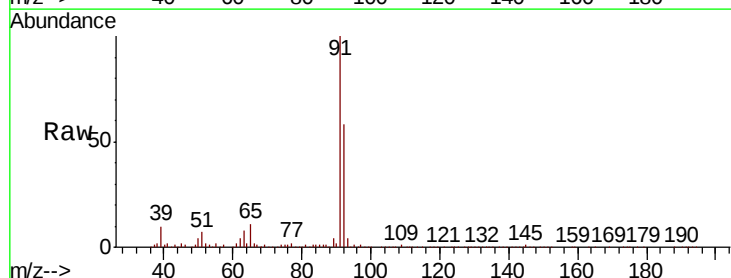
Acq: 26 Nov 2018 19:23

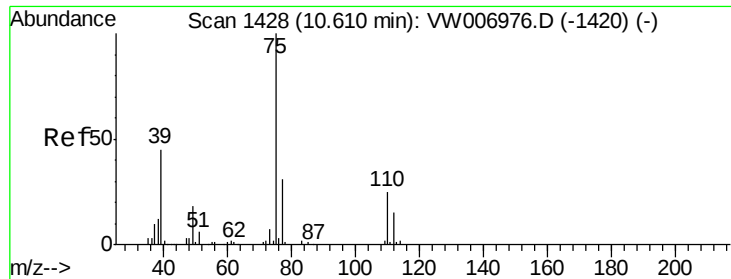
Tgt Ion: 92 Resp: 102442

Ion Ratio Lower Upper

92 100

91 172.6 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 63.507 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW007057.D

Acq: 26 Nov 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

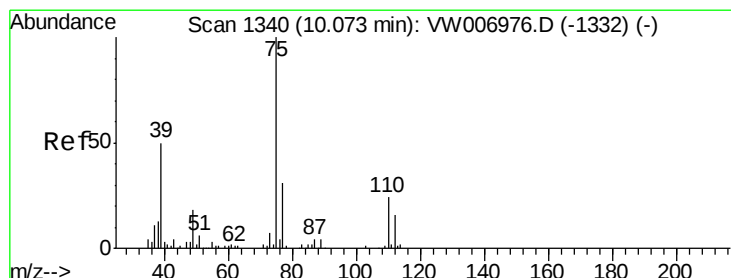
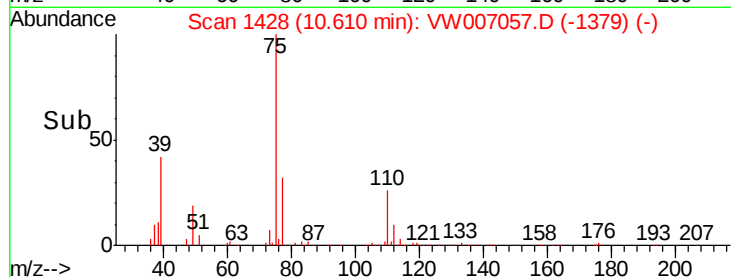
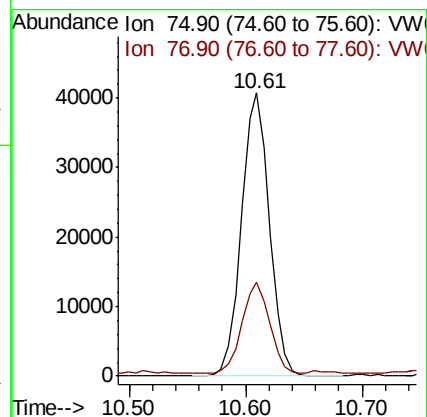
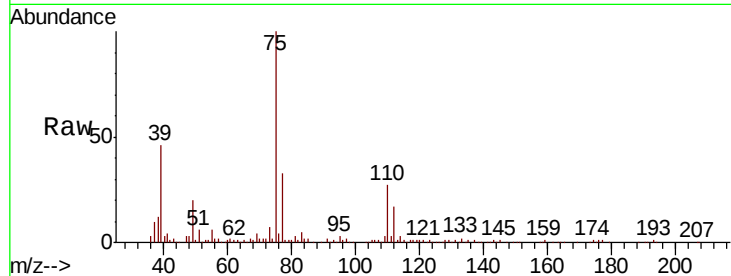
NON-UST-03R-AMS

Tot Ion: 75 Resp: 68070

Ion Ratio Lower Upper

75 100

77 32.1 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 60.339 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW007057.D

Acq: 26 Nov 2018 19:23

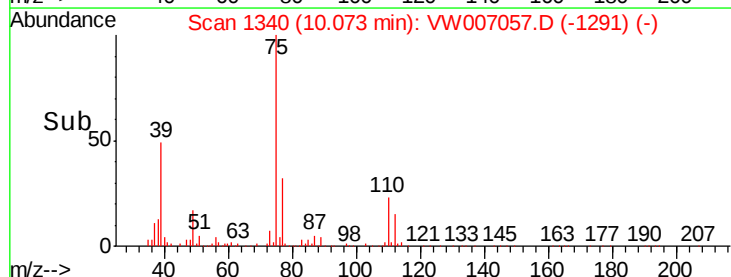
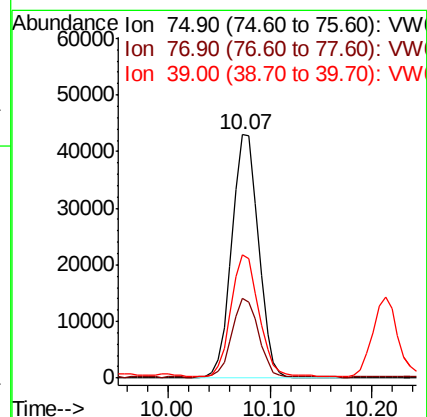
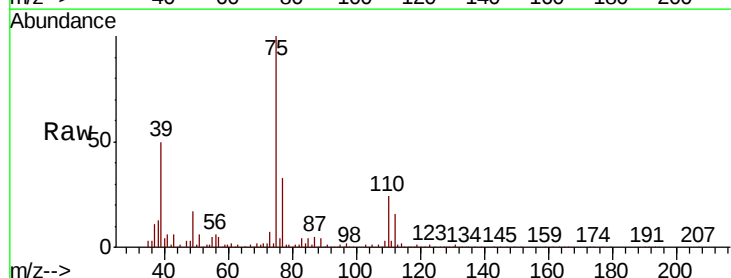
Tgt Ion: 75 Resp: 78135

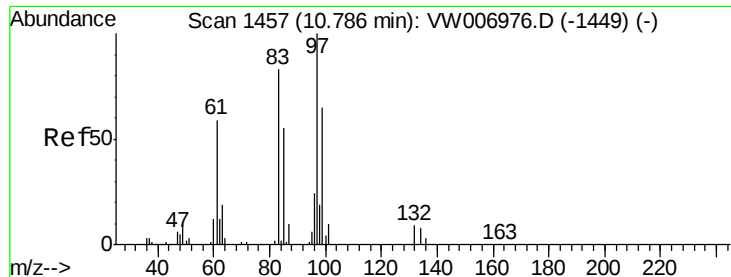
Ion Ratio Lower Upper

75 100

77 32.2 25.0 37.6

39 49.9 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 87.982 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW007057.D

Acq: 26 Nov 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMS

Tot Ion: 97 Resp: 54361

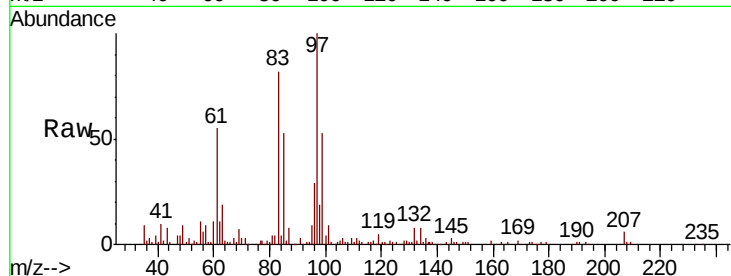
Ion Ratio Lower Upper

97 100

83 82.5 66.4 99.6

85 53.6 44.1 66.1

99 54.9 51.7 77.5

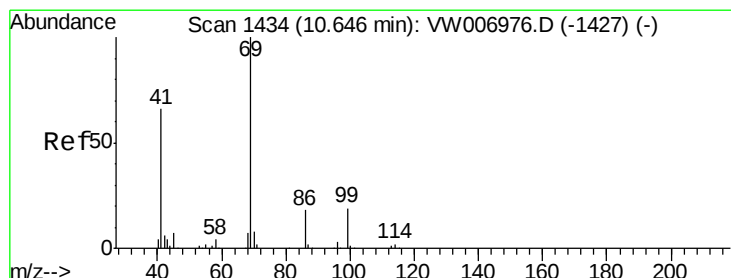
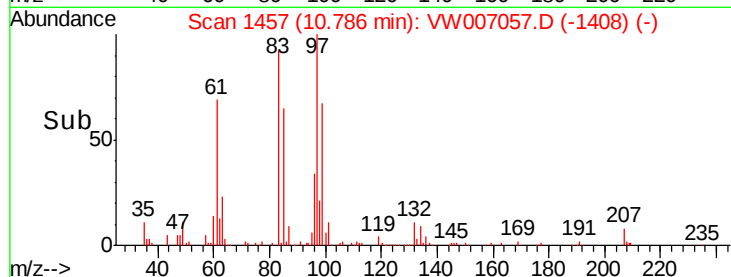
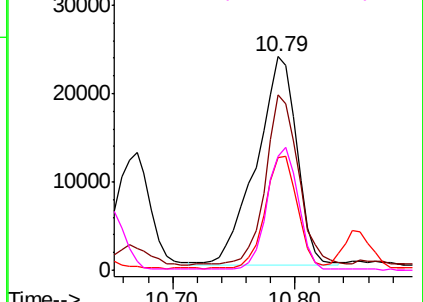


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 89.044 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW007057.D

Acq: 26 Nov 2018 19:23

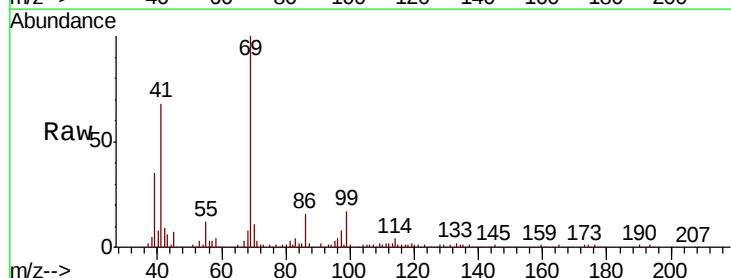
Tgt Ion: 69 Resp: 63863

Ion Ratio Lower Upper

69 100

41 72.7 53.4 80.0

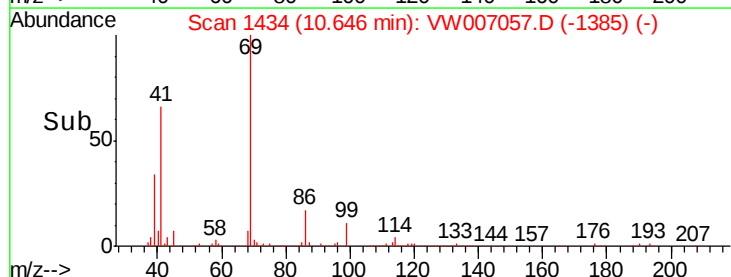
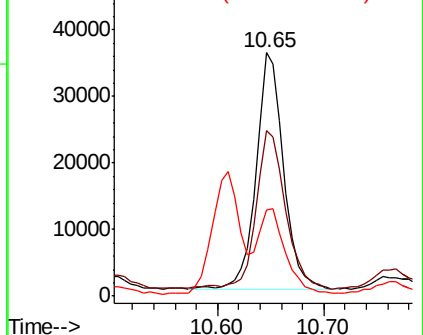
39 36.9 28.2 42.4

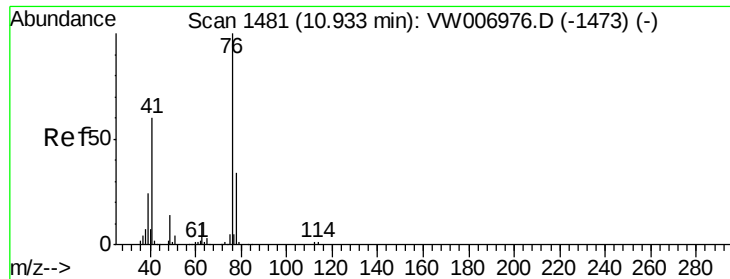


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

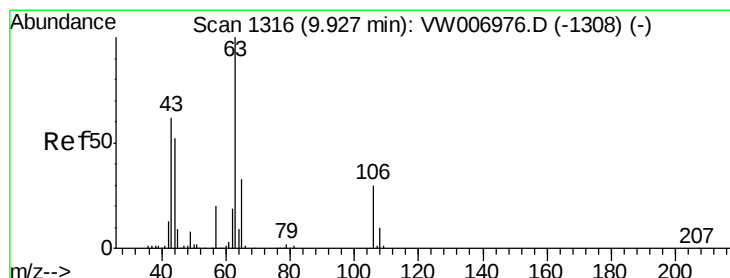
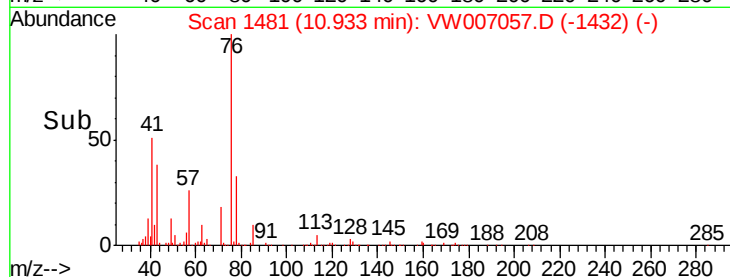
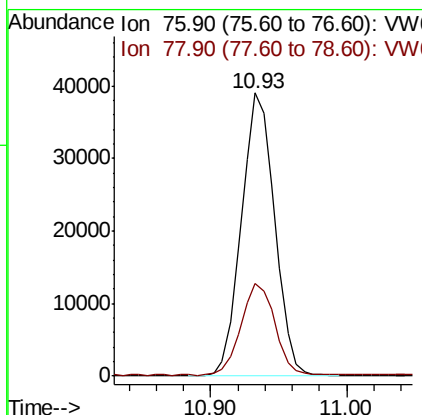
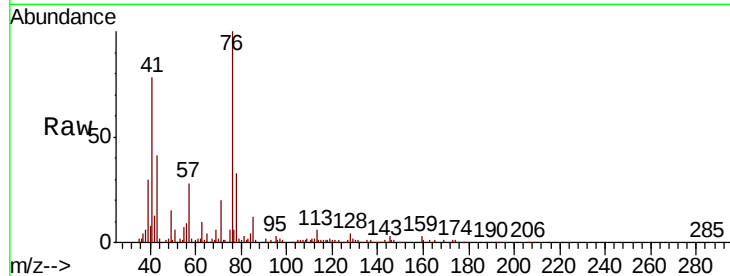




