

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

Manual Integrations
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 11/27/2018 2:44:17 PM

Quant Time: Nov 27 06:50:15 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	59.68	ug/l	98
3) Chloromethane	2.21	50	40005	72.62	ug/l	97
4) Vinyl Chloride	2.36	62	36297	66.96	ug/l	99
5) Bromomethane	2.78	94	22434	77.54	ug/l	96
6) Chloroethane	2.92	64	21292	71.26	ug/l	98
7) Trichlorofluoromethane	3.26	101	61510	57.71	ug/l	95
8) Diethyl Ether	3.69	74	26852	78.19	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	25235	36.52	ug/l	99
10) Methyl Iodide	4.28	142	50244	63.52	ug/l	99
11) Tert butyl alcohol	5.21	59	20409	478.27	ug/l	99
12) 1,1-Dichloroethene	4.05	96	38980	64.32	ug/l	96
13) Acrolein	3.90	56	20953	478.13	ug/l	100
14) Allyl chloride	4.68	41	68712	68.36	ug/l	99
15) Acrylonitrile	5.38	53	63065	488.57	ug/l	100
16) Acetone	4.15	43	46859	492.36	ug/l	97
17) Carbon Disulfide	4.39	76	123988	63.28	ug/l	100
18) Methyl Acetate	4.68	43	44699	131.89	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	137658	86.99	ug/l	98
20) Methylene Chloride	4.93	84	59497	81.89	ug/l	94
21) trans-1,2-Dichloroethene	5.43	96	46799	66.29	ug/l	97
22) Diisopropyl ether	6.32	45	147036	75.15	ug/l	98
23) Vinyl Acetate	6.26	43	429681	413.56	ug/l	100
24) 1,1-Dichloroethane	6.22	63	80746	67.84	ug/l	99
25) 2-Butanone	7.18	43	77822	477.43	ug/l	95
26) 2,2-Dichloropropane	7.17	77	64484	60.25	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	52299	69.57	ug/l	98
28) Bromochloromethane	7.52	49	34559	77.69	ug/l #	97
29) Tetrahydrofuran	7.54	42	51494	487.78	ug/l	99
30) Chloroform	7.68	83	85416	67.55	ug/l	96
31) Cyclohexane	7.96	56	28954	22.93	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	67018	58.84	ug/l	98
36) 1,1-Dichloropropene	8.09	75	54262	43.06	ug/l	98
37) Ethyl Acetate	7.26	43	34910	76.44	ug/l	98
38) Carbon Tetrachloride	8.07	117	48391	40.10	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	21818	13.83	ug/l	99
40) Benzene	8.33	78	187243	55.04	ug/l	97
41) Methacrylonitrile	7.49	41	23468	82.75	ug/l	97
42) 1,2-Dichloroethane	8.40	62	62226	63.00	ug/l	100
43) Isopropyl Acetate	8.43	43	69774	80.17	ug/l	94
44) Trichloroethene	9.10	130	45008	47.20	ug/l	94
45) 1,2-Dichloropropane	9.37	63	46955	55.99	ug/l	98
46) Dibromomethane	9.46	93	27623	65.78	ug/l	98
47) Bromodichloromethane	9.65	83	64445	58.24	ug/l	99
48) Methyl methacrylate	9.44	41	35224	83.94	ug/l	97
49) 1,4-Dioxane	9.48	88	8898	1425.54	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	170264	387.13	ug/l	99
52) Toluene	10.39	92	102442	44.25	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	68070	63.51	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	78135	60.34	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	54361	87.98	ug/l	95
56) Ethyl methacrylate	10.65	69	63863	89.04	ug/l	94
57) 1,3-Dichloropropane	10.93	76	66987	64.69	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	129193	344.72	ug/l	100
59) 2-Hexanone	10.98	43	147312	489.12	ug/l	87
60) Dibromochloromethane	11.13	129	47028	66.80	ug/l	98
61) 1,2-Dibromoethane	11.24	107	37672	66.65	ug/l	97
64) Tetrachloroethene	10.87	164	19871	33.22	ug/l	96
65) Chlorobenzene	11.66	112	102460	52.79	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	35372	60.24	ug/l	96
67) Ethyl Benzene	11.74	91	131500	36.88	ug/l	99
68) m/p-Xylenes	11.84	106	97479	69.68	ug/l	100
69) o-Xylene	12.17	106	48066	36.44	ug/l	94
70) Styrene	12.18	104	97871	46.62	ug/l	98
71) Bromoform	12.35	173	23620	85.40	ug/l #	93
73) Isopropylbenzene	12.47	105	280201	148.81	ug/l	99
74) N-amyl acetate	12.27	43	89179	282.58	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.72	83	50100	199.93	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	25699m	134.99	ug/l	
77) Bromobenzene	12.75	156	34362	84.96	ug/l	84
78) n-propylbenzene	12.81	91	372353	163.25	ug/l	99
79) 2-Chlorotoluene	12.90	91	63603	48.36	ug/l	83
80) 1,3,5-Trimethylbenzene	12.95	105	52586	32.30	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	14006	184.70	ug/l #	71
82) 4-Chlorotoluene	12.99	91	69493	50.35	ug/l	89
83) tert-Butylbenzene	13.21	119	55363	39.27	ug/l	93
84) 1,2,4-Trimethylbenzene	13.26	105	56818	35.02	ug/l	98
85) sec-Butylbenzene	13.39	105	276403	138.78	ug/l	87
86) p-Isopropyltoluene	13.51	119	37747	21.48	ug/l	90
87) 1,3-Dichlorobenzene	13.51	146	34508	41.79	ug/l #	80
88) 1,4-Dichlorobenzene	13.58	146	36372	44.18	ug/l #	78
89) n-Butylbenzene	13.83	91	142070	85.92	ug/l #	83
90) Hexachloroethane	14.10	117	76145	296.84	ug/l #	20
91) 1,2-Dichlorobenzene	13.88	146	36603	50.59	ug/l #	49
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7152	168.99	ug/l	83

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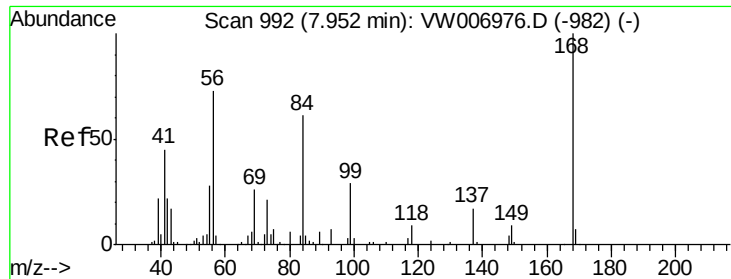
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	10694	22.42	ug/l #	1
94) Hexachlorobutadiene	15.24	225	2464	9.50	ug/l	98
95) Naphthalene	15.38	128	55196	63.74	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.57	180	9499	24.00	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007057.D

Acq: 26 Nov 2018 19:23

Instrument :

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ClientSampleId :

NON-UST-03R-AMS

Tgt Ion: 168 Resp: 66955

Ion Ratio Lower Upper

168 100

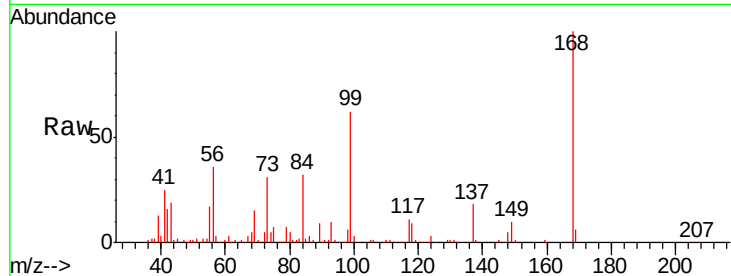
99 62.5 48.2 72.4

Manual Integrations

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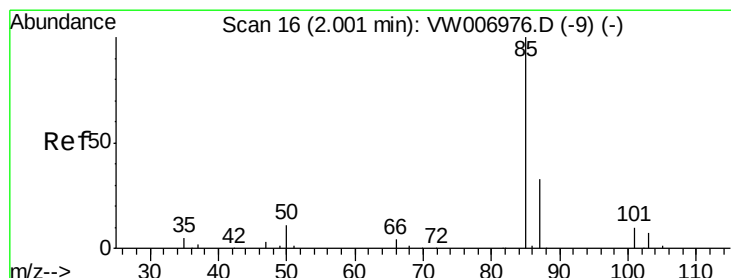
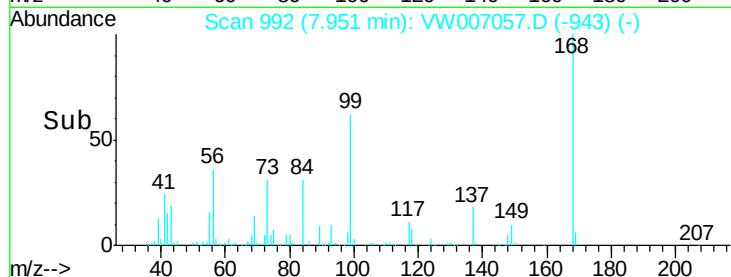
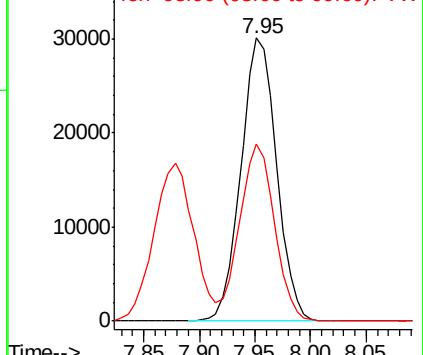
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 59.68 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW007057.D

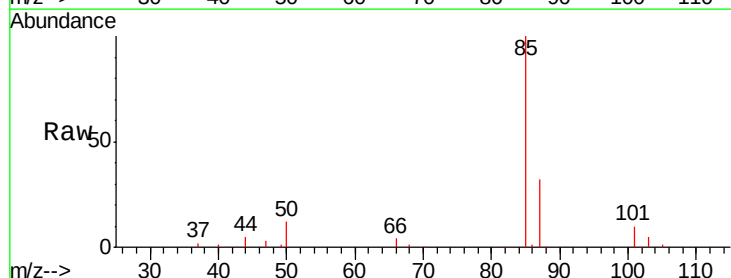
Acq: 26 Nov 2018 19:23

Tgt Ion: 85 Resp: 39454

Ion Ratio Lower Upper

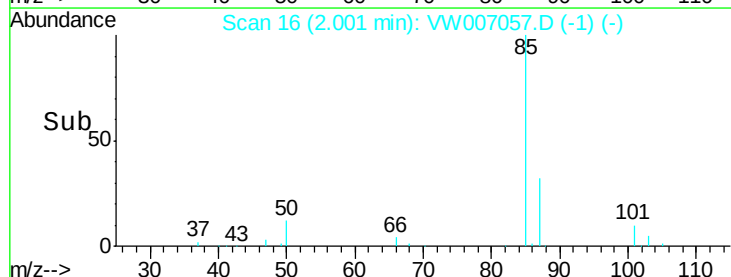
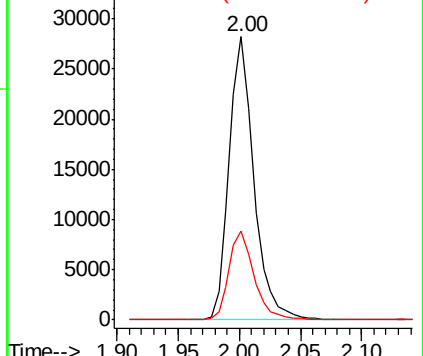
85 100

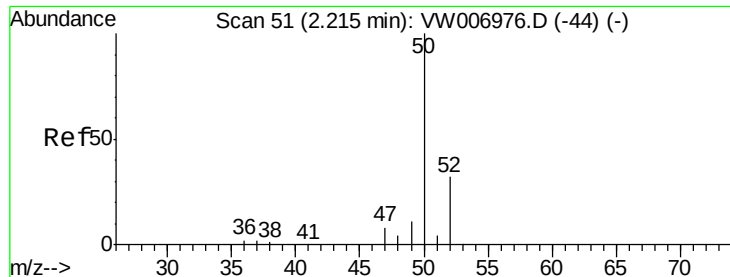
87 31.5 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





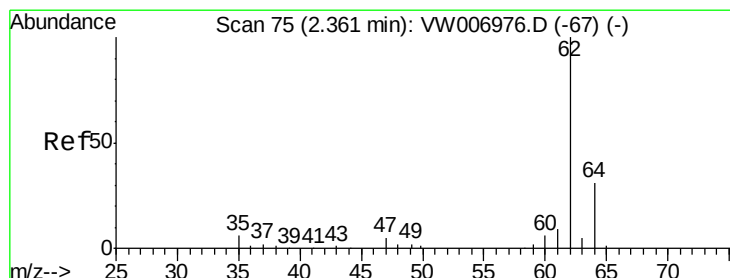
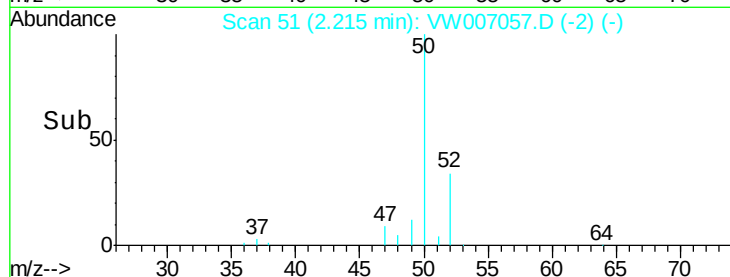
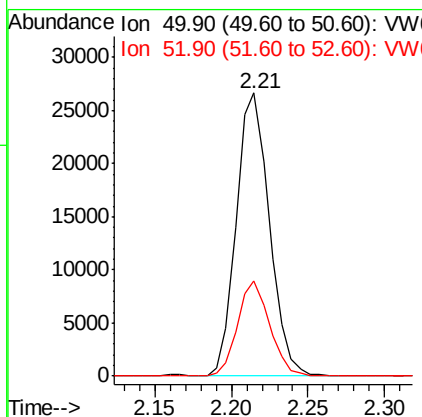
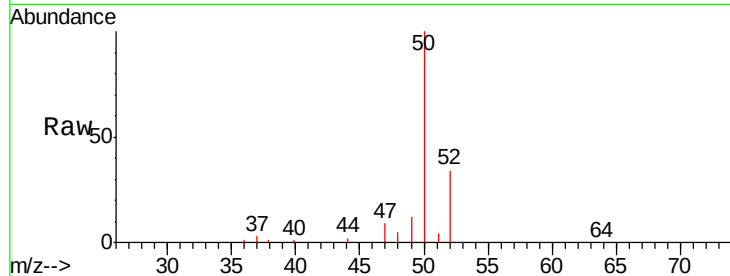
#3
Chloromethane
Concen: 72.62 ug/l
RT: 2.21 min Scan# 51
Delta R.T. -0.00 min
Lab File: VW007057.D
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Tgt Ion: 50 Resp: 40005
Ion Ratio Lower Upper
50 100
52 33.8 25.7 38.5

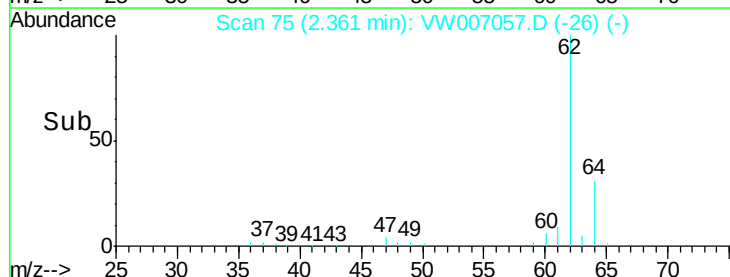
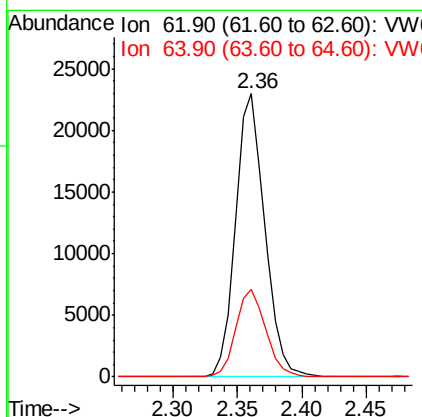
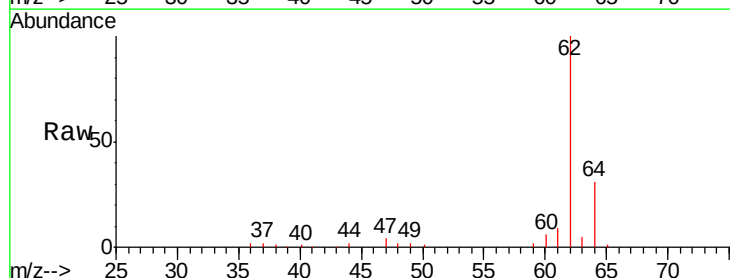
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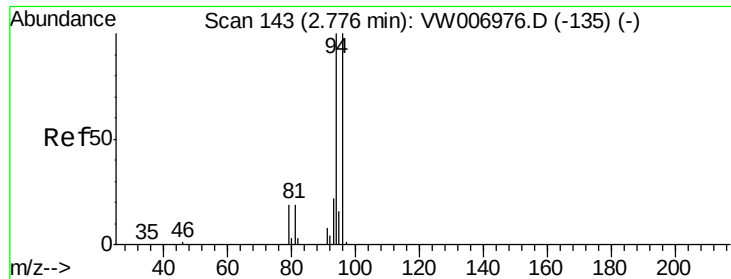
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#4
Vinyl Chloride
Concen: 66.96 ug/l
RT: 2.36 min Scan# 75
Delta R.T. -0.00 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

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





#5

Bromomethane

Concen: 77.54 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

Tgt Ion: 94 Resp: 22434

Ion Ratio Lower Upper

94 100

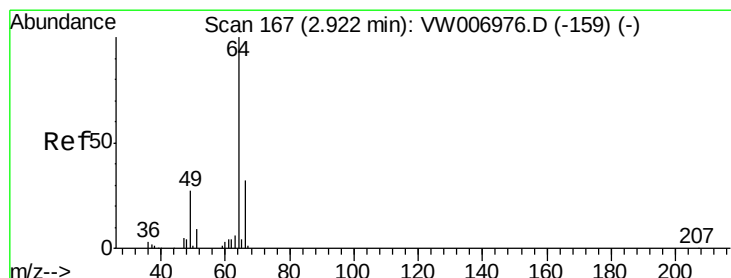
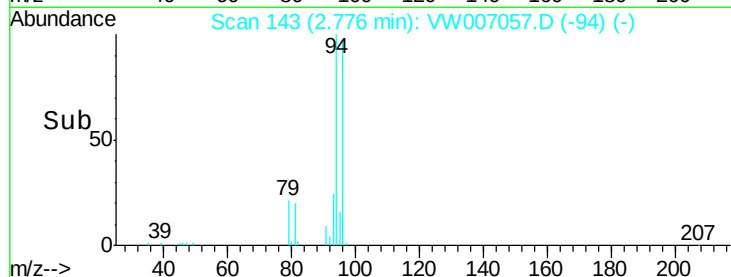
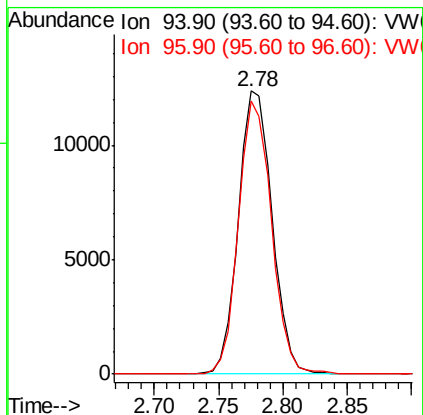
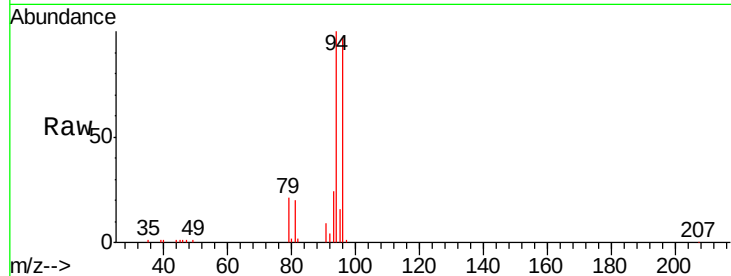
96 96.7 80.2 120.2

Manual Integrations

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#6

Chloroethane

Concen: 71.26 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW007057.D

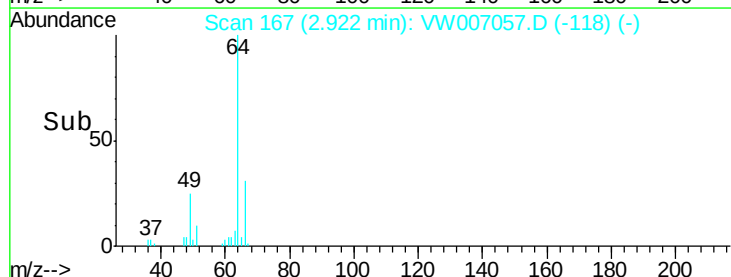
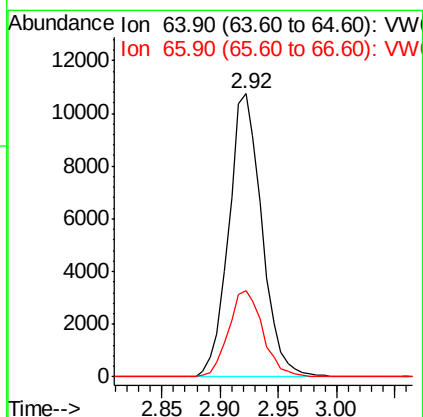
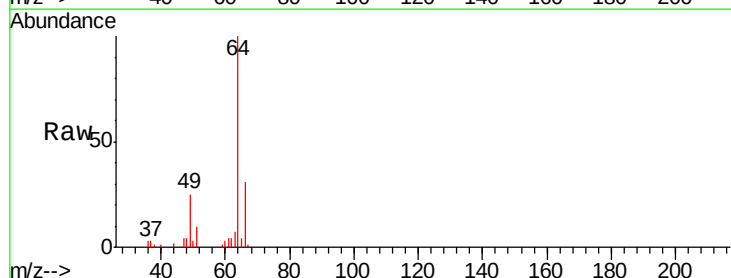
Acq: 26 Nov 2018 19:23

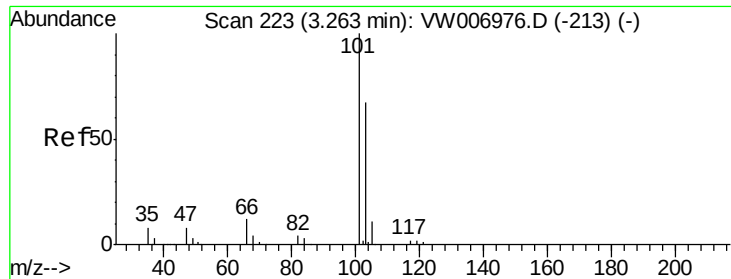
Tgt Ion: 64 Resp: 21292

Ion Ratio Lower Upper

64 100

66 30.5 25.3 37.9





#7

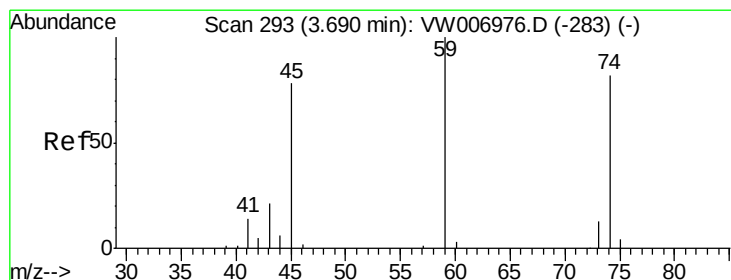
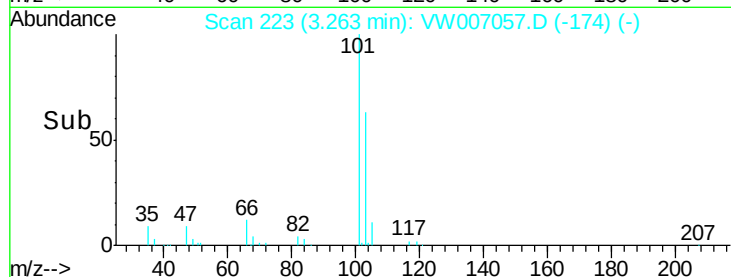
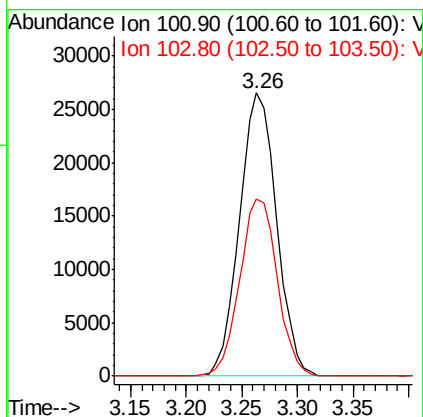
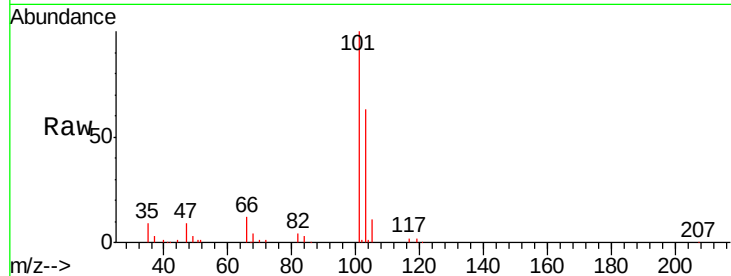
Trichlorofluoromethane
 Concen: 57.71 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW007057.D
 Acq: 26 Nov 2018 19:23

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

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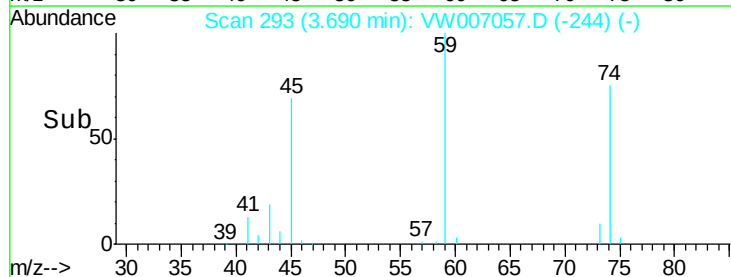
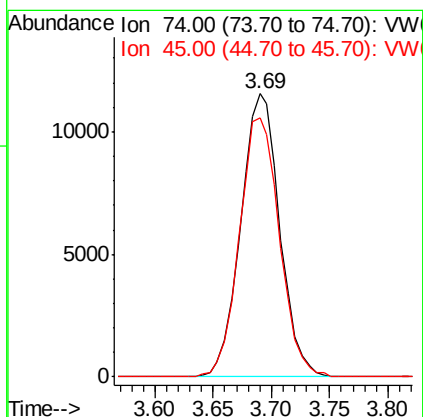
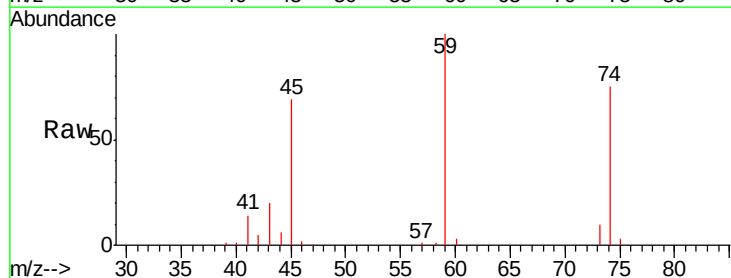
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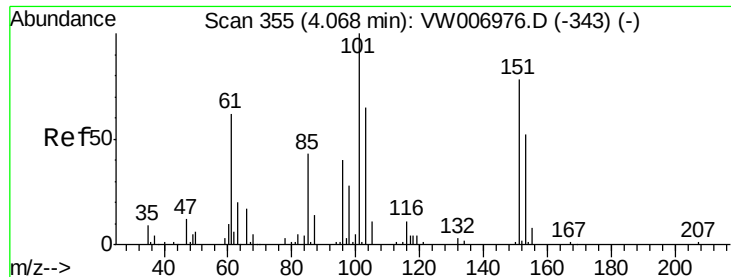


#8

Diethyl Ether
 Concen: 78.19 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: 36.52 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

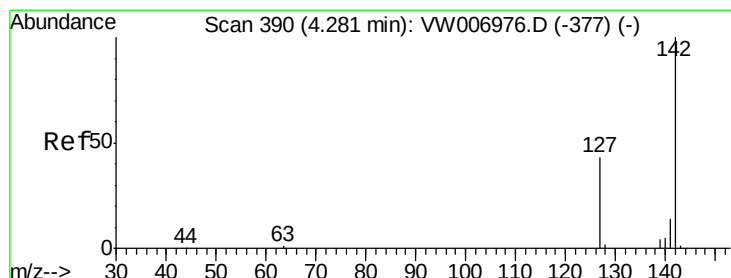
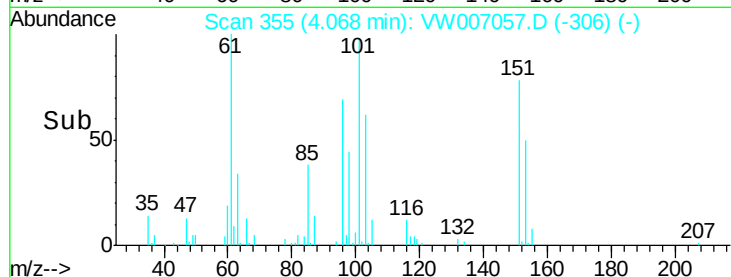
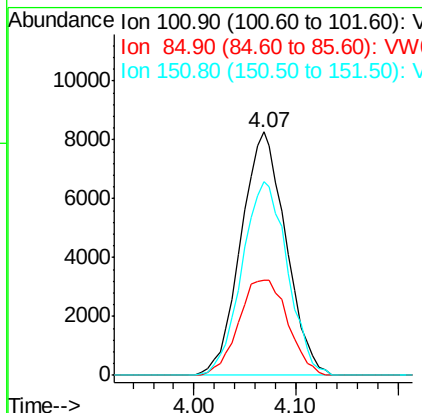
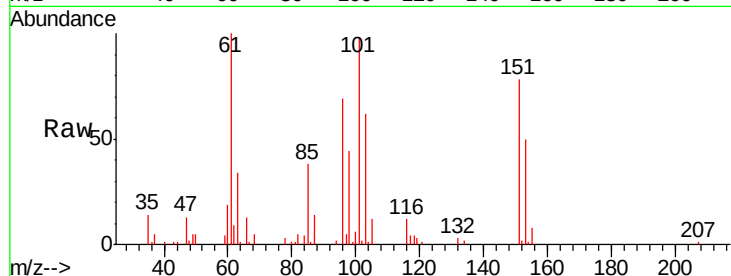
ClientSampleId :

NON-UST-03R-AMS

Tgt Ion:	101	Resp:	25235
Ion Ratio	Lower	Upper	
101	100		
85	42.8	34.3	51.5
151	80.7	63.4	95.2

Manual Integrations
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#10

Methyl Iodide

Concen: 63.52 ug/l

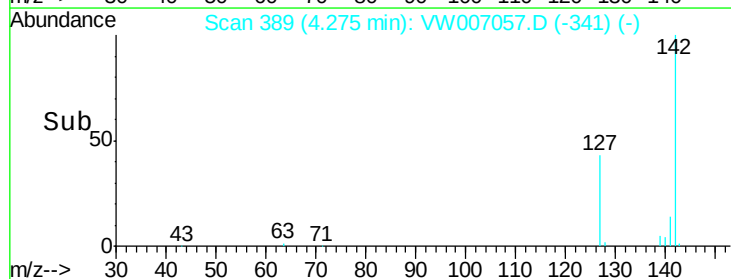
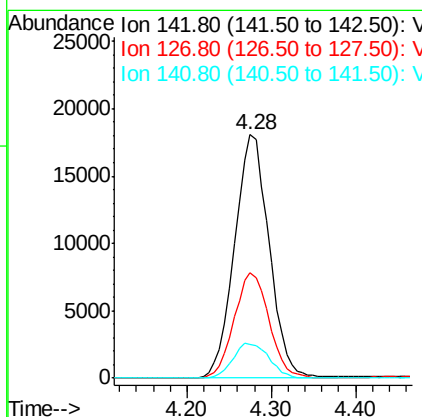
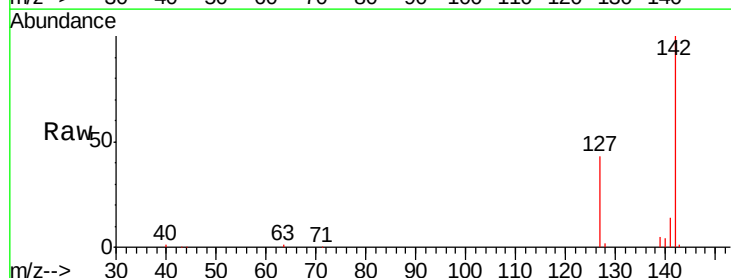
RT: 4.28 min Scan# 389