#57
 1,3-Dichloropropane
 Concen: 64.695 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007057.D
 Acq: 26 Nov 2018 19:23

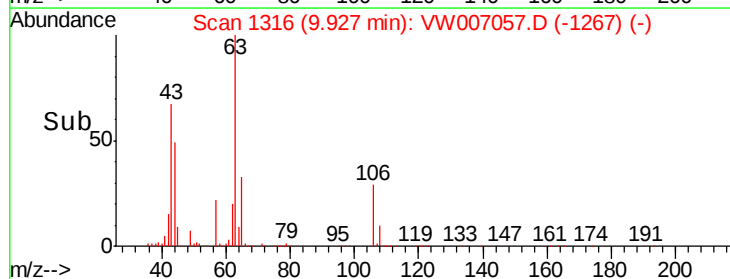
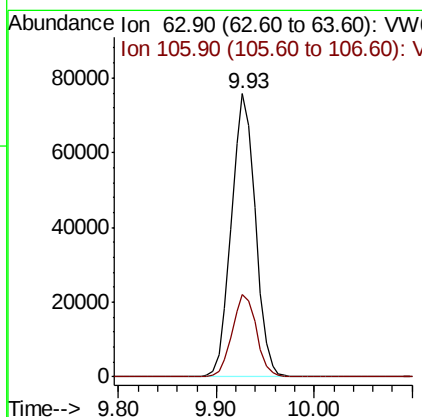
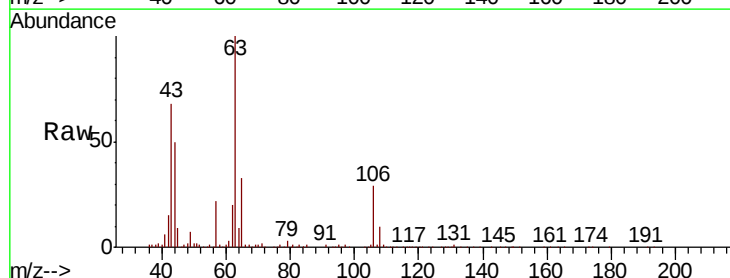
Instrument :
 MSVOA_W
 ClientSampleId :
 NON-UST-03R-AMS

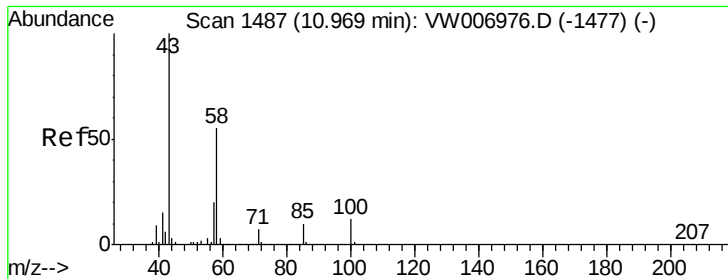
Tot Ion: 76 Resp: 66987
 Ion Ratio Lower Upper
 76 100
 78 33.5 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 344.719 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007057.D
 Acq: 26 Nov 2018 19:23

Tgt Ion: 63 Resp: 129193
 Ion Ratio Lower Upper
 63 100
 106 29.6 23.5 35.3

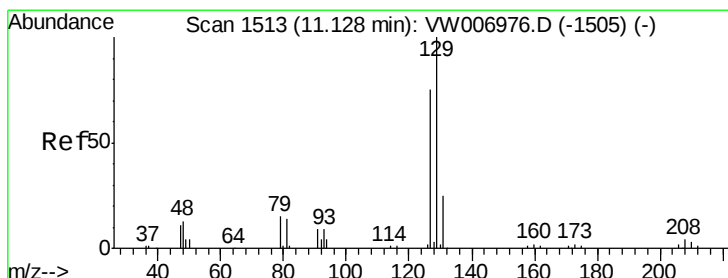
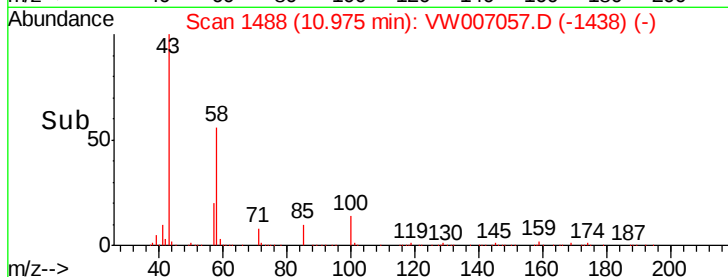
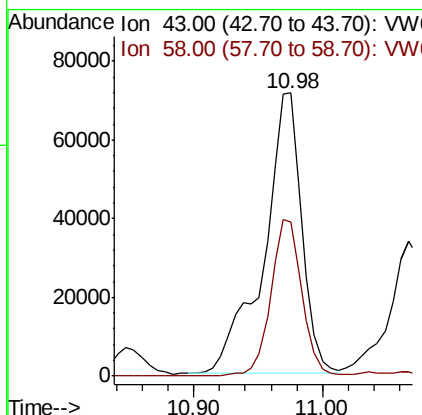
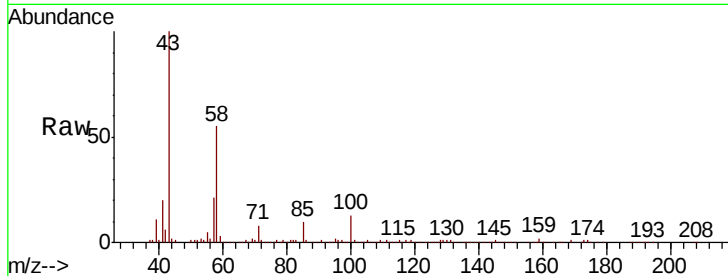




#59
2-Hexanone
Concen: 489.119 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

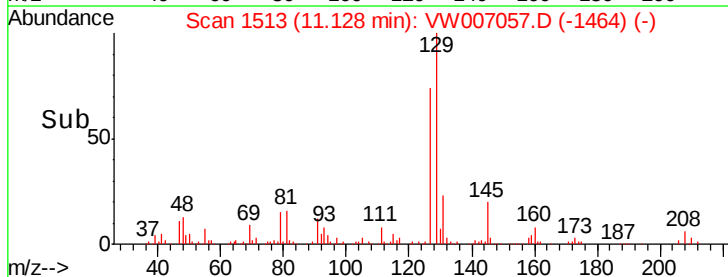
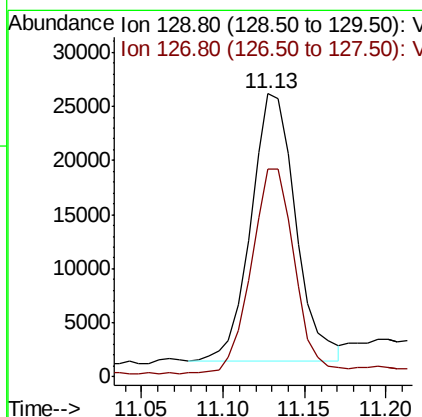
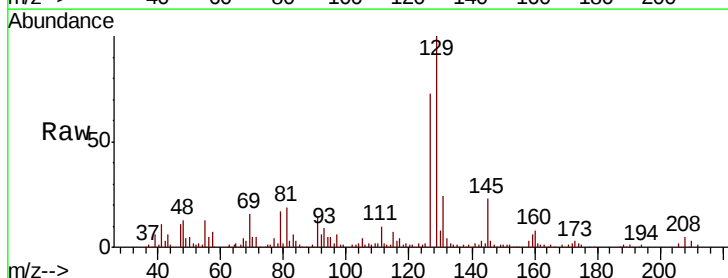
Instrument :
MSVOA_W
ClientSampleId :
NON-UST-03R-AMS

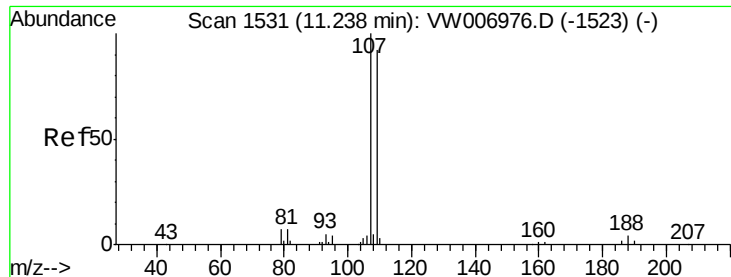
Tot Ion: 43 Resp: 147312
Ion Ratio Lower Upper
43 100
58 45.1 27.3 81.8



#60
Dibromochloromethane
Concen: 66.798 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

Tgt Ion: 129 Resp: 47028
Ion Ratio Lower Upper
129 100
127 75.0 38.3 114.8

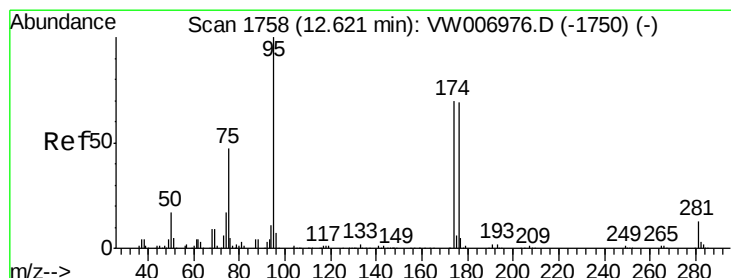
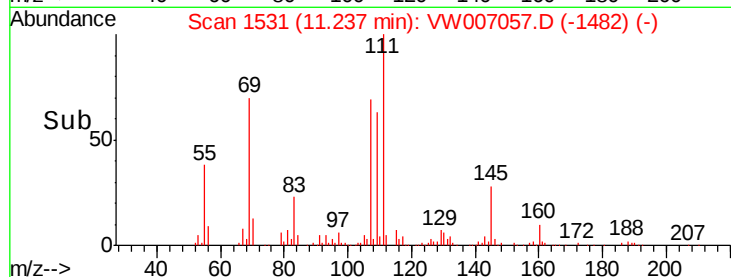
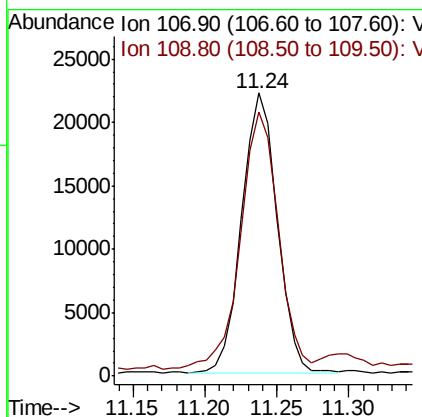
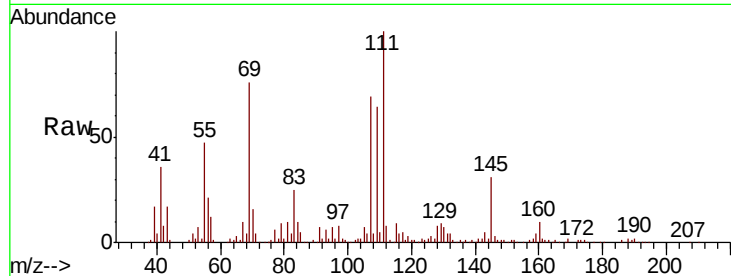




#61
 1,2-Dibromoethane
 Concen: 66.651 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007057.D
 Acq: 26 Nov 2018 19:23

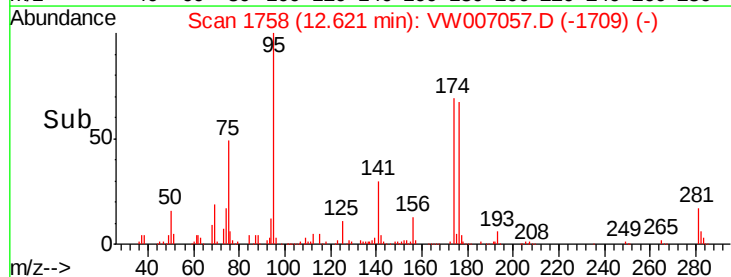
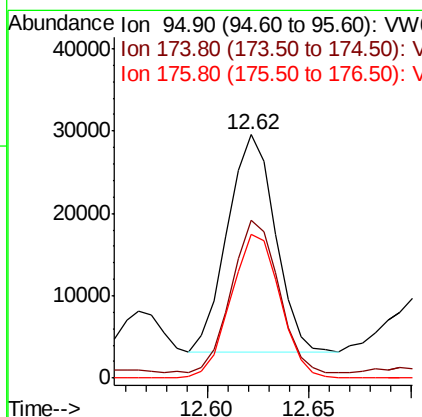
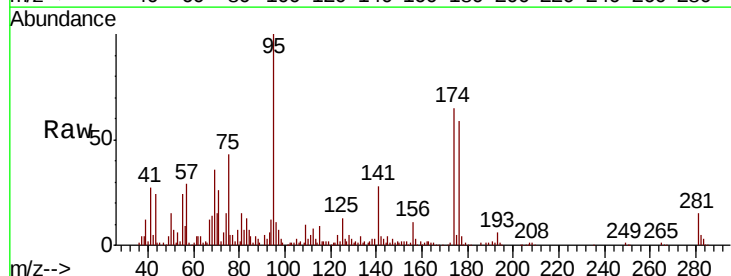
Instrument :
 MSVOA_W
 ClientSampleId :
 NON-UST-03R-AMS

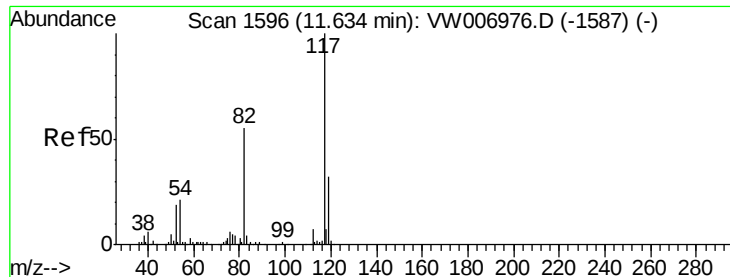
Tot Ion:107 Resp: 37672
 Ion Ratio Lower Upper
 107 100
 109 96.5 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 33.896 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007057.D
 Acq: 26 Nov 2018 19:23

Tgt Ion: 95 Resp: 42899
 Ion Ratio Lower Upper
 95 100
 174 68.6 0.0 143.6
 176 68.0 0.0 140.4