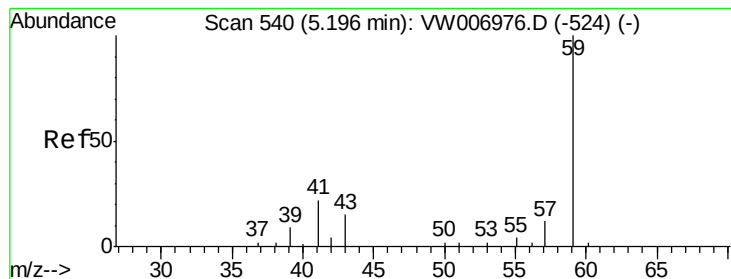
Delta R.T. -0.01 min

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





#11

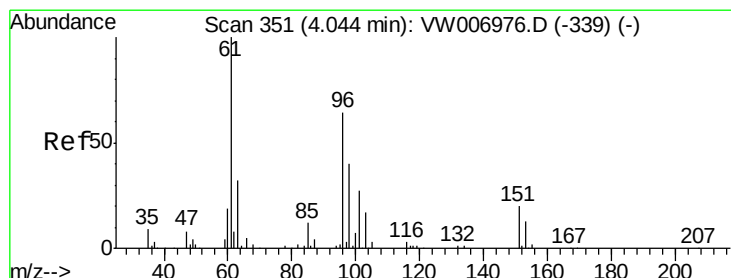
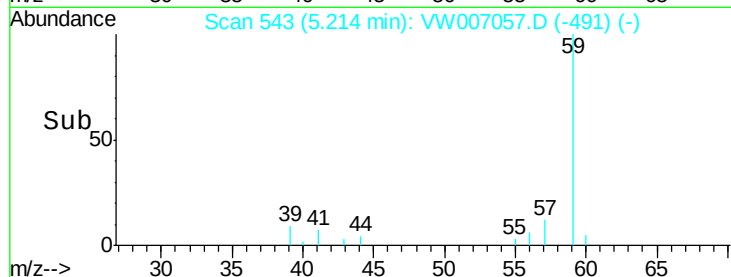
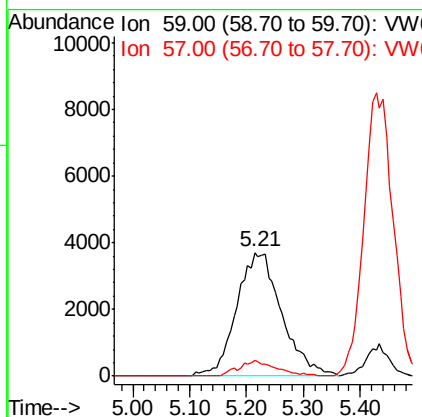
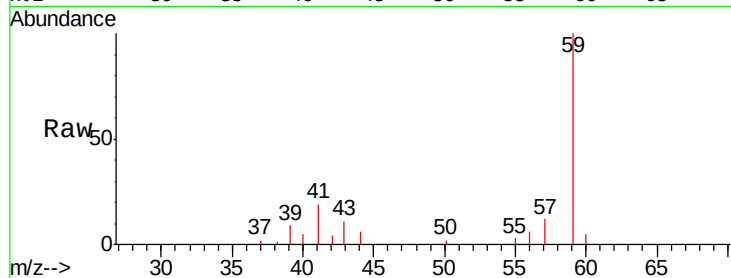
Tert butyl alcohol
 Concen: 478.27 ug/l
 RT: 5.21 min Scan# 543
 Delta R.T. 0.02 min
 Lab File: VW007057.D
 Acq: 26 Nov 2018 19:23

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

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.6	13.0

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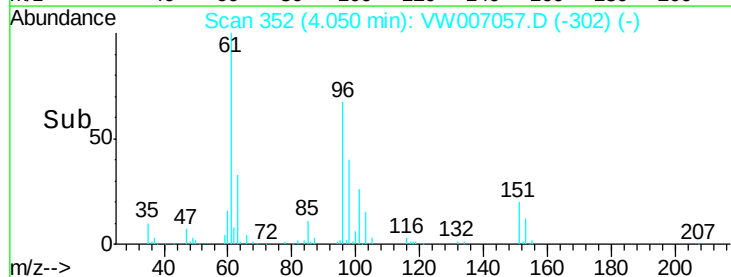
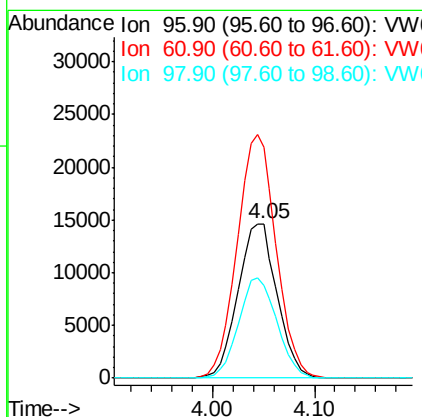
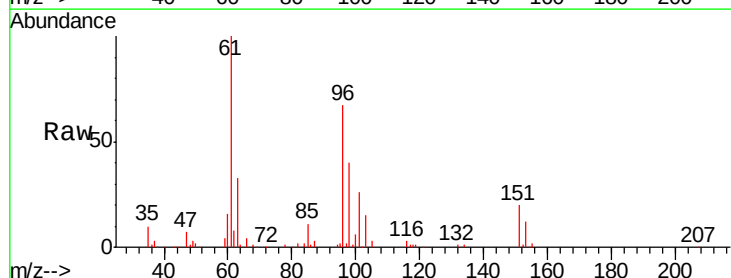
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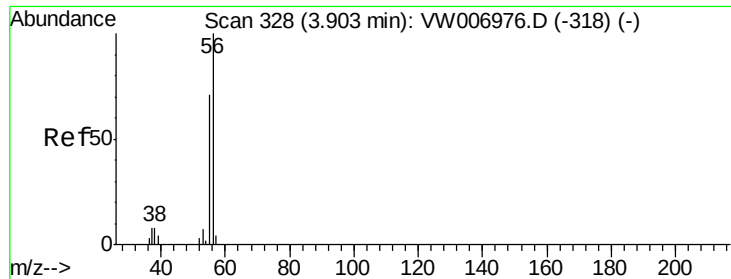


#12

1,1-Dichloroethene
 Concen: 64.32 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	Ratio	Lower	Upper
96	100		
61	149.3	124.3	186.5
98	59.5	49.4	74.2





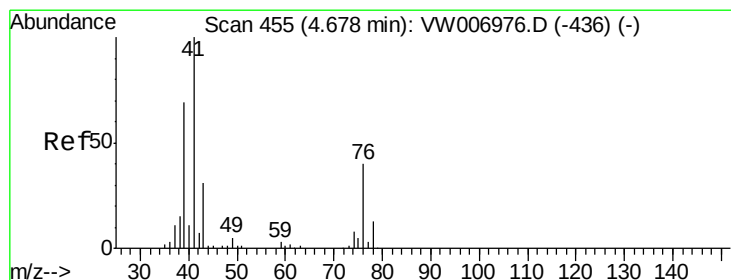
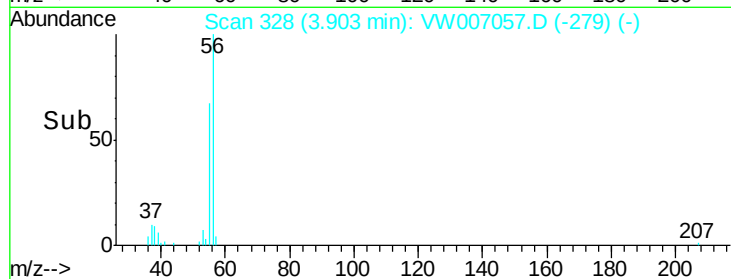
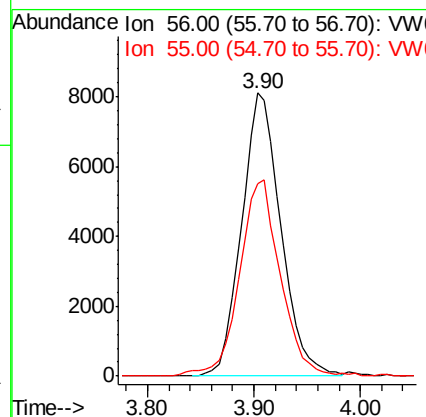
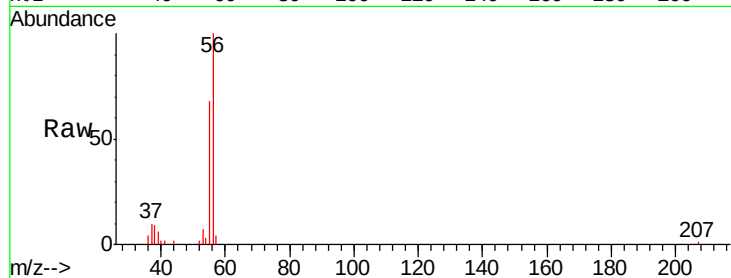
#13
Acrolein
Concen: 478.13 ug/l
RT: 3.90 min Scan# 328
Delta R.T. -0.00 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

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

Tgt Ion: 56 Resp: 20953
Ion Ratio Lower Upper
56 100
55 71.8 57.5 86.3

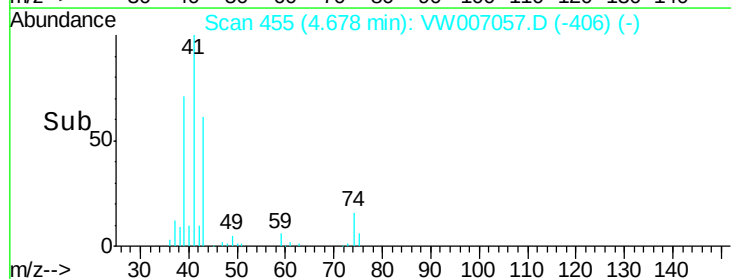
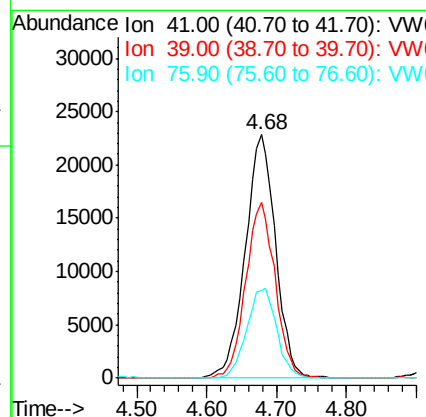
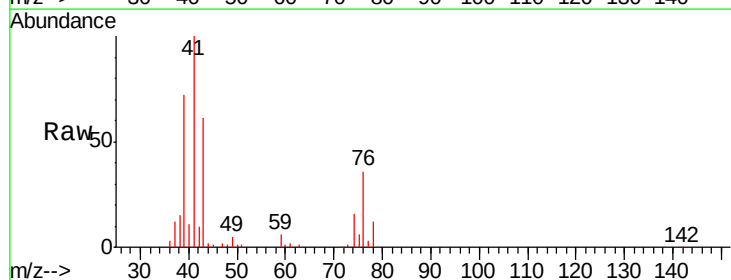
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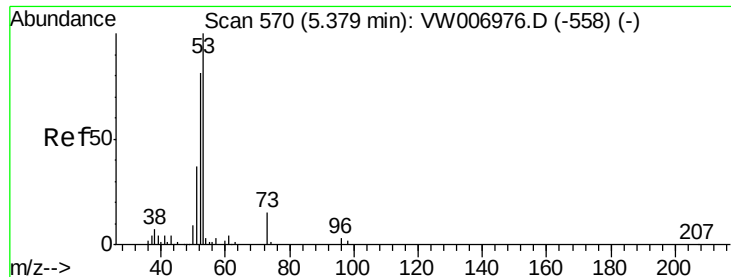
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#14
Allyl chloride
Concen: 68.36 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

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: 488.57 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

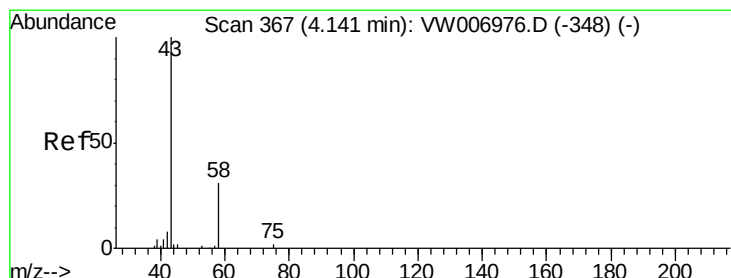
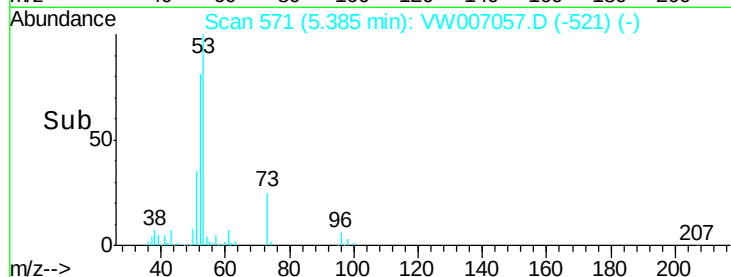
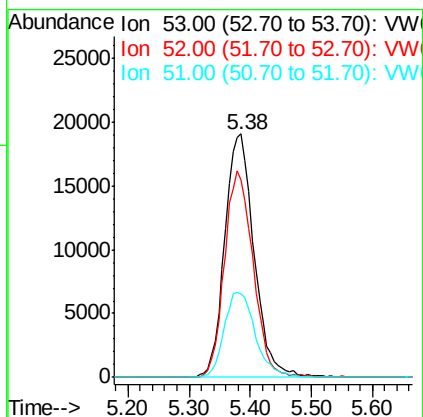
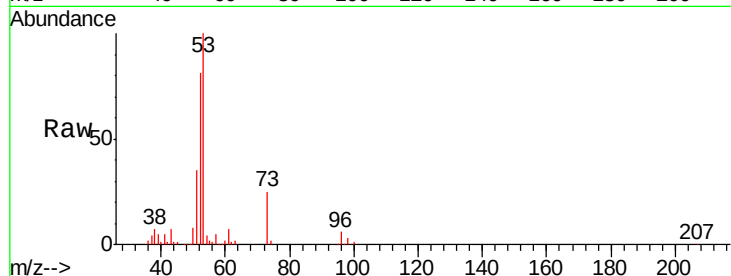
ClientSampleId :

NON-UST-03R-AMS

Tgt Ion:	53	Resp:	63065
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.7	98.5
51	37.3	29.9	44.9

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#16

Acetone

Concen: 492.36 ug/l

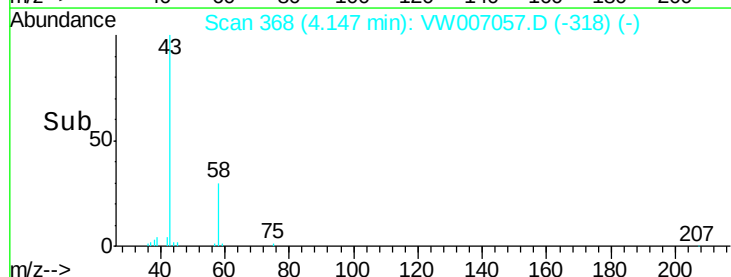
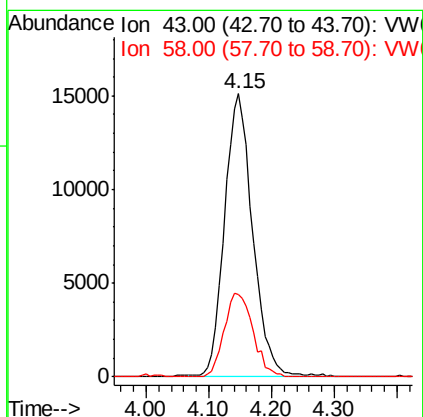
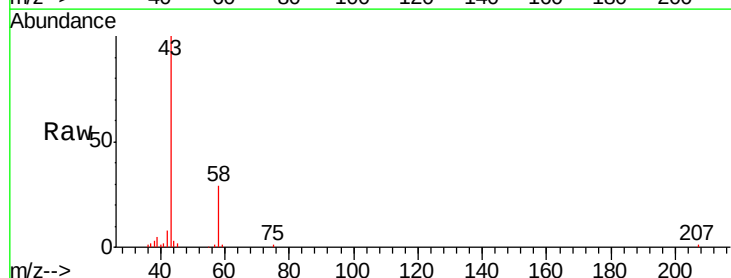
RT: 4.15 min Scan# 368

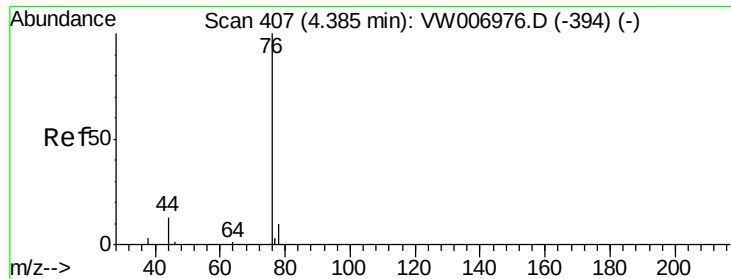
Delta R.T. 0.01 min

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





#17

Carbon Disulfide

Concen: 63.28 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

Tgt Ion: 76 Resp: 123988

Ion Ratio Lower Upper

76 100

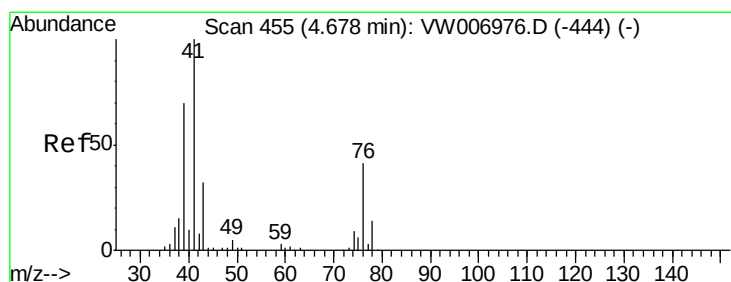
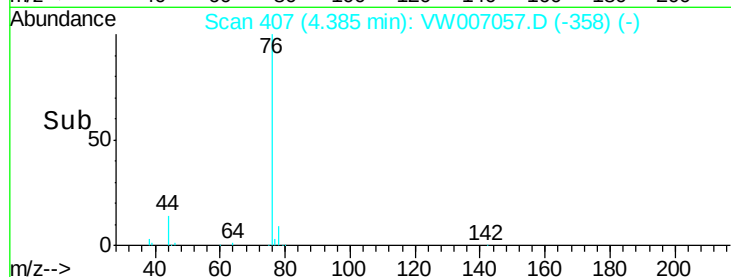
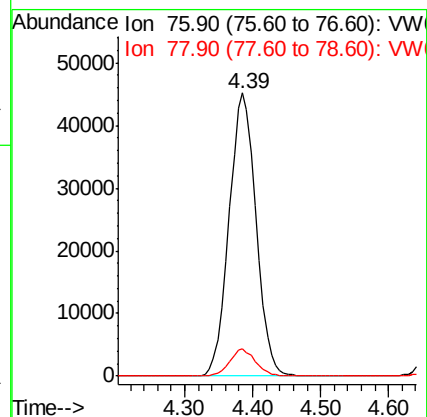
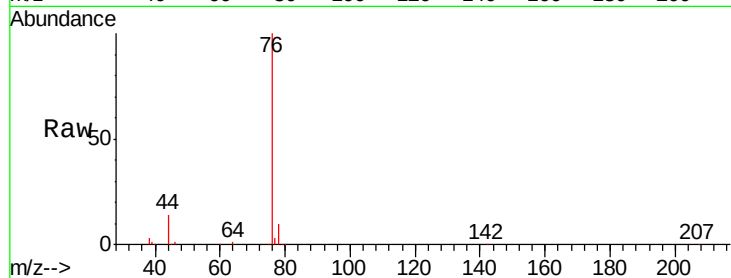
78 9.7 7.8 11.6

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#18

Methyl Acetate

Concen: 131.89 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW007057.D

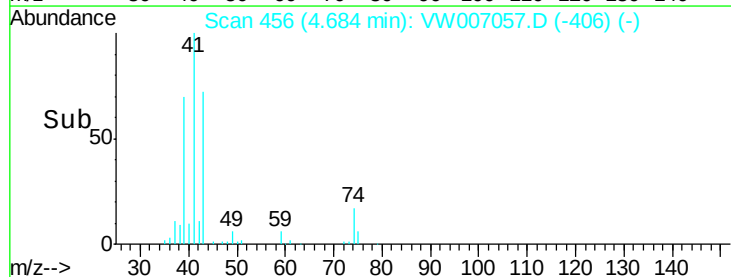
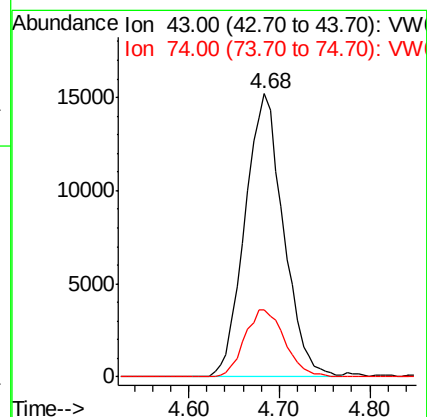
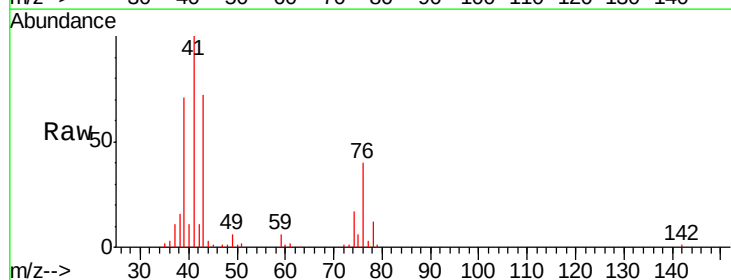
Acq: 26 Nov 2018 19:23

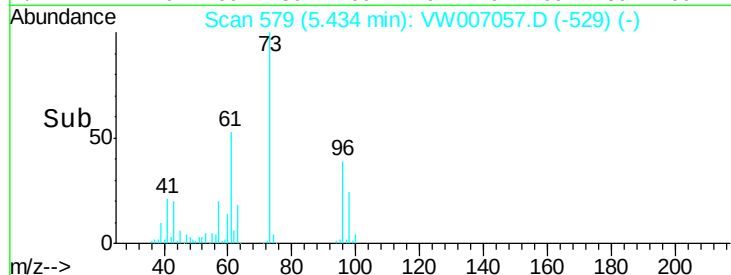
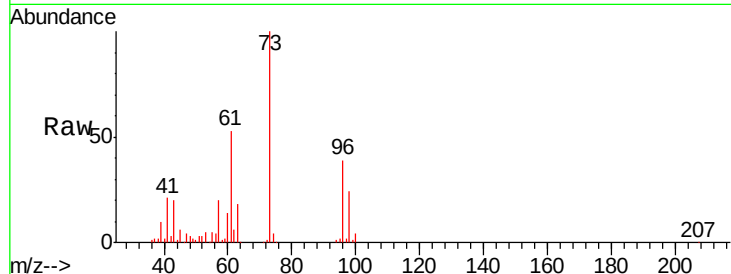
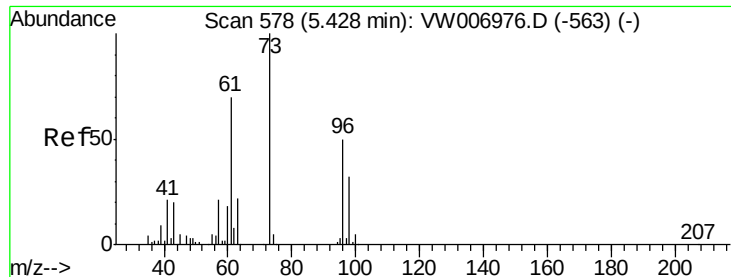
Tgt Ion: 43 Resp: 44699

Ion Ratio Lower Upper

43 100

74 24.6 20.1 30.1





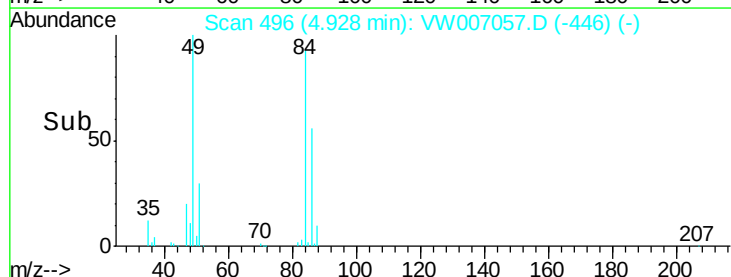
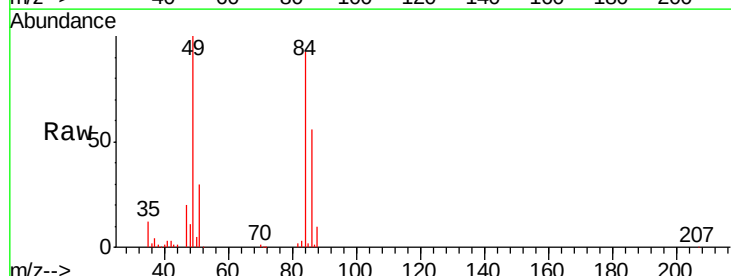
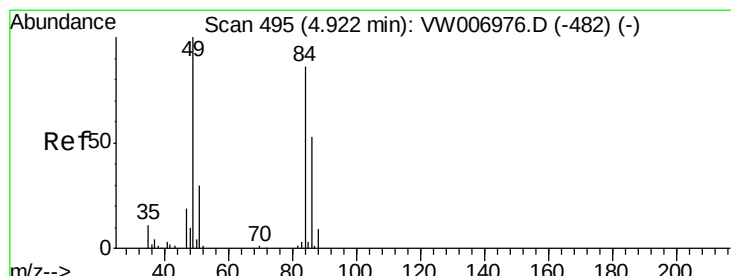
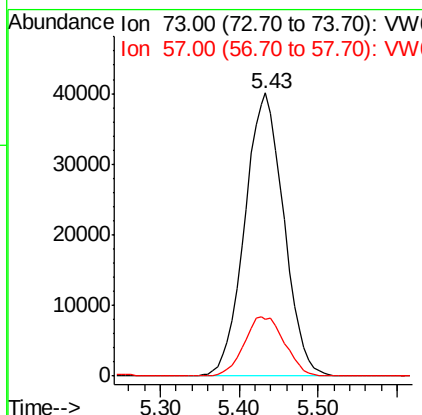
#19
Methyl tert-butyl Ether
Concen: 86.99 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

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

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

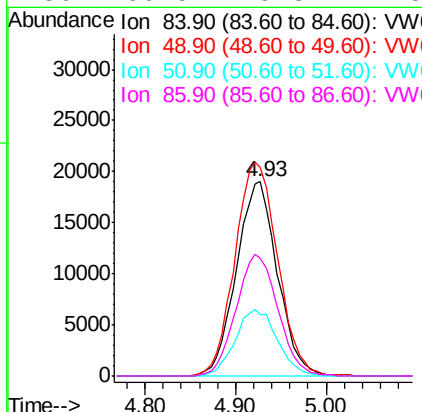
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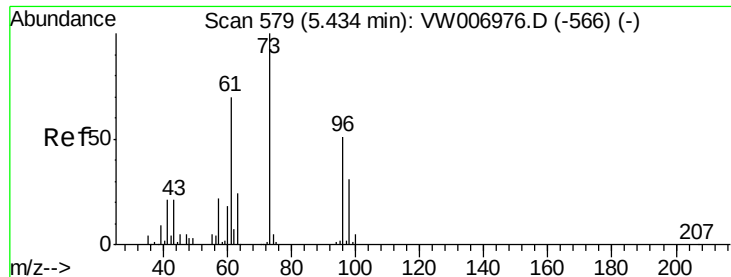
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#20
Methylene Chloride
Concen: 81.89 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

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: 66.29 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

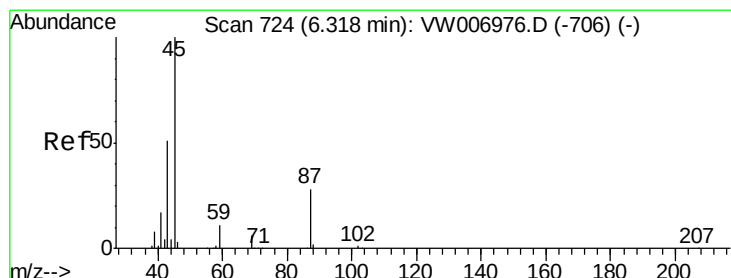
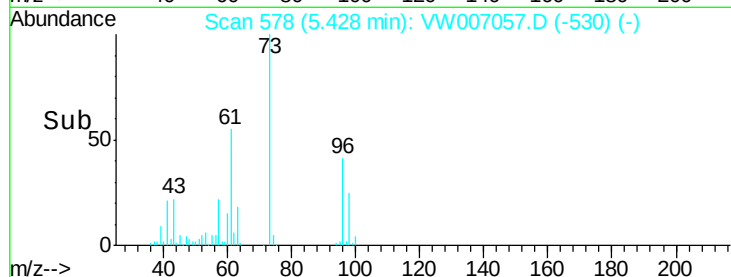
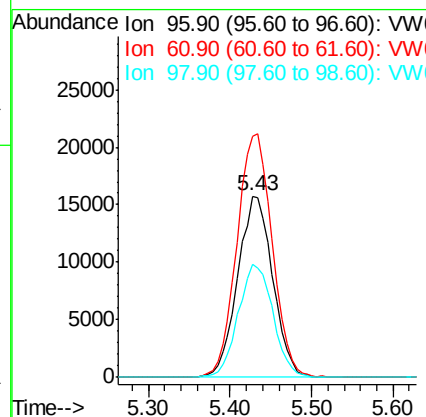
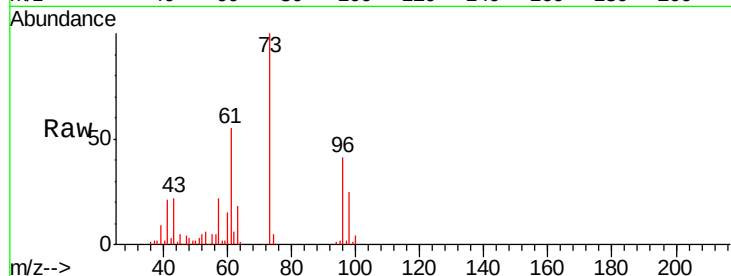
ClientSampleId :

NON-UST-03R-AMS

Tgt Ion:	96	Resp:	46799
Ion	Ratio	Lower	Upper
96	100		
61	133.2	109.4	164.0
98	62.2	48.3	72.5

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#22

Diisopropyl ether

Concen: 75.15 ug/l

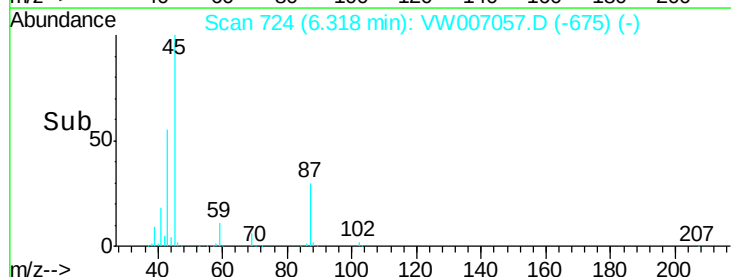
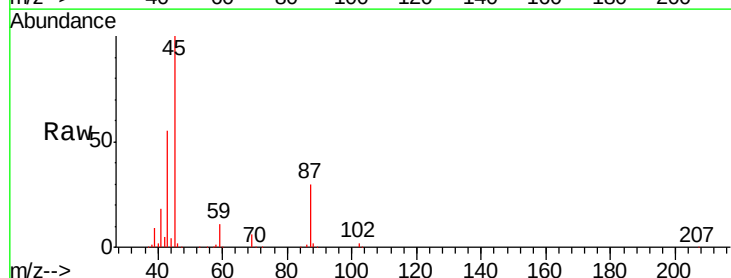
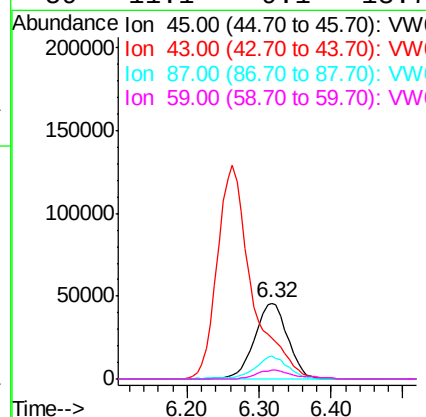
RT: 6.32 min Scan# 724

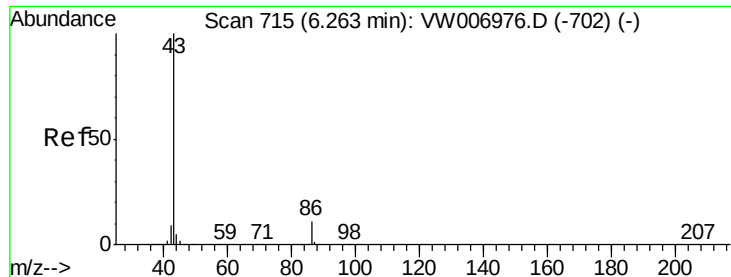
Delta R.T. -0.00 min

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: 413.56 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

Tgt Ion: 43 Resp: 429681

Ion Ratio Lower Upper

43 100

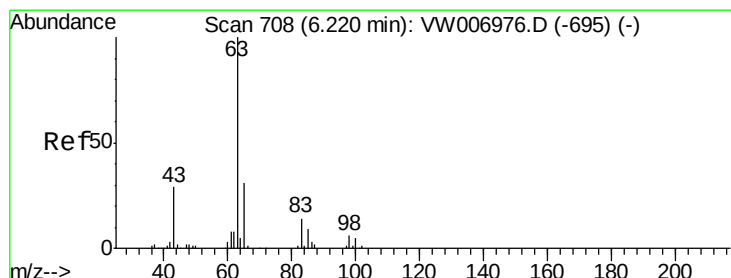
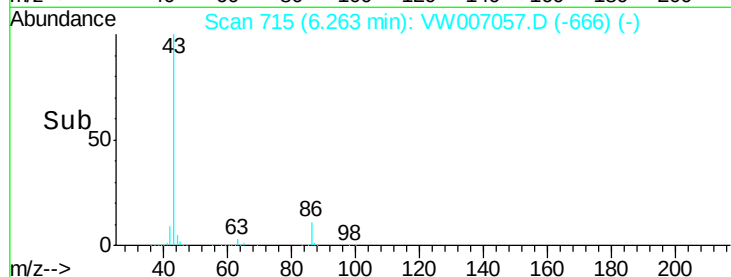
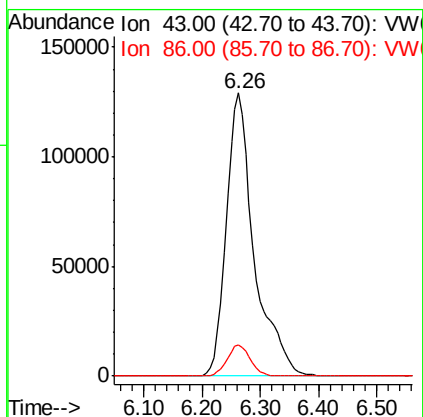
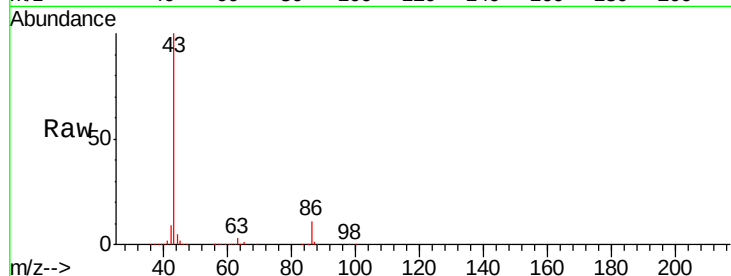
86 11.0 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 67.84 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW007057.D

Acq: 26 Nov 2018 19:23

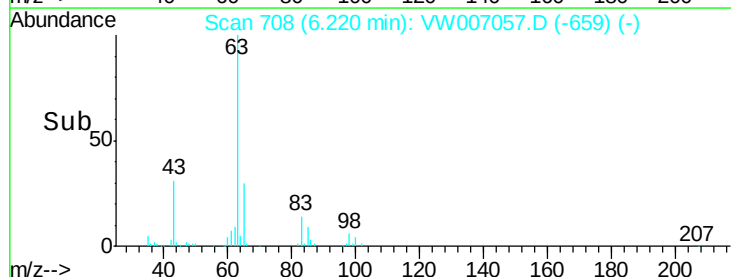
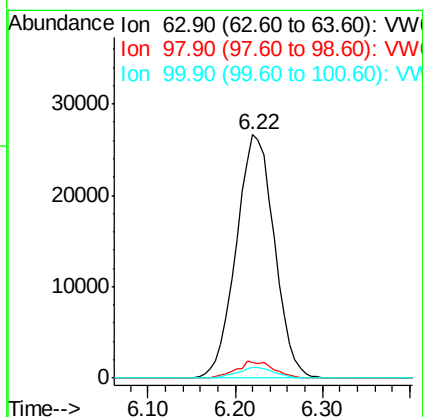
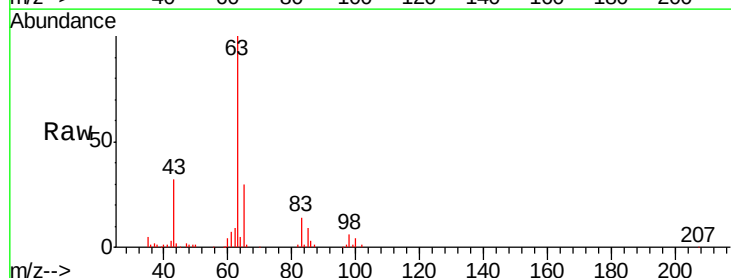
Tgt Ion: 63 Resp: 80746

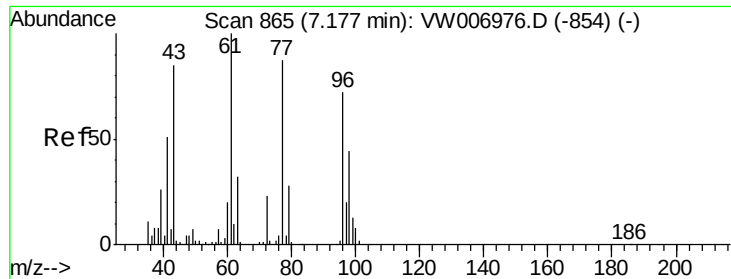
Ion Ratio Lower Upper

63 100

98 6.5 3.1 9.4

100 4.3 2.3 6.9





#25

2-Butanone

Concen: 477.43 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

Tgt Ion: 43 Resp: 77822

Ion Ratio Lower Upper

43 100

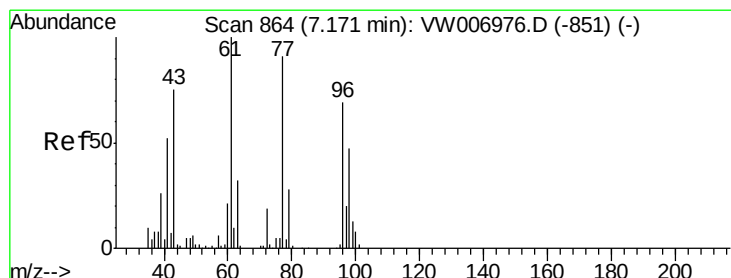
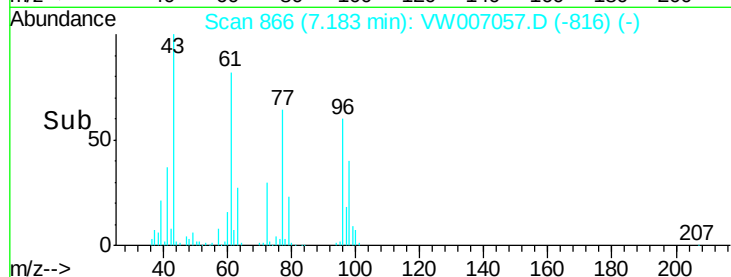
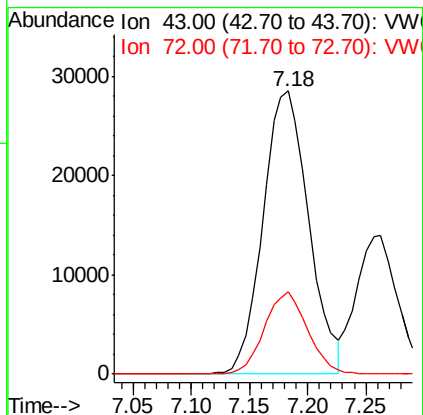
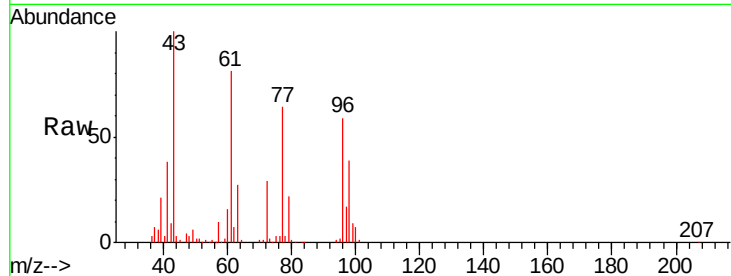
72 29.1 21.3 31.9

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#26

2,2-Dichloropropane

Concen: 60.25 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007057.D

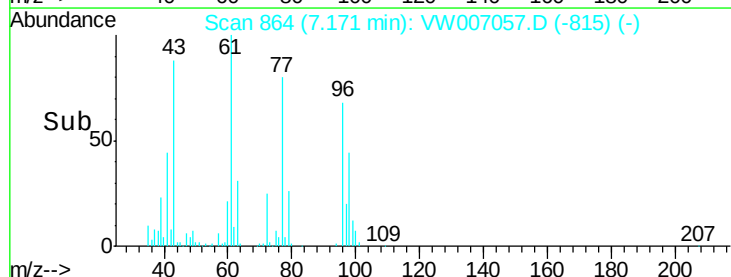
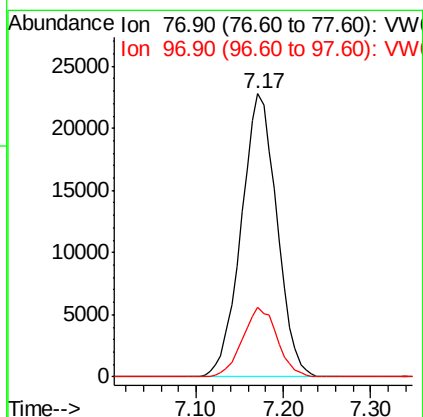
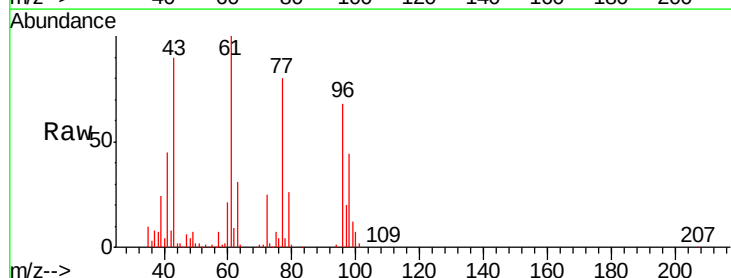
Acq: 26 Nov 2018 19:23

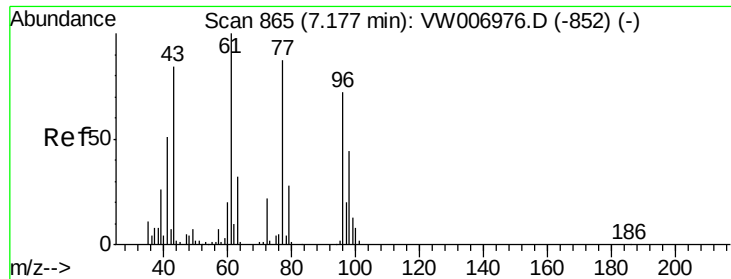
Tgt Ion: 77 Resp: 64484

Ion Ratio Lower Upper

77 100

97 24.1 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 69.57 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

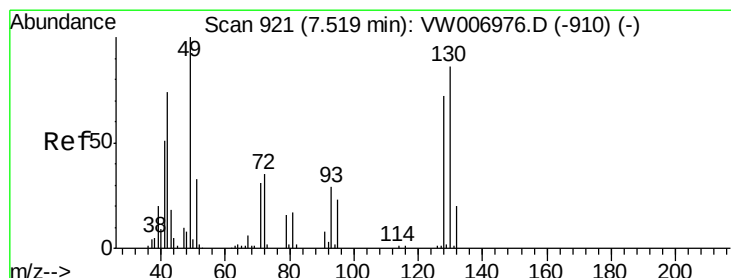
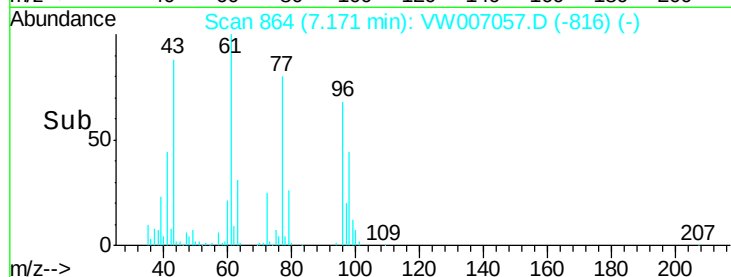
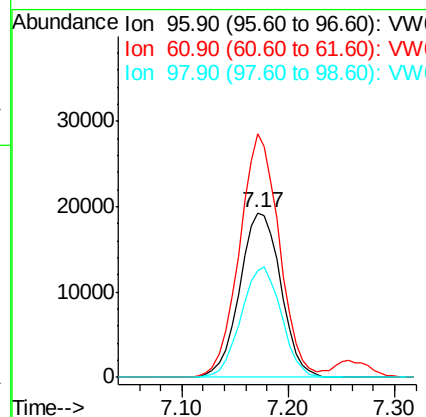
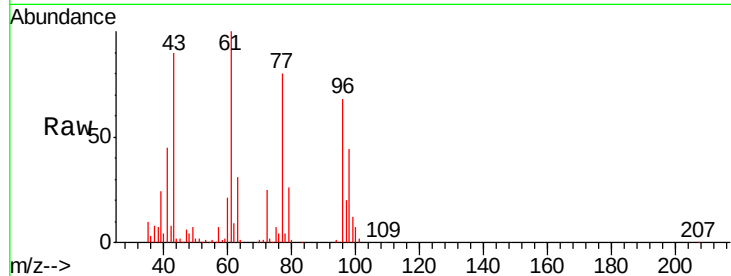
ClientSampleId :

NON-UST-03R-AMS

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

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#28

Bromochloromethane

Concen: 77.69 ug/l

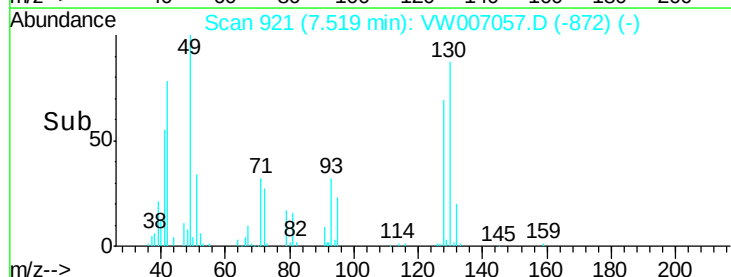
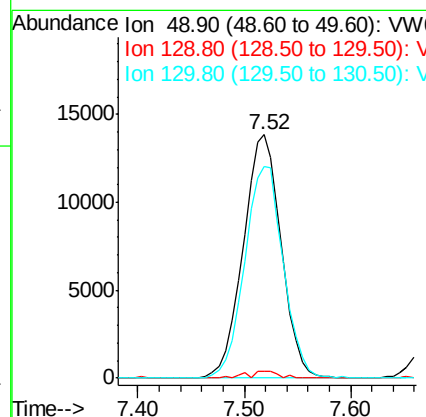
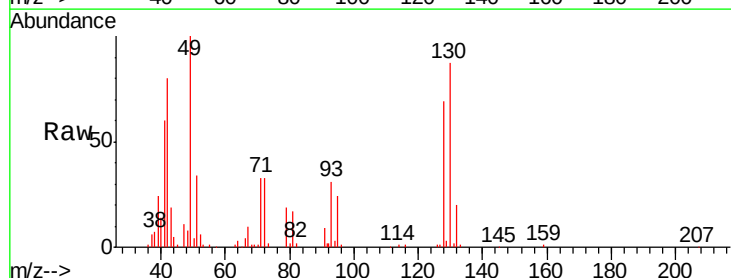
RT: 7.52 min Scan# 921

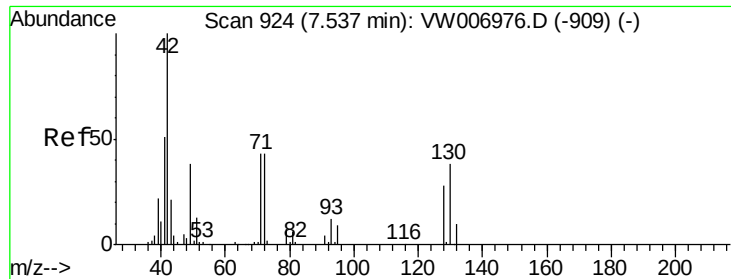
Delta R.T. -0.00 min

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





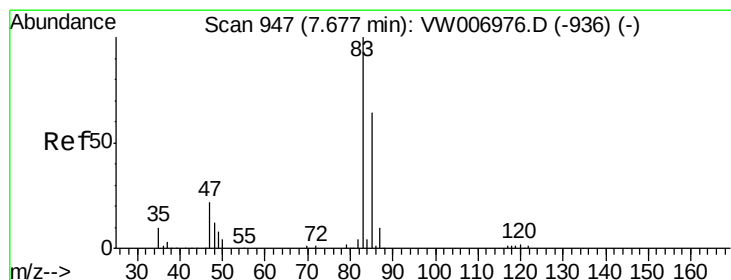
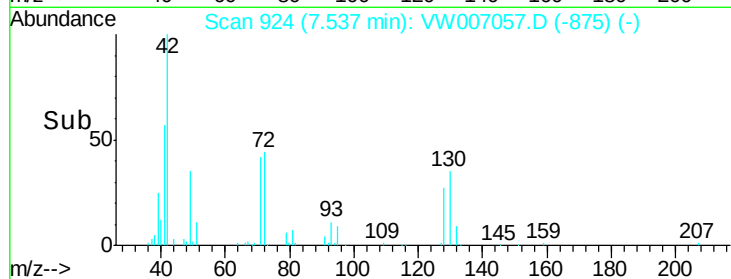
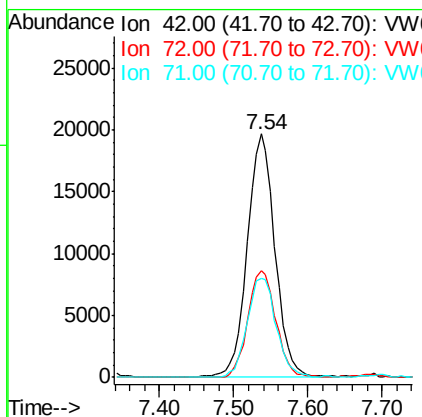
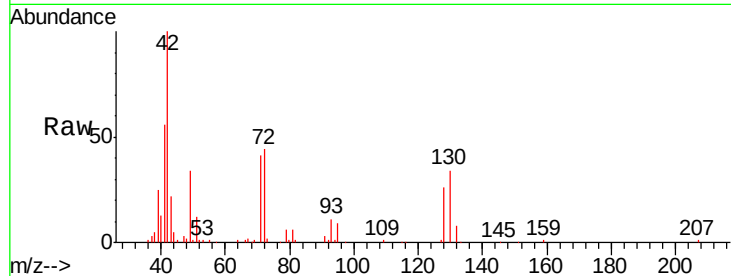
#29
Tetrahydrofuran
Concen: 487.78 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

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

Tgt Ion	Ratio	Lower	Upper
42	100		
72	44.2	36.2	54.4
71	42.7	33.8	50.8

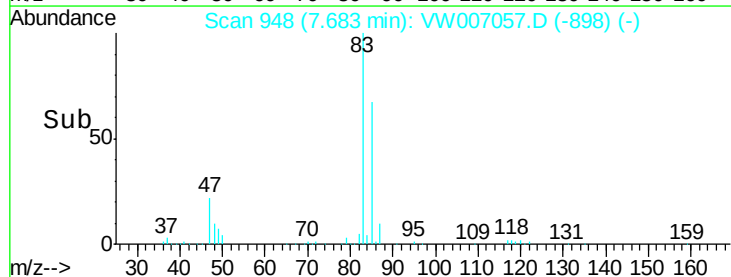
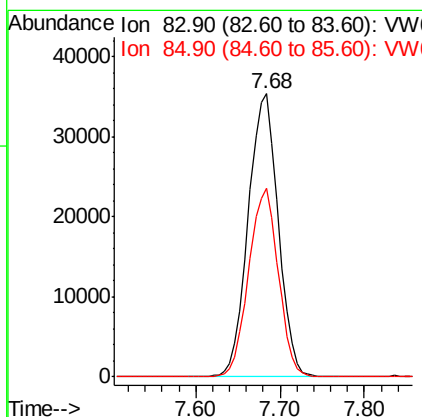
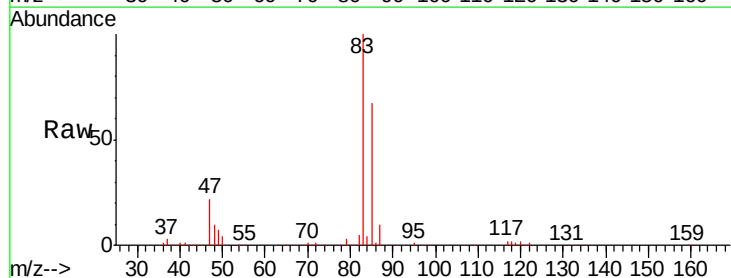
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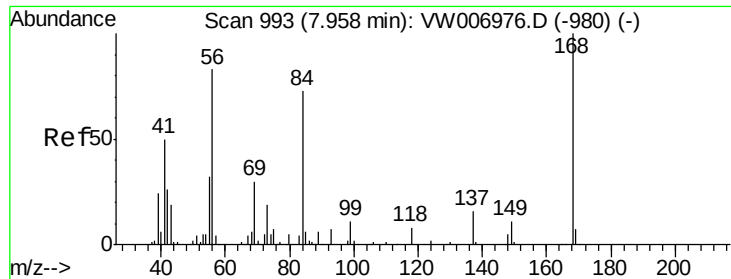
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#30
Chloroform
Concen: 67.55 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.7	50.9	76.3





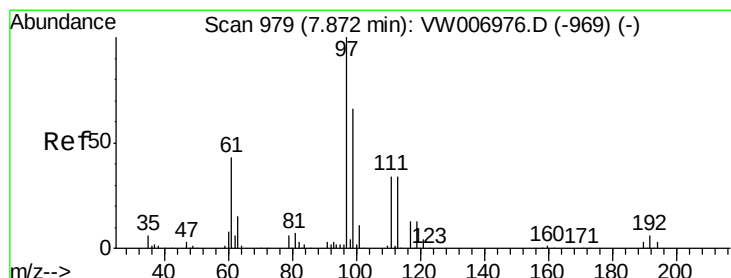
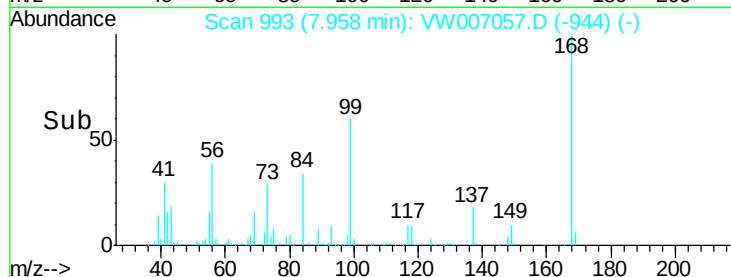
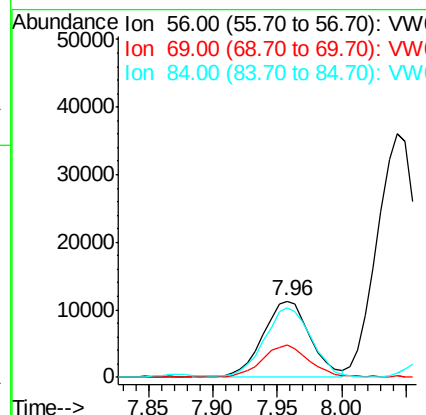
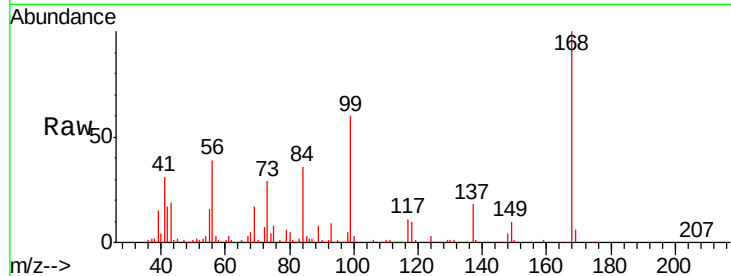
#31
Cyclohexane
Concen: 22.93 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

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

Tgt Ion	Ratio	Lower	Upper
56	100		
69	41.1	29.1	43.7
84	88.0	70.6	105.8

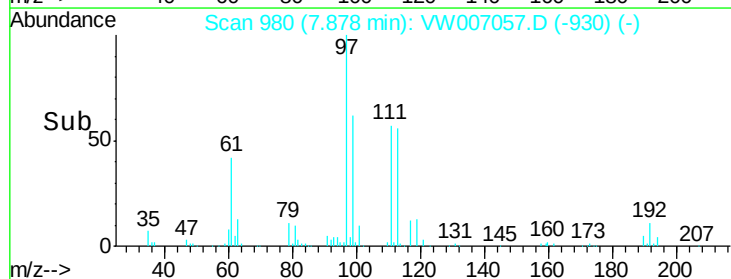
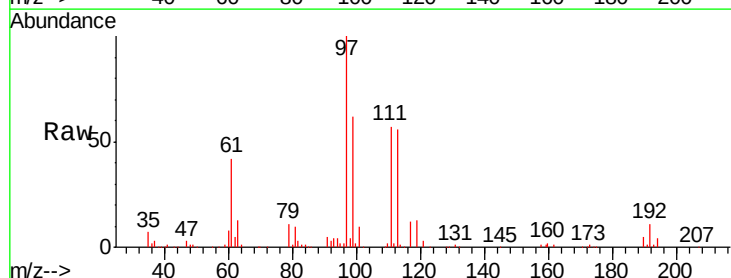
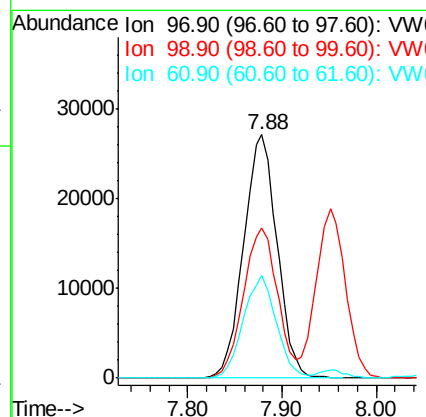
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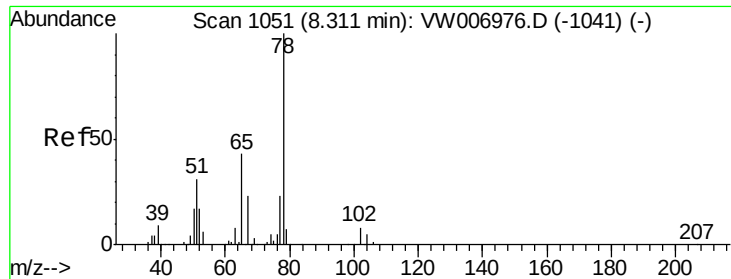
apatel
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#32
1,1,1-Trichloroethane
Concen: 58.84 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.8	51.9	77.9
61	41.4	33.4	50.2





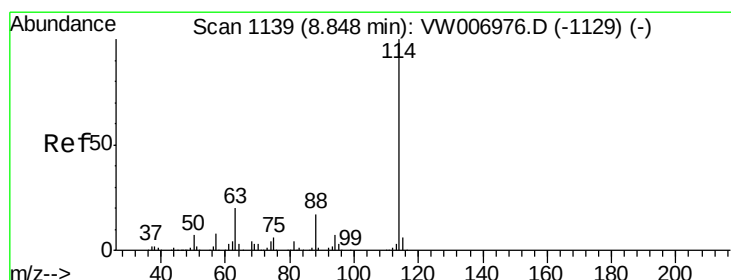
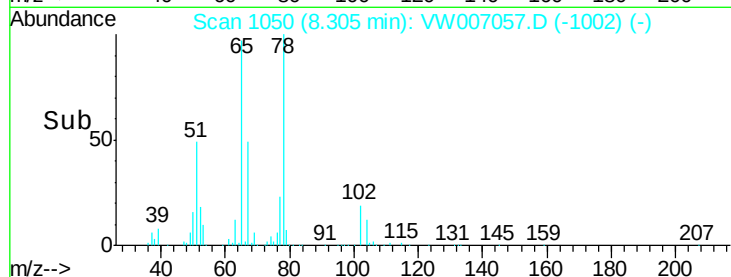
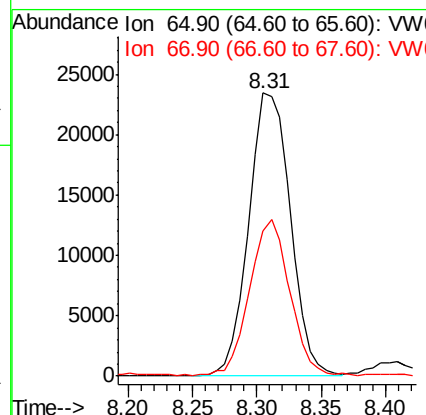
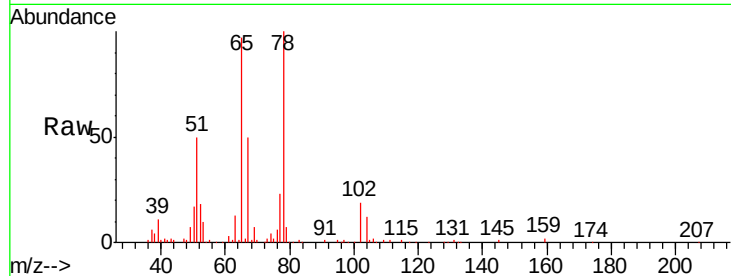
#33
 1,2-Dichloroethane-d4
 Concen: 80.30 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW007057.D
 Acq: 26 Nov 2018 19:23

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

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

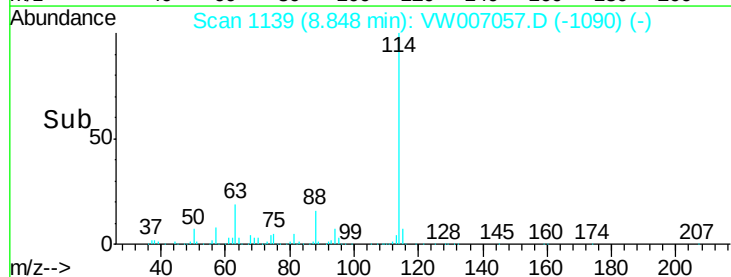
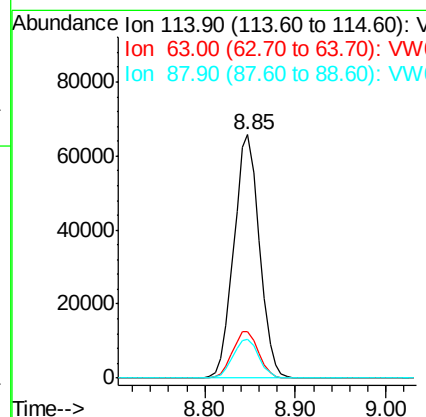
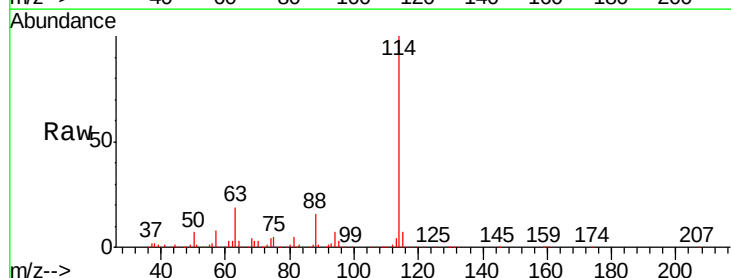
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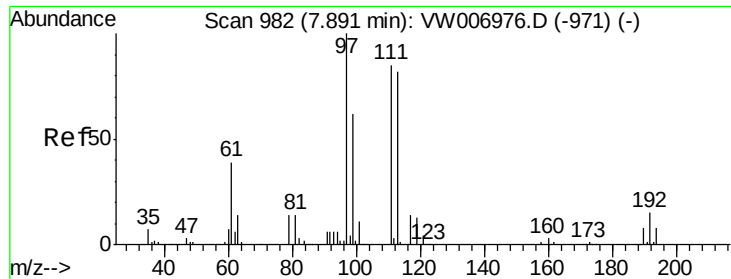
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007057.D
 Acq: 26 Nov 2018 19:23