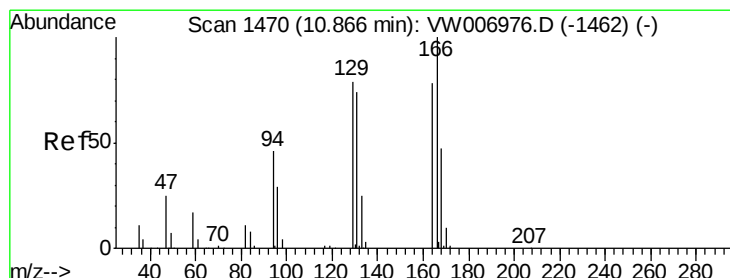
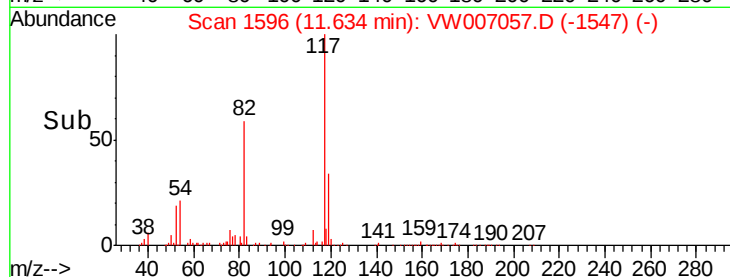
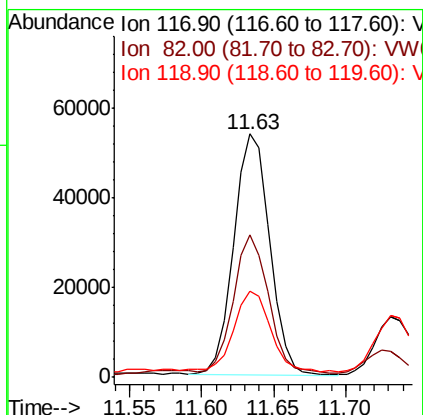
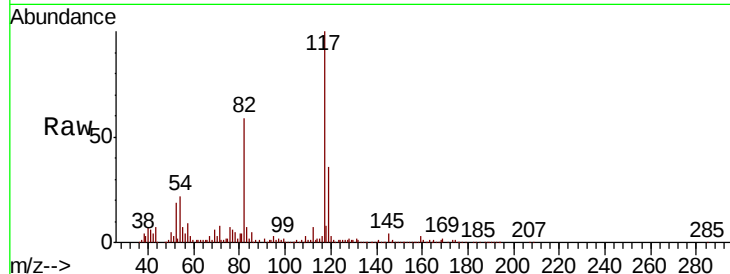




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

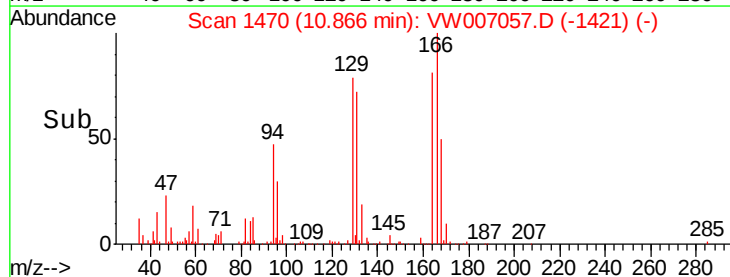
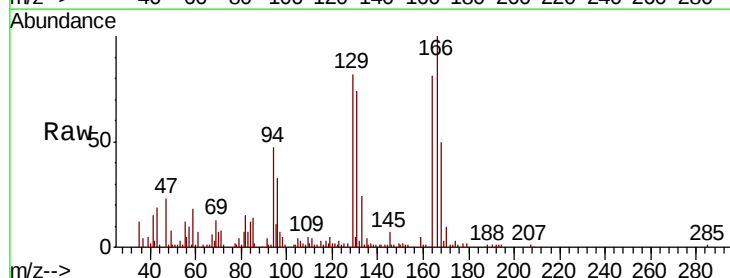
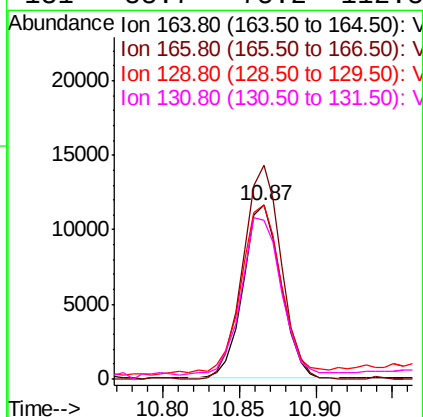
Instrument :
MSVOA_W
ClientSampleId :
NON-UST-03R-AMS

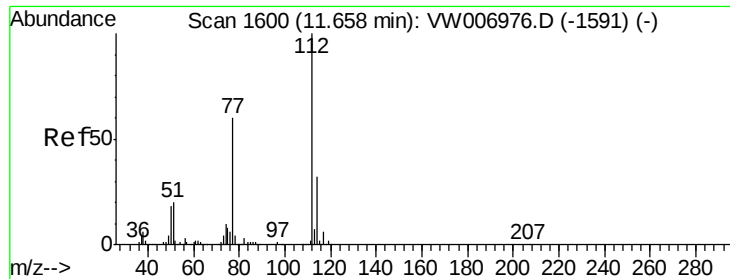
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.5	44.2	66.2
119	33.7	25.9	38.9



#64
Tetrachloroethene
Concen: 33.216 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.4	102.1	153.1
129	97.4	80.4	120.6
131	88.7	75.2	112.8

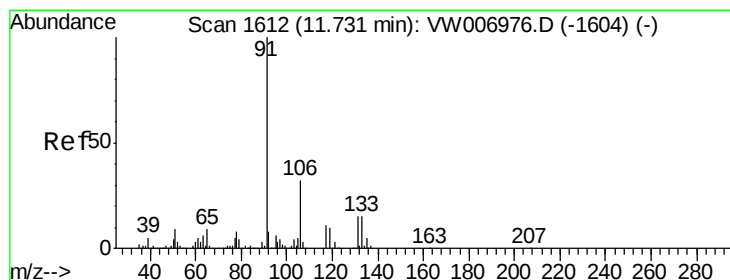
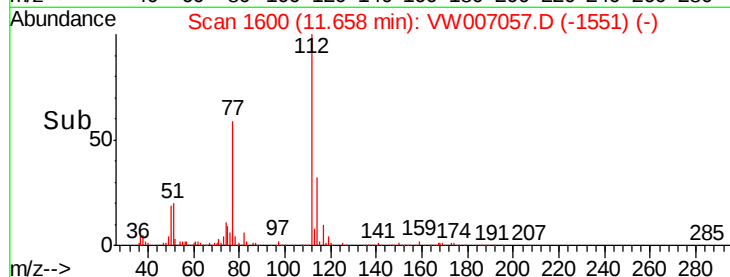
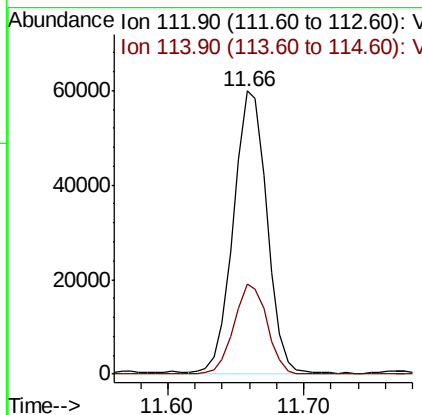
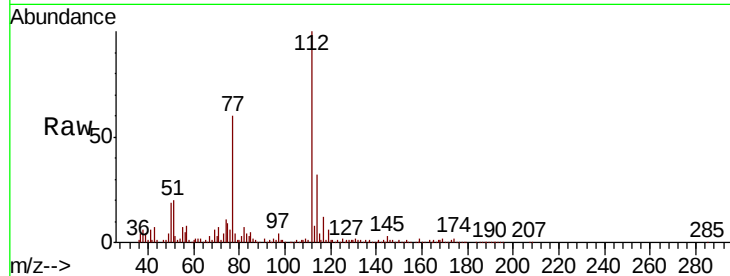




#65
Chlorobenzene
Concen: 52.790 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

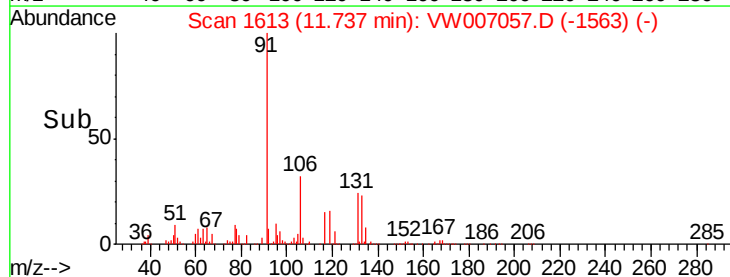
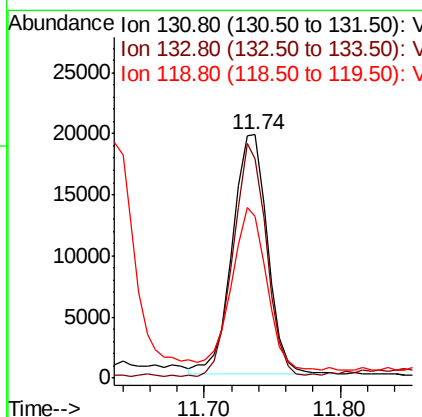
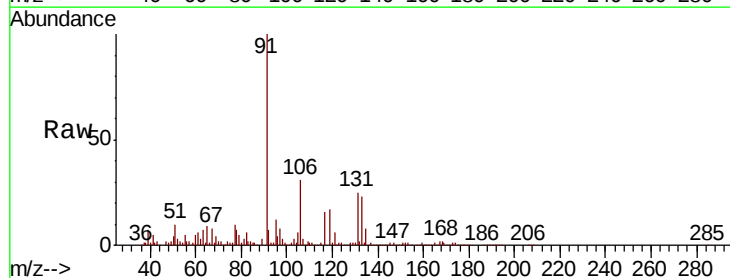
Instrument :
MSVOA_W
ClientSampleId :
NON-UST-03R-AMS

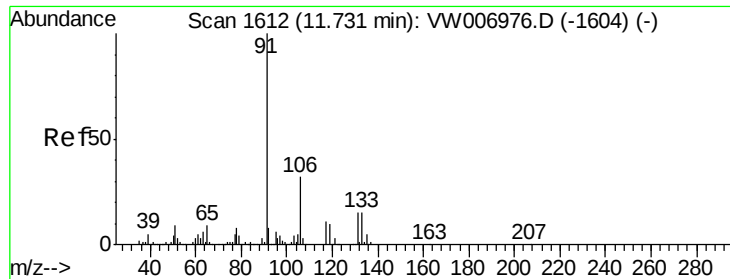
Tot Ion:112 Resp: 102460
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 60.245 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

Tgt Ion:131 Resp: 35372
Ion Ratio Lower Upper
131 100
133 91.5 47.7 143.1
119 66.9 31.8 95.3





#67

Ethyl Benzene

Concen: 36.881 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.01 min

Lab File: VW007057.D

Acq: 26 Nov 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

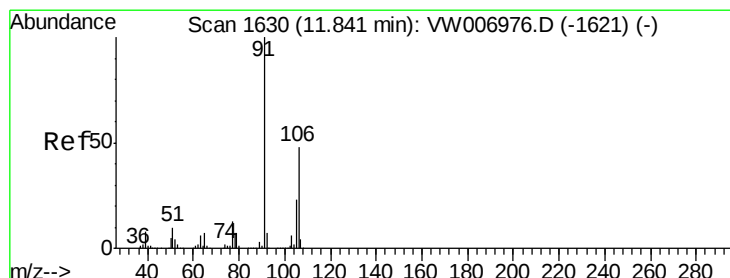
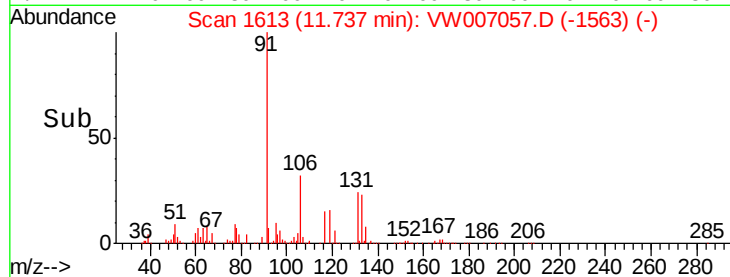
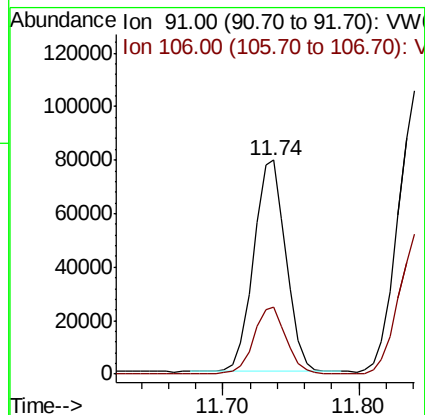
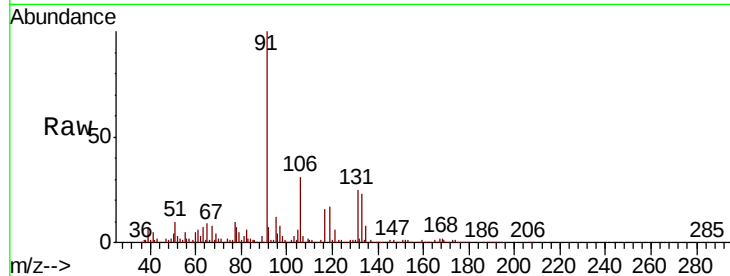
NON-UST-03R-AMS

Tot Ion: 91 Resp: 131500

Ion Ratio Lower Upper

91 100

106 31.5 25.4 38.2



#68

m/p-Xylenes

Concen: 69.684 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW007057.D

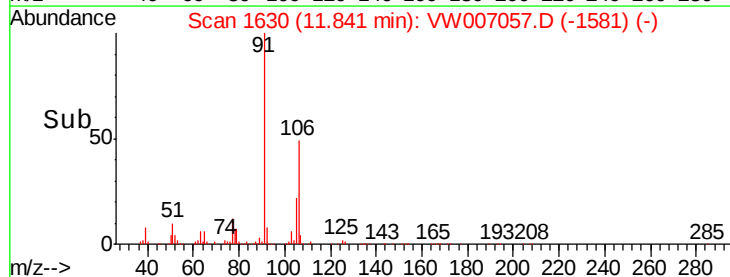
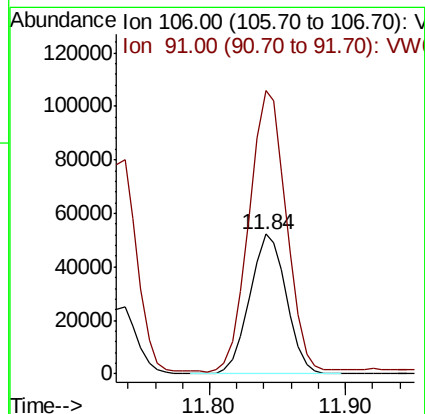
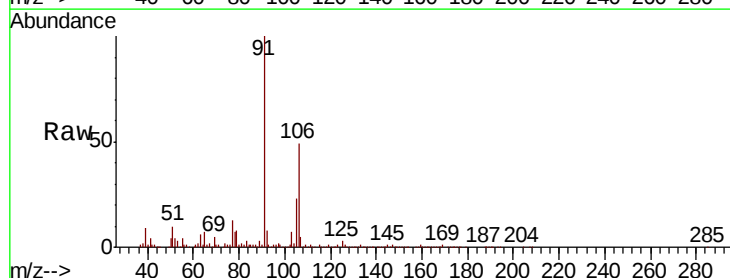
Acq: 26 Nov 2018 19:23