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





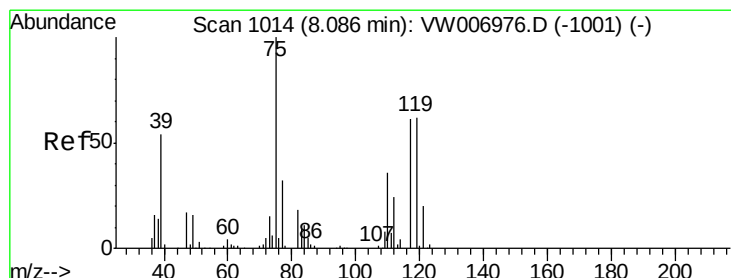
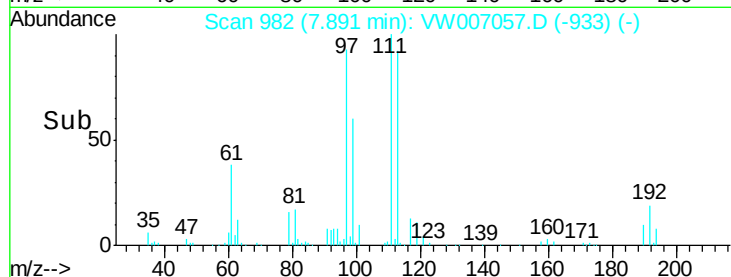
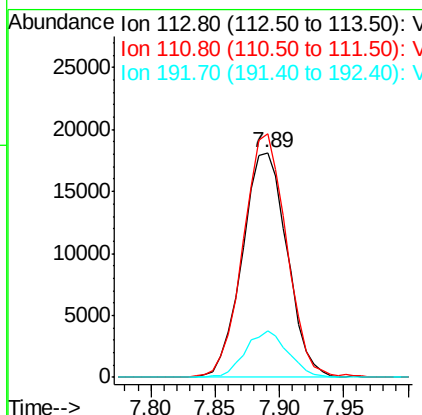
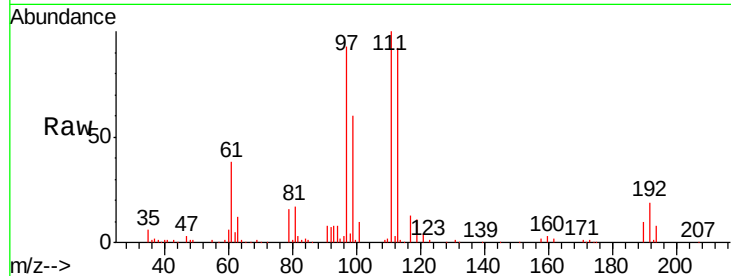
#35
Dibromofluoromethane
Concen: 59.77 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

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

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	43534		
111	104.8	81.0	121.6	
192	19.7	15.0	22.6	

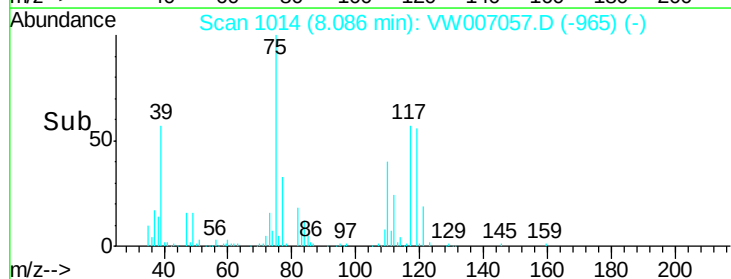
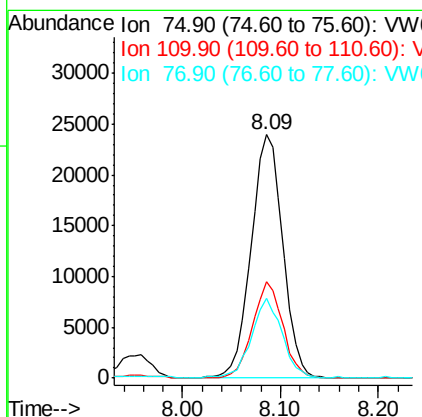
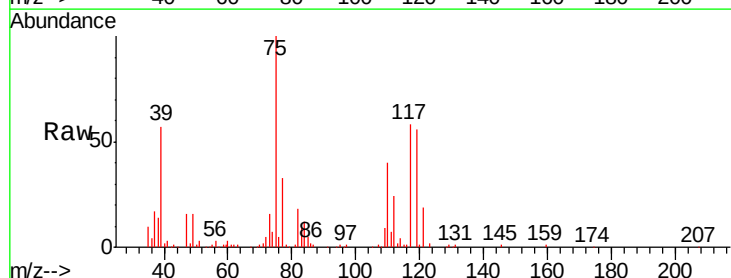
Manual Integrations
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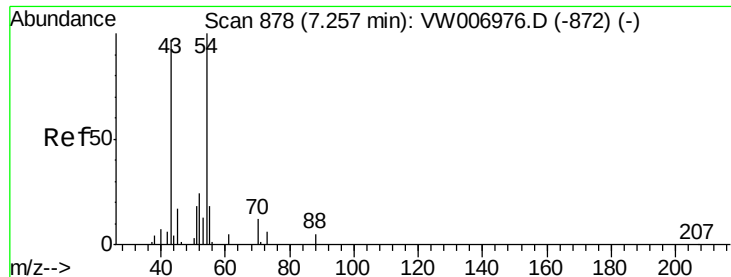
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#36
1,1-Dichloropropene
Concen: 43.06 ug/l
RT: 8.09 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	54262		
110	37.5	18.0	54.0	
77	31.8	24.9	37.3	





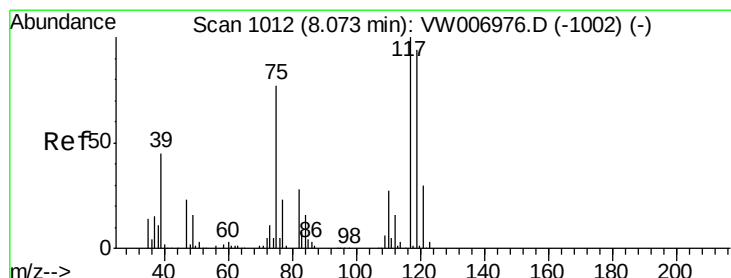
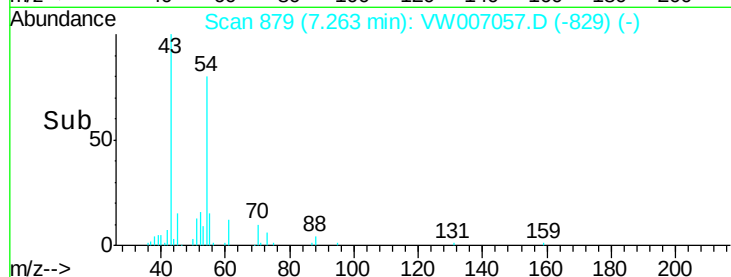
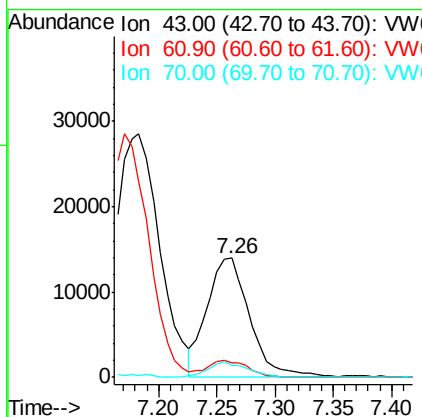
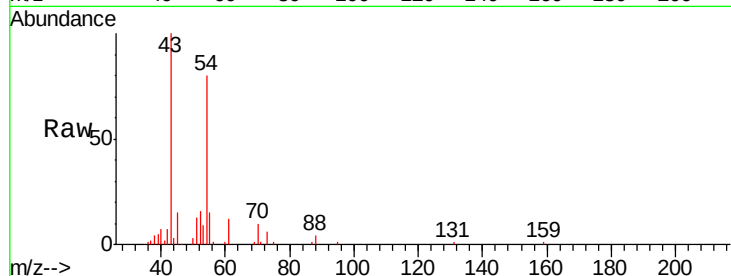
#37
Ethyl Acetate
Concen: 76.44 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

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

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.4	15.6
70	12.0	8.8	13.2

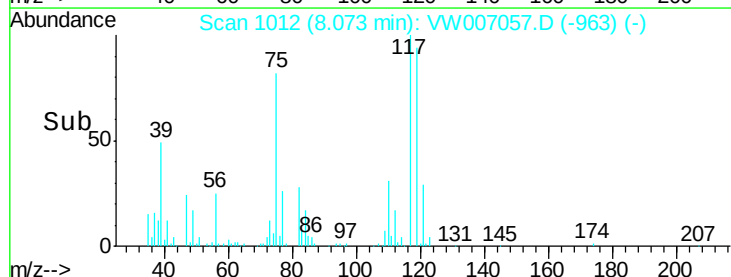
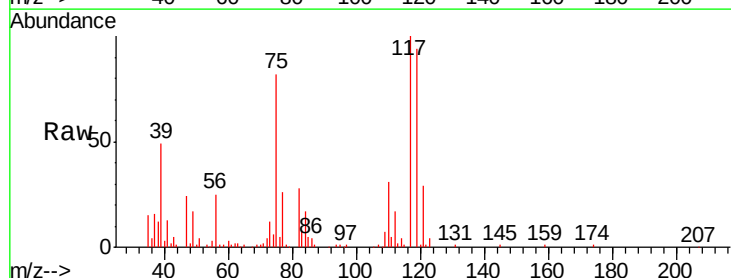
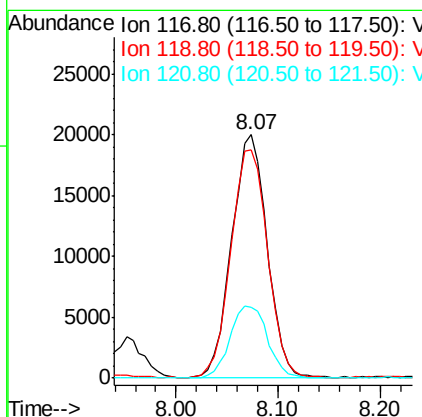
Manual Integrations
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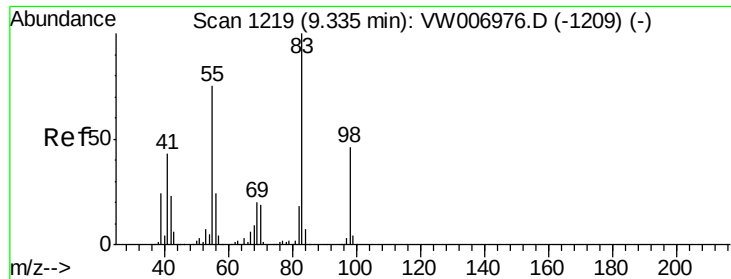
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#38
Carbon Tetrachloride
Concen: 40.10 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

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





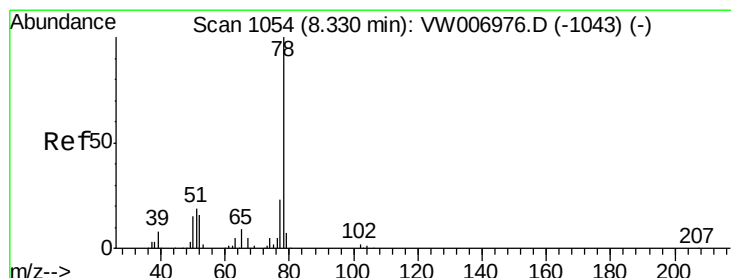
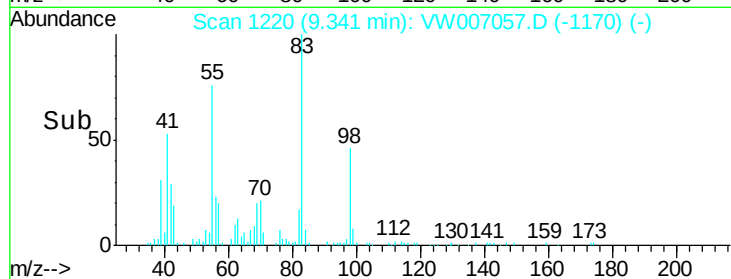
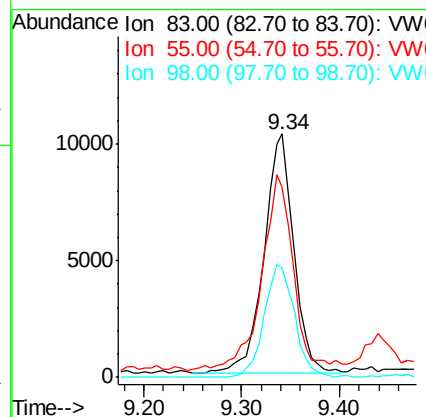
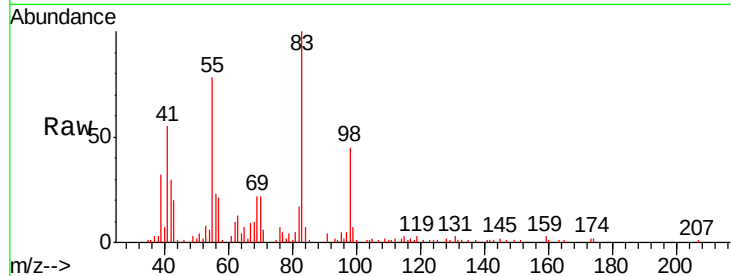
#39
Methylcyclohexane
Concen: 13.83 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.01 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

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

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.4	59.6	89.4
98	45.7	37.1	55.7

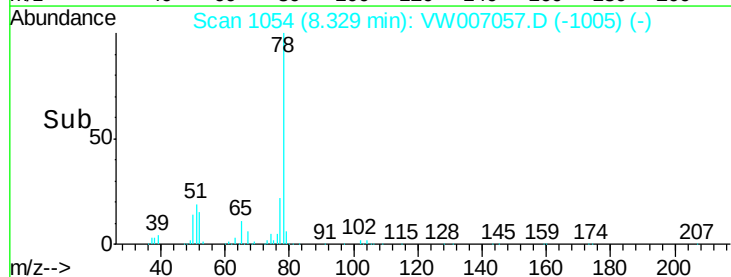
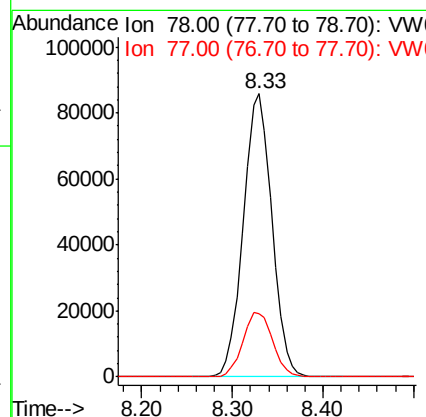
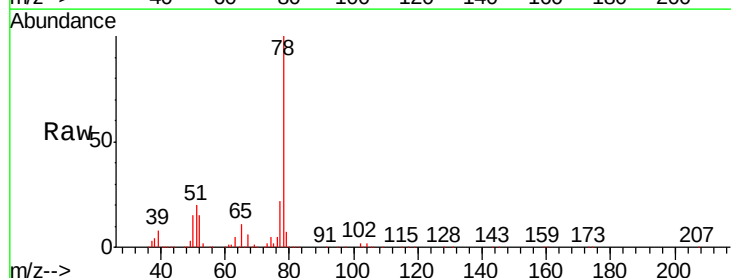
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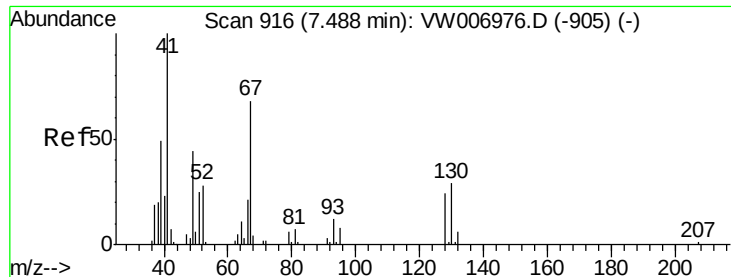
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#40
Benzene
Concen: 55.04 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.1	18.6	28.0





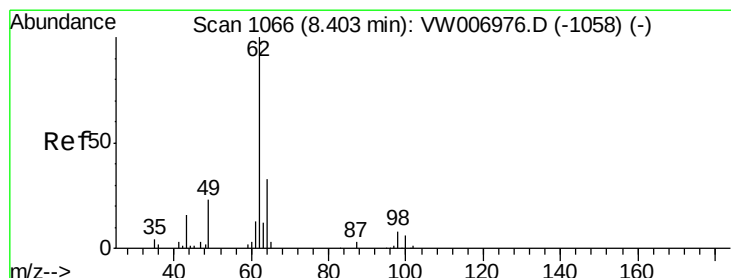
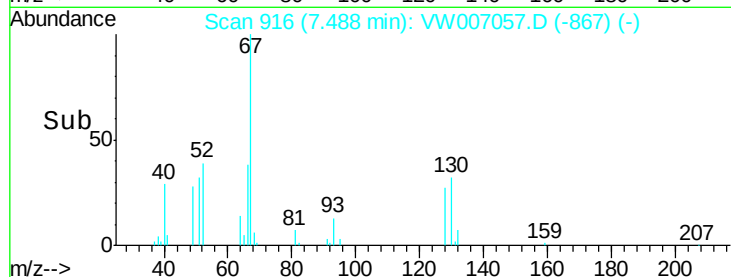
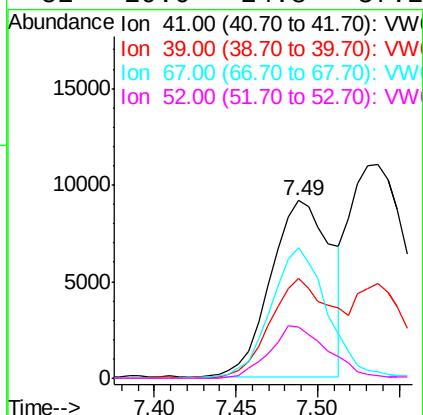
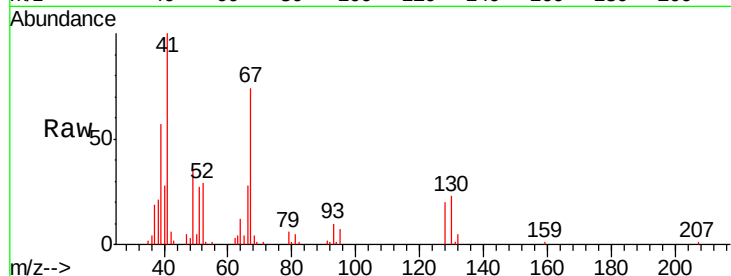
#41
Methacrylonitrile
Concen: 82.75 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

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

Tgt 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

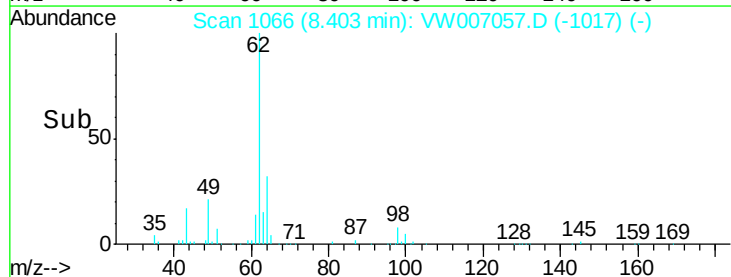
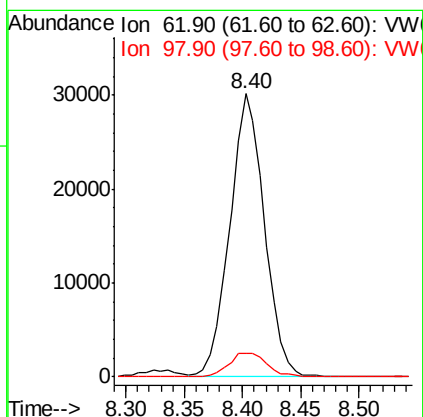
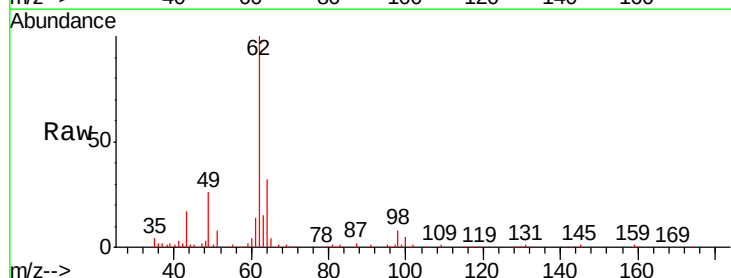
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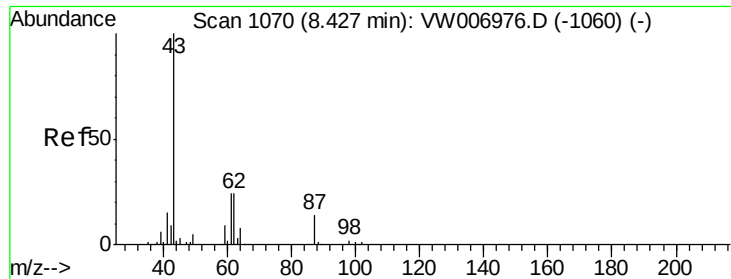
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#42
1,2-Dichloroethane
Concen: 63.00 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.6





#43

Isopropyl Acetate

Concen: 80.17 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

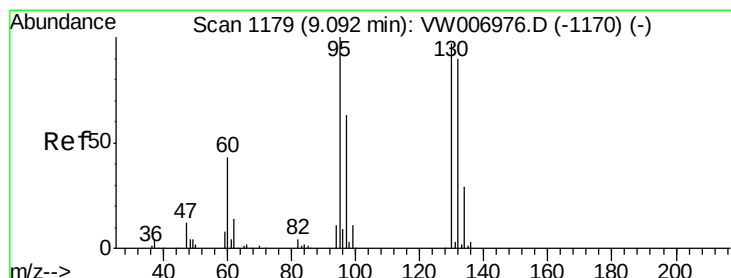
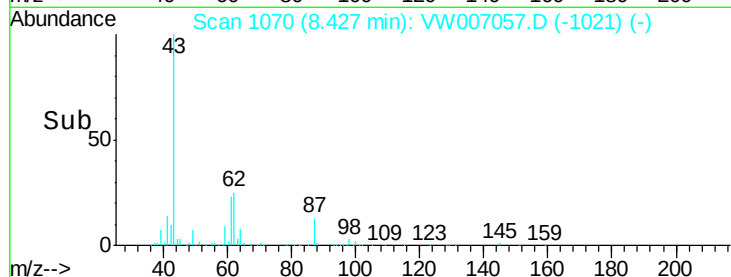
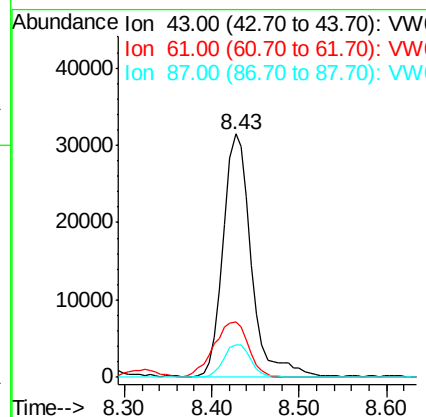
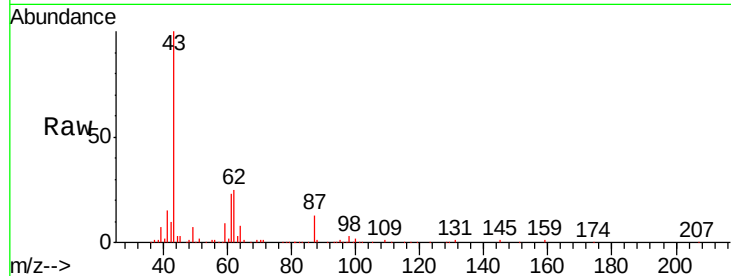
ClientSampleId :

NON-UST-03R-AMS

Tgt Ion:	43	Resp:	69774
Ion	Ratio	Lower	Upper
43	100		
61	28.5	26.1	39.1
87	13.2	11.2	16.8

Manual Integrations
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#44

Trichloroethene

Concen: 47.20 ug/l

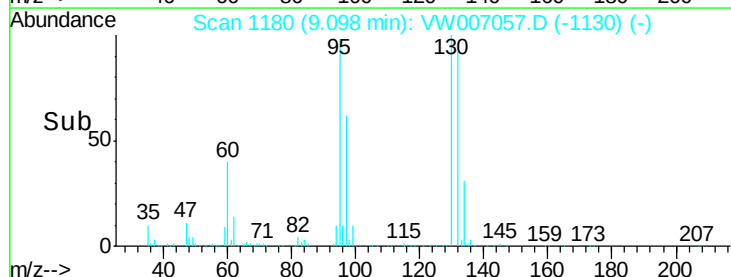
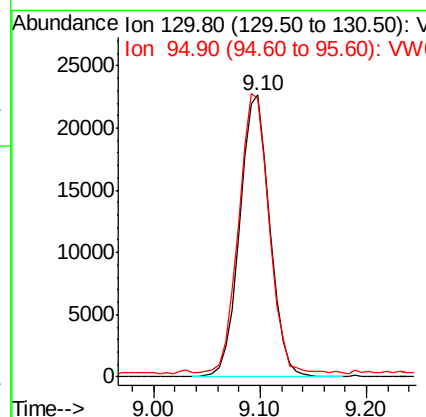
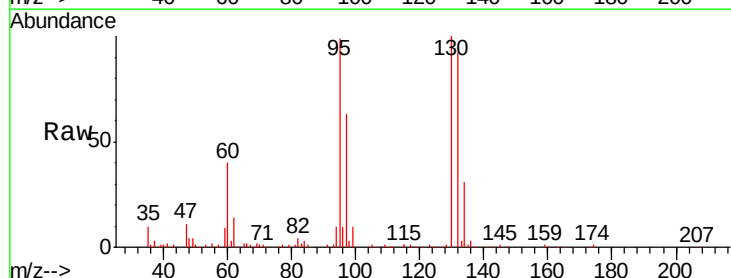
RT: 9.10 min Scan# 1180

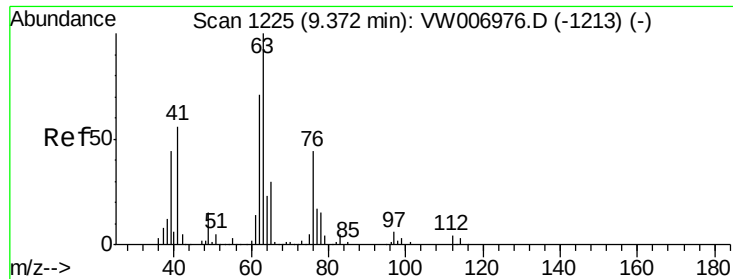
Delta R.T. 0.01 min

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





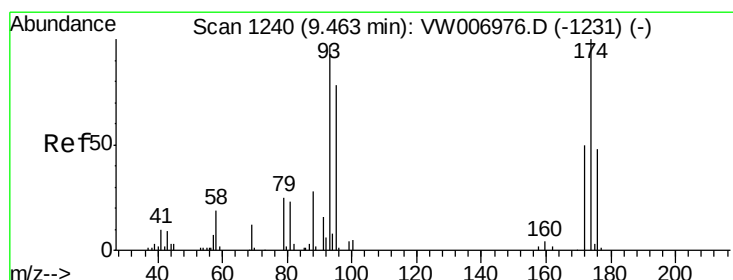
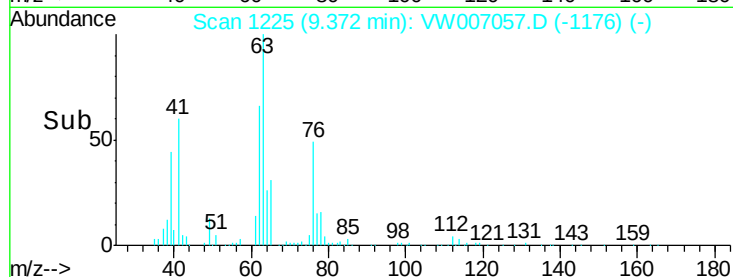
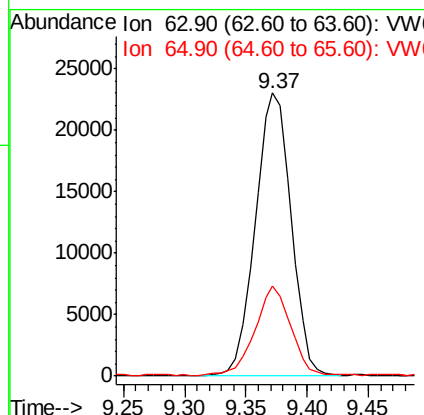
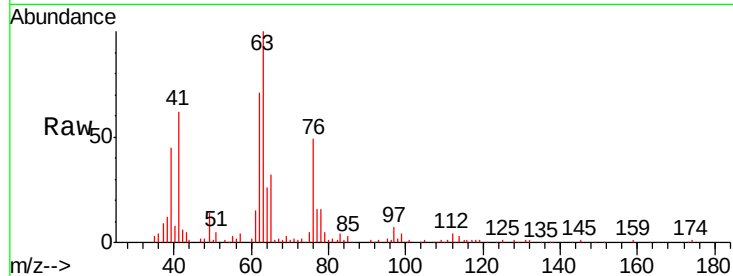
#45
 1,2-Dichloropropane
 Concen: 55.99 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW007057.D
 Acq: 26 Nov 2018 19:23

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

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

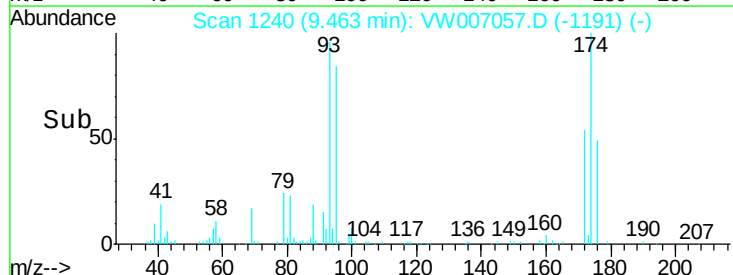
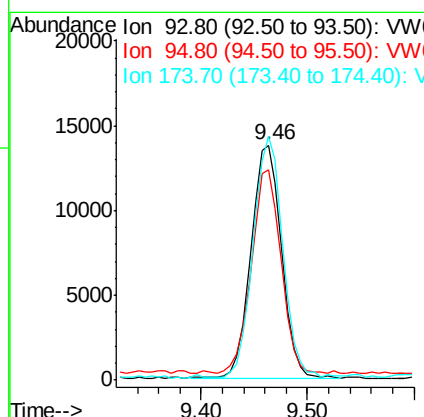
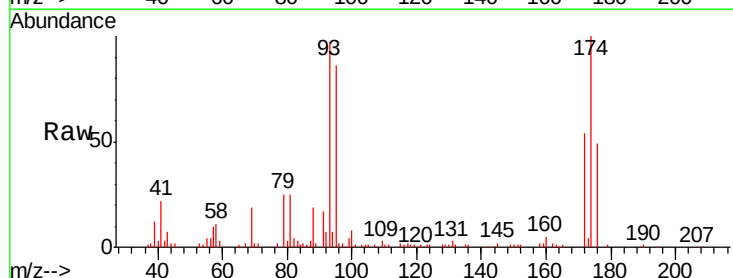
Manual Integrations
 APPROVED

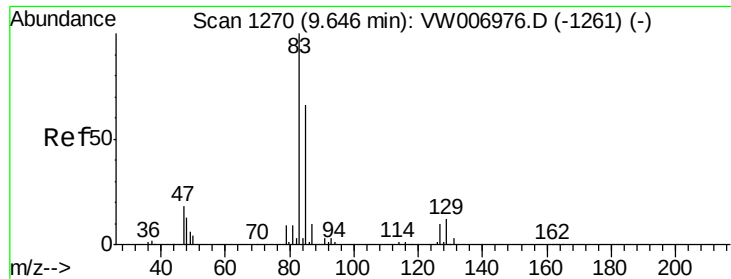
apatel
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#46
 Dibromomethane
 Concen: 65.78 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW007057.D
 Acq: 26 Nov 2018 19:23

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: 58.24 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

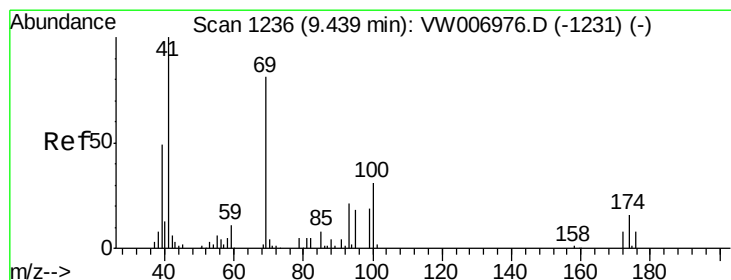
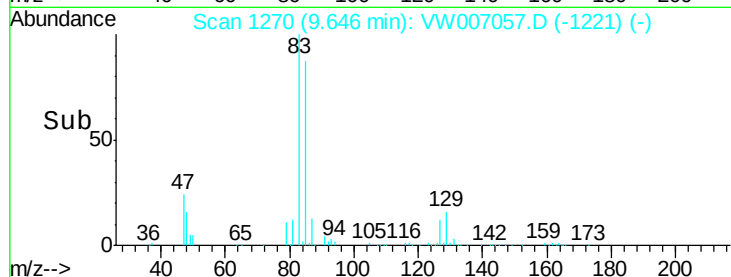
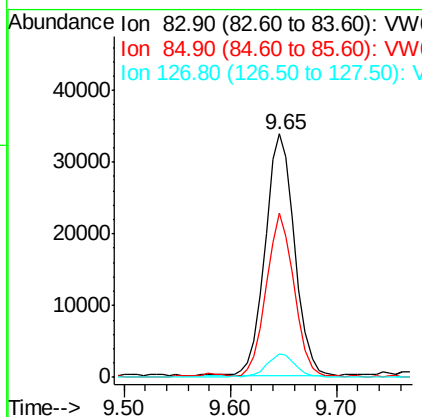
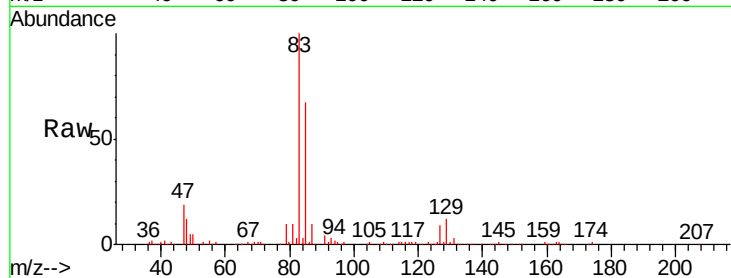
ClientSampleId :

NON-UST-03R-AMS

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

Manual Integrations
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#48

Methyl methacrylate

Concen: 83.94 ug/l

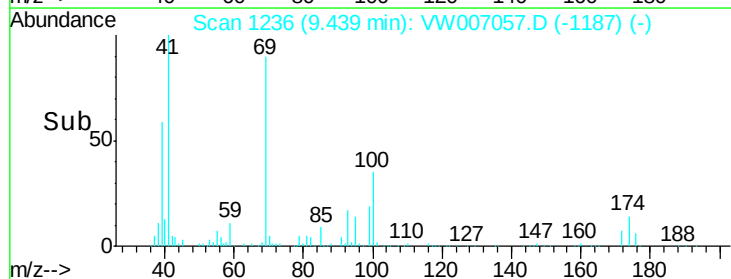
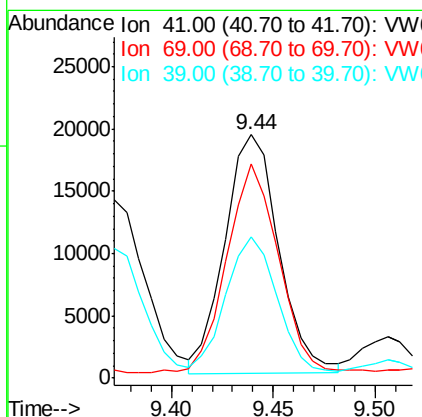
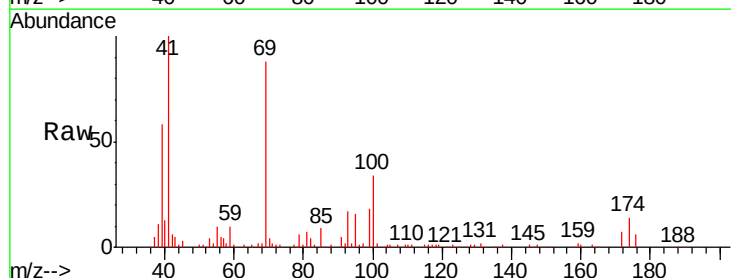
RT: 9.44 min Scan# 1236

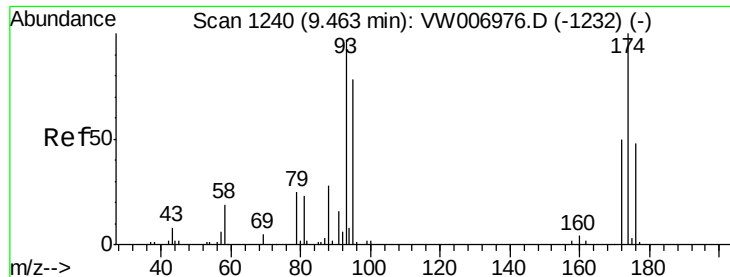
Delta R.T. -0.00 min

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





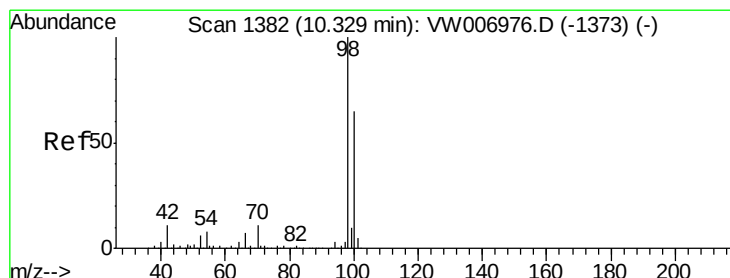
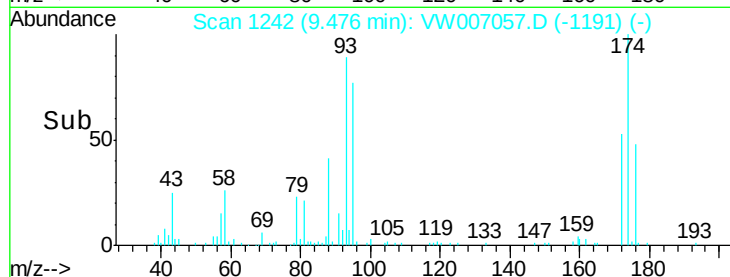
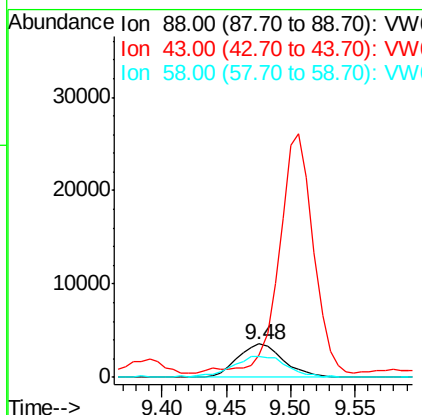
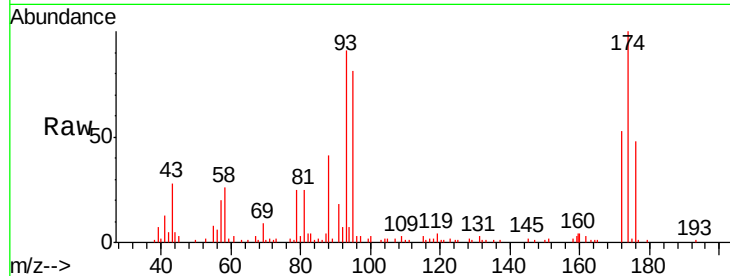
#49
1,4-Dioxane
Concen: 1425.54 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

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

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	8898		
43	0.0	0.0	0.0	0.0
58	75.0	59.0	88.6	

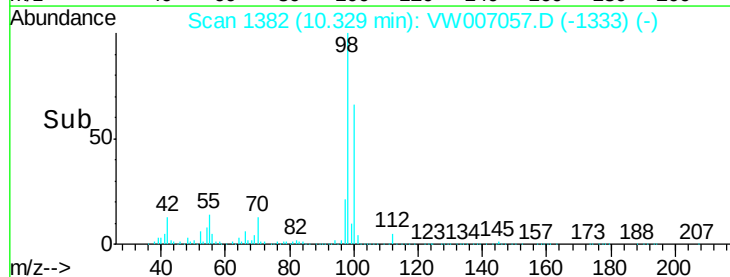
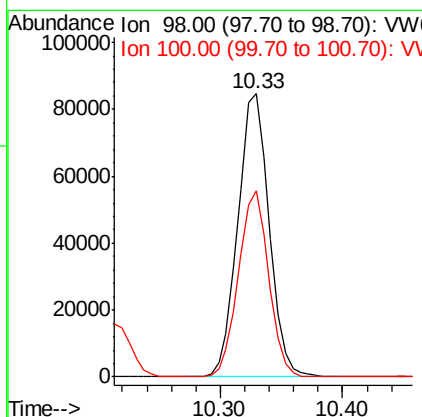
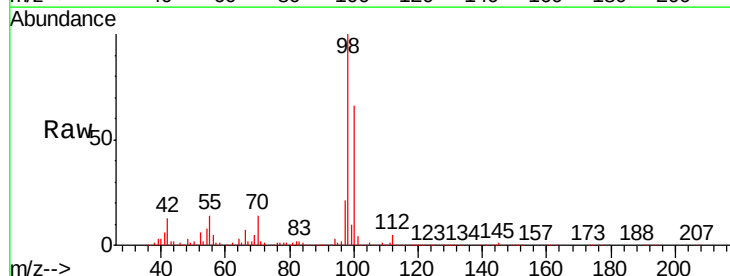
Manual Integrations
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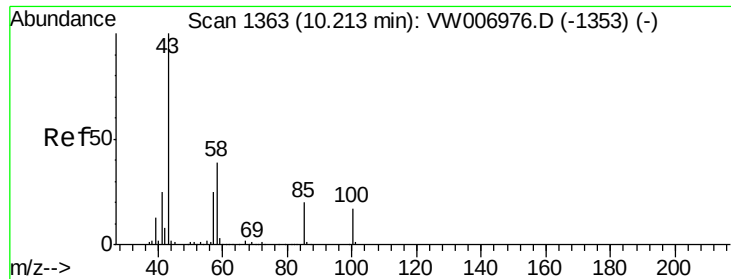
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#50
Toluene-d8
Concen: 46.58 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	149805		
100	63.5	52.2	78.2	





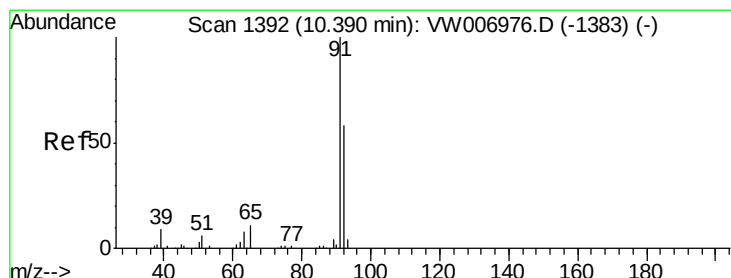
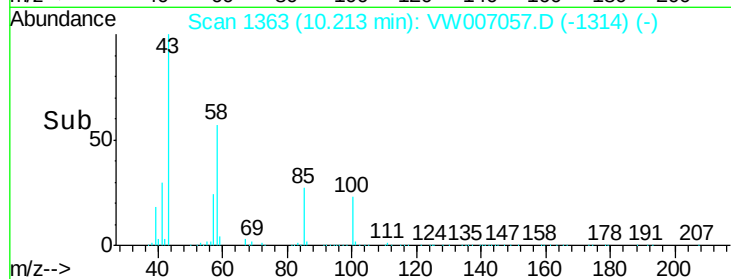
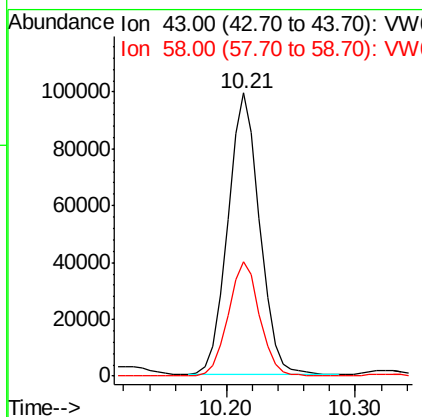
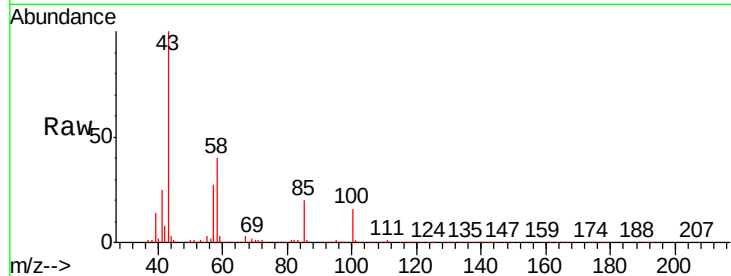
#51
 4-Methyl-2-Pentanone
 Concen: 387.13 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW007057.D
 Acq: 26 Nov 2018 19:23

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

Tgt Ion: 43 Resp: 170264
 Ion Ratio Lower Upper
 43 100
 58 40.4 31.8 47.6

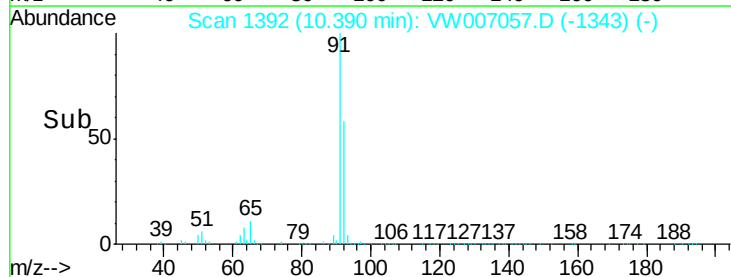
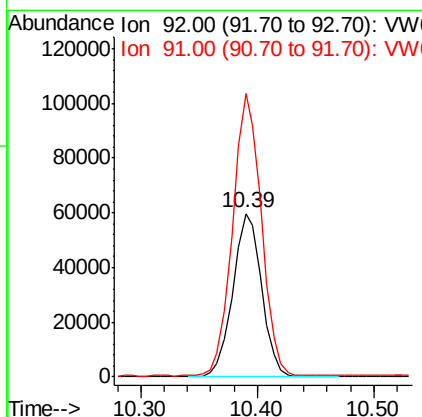
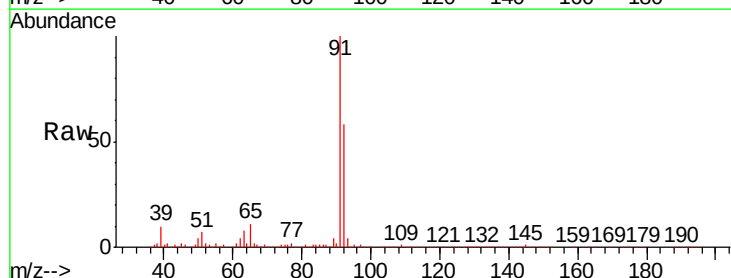
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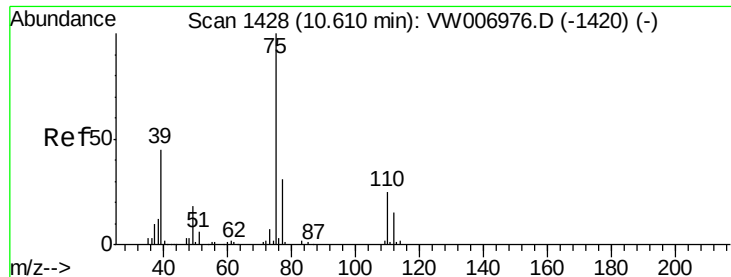
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#52
 Toluene
 Concen: 44.25 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW007057.D
 Acq: 26 Nov 2018 19:23

Tgt Ion: 92 Resp: 102442
 Ion Ratio Lower Upper
 92 100
 91 172.6 137.3 205.9





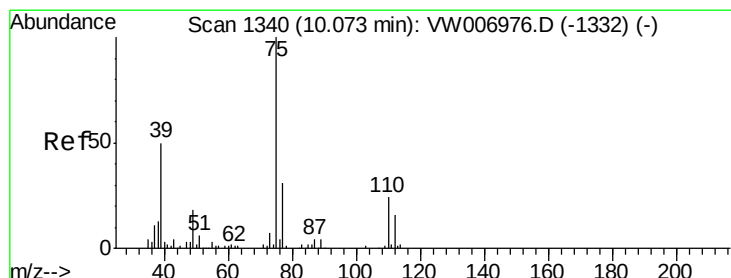
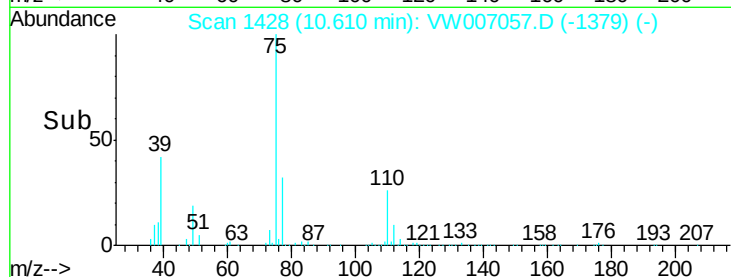
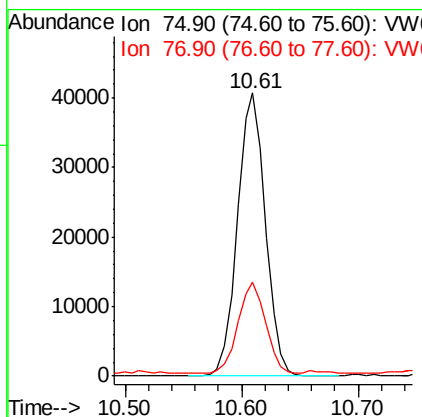
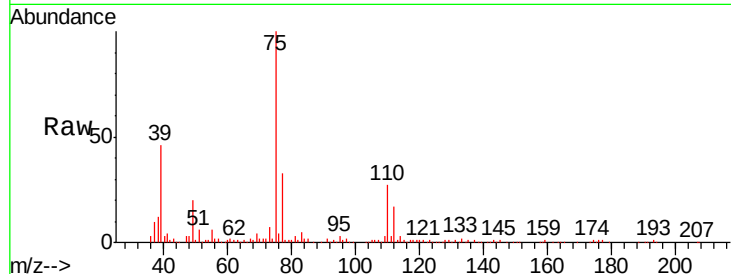
#53
t-1,3-Dichloropropene
Concen: 63.51 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

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

Tgt Ion: 75 Resp: 68070
Ion Ratio Lower Upper
75 100
77 32.1 24.7 37.1

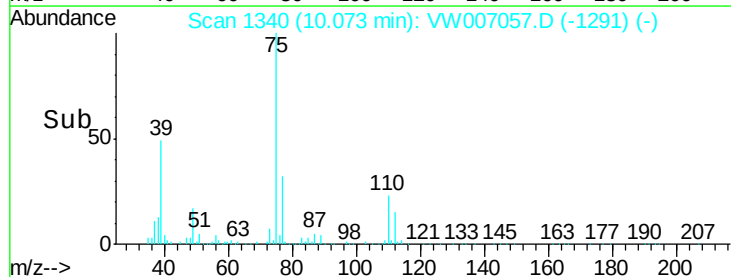
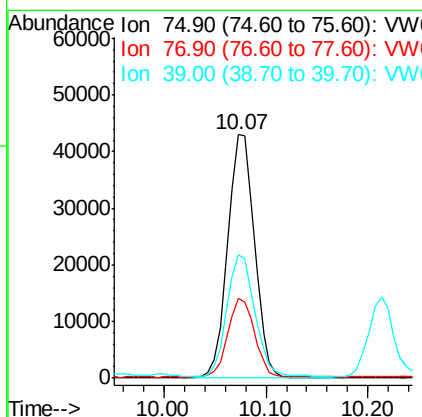
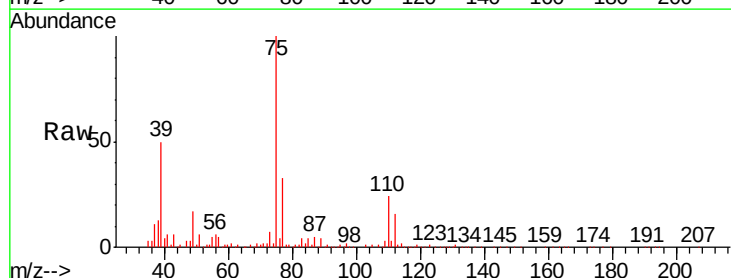
Manual Integrations
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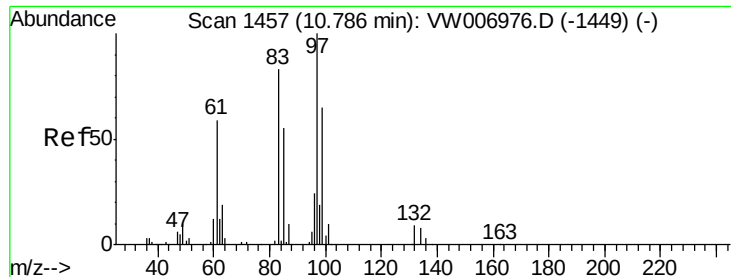
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#54
cis-1,3-Dichloropropene
Concen: 60.34 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

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: 87.98 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

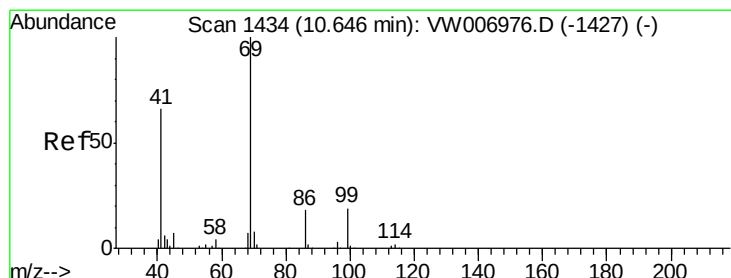
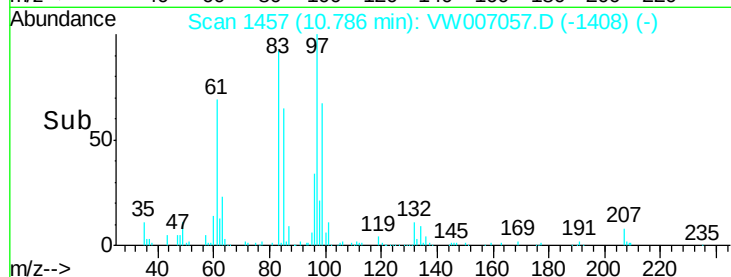
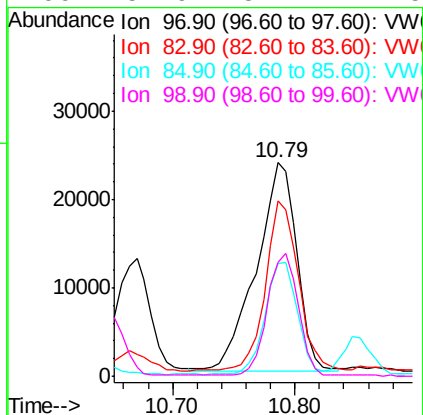
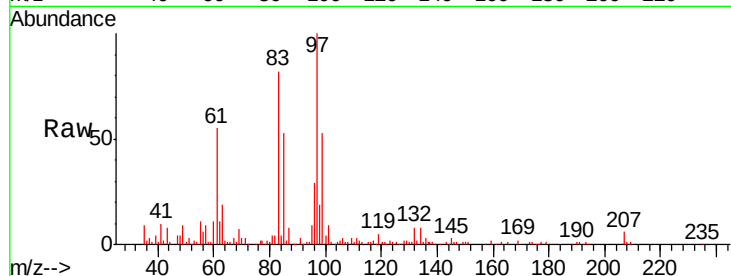
ClientSampleId :

NON-UST-03R-AMS

Tgt 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

Manual Integrations
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#56

Ethyl methacrylate

Concen: 89.04 ug/l

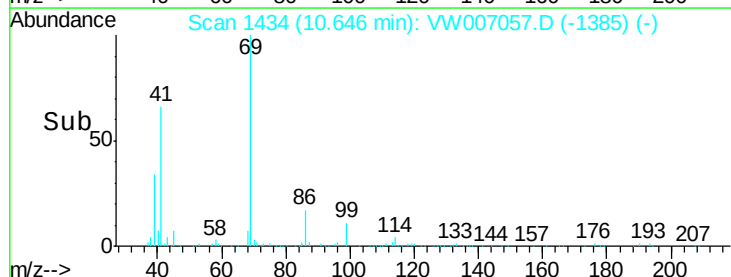
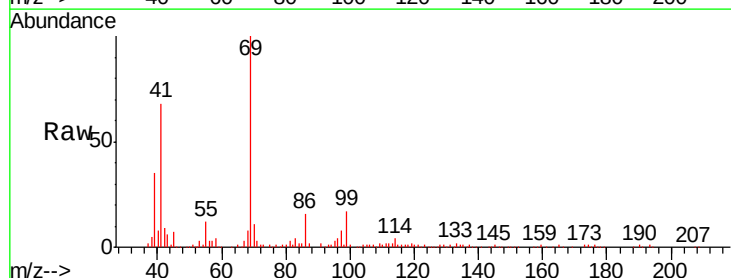
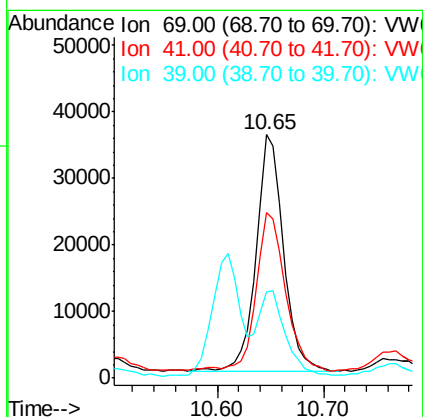
RT: 10.65 min Scan# 1434

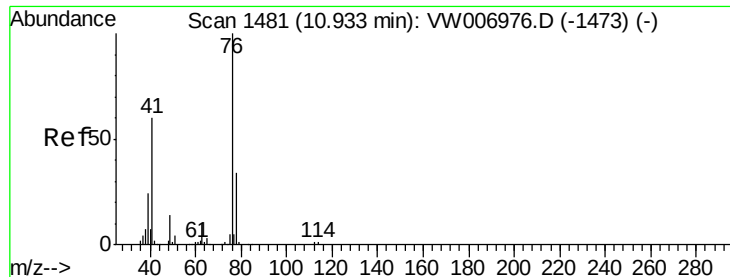
Delta R.T. -0.00 min

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





#57

1,3-Dichloropropane

Concen: 64.69 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

Tgt Ion: 76 Resp: 66987

Ion Ratio Lower Upper

76 100

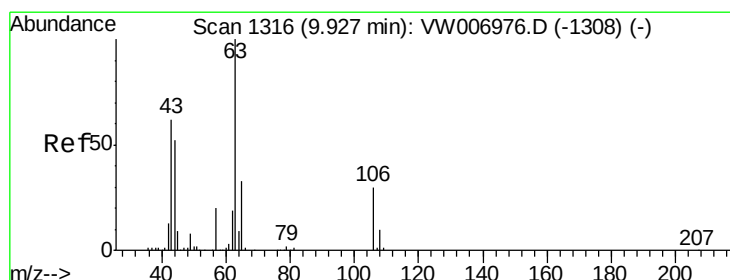
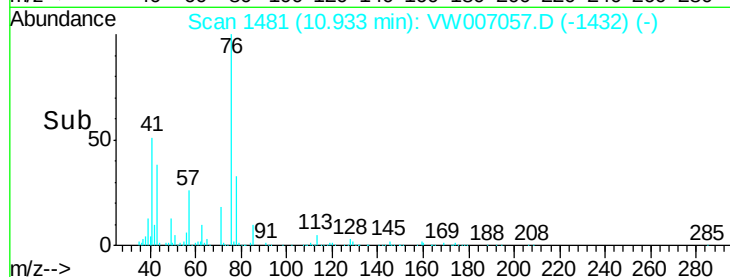
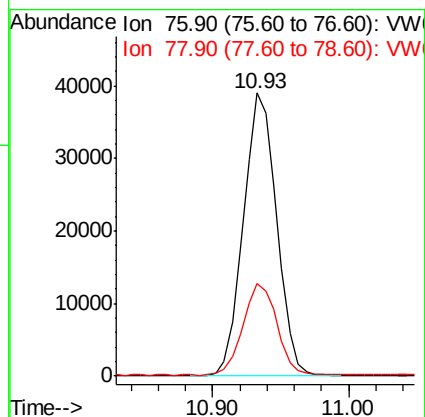
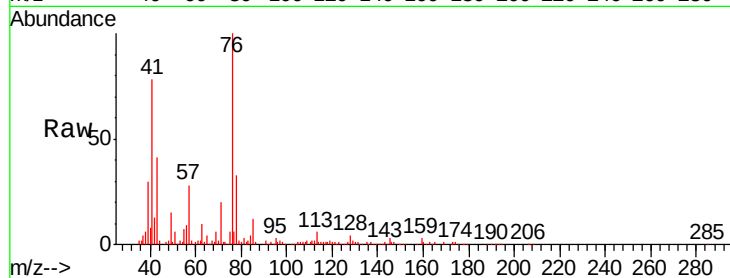
78 33.5 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 344.72 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW007057.D

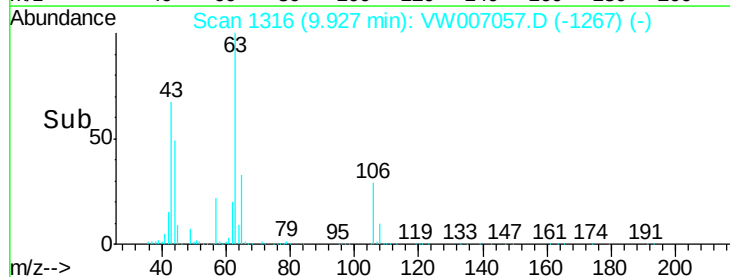
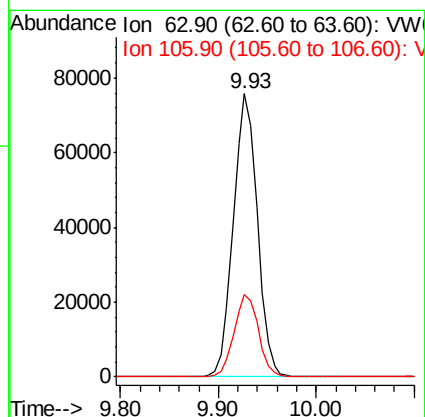
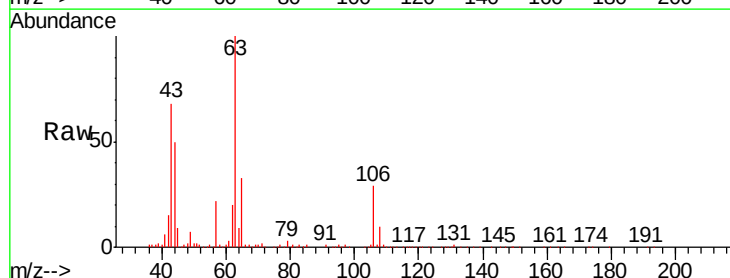
Acq: 26 Nov 2018 19:23