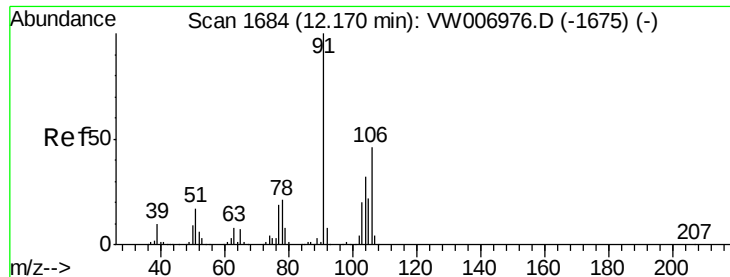
Tgt Ion: 106 Resp: 97479

Ion Ratio Lower Upper

106 100

91 205.4 164.8 247.2

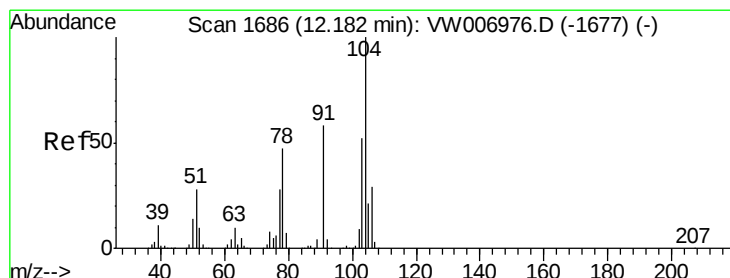
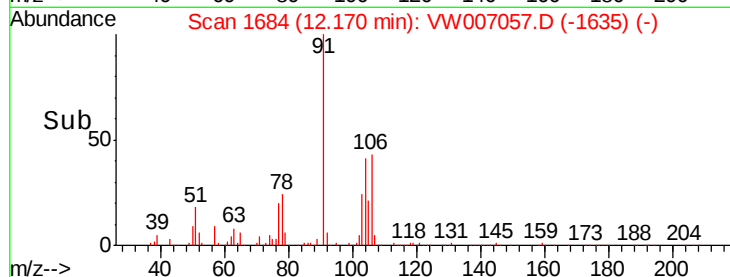
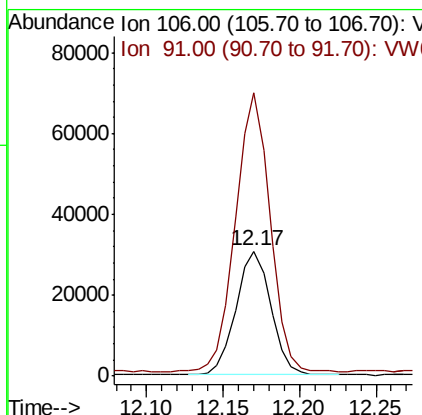
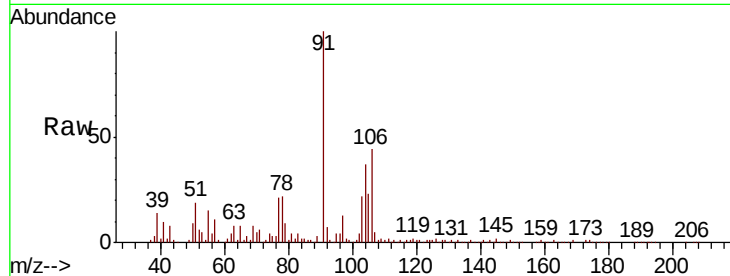




#69
o-Xylene
Concen: 36.440 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

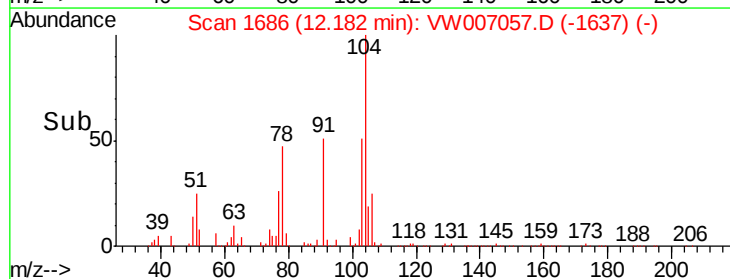
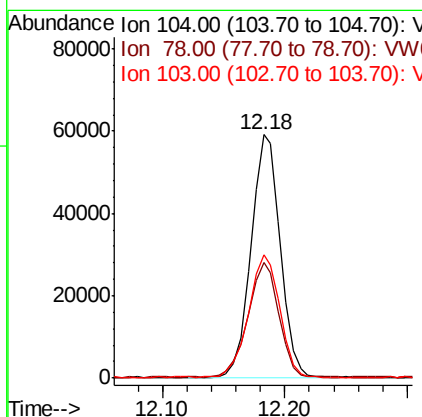
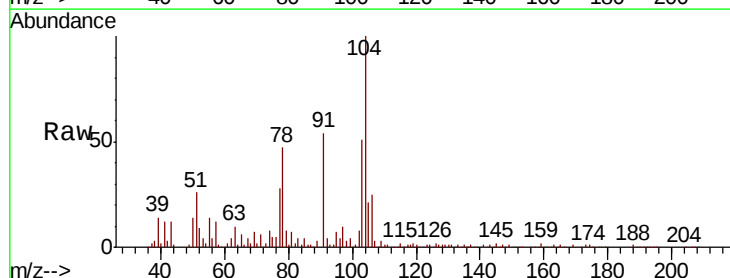
Instrument :
MSVOA_W
ClientSampleId :
NON-UST-03R-AMS

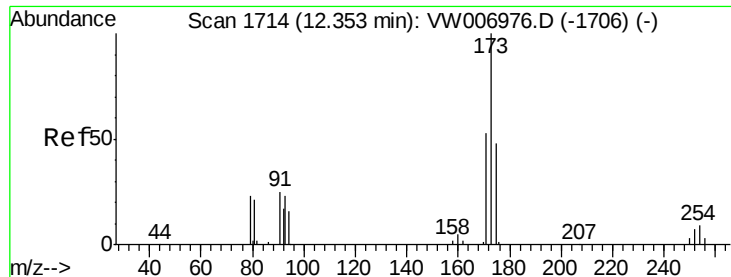
Tot Ion:106 Resp: 48066
Ion Ratio Lower Upper
106 100
91 225.2 107.9 323.8



#70
Styrene
Concen: 46.620 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

Tgt Ion:104 Resp: 97871
Ion Ratio Lower Upper
104 100
78 50.6 41.8 62.8
103 54.5 44.4 66.6





#71

Bromoform

Concen: 85.397 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW007057.D

Acq: 26 Nov 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMS

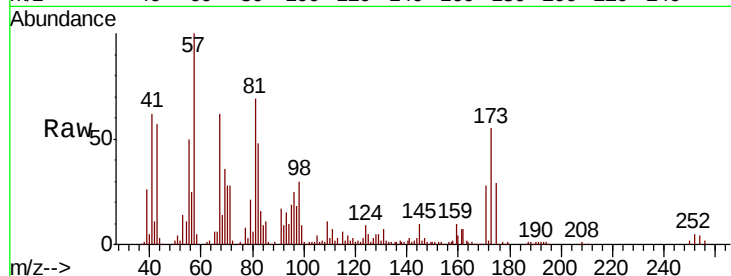
Tot Ion:173 Resp: 23620

Ion Ratio Lower Upper

173 100

175 52.7 24.0 72.0

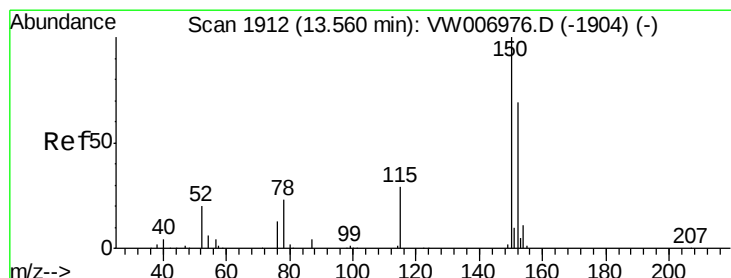
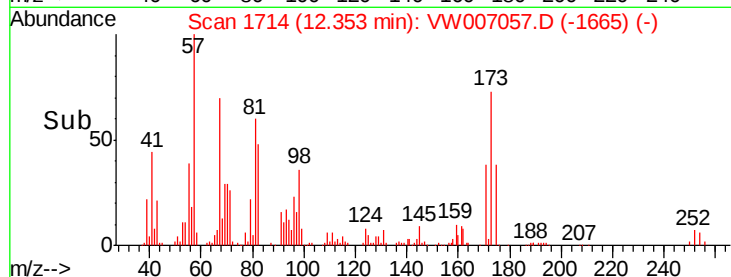
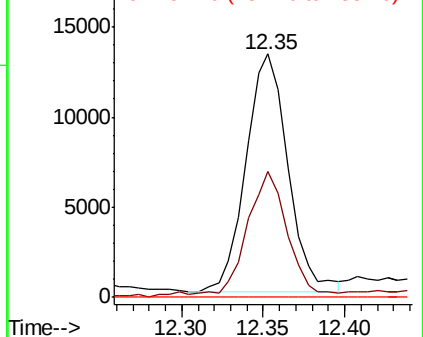
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007057.D

Acq: 26 Nov 2018 19:23

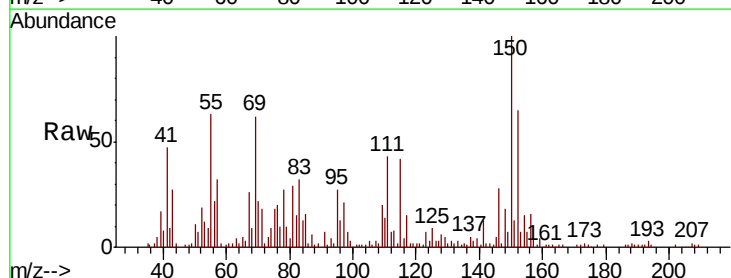
Tgt Ion:152 Resp: 24228

Ion Ratio Lower Upper

152 100

115 58.3 31.4 94.2

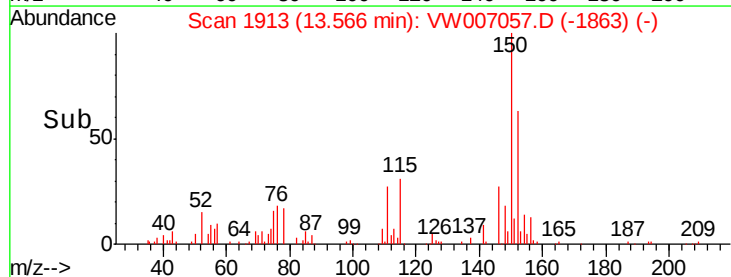
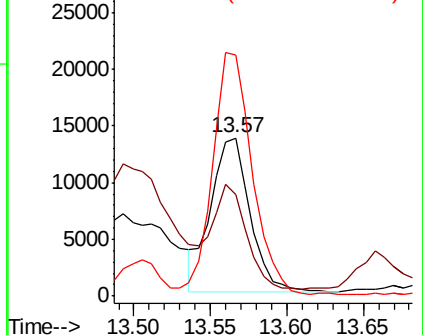
150 157.1 0.0 353.4

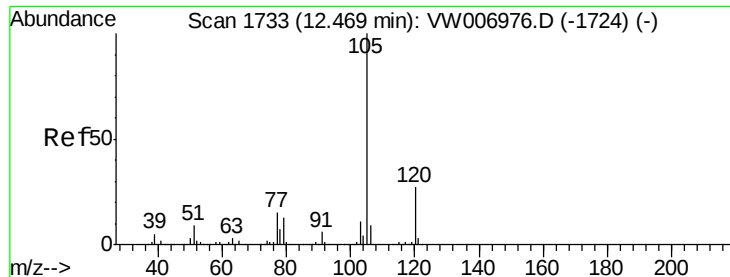


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 148.808 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007057.D

Acq: 26 Nov 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

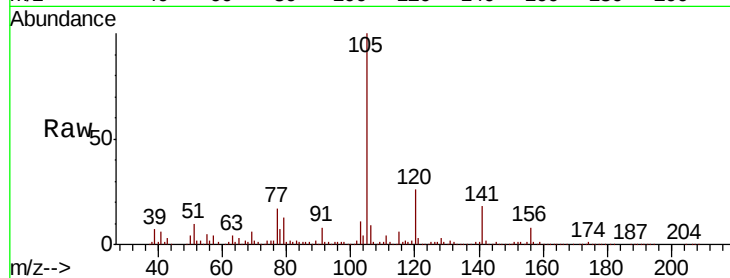
NON-UST-03R-AMS

Tot Ion:105 Resp: 280201

Ion Ratio Lower Upper

105 100

120 25.8 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

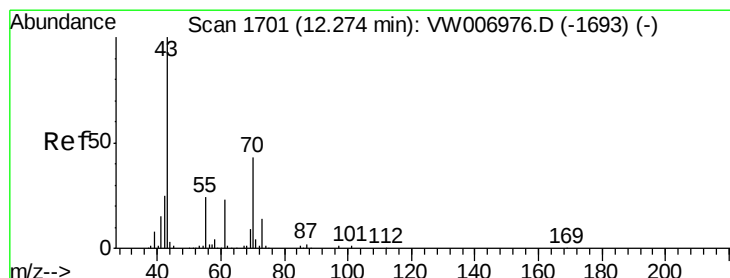
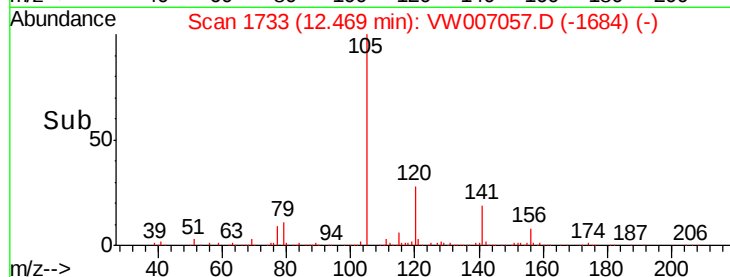
100000

50000

0

12.30 12.40 12.50 12.60

Time-->



#74

N-ethyl acetate

Concen: 282.585 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007057.D

Acq: 26 Nov 2018 19:23

Tgt Ion: 43 Resp: 89179

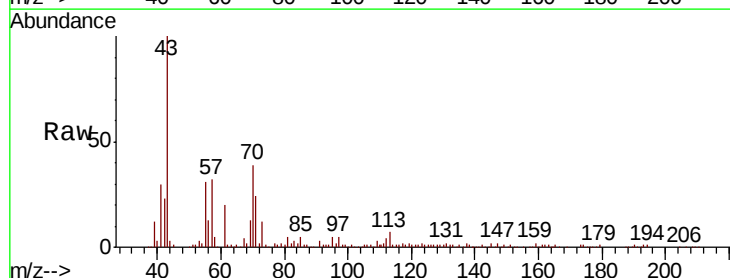
Ion Ratio Lower Upper

43 100

70 32.4 34.0 51.0#

55 12.7 19.4 29.0#

61 14.9 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

60000

50000

40000

30000

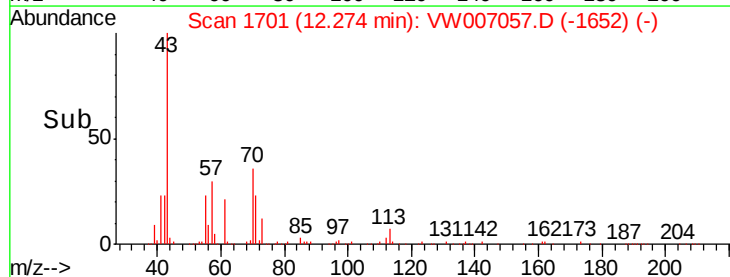
20000

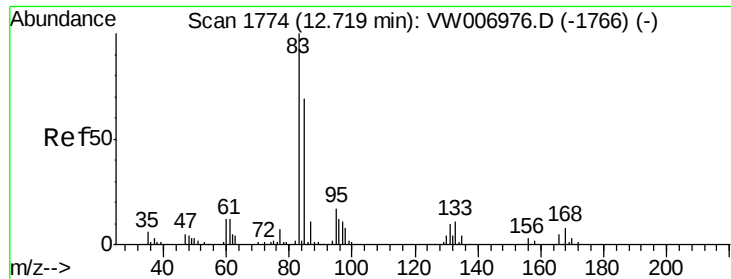
10000

0

12.20 12.25 12.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 199.927 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007057.D

Acq: 26 Nov 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMS

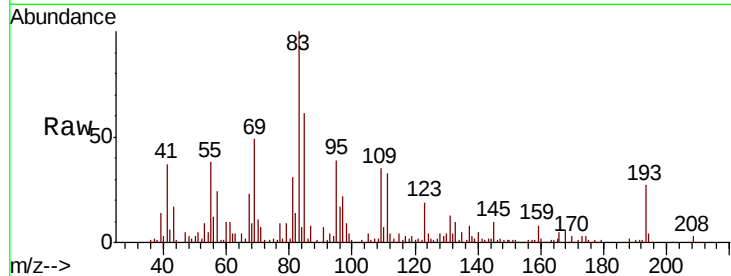
Tot Ion: 83 Resp: 50100

Ion Ratio Lower Upper

83 100

131 12.3 5.7 17.1

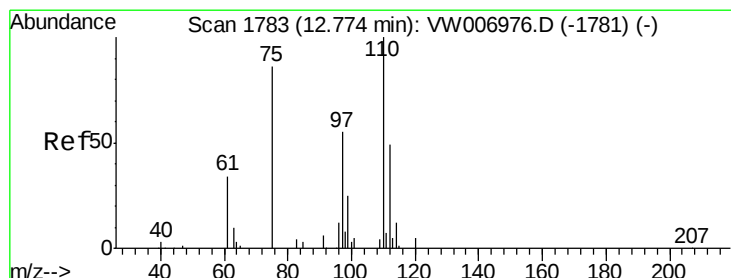
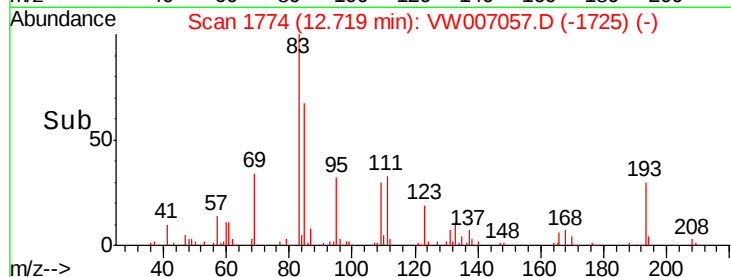
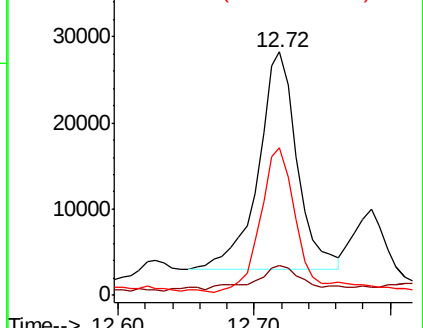
85 64.8 33.1 99.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 277.968 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW007057.D

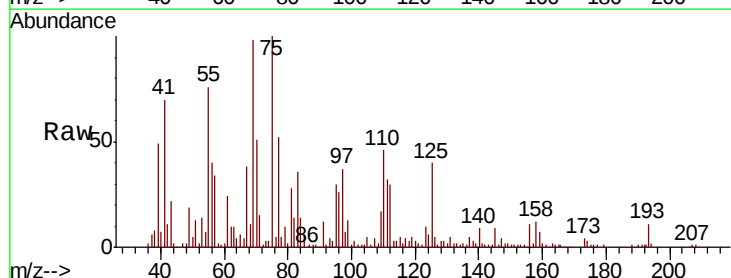
Acq: 26 Nov 2018 19:23

Tgt Ion: 75 Resp: 52920

Ion Ratio Lower Upper

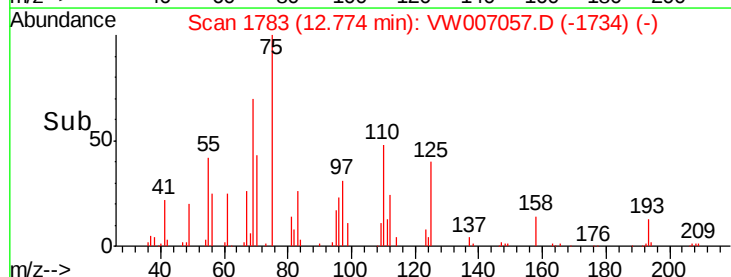
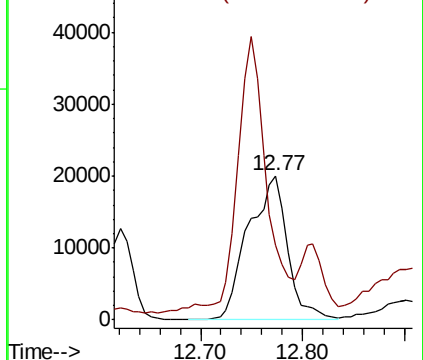
75 100

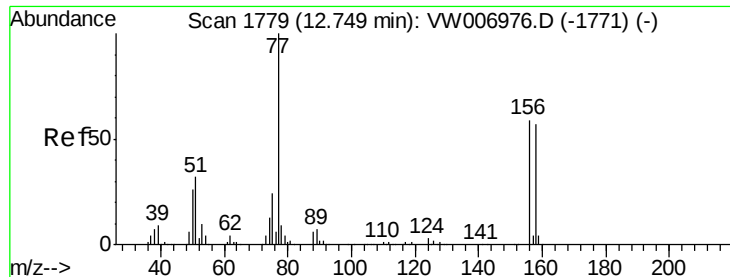
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 84.964 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007057.D

Acq: 26 Nov 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMS

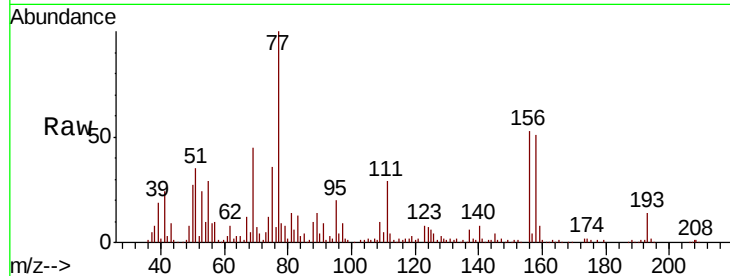
Tot Ion:156 Resp: 34362

Ion Ratio Lower Upper

156 100

77 223.6 94.6 283.8

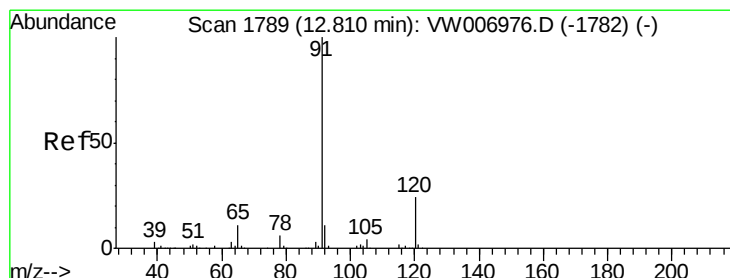
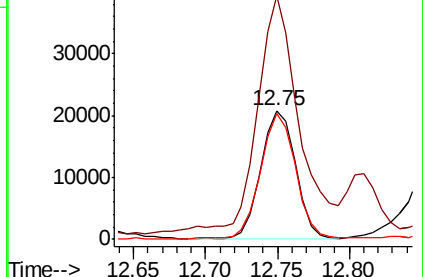
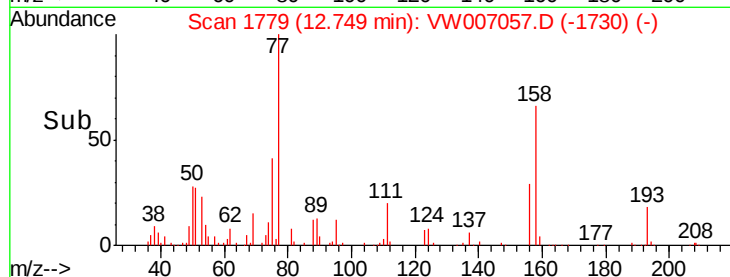
158 100.6 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 163.252 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007057.D

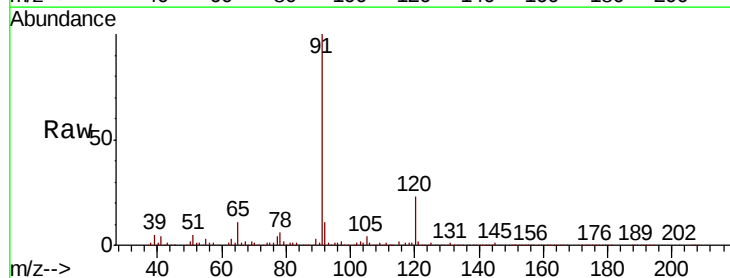
Acq: 26 Nov 2018 19:23

Tgt Ion: 91 Resp: 372353

Ion Ratio Lower Upper

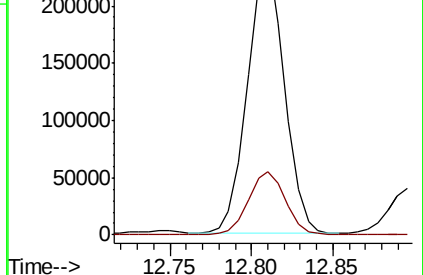
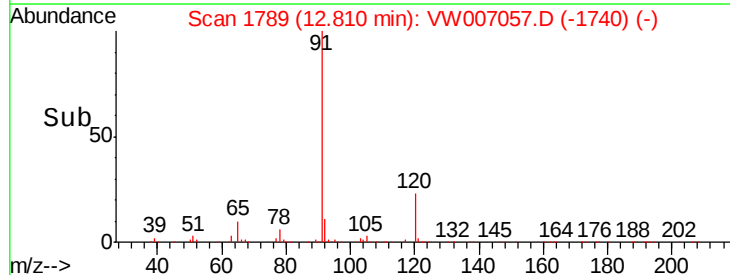
91 100

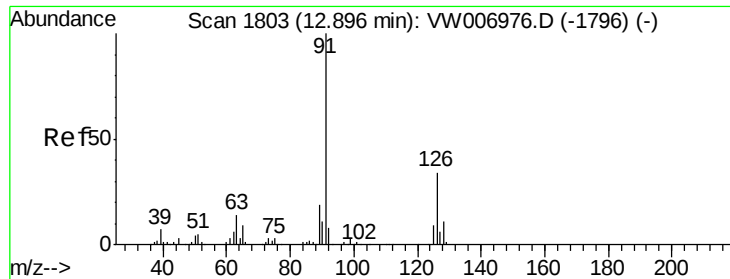
120 23.0 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

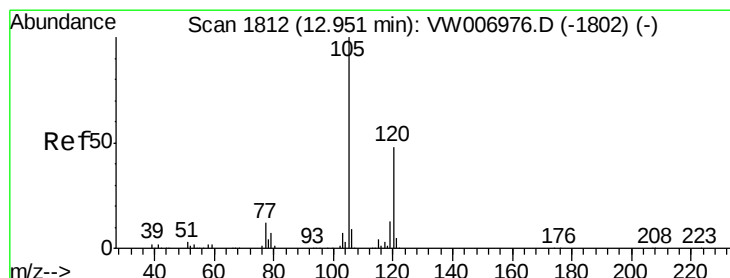
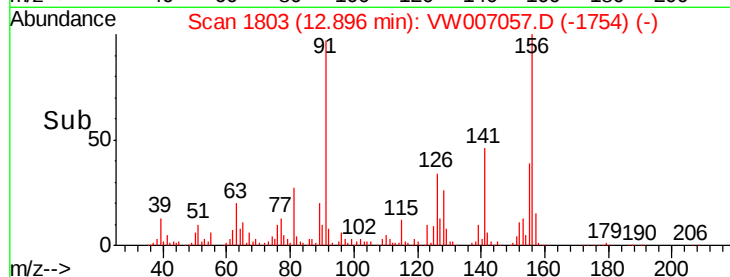
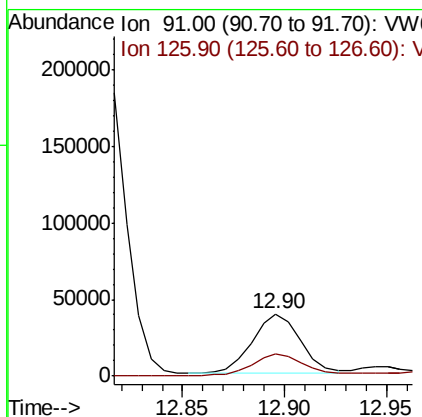
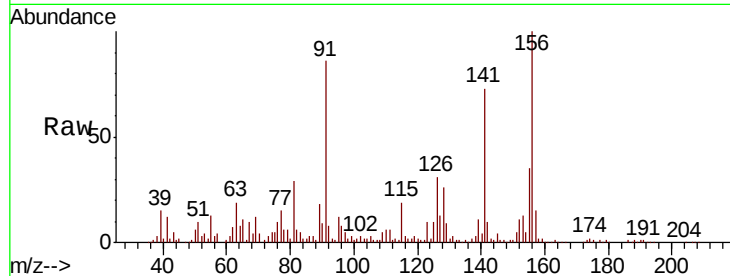