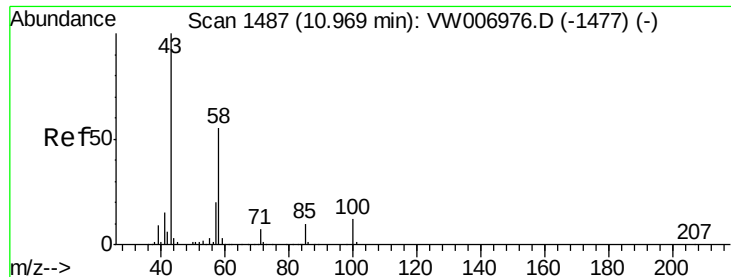
Tgt Ion: 63 Resp: 129193

Ion Ratio Lower Upper

63 100

106 29.6 23.5 35.3





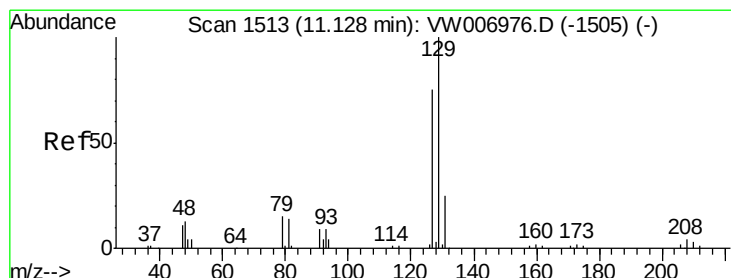
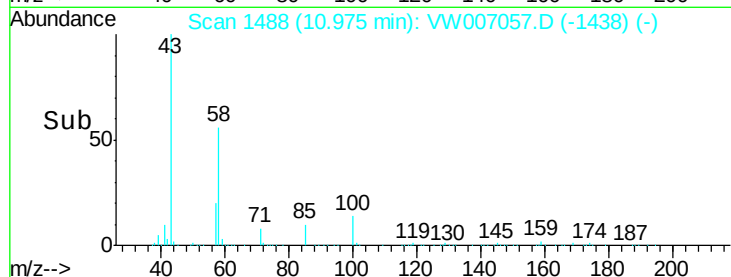
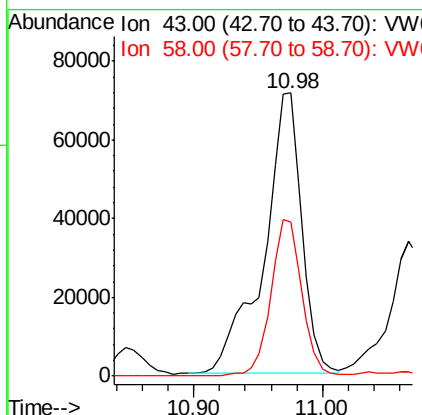
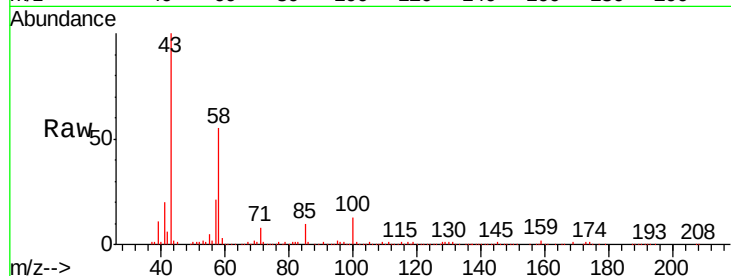
#59
2-Hexanone
Concen: 489.12 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

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

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

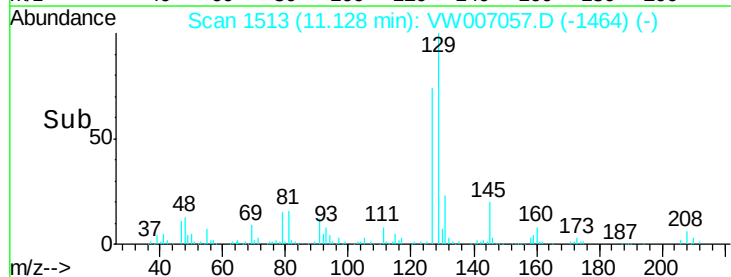
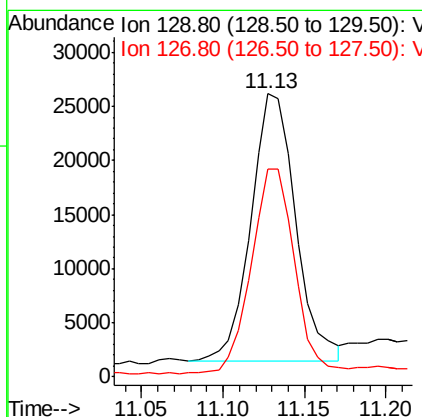
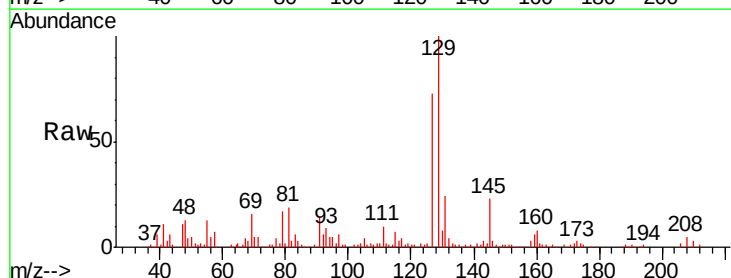
Manual Integrations
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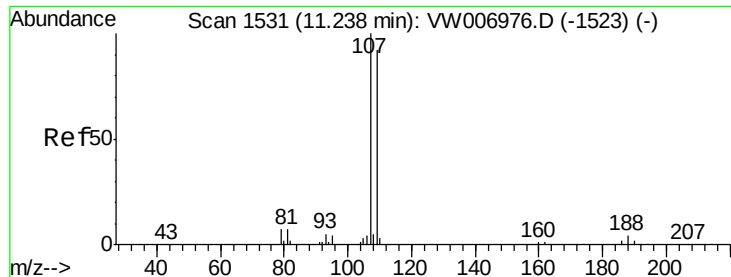
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#60
Dibromochloromethane
Concen: 66.80 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

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





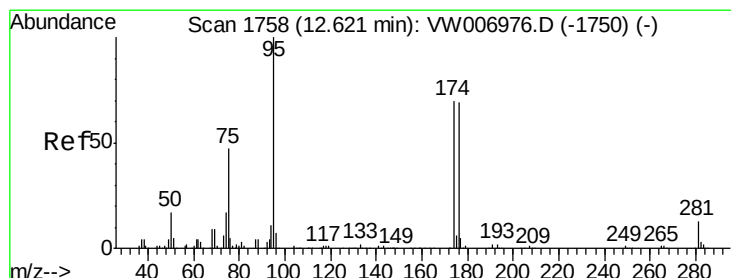
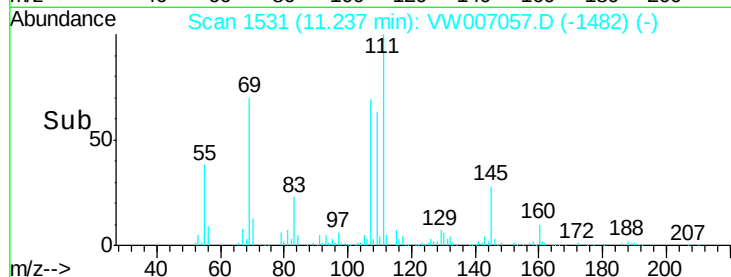
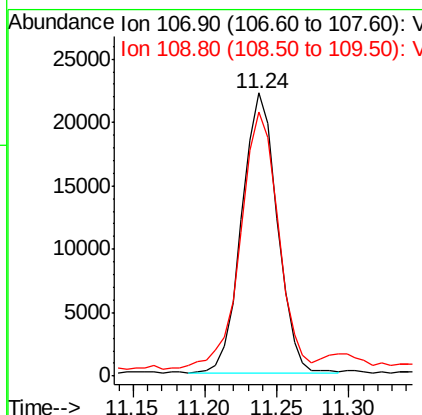
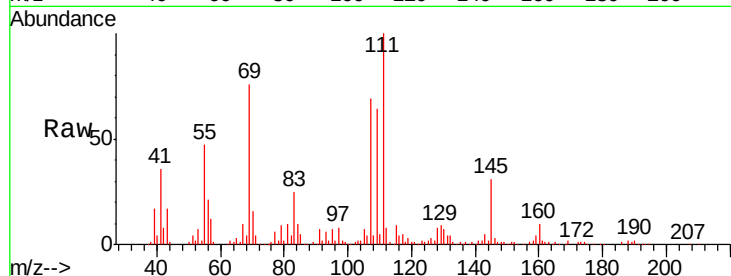
#61
 1,2-Dibromoethane
 Concen: 66.65 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007057.D
 Acq: 26 Nov 2018 19:23

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

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

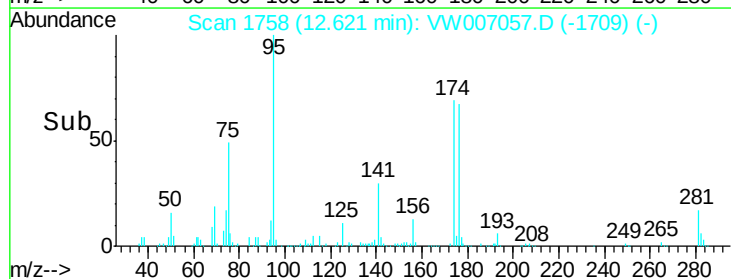
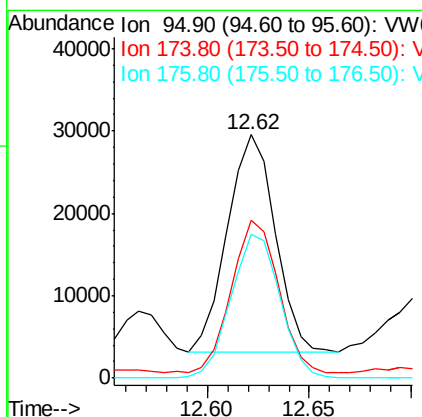
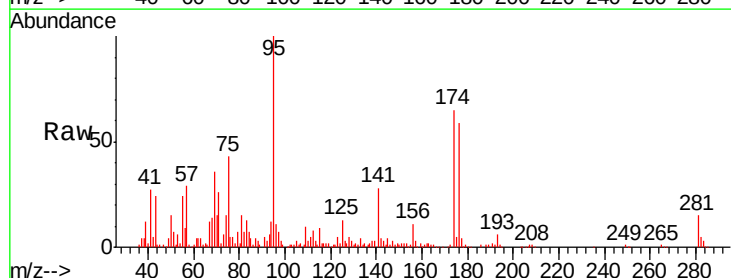
Manual Integrations
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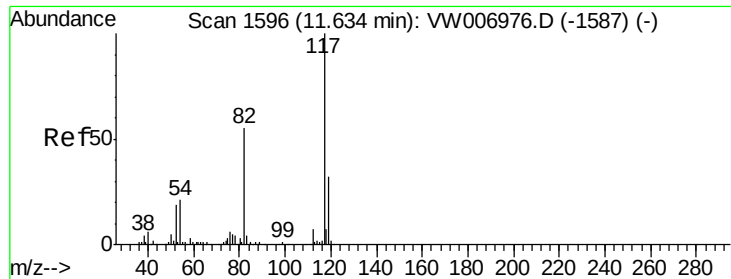
apatel
 11/27/2018 2:44:17 PM



#62
 4-Bromofluorobenzene
 Concen: 33.90 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





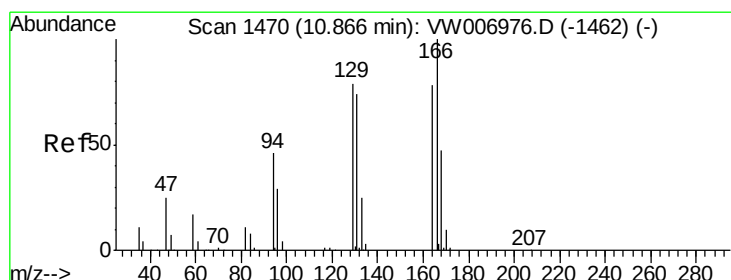
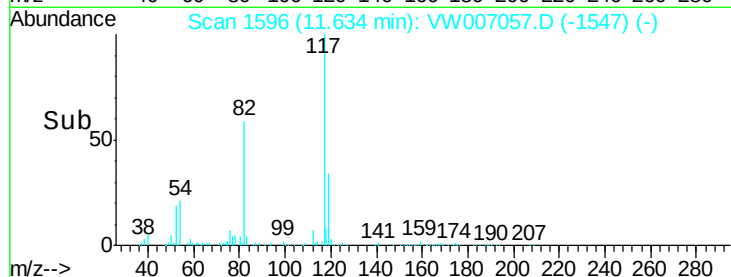
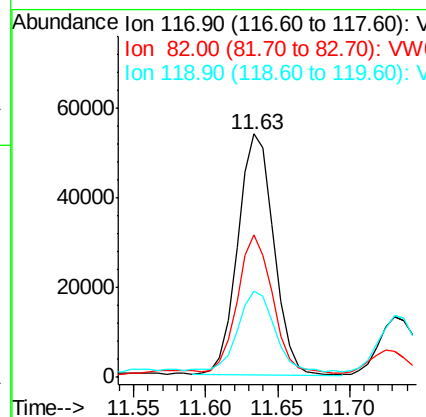
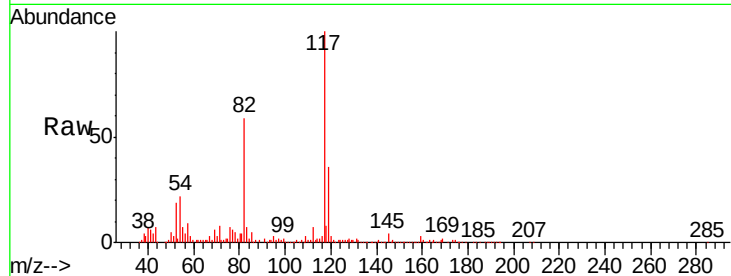
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

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

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	92993		
82	57.5	44.2	66.2	
119	33.7	25.9	38.9	

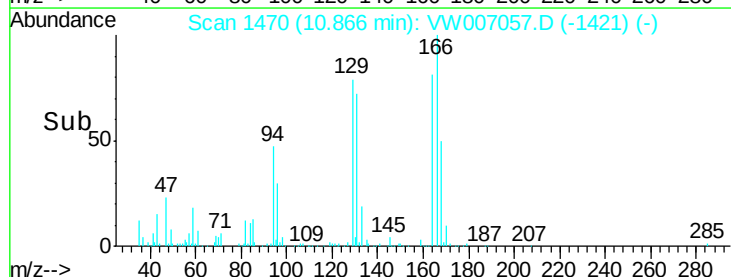
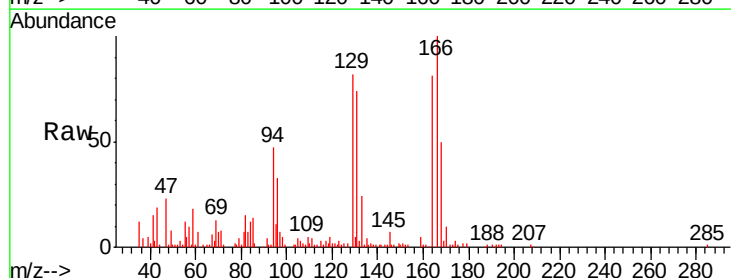
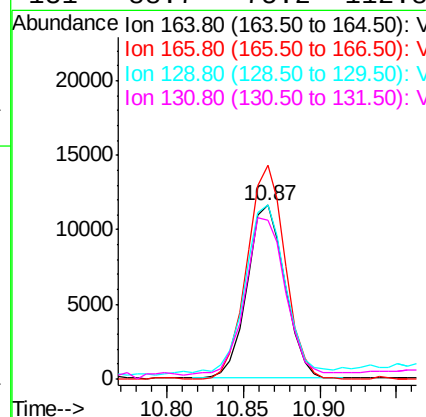
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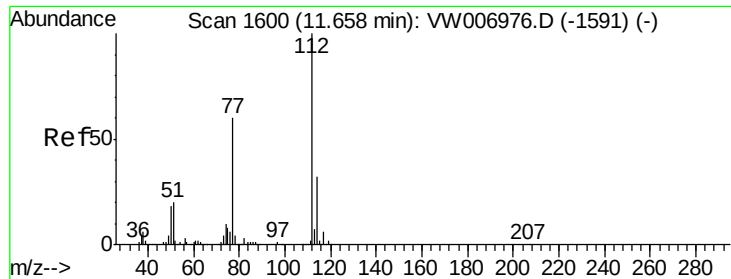
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#64
Tetrachloroethene
Concen: 33.22 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	19871		
166	123.4	102.1	153.1	
129	97.4	80.4	120.6	
131	88.7	75.2	112.8	





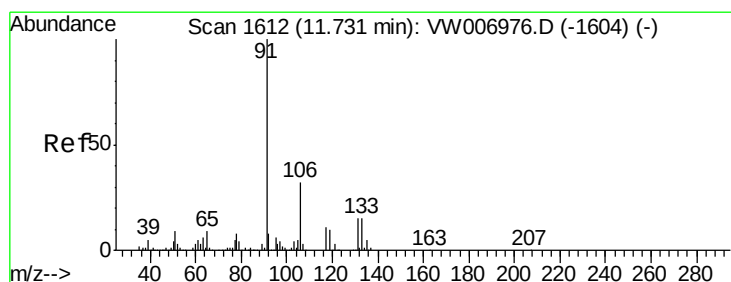
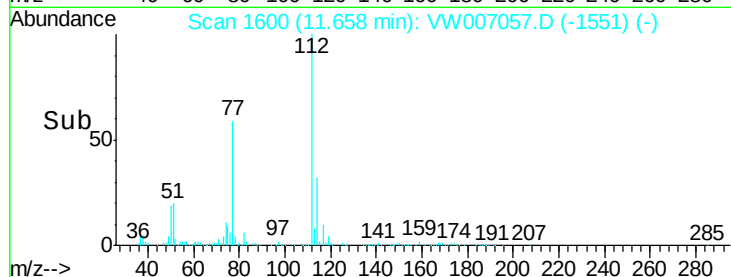
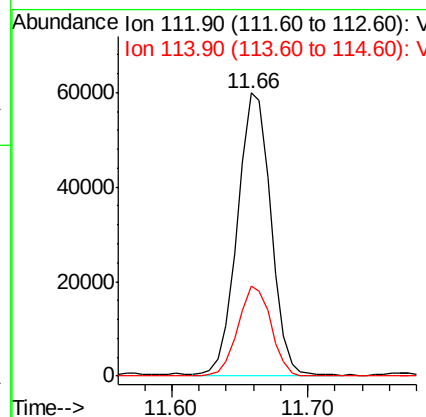
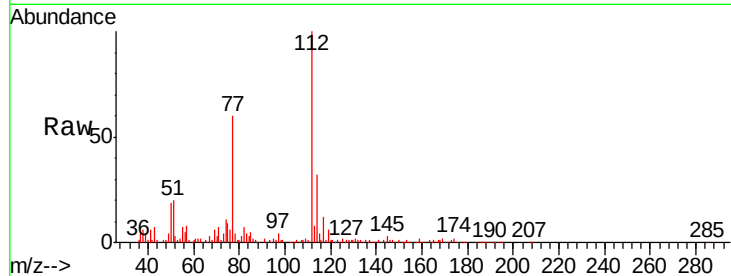
#65
Chlorobenzene
Concen: 52.79 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

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

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

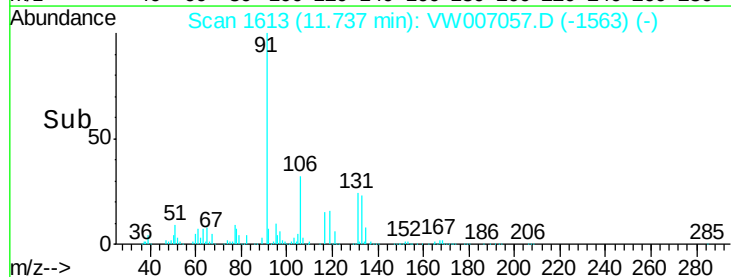
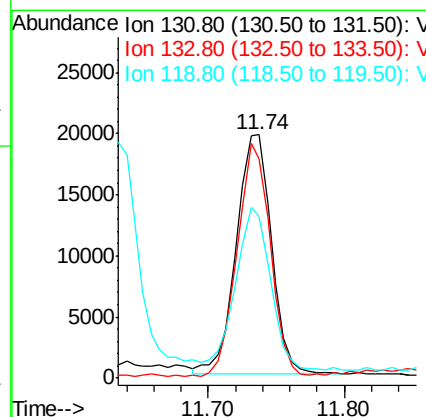
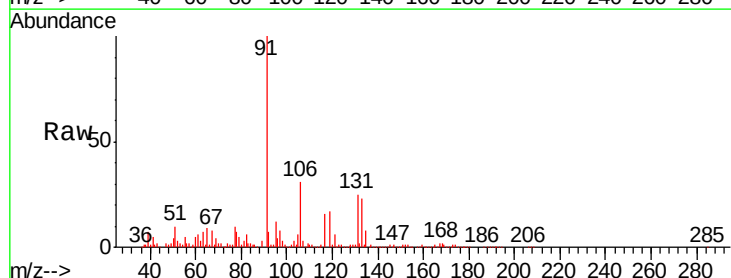
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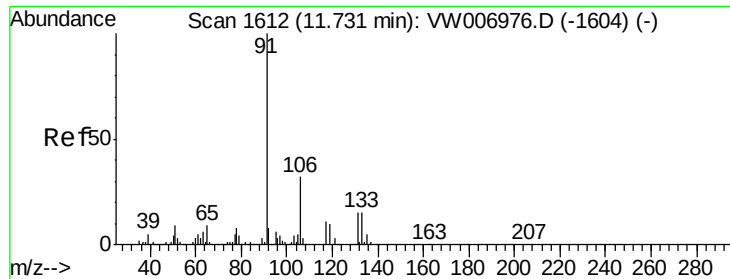
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#66
1,1,1,2-Tetrachloroethane
Concen: 60.24 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

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





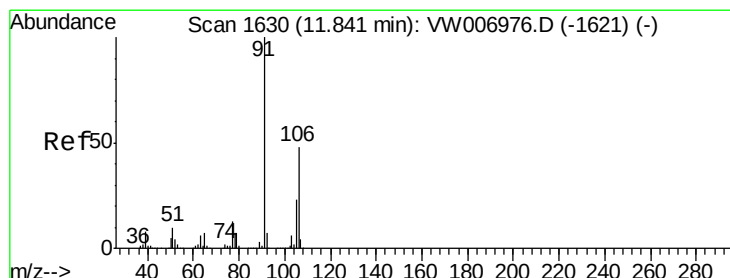
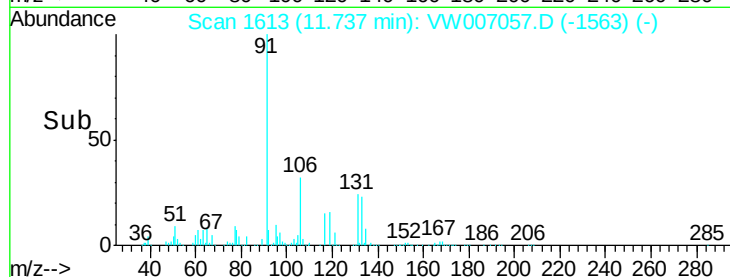
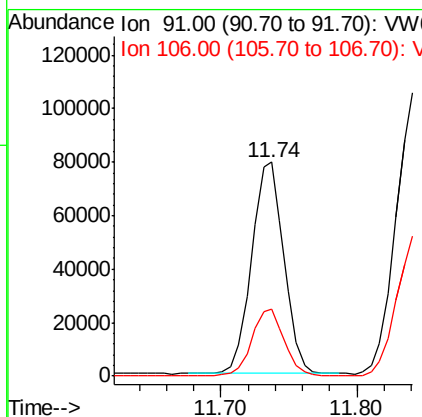
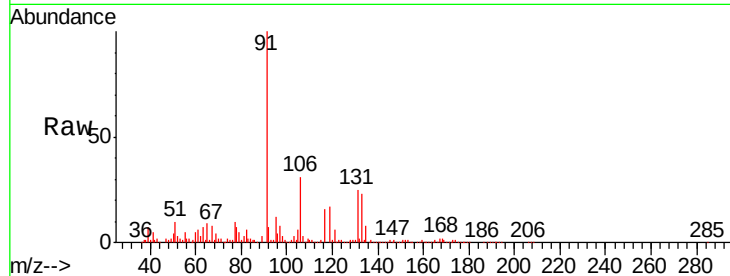
#67
Ethyl Benzene
Concen: 36.88 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

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

Tgt Ion: 91 Resp: 131500
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.2

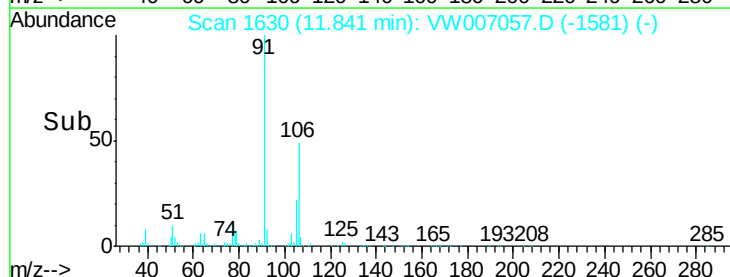
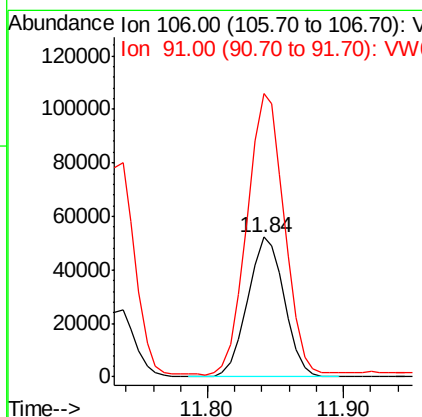
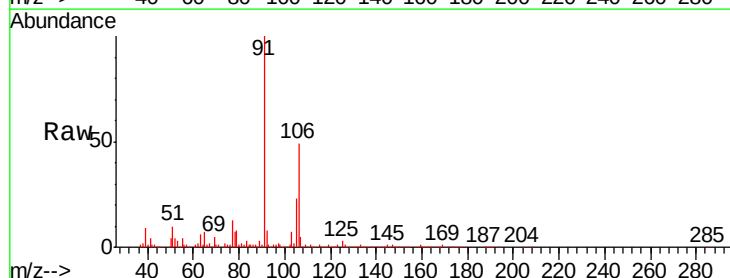
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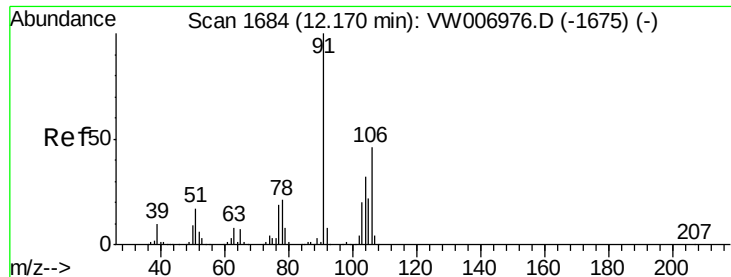
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#68
m/p-Xylenes
Concen: 69.68 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

Tgt Ion: 106 Resp: 97479
Ion Ratio Lower Upper
106 100
91 205.4 164.8 247.2





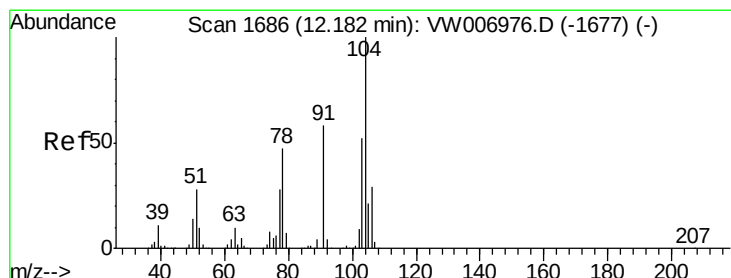
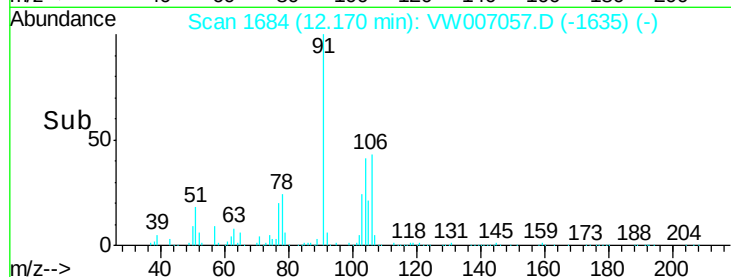
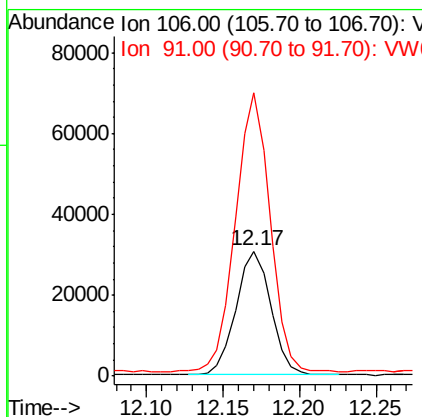
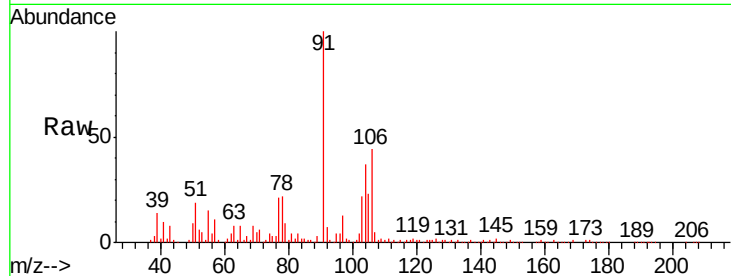
#69
o-Xylene
Concen: 36.44 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

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

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

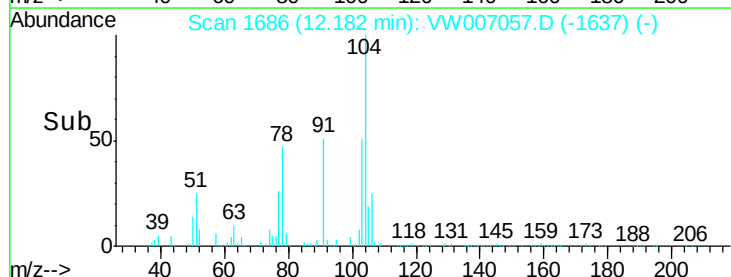
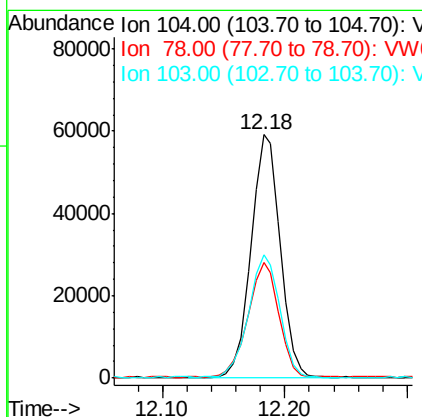
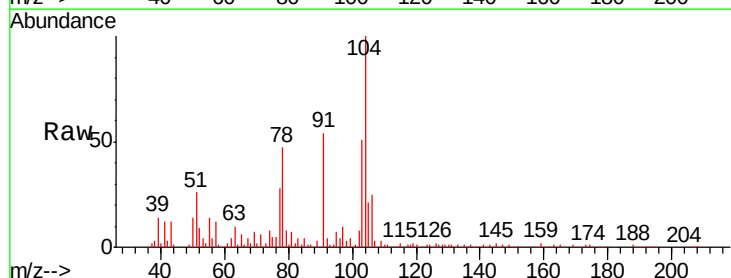
Manual Integrations
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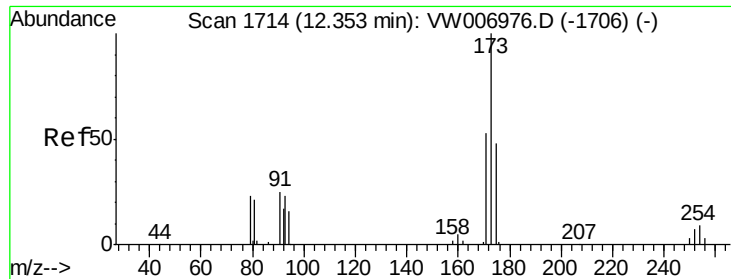
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#70
Styrene
Concen: 46.62 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

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





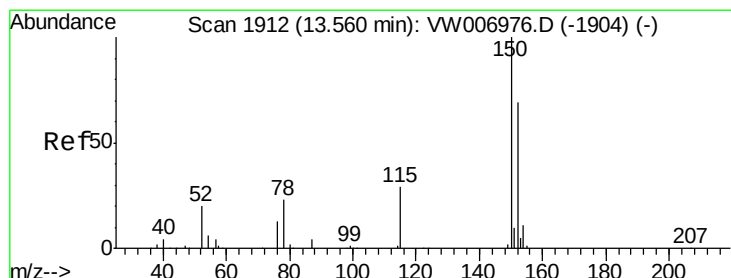
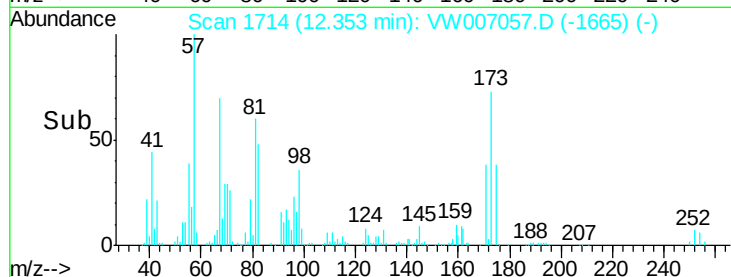
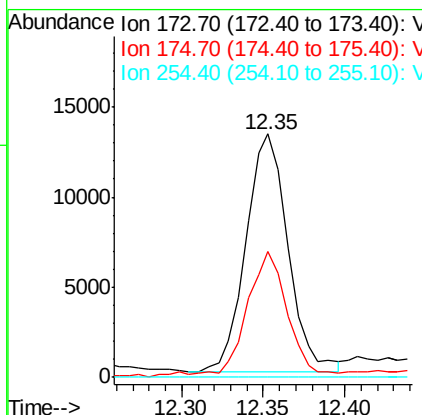
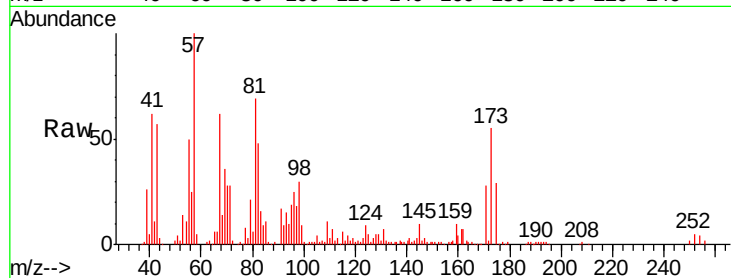
#71
Bromoform
Concen: 85.40 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

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

Tgt Ion	Ratio	Lower	Upper
173	100		
175	52.7	24.0	72.0
254	0.0	0.0	0.0

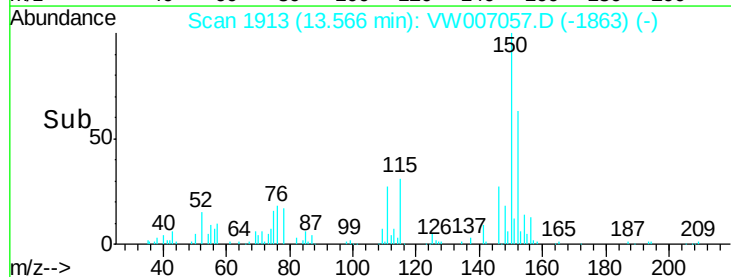
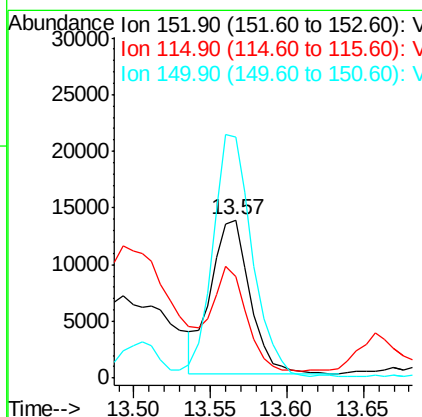
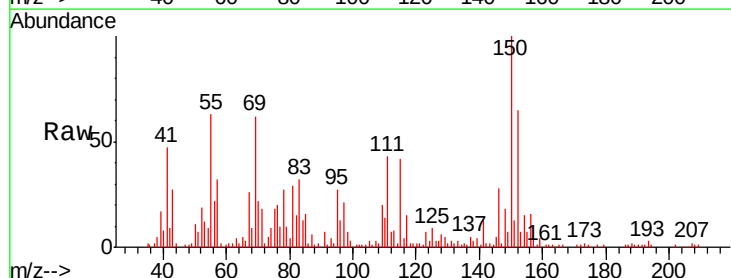
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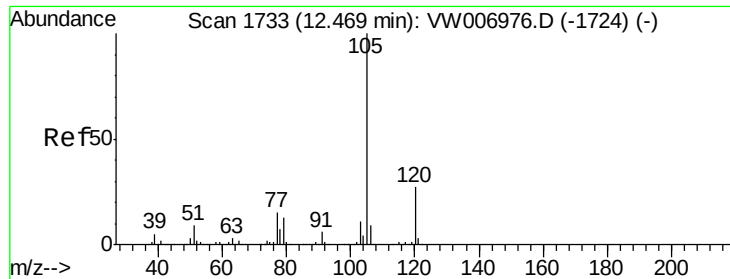
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.3	31.4	94.2
150	157.1	0.0	353.4





#73

Isopropylbenzene

Concen: 148.81 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

Tgt Ion: 105 Resp: 280201

Ion Ratio Lower Upper

105 100

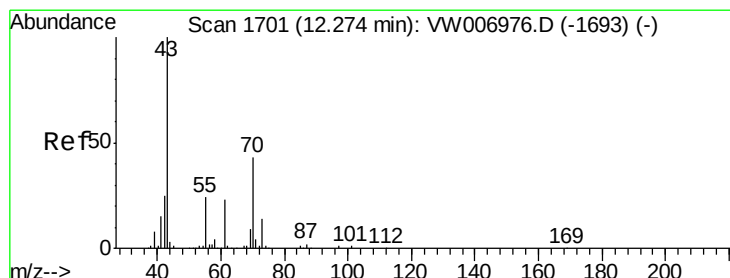
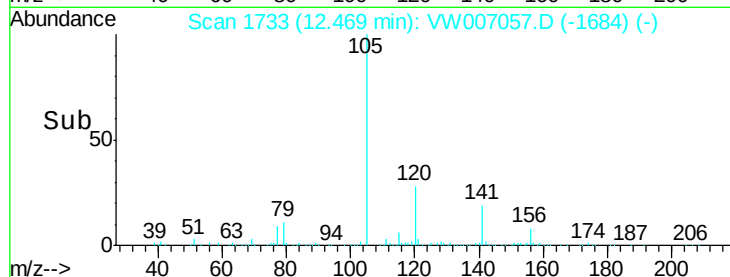
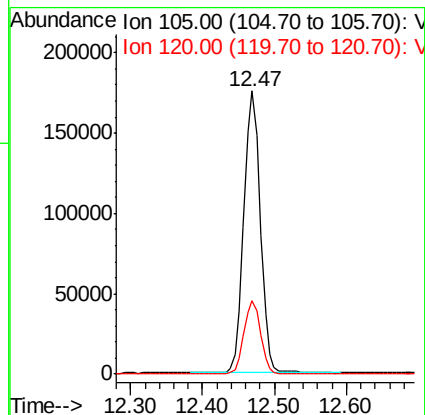
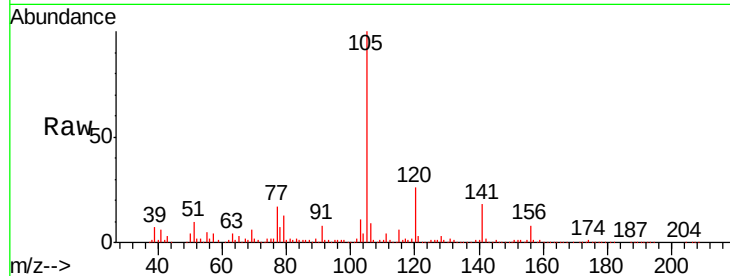
120 25.8 13.3 39.8

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#74

N-ethyl acetate

Concen: 282.58 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

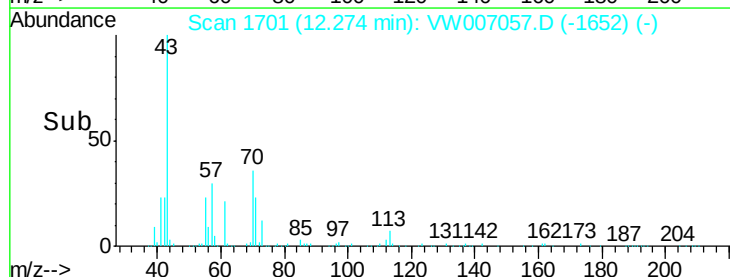
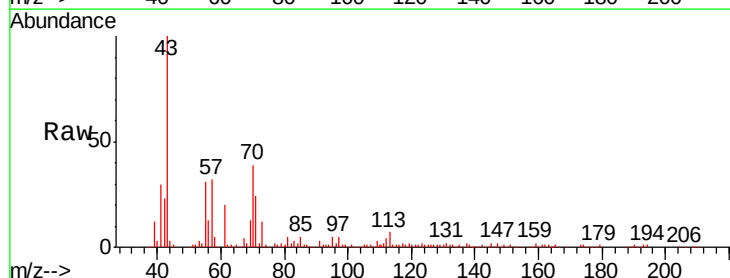
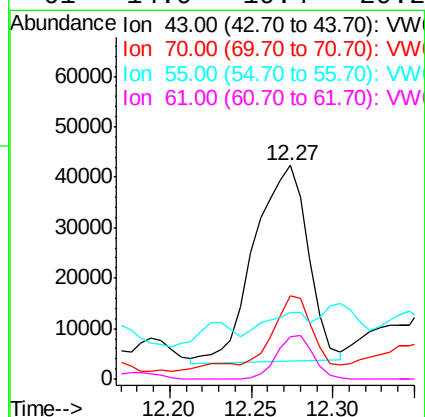
Ion Ratio Lower Upper

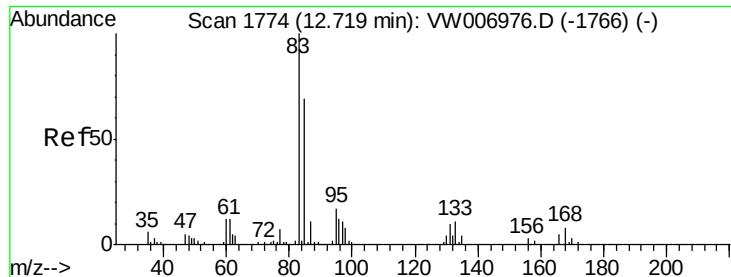
43 100

70 32.4 34.0 51.0#

55 12.7 19.4 29.0#

61 14.9 19.4 29.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 199.93 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

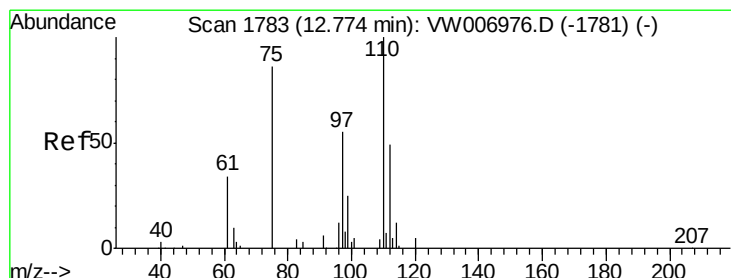
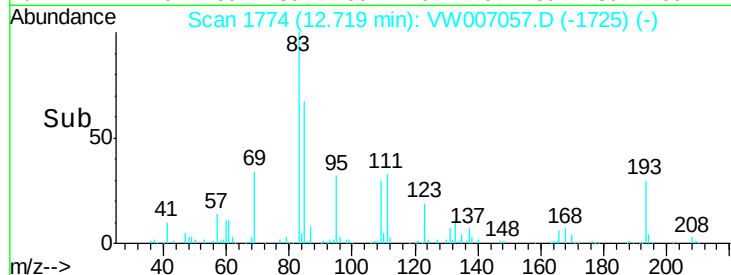
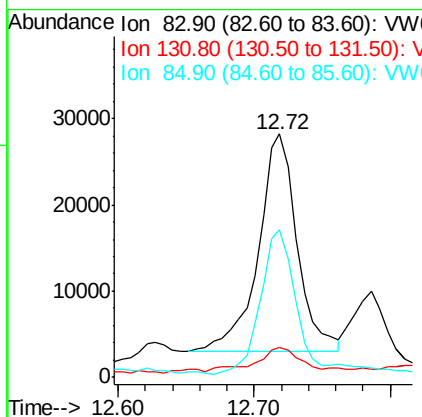
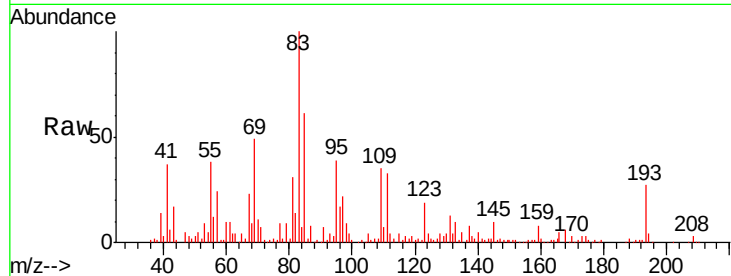
ClientSampleId :

NON-UST-03R-AMS

Tgt Ion:	83	Resp:	50100
Ion	Ratio	Lower	Upper
83	100		
131	12.3	5.7	17.1
85	64.8	33.1	99.2

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#76

1,2,3-Trichloropropane

Concen: 134.99 ug/l m

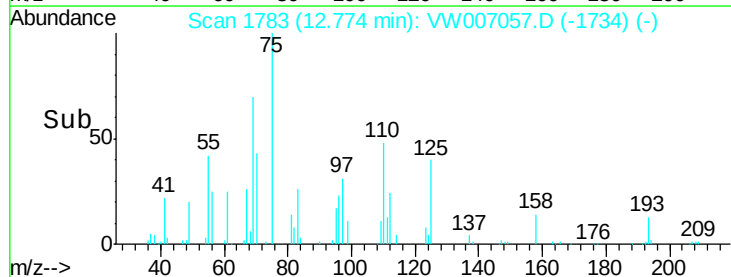
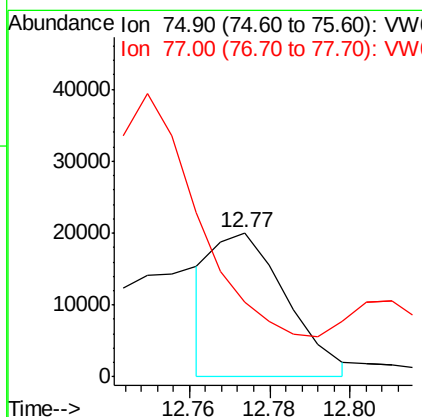
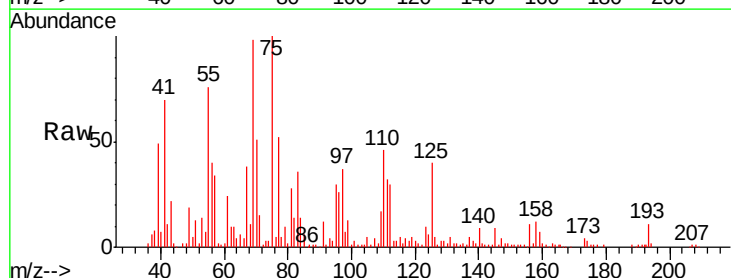
RT: 12.77 min Scan# 1783

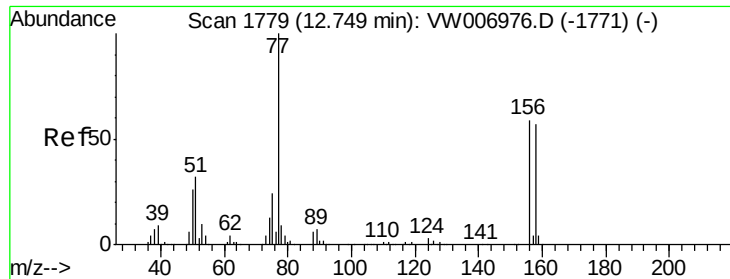
Delta R.T. -0.00 min

Lab File: VW007057.D

Acq: 26 Nov 2018 19:23

Tgt Ion:	75	Resp:	25699
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 84.96 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

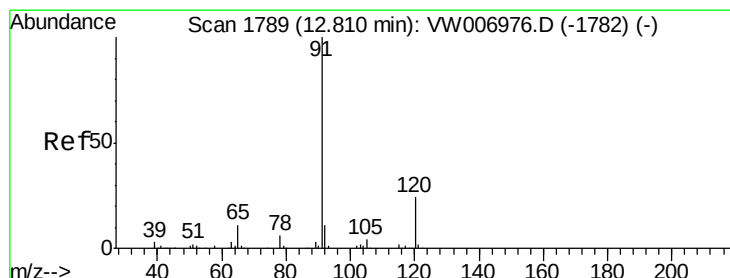
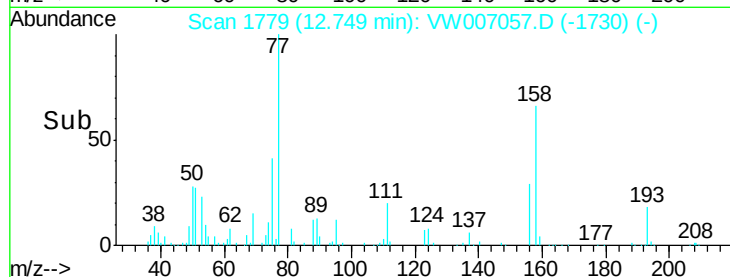
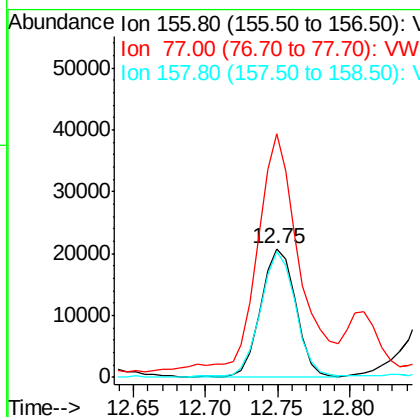
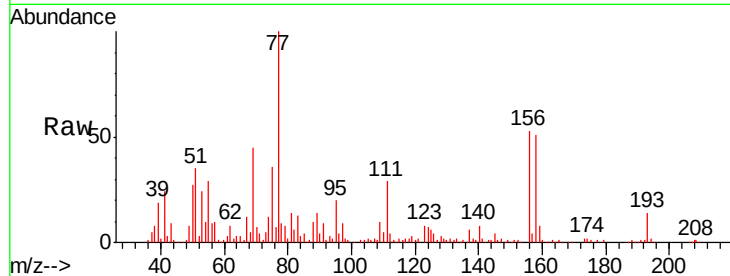
ClientSampleId :

NON-UST-03R-AMS

Tgt Ion	Ratio	Lower	Upper
156	100		
77	223.6	94.6	283.8
158	100.6	48.9	146.7

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#78

n-propylbenzene

Concen: 163.25 ug/l

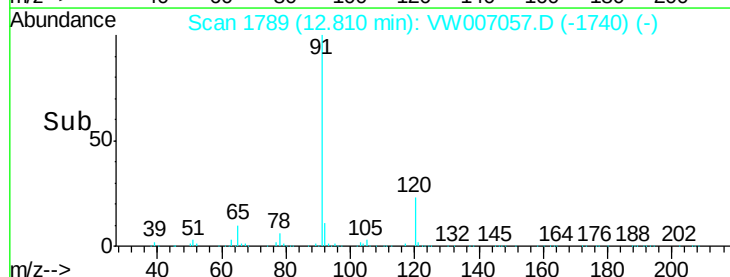
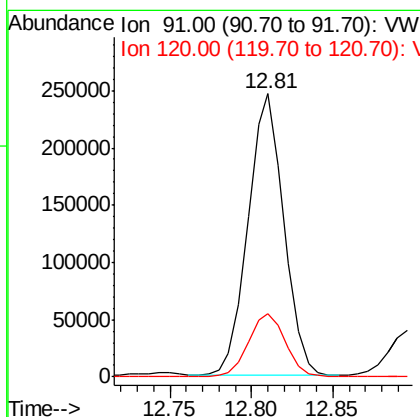
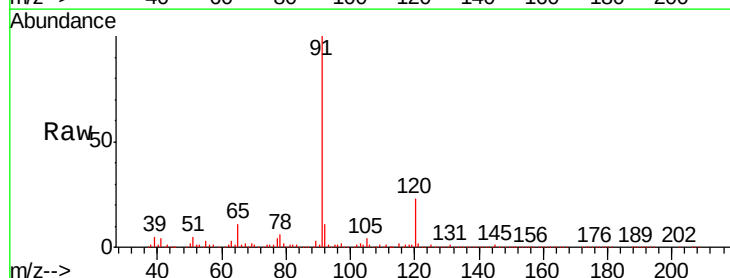
RT: 12.81 min Scan# 1789

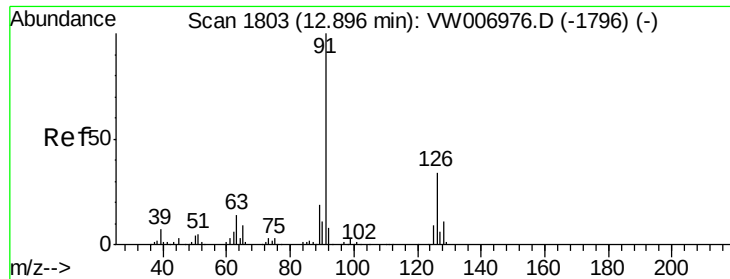
Delta R.T. -0.00 min

Lab File: VW007057.D

Acq: 26 Nov 2018 19:23

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.7	35.1





#79

2-Chlorotoluene

Concen: 48.36 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

Tgt Ion: 91 Resp: 63603

Ion Ratio Lower Upper

91 100

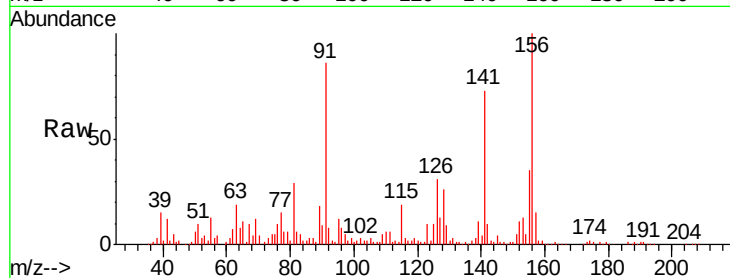
126 43.2 16.7 50.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

200000

150000

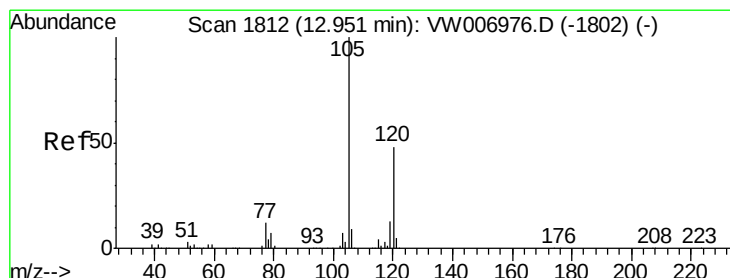
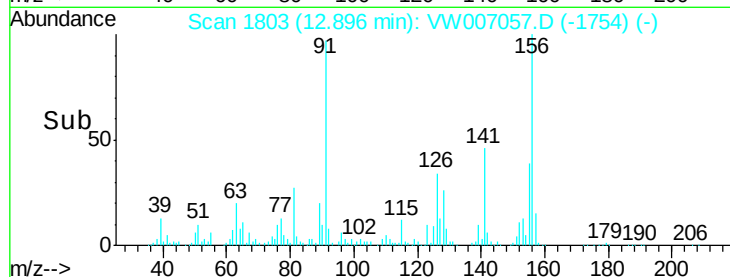
100000

50000

0

12.85 12.90 12.95

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 32.30 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW007057.D

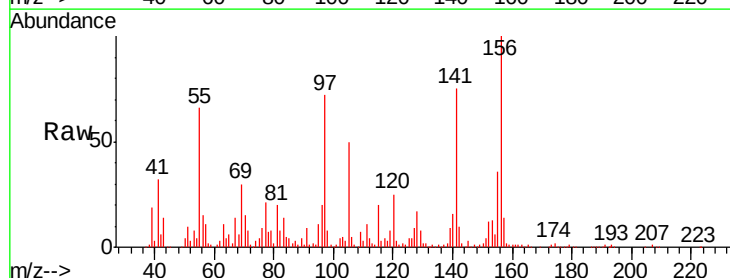
Acq: 26 Nov 2018 19:23

Tgt Ion: 105 Resp: 52586

Ion Ratio Lower Upper

105 100

120 48.3 23.8 71.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

30000

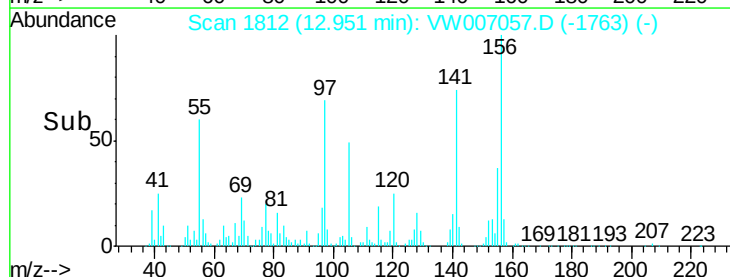
20000

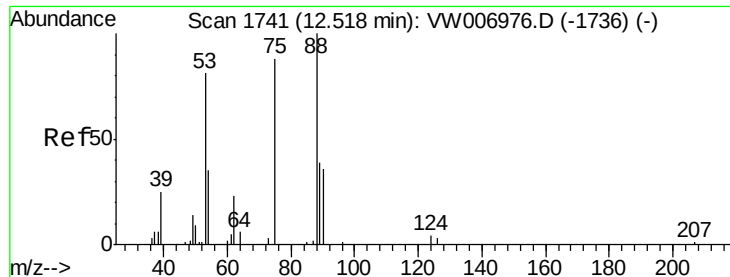
10000

0

12.90 13.00

Time-->





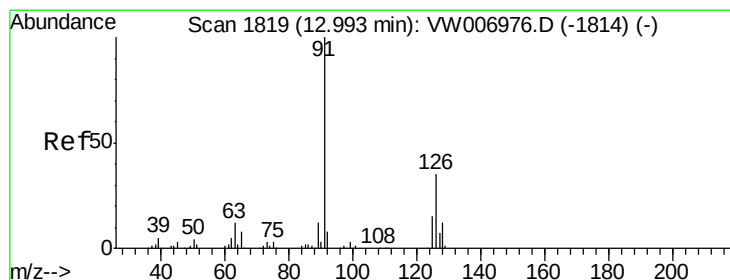
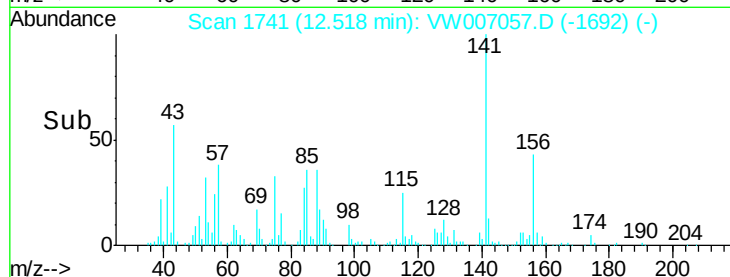
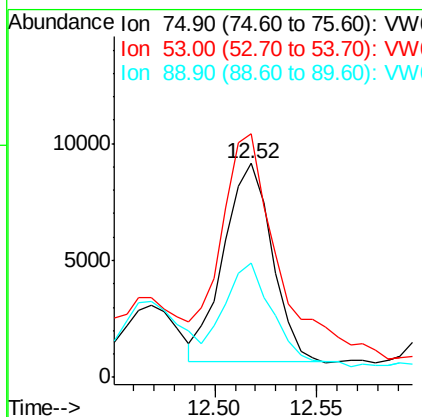
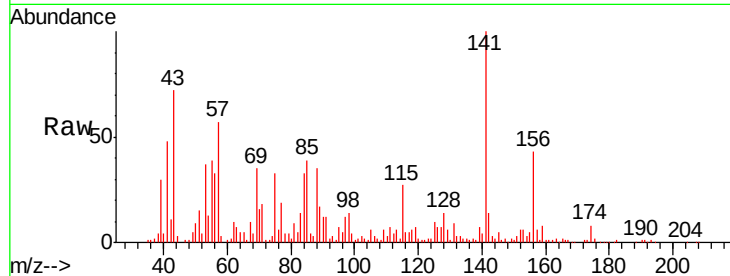
#81
trans-1,4-Dichloro-2-butene
Concen: 184.70 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

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

Tgt Ion: 75 Resp: 14006
Ion Ratio Lower Upper
75 100
53 136.2 77.6 116.4#
89 54.3 39.3 58.9

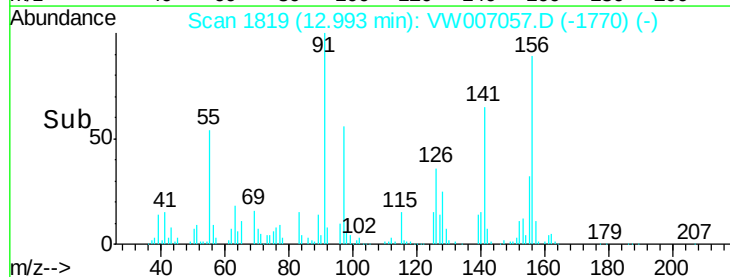
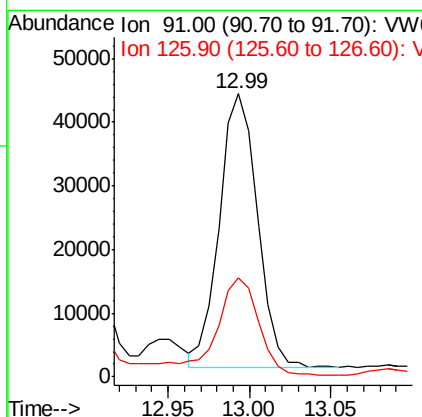
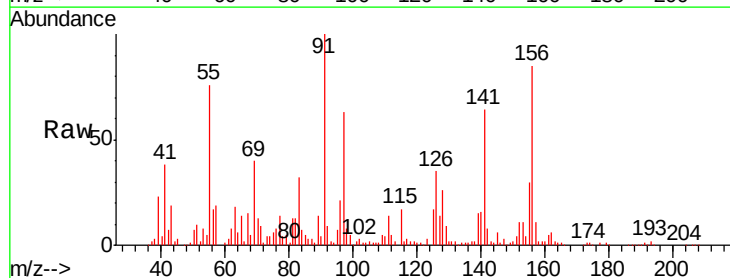
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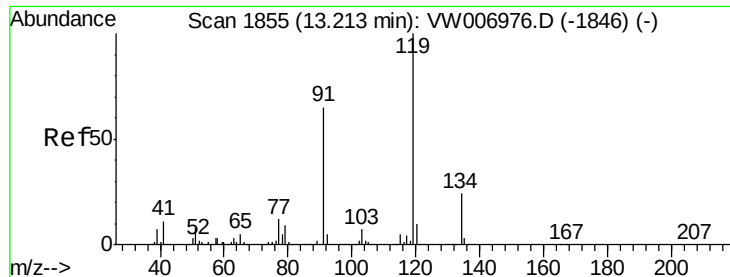
apatel
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#82
4-Chlorotoluene
Concen: 50.35 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

Tgt Ion: 91 Resp: 69493
Ion Ratio Lower Upper
91 100
126 39.3 16.6 49.7





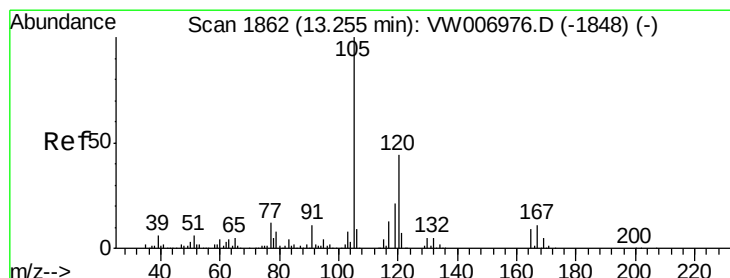
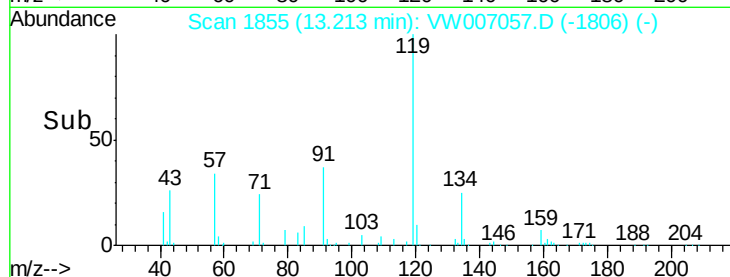
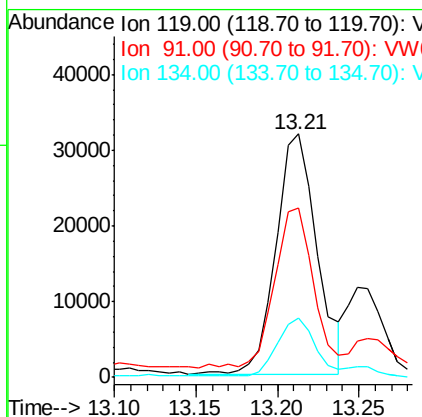
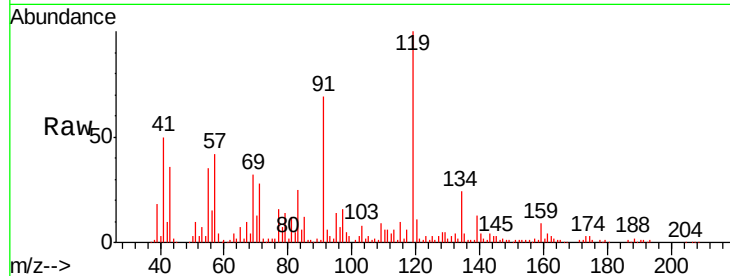
#83
 tert-Butylbenzene
 Concen: 39.27 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW007057.D
 Acq: 26 Nov 2018 19:23