#79
 2-Chlorotoluene
 Concen: 48.363 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007057.D
 Acq: 26 Nov 2018 19:23

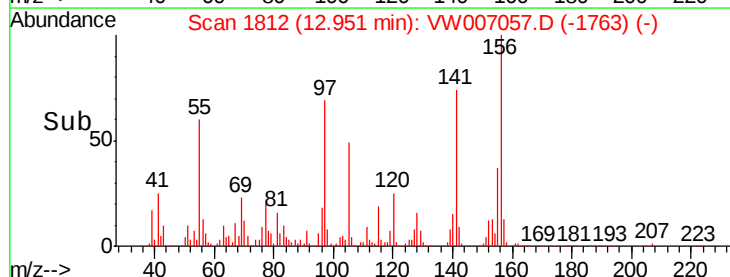
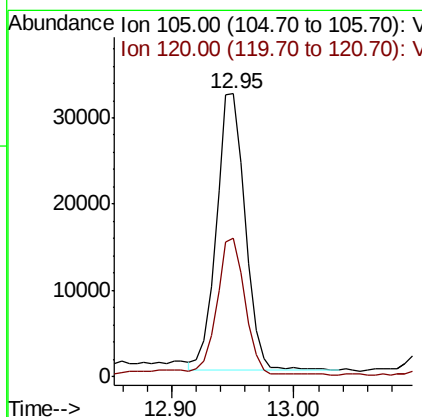
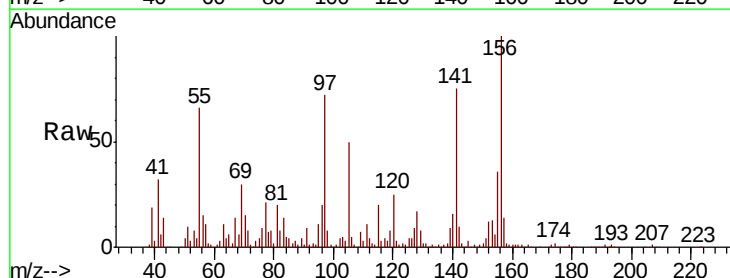
Instrument :
 MSVOA_W
 ClientSampleId :
 NON-UST-03R-AMS

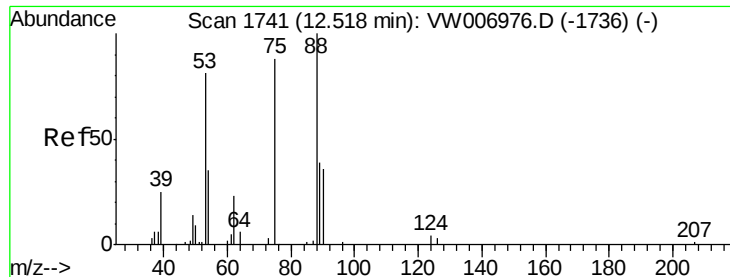
Tot Ion: 91 Resp: 63603
 Ion Ratio Lower Upper
 91 100
 126 43.2 16.7 50.0



#80
 1,3,5-Trimethylbenzene
 Concen: 32.295 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW007057.D
 Acq: 26 Nov 2018 19:23

Tgt Ion: 105 Resp: 52586
 Ion Ratio Lower Upper
 105 100
 120 48.3 23.8 71.2





#81

trans-1,4-Dichloro-2-butene

Concen: 184.699 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW007057.D

Acq: 26 Nov 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMS

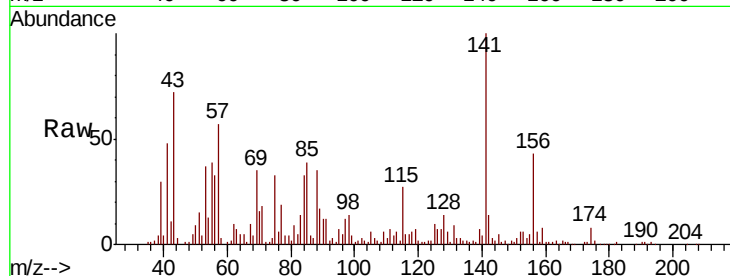
Tot Ion: 75 Resp: 14006

Ion Ratio Lower Upper

75 100

53 136.2 77.6 116.4#

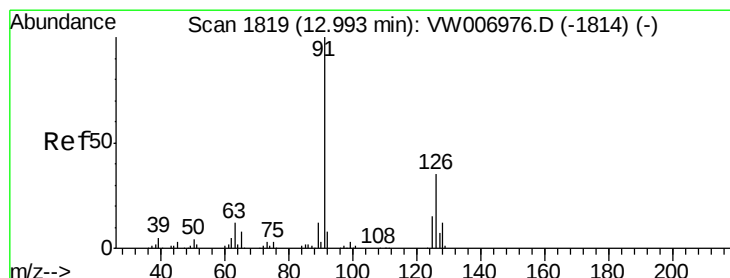
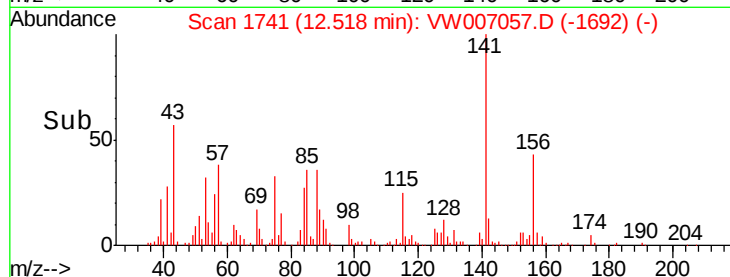
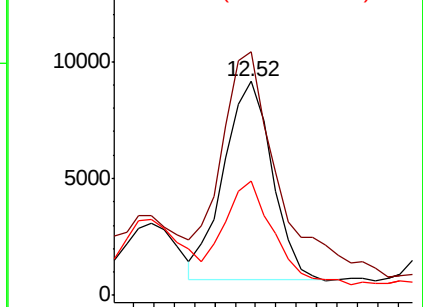
89 54.3 39.3 58.9



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 50.354 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW007057.D

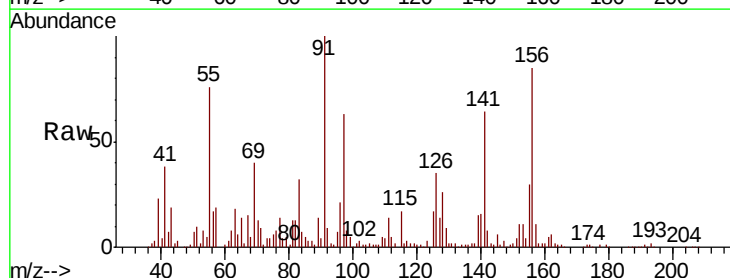
Acq: 26 Nov 2018 19:23

Tgt Ion: 91 Resp: 69493

Ion Ratio Lower Upper

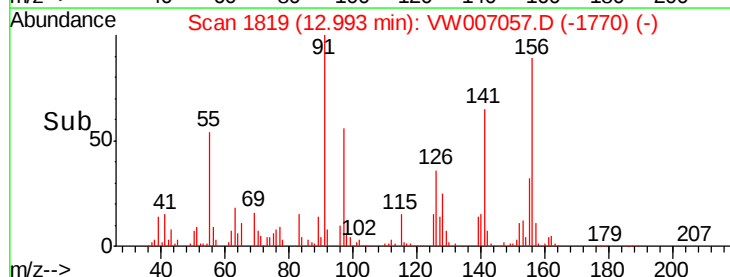
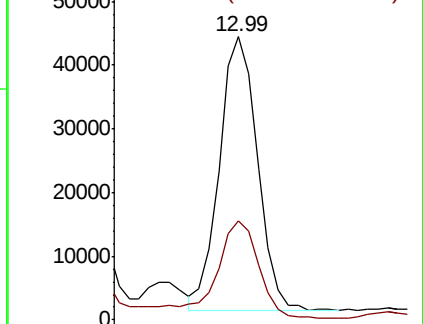
91 100

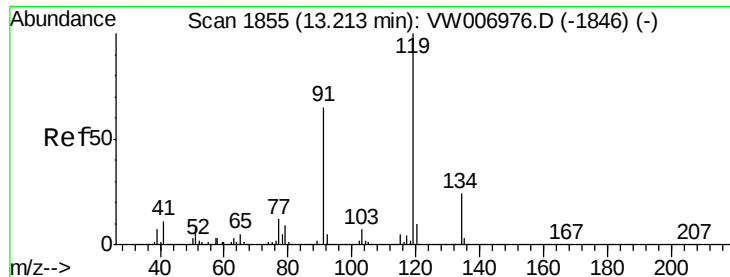
126 39.3 16.6 49.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 39.272 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW007057.D

Acq: 26 Nov 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMS

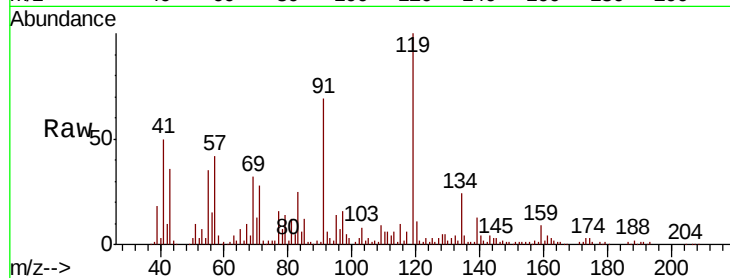
Tot Ion:119 Resp: 55363

Ion Ratio Lower Upper

119 100

91 61.6 33.5 100.5

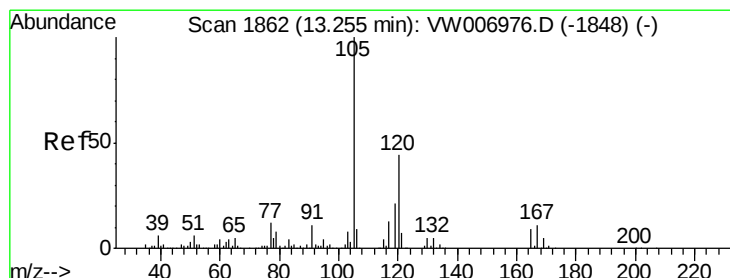
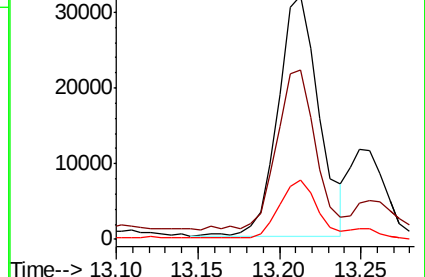
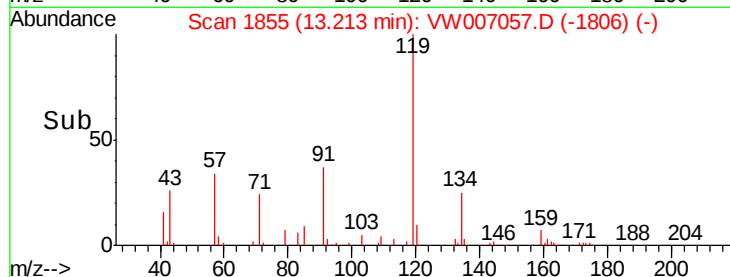
134 22.0 12.6 37.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 35.023 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW007057.D

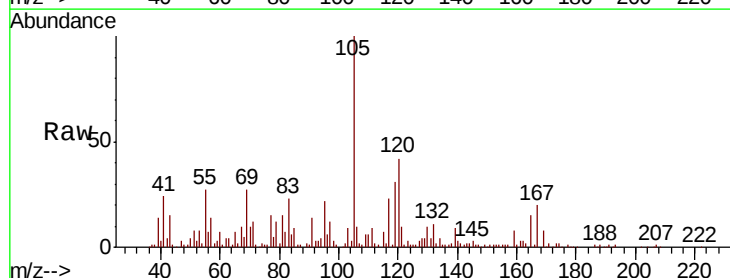
Acq: 26 Nov 2018 19:23

Tgt Ion:105 Resp: 56818

Ion Ratio Lower Upper

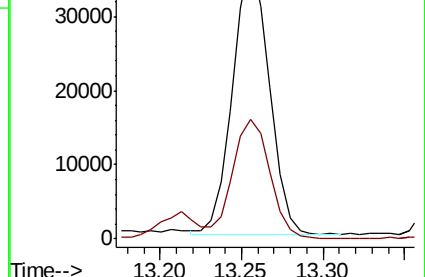
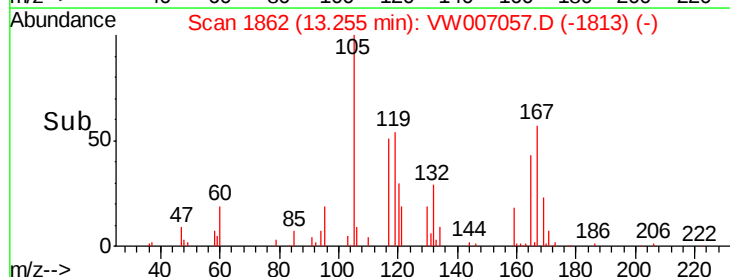
105 100

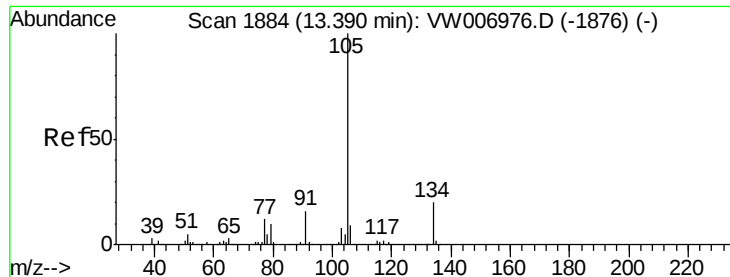
120 44.5 21.8 65.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 138.785 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW007057.D

Acq: 26 Nov 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

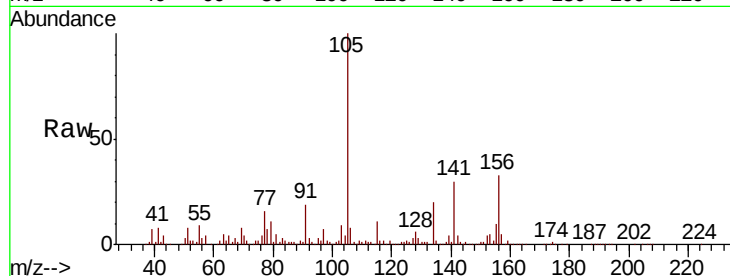
NON-UST-03R-AMS

Tot Ion:105 Resp: 276403

Ion Ratio Lower Upper

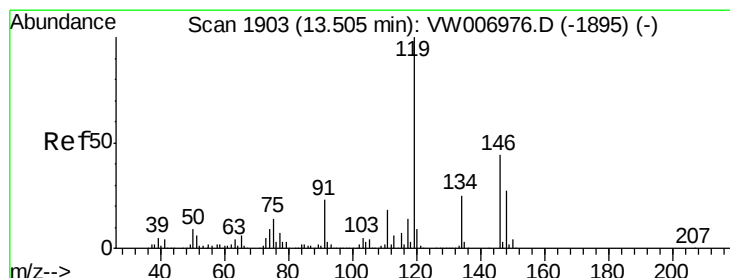
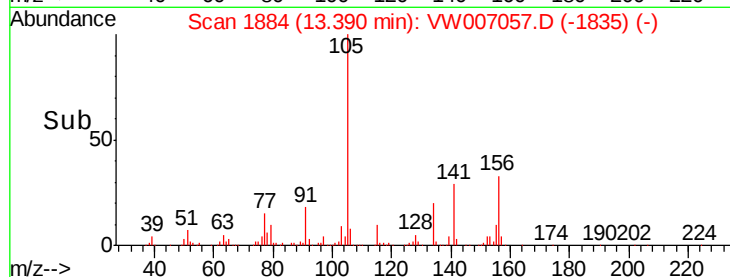
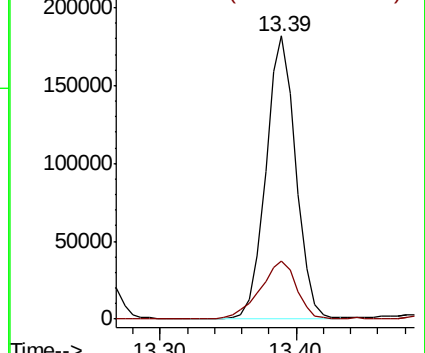
105 100

134 25.3 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.484 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW007057.D

Acq: 26 Nov 2018 19:23

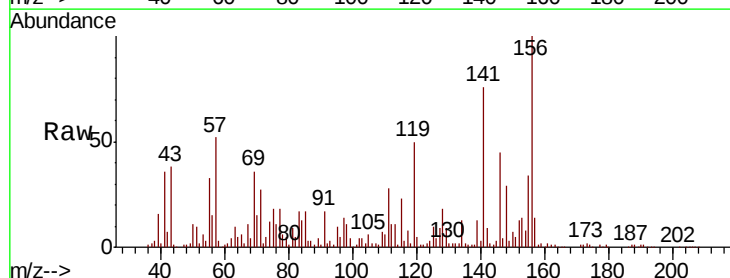
Tgt Ion:119 Resp: 37747

Ion Ratio Lower Upper

119 100

134 27.2 12.8 38.3

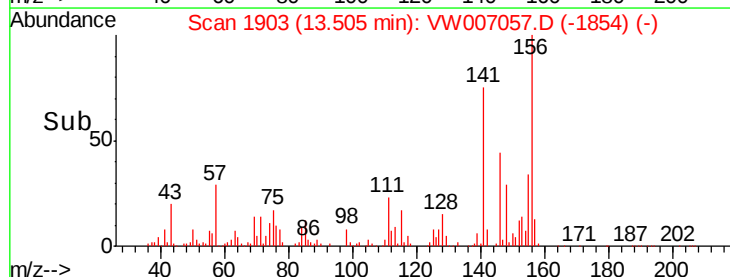
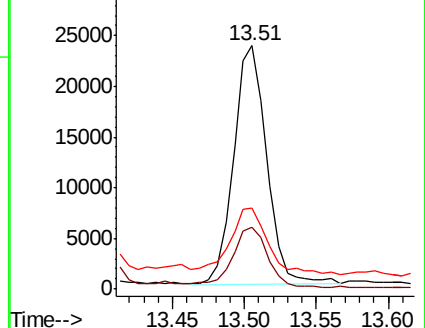
91 32.7 12.2 36.6

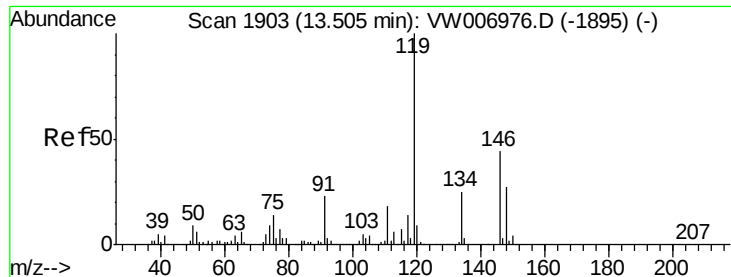


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

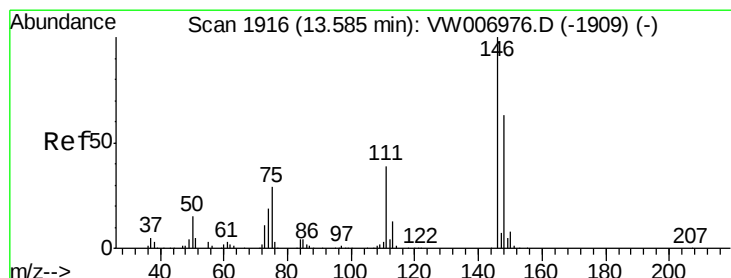
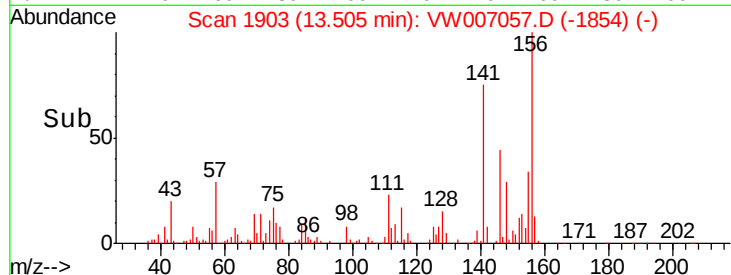
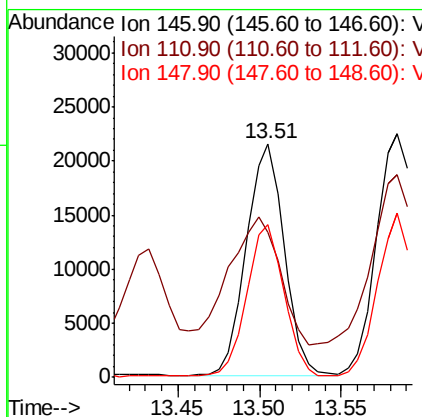
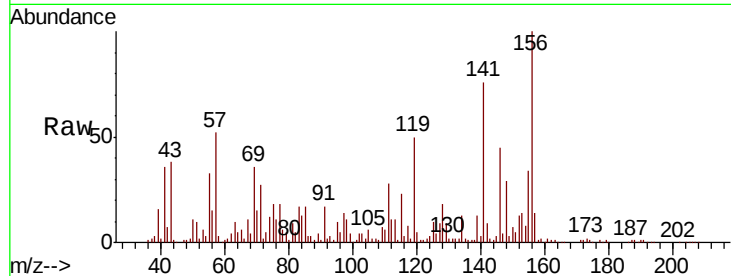




#87
 1,3-Dichlorobenzene
 Concen: 41.795 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007057.D
 Acq: 26 Nov 2018 19:23

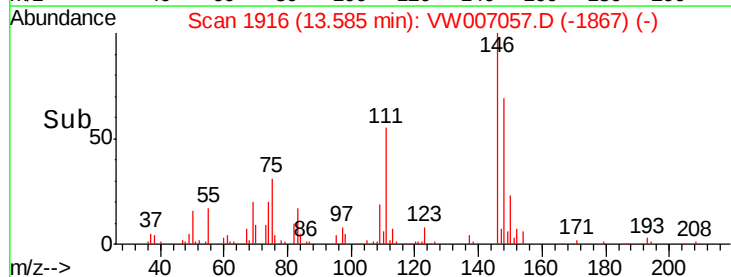
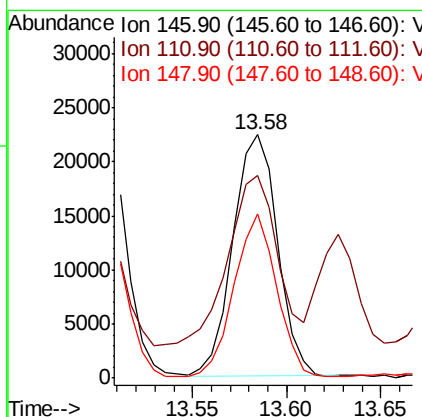
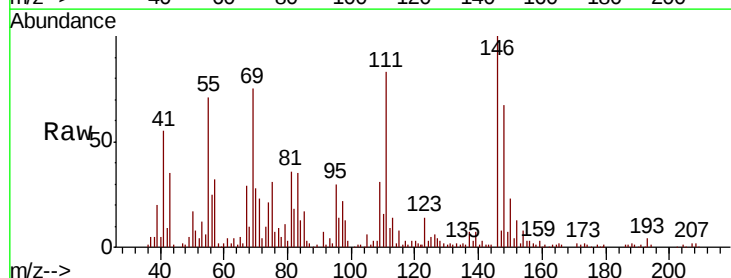
Instrument :
 MSVOA_W
 ClientSampleId :
 NON-UST-03R-AMS

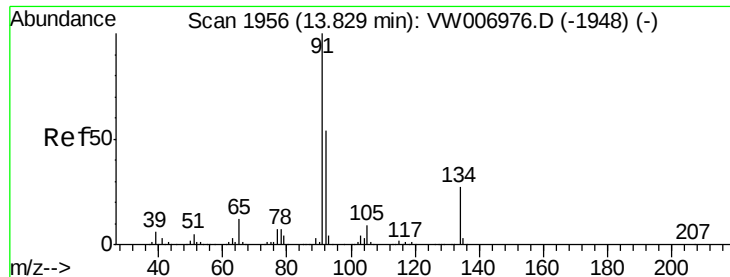
Tot Ion:146 Resp: 34508
 Ion Ratio Lower Upper
 146 100
 111 72.2 21.1 63.3#
 148 64.6 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 44.184 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007057.D
 Acq: 26 Nov 2018 19:23

Tgt Ion:146 Resp: 36372
 Ion Ratio Lower Upper
 146 100
 111 76.7 20.6 61.8#
 148 64.4 32.3 96.8





#89

n-Butylbenzene

Concen: 85.923 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007057.D

Acq: 26 Nov 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMS

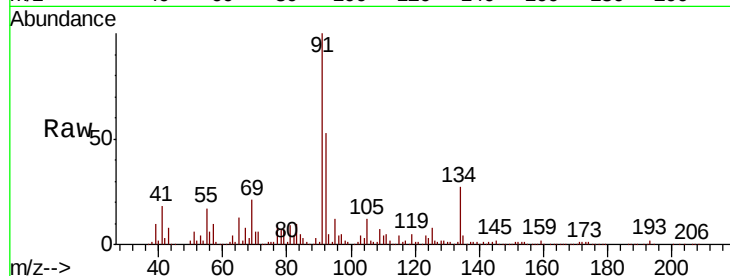
Tot Ion: 91 Resp: 142070

Ion Ratio Lower Upper

91 100

92 47.6 26.8 80.4

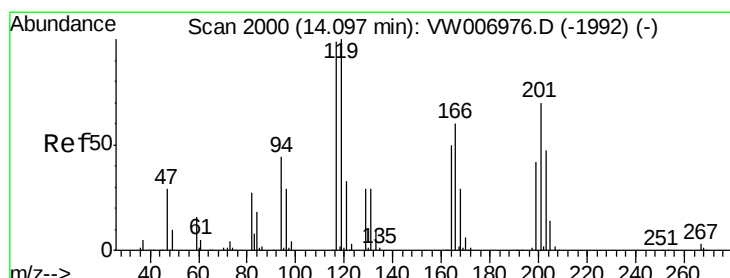
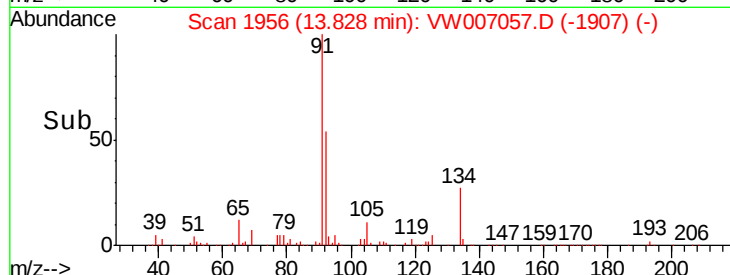
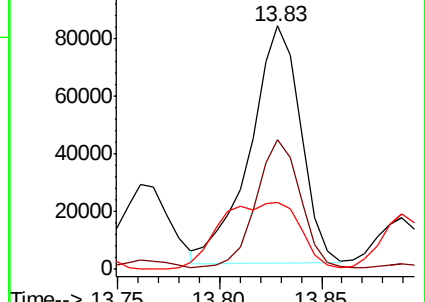
134 44.5 13.3 39.8#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 296.843 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW007057.D

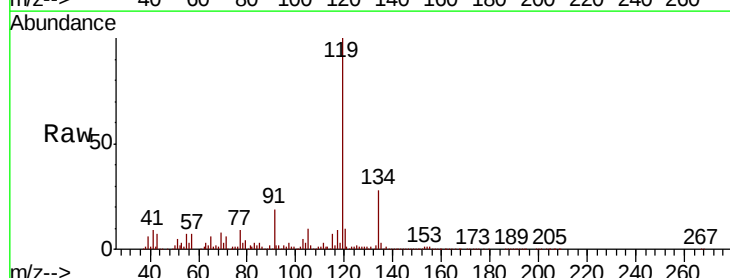
Acq: 26 Nov 2018 19:23

Tgt Ion: 117 Resp: 76145

Ion Ratio Lower Upper

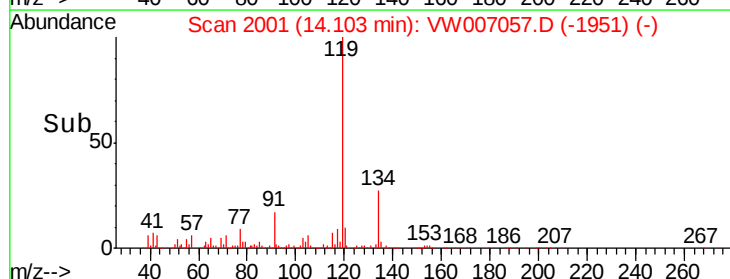
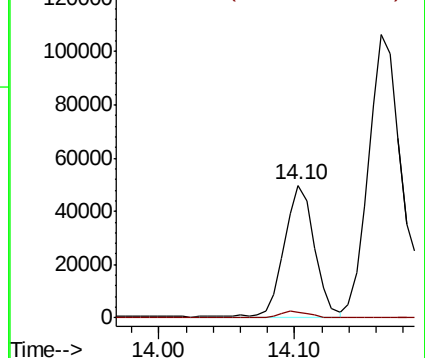
117 100