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

Tgt Ion	Ratio	Lower	Upper
119	100		
91	61.6	33.5	100.5
134	22.0	12.6	37.8

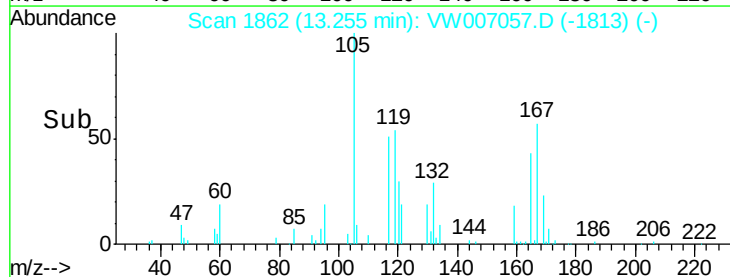
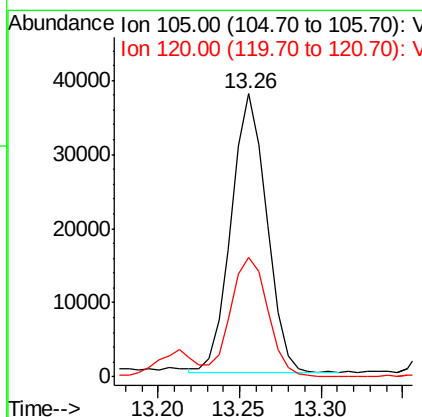
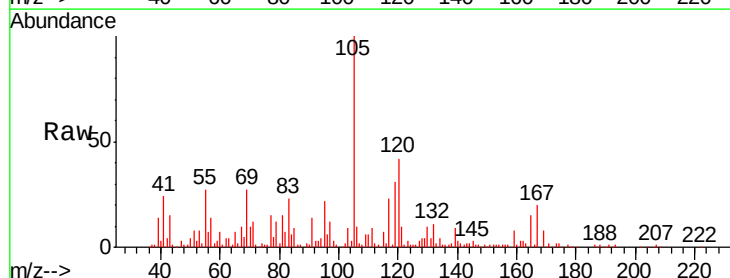
Manual Integrations
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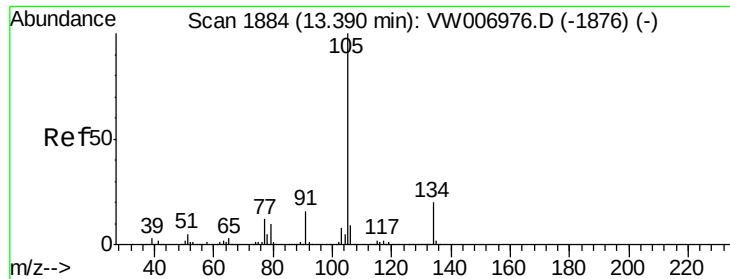
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#84
 1,2,4-Trimethylbenzene
 Concen: 35.02 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007057.D
 Acq: 26 Nov 2018 19:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	21.8	65.3





#85

sec-Butylbenzene

Concen: 138.78 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

Tgt Ion:105 Resp: 276403

Ion Ratio Lower Upper

105 100

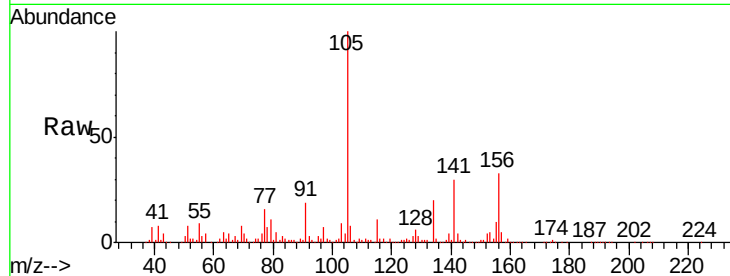
134 25.3 9.8 29.3

Manual Integrations

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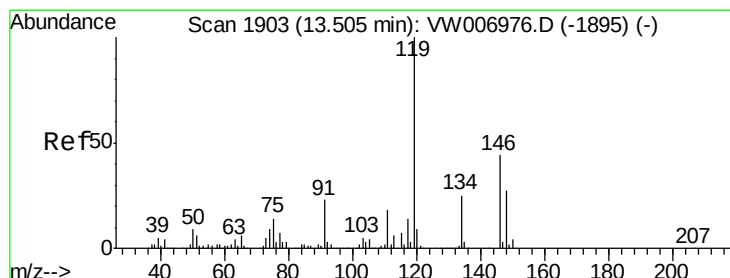
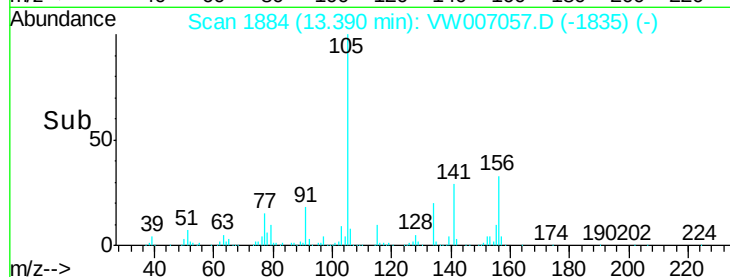
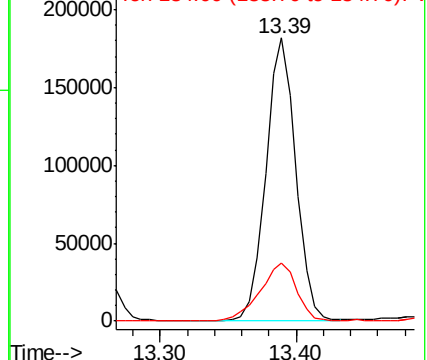
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.48 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW007057.D

Acq: 26 Nov 2018 19:23

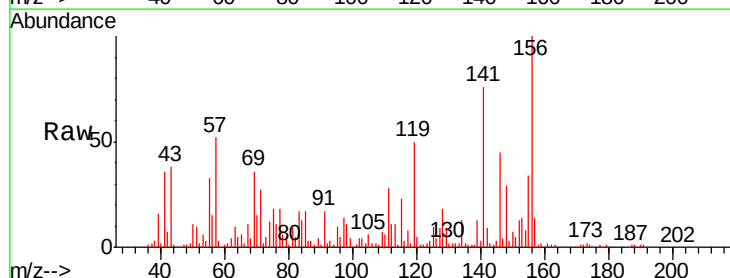
Tgt Ion:119 Resp: 37747

Ion Ratio Lower Upper

119 100

134 27.2 12.8 38.3

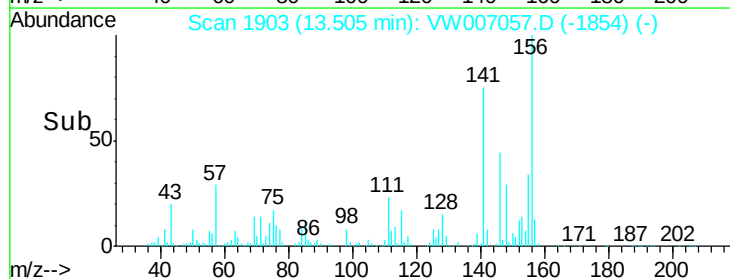
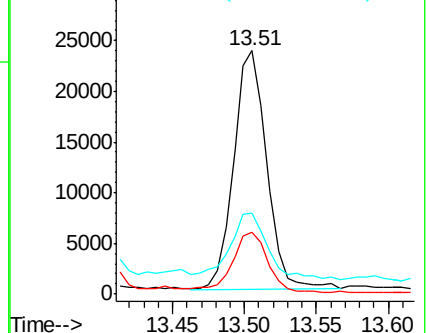
91 32.7 12.2 36.6

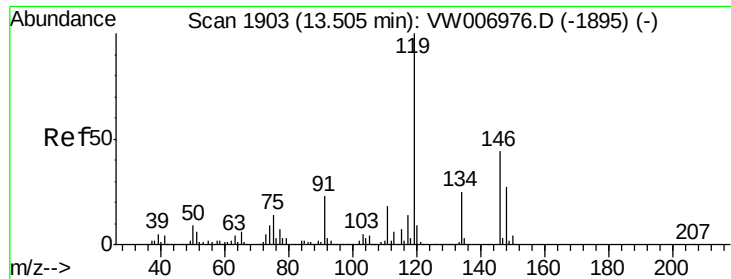


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 41.79 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

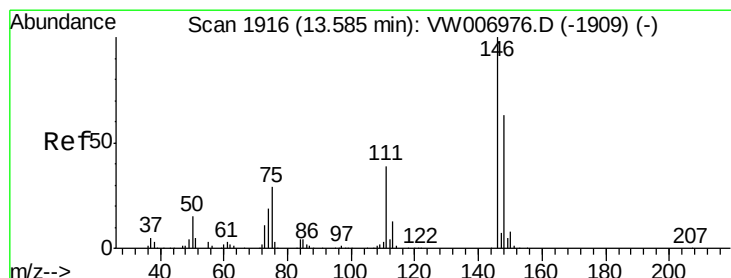
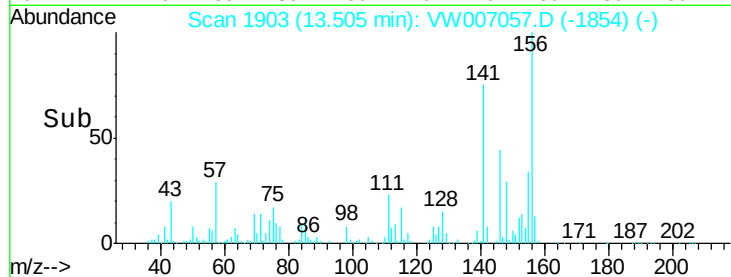
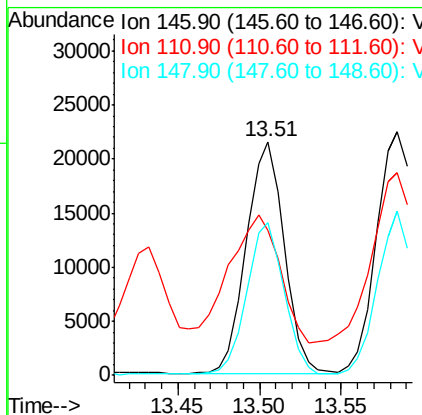
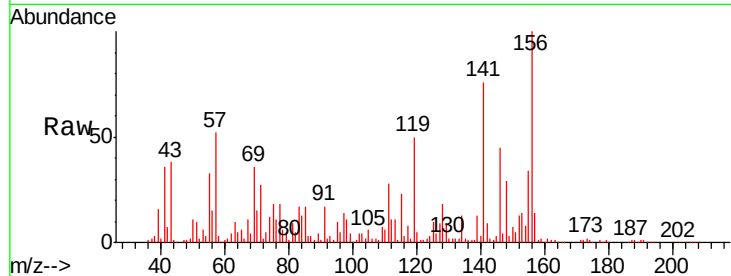
ClientSampleId :

NON-UST-03R-AMS

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

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 44.18 ug/l

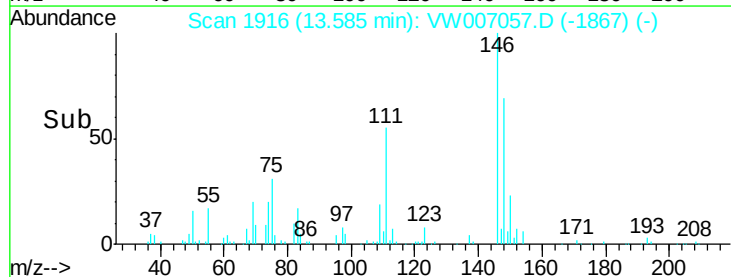
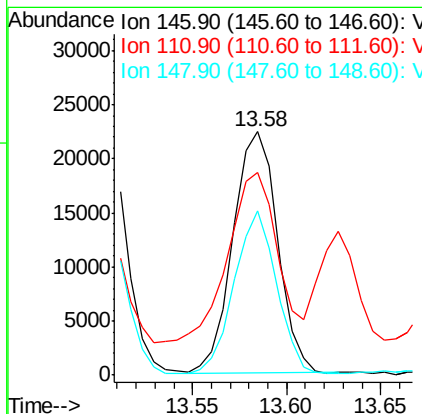
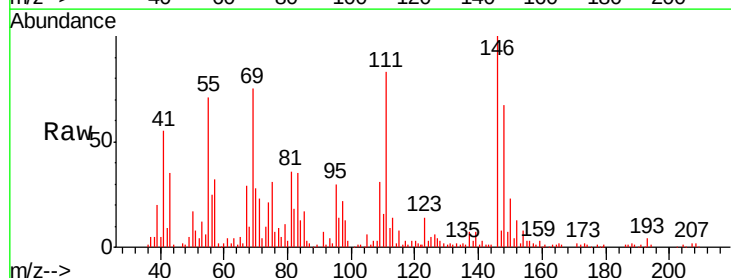
RT: 13.58 min Scan# 1916

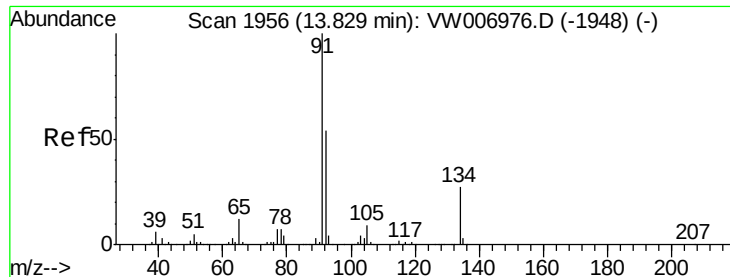
Delta R.T. -0.00 min

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





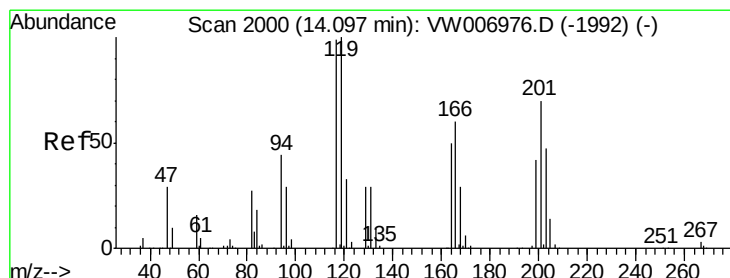
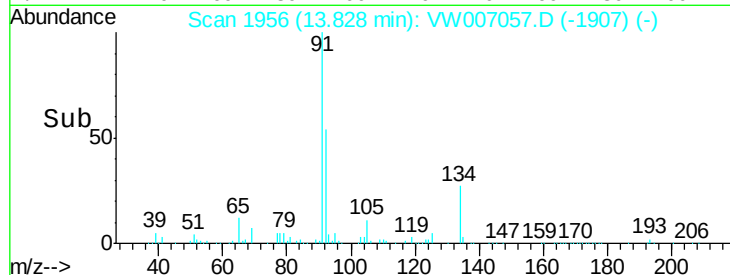
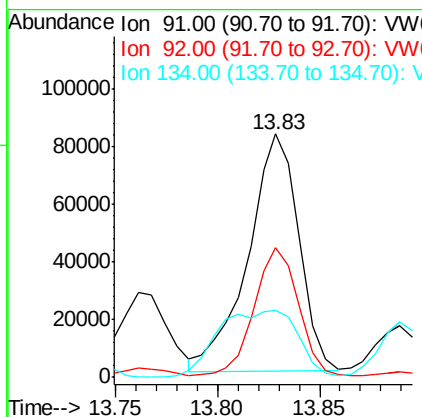
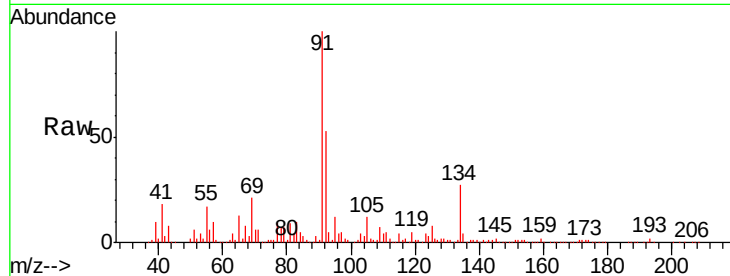
#89
n-Butylbenzene
Concen: 85.92 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

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

Tgt Ion	Ratio	Lower	Upper
91	100		
92	47.6	26.8	80.4
134	44.5	13.3	39.8

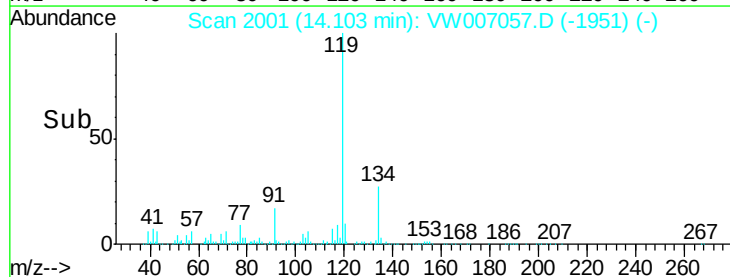
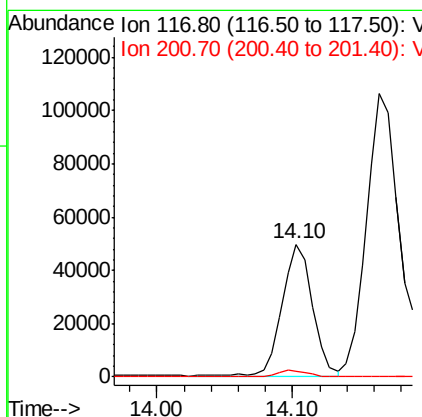
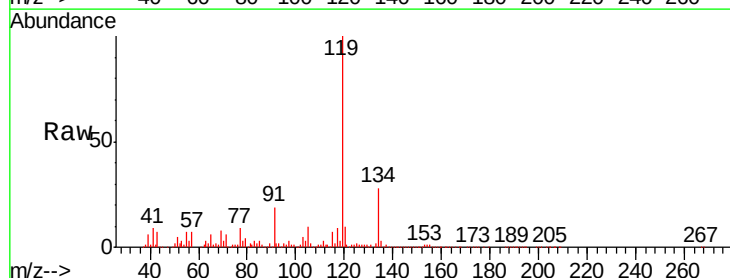
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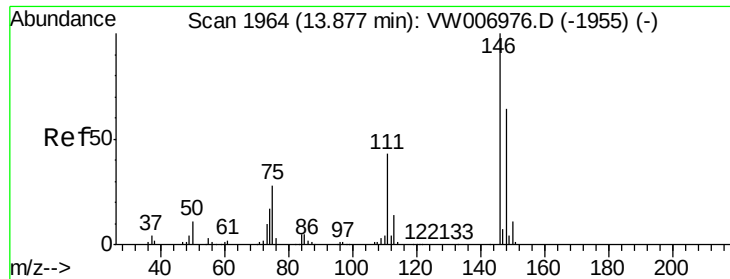
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#90
Hexachloroethane
Concen: 296.84 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	5.2	35.9	107.5





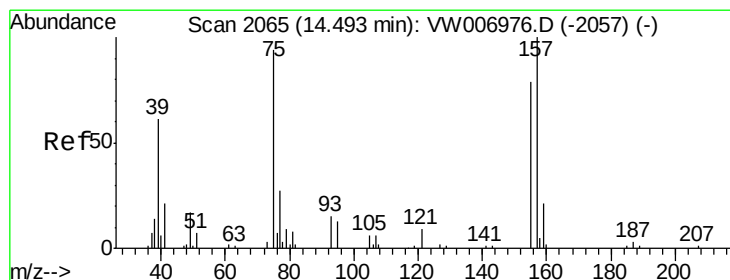
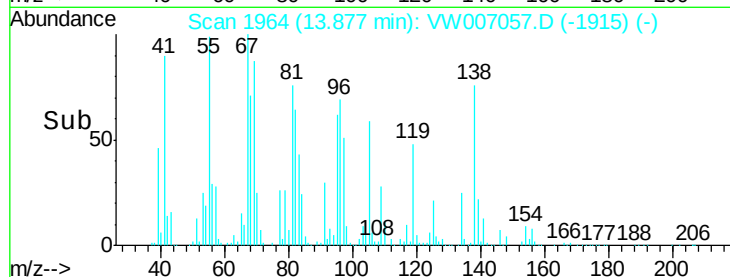
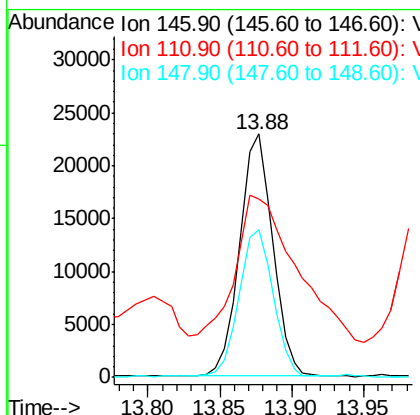
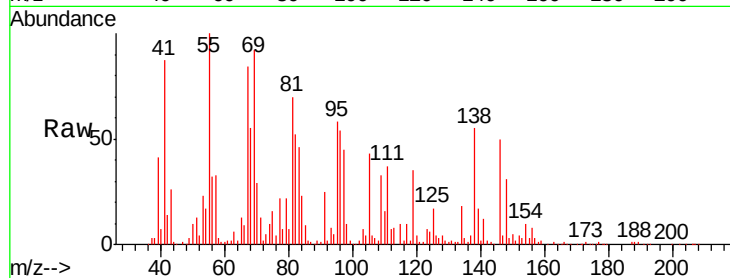
#91
 1,2-Dichlorobenzene
 Concen: 50.59 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW007057.D
 Acq: 26 Nov 2018 19:23

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

Tgt Ion:146 Resp: 36603
 Ion Ratio Lower Upper
 146 100
 111 123.5 21.9 65.7#
 148 62.7 32.2 96.6

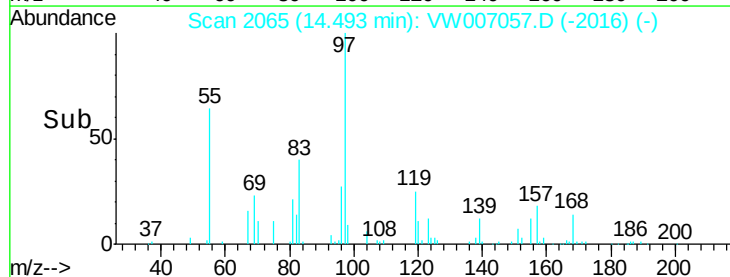
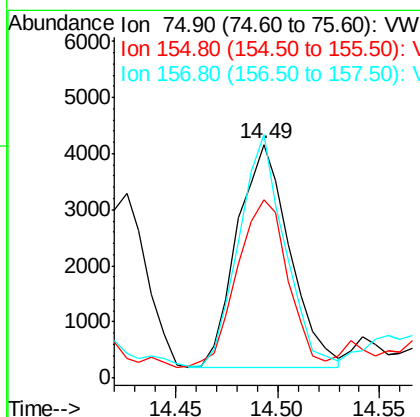
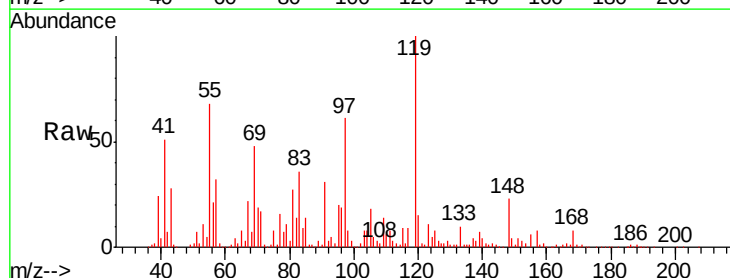
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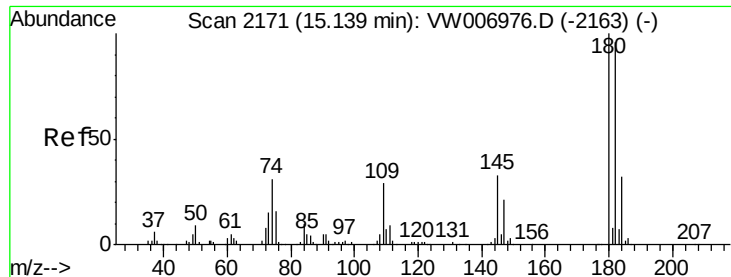
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 168.99 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW007057.D
 Acq: 26 Nov 2018 19:23

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





#93

1,2,4-Trichlorobenzene

Concen: 22.42 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

Tgt Ion:180 Resp: 10694

Ion Ratio Lower Upper

180 100

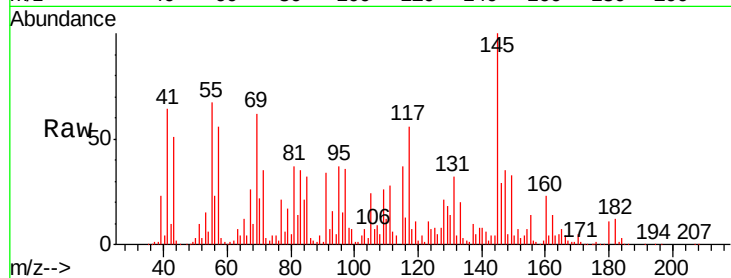
182 98.9 47.1 141.3

145 1219.3 16.5 49.5

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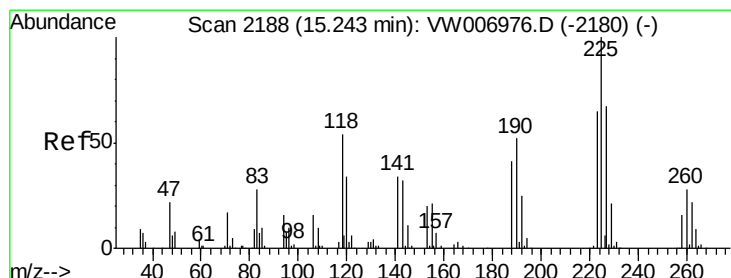
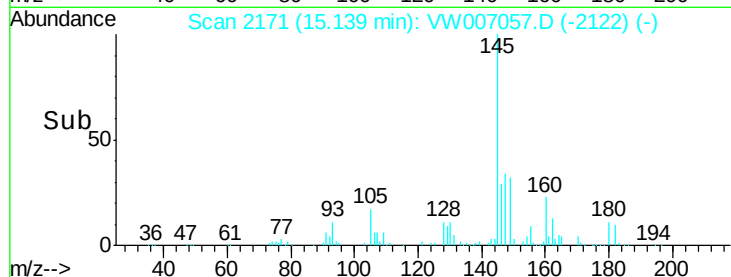
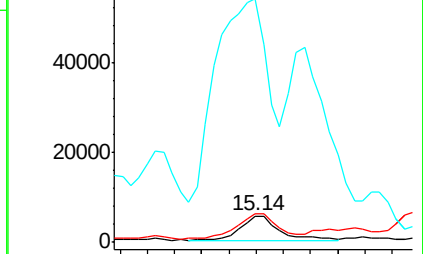
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Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 9.50 ug/l

RT: 15.24 min Scan# 2188

Delta R.T. -0.00 min

Lab File: VW007057.D

Acq: 26 Nov 2018 19:23

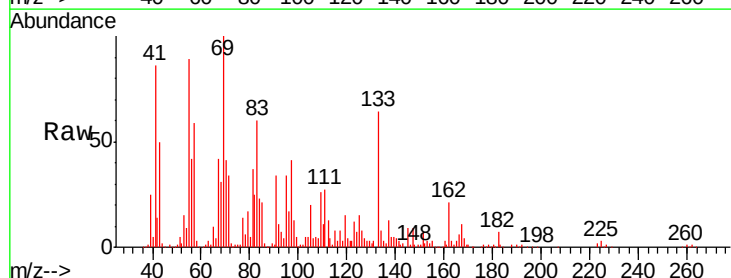
Tgt Ion:225 Resp: 2464

Ion Ratio Lower Upper

225 100

223 66.9 32.4 97.0

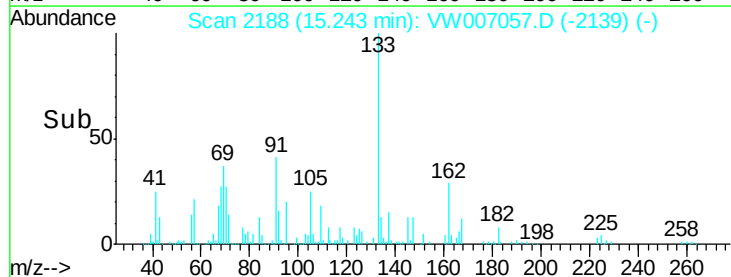
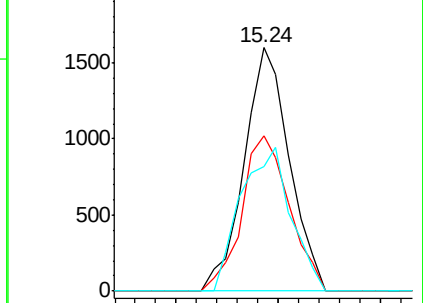
227 65.3 31.9 95.5

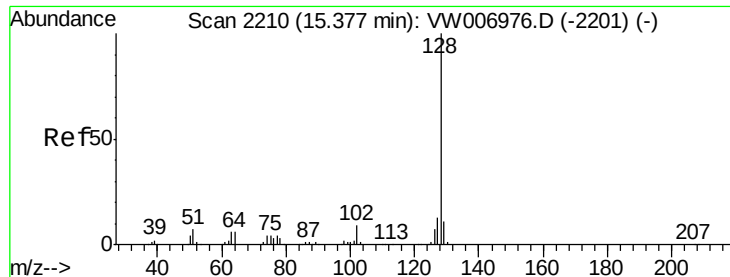


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





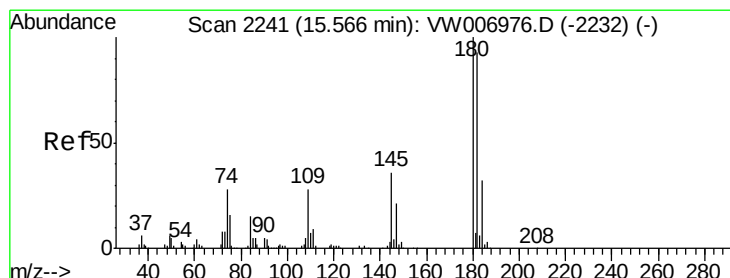
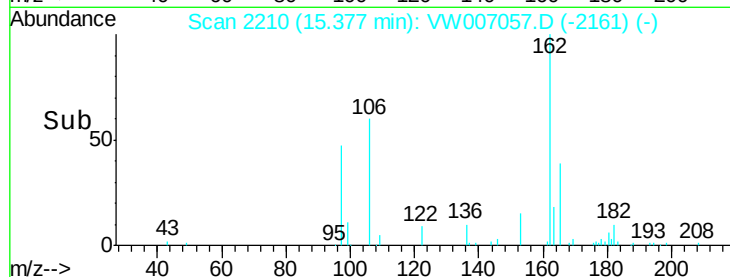
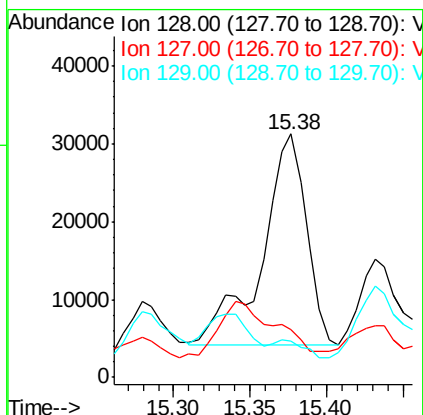
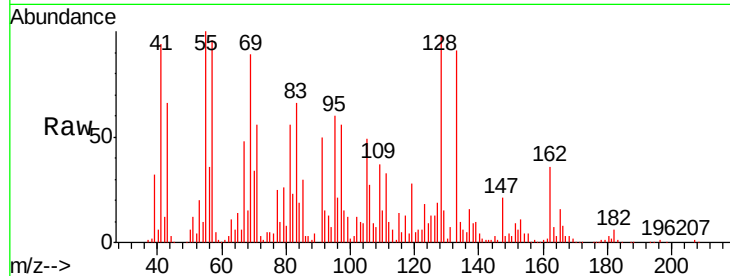
#95
Naphthalene
Concen: 63.74 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007057.D
Acq: 26 Nov 2018 19:23

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

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

Manual Integrations
APPROVED

apatel
11/27/2018 2:44:17 PM



#96
1,2,3-Trichlorobenzene
Concen: 24.00 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	Ratio	Lower	Upper
180	100		
182	93.1	47.0	141.2
145	1419.7	18.0	54.0#