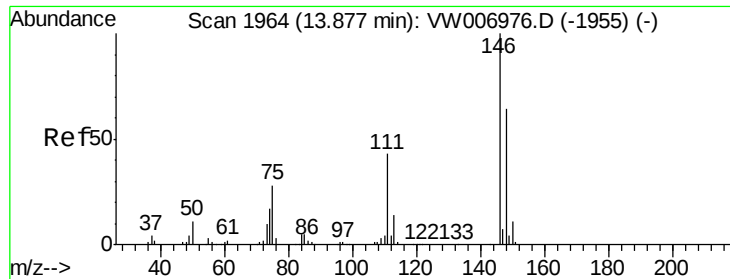
201 5.2 35.9 107.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 50.594 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW007057.D

Acq: 26 Nov 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMS

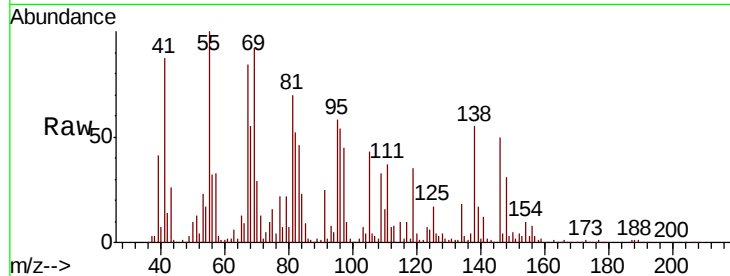
Tot Ion:146 Resp: 36603

Ion Ratio Lower Upper

146 100

111 123.5 21.9 65.7#

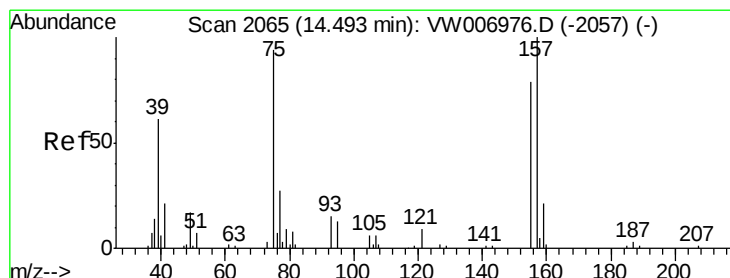
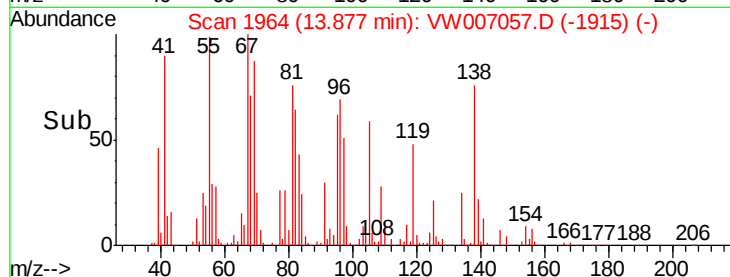
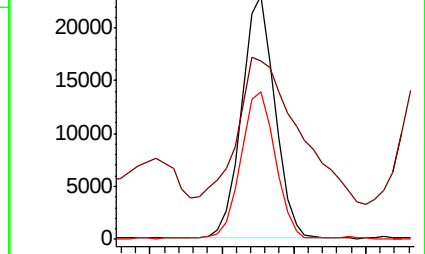
148 62.7 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 168.987 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. -0.00 min

Lab File: VW007057.D

Acq: 26 Nov 2018 19:23

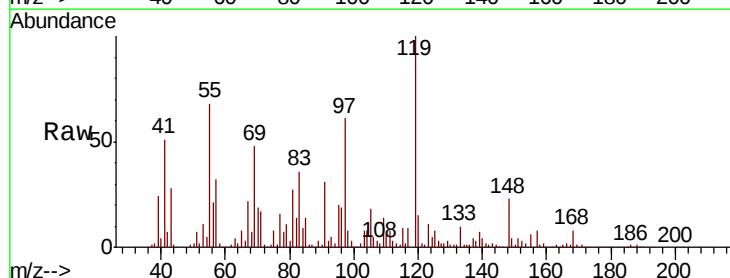
Tgt Ion: 75 Resp: 7152

Ion Ratio Lower Upper

75 100

155 72.7 42.6 127.8

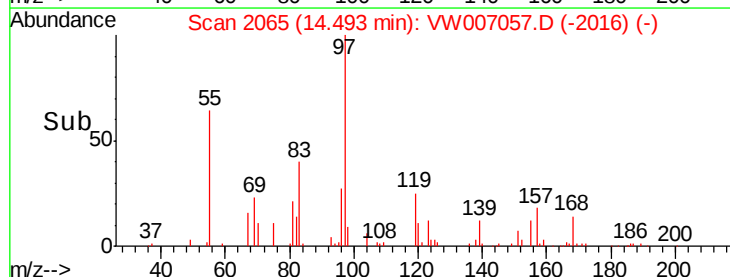
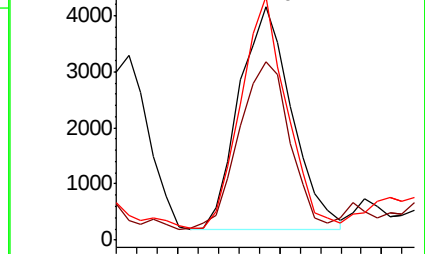
157 89.6 55.0 165.0

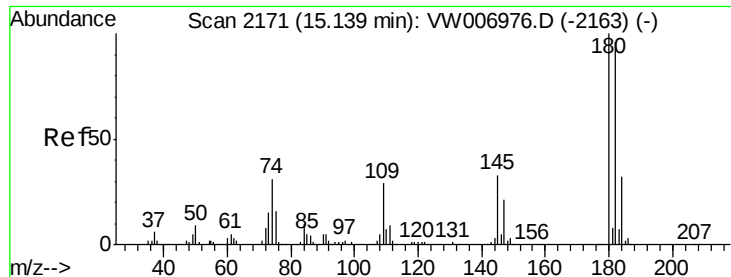


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 22.417 ug/l

RT: 15.14 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VW007057.D

Acq: 26 Nov 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-03R-AMS

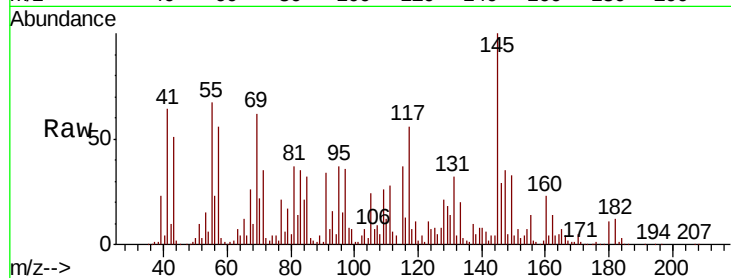
Tot Ion:180 Resp: 10694

Ion Ratio Lower Upper

180 100

182 98.9 47.1 141.3

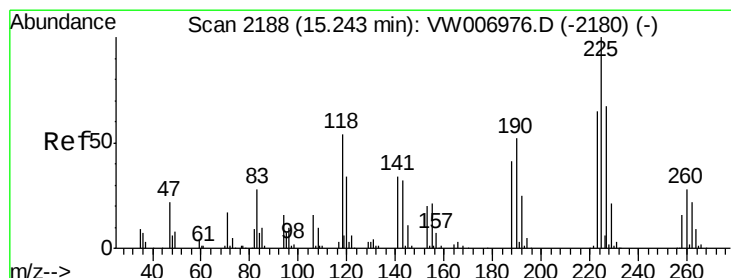
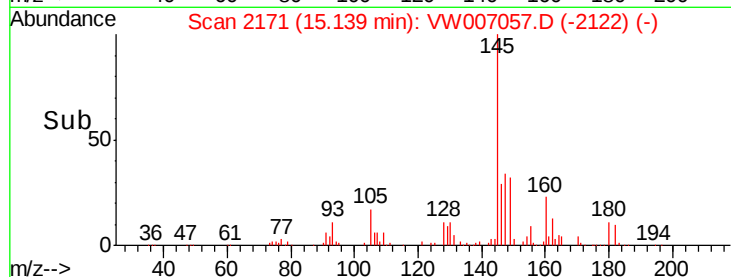
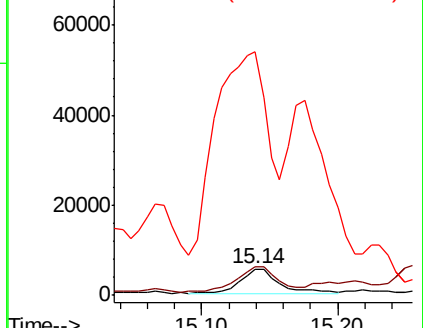
145 1219.3 16.5 49.5#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 9.501 ug/l

RT: 15.24 min Scan# 2188

Delta R.T. -0.00 min

Lab File: VW007057.D

Acq: 26 Nov 2018 19:23

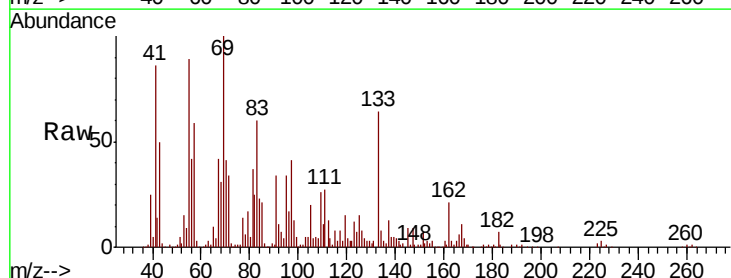
Tgt Ion:225 Resp: 2464

Ion Ratio Lower Upper

225 100

223 66.9 32.4 97.0

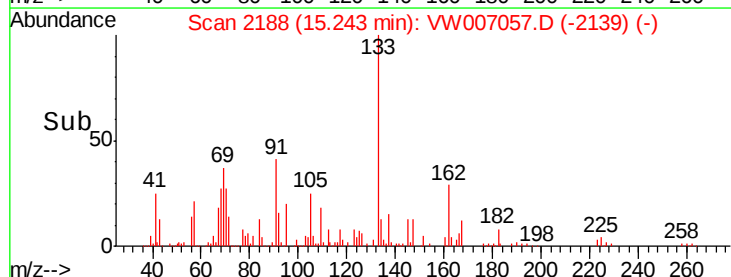
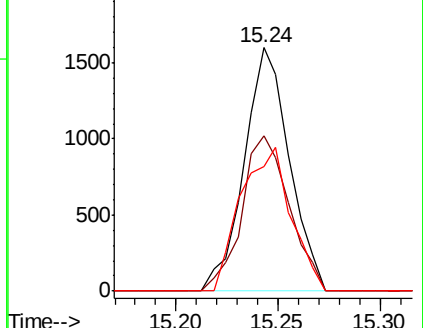
227 65.3 31.9 95.5

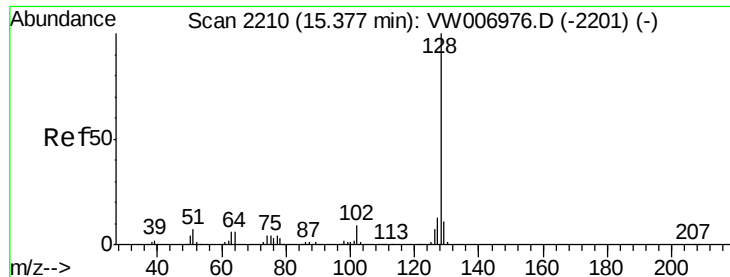


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

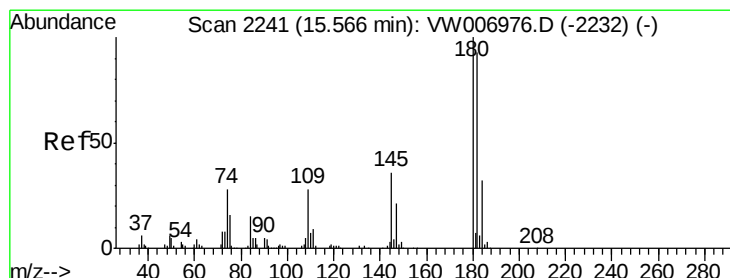
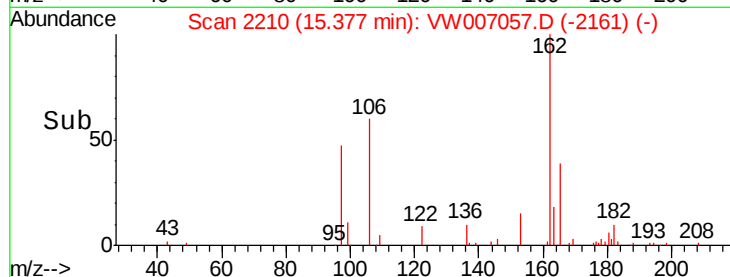
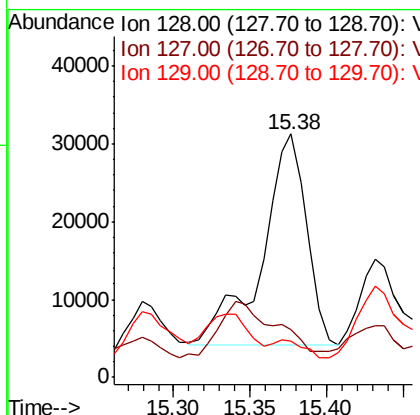
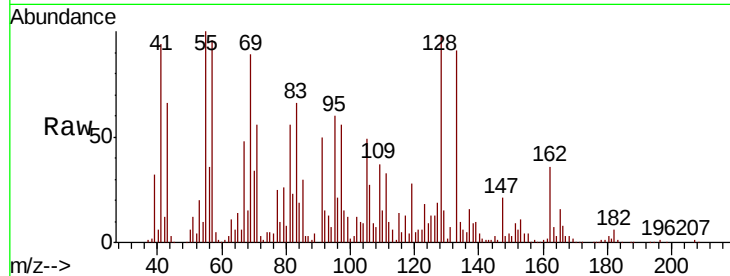




#95
Naphthalene
Concen: 63.739 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

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

Tot Ion:128 Resp: 55196
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 24.001 ug/l
RT: 15.57 min Scan# 2242
Delta R.T. 0.01 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

Tgt Ion:180 Resp: 9499
Ion Ratio Lower Upper
180 100
182 93.1 47.0 141.2
145 1419.7 18.0 54.0#

