

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012819\
 Data File : VX007260.D
 Acq On : 28 Jan 2019 15:05
 Operator : JC/SP
 Sample : VX0128WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0128WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/29/2019 9:51:19 AM

Quant Time: Jan 29 00:35:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	470633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	691498	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	621303	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	319226	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	247634	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
35) Dibromofluoromethane	5.50	113	225698	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
50) Toluene-d8	8.71	98	821378	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
62) 4-Bromofluorobenzene	11.13	95	289524	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	62938	16.285	ug/l	98
3) Chloromethane	1.33	50	75771	16.841	ug/l	95
4) Vinyl Chloride	1.41	62	85767	17.721	ug/l	99
5) Bromomethane	1.64	94	87841	16.988	ug/l	96
6) Chloroethane	1.73	64	55668	16.473	ug/l	100
7) Trichlorofluoromethane	1.93	101	142003	18.159	ug/l	100
8) Diethyl Ether	2.19	74	56531	18.171	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	85469	18.256	ug/l	98
10) Methyl Iodide	2.51	142	112494	17.813	ug/l	99
11) Tert butyl alcohol	3.07	59	113055	97.441	ug/l	98
12) 1,1-Dichloroethene	2.38	96	78294	18.101	ug/l	97
13) Acrolein	2.29	56	47762	97.355	ug/l	98
14) Allyl chloride	2.73	41	140591	18.965	ug/l	99
15) Acrylonitrile	3.15	53	261834	98.304	ug/l	98
16) Acetone	2.45	43	243098	99.976	ug/l	98
17) Carbon Disulfide	2.57	76	158751	14.255	ug/l	100
18) Methyl Acetate	2.78	43	151977	21.583	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	293888	19.575	ug/l	97
20) Methylene Chloride	2.86	84	90185	19.151	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	81978	17.007	ug/l	98
22) Diisopropyl ether	3.87	45	267155	19.170	ug/l	95
23) Vinyl Acetate	3.82	43	1080964	91.974	ug/l	98
24) 1,1-Dichloroethane	3.70	63	147351	18.909	ug/l	98
25) 2-Butanone	4.70	43	341679	98.206	ug/l	96
26) 2,2-Dichloropropane	4.58	77	110424	18.427	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	95834	18.024	ug/l	98
28) Bromochloromethane	5.03	49	68451	20.049	ug/l	95
29) Tetrahydrofuran	5.15	42	215504	95.311	ug/l	98
30) Chloroform	5.22	83	157822	19.343	ug/l	100
31) Cyclohexane	5.57	56	118538	17.091	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	128793	18.623	ug/l	97
36) 1,1-Dichloropropene	5.80	75	105376	17.528	ug/l	98
37) Ethyl Acetate	4.85	43	124152	19.262	ug/l	98
38) Carbon Tetrachloride	5.79	117	110528	18.273	ug/l	95

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Manual Integrations
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	128432	16.757	ug/l	97
40) Benzene	6.14	78	341669	18.625	ug/l	97
41) Methacrylonitrile	5.06	41	68424	18.428	ug/l	98
42) 1,2-Dichloroethane	6.20	62	119563	18.861	ug/l	100
43) Isopropyl Acetate	6.46	43	194835	19.164	ug/l	99
44) Trichloroethene	7.21	130	103236	18.780	ug/l	99
45) 1,2-Dichloropropane	7.52	63	87325	18.935	ug/l	96
46) Dibromomethane	7.66	93	62920	19.412	ug/l	98
47) Bromodichloromethane	7.90	83	106711	19.342	ug/l	97
48) Methyl methacrylate	7.77	41	101808	19.500	ug/l	97
49) 1,4-Dioxane	7.76	88	44413	367.061	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	667908	102.224	ug/l	99
52) Toluene	8.78	92	219925	18.653	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	114443	18.707	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	130517	19.319	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	96935	20.540	ug/l	97
56) Ethyl methacrylate	9.18	69	133818	19.423	ug/l	94
57) 1,3-Dichloropropane	9.37	76	154114	19.933	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	380513	107.418	ug/l	97
59) 2-Hexanone	9.49	43	504783	101.380	ug/l	99
60) Dibromochloromethane	9.58	129	92755	20.241	ug/l	97
61) 1,2-Dibromoethane	9.67	107	101725	19.579	ug/l	99
64) Tetrachloroethene	9.34	164	108111	20.098	ug/l	92
65) Chlorobenzene	10.14	112	256642	18.939	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	93205	20.446	ug/l	99
67) Ethyl Benzene	10.25	91	412390	18.434	ug/l	97
68) m/p-Xylenes	10.36	106	319517	36.252	ug/l	99
69) o-Xylene	10.69	106	158001	18.381	ug/l	98
70) Styrene	10.71	104	252794	18.569	ug/l	97
71) Bromoform	10.85	173	67755	19.770	ug/l #	98
73) Isopropylbenzene	11.02	105	421288	18.716	ug/l	100
74) N-amyl acetate	10.90	43	168020	18.539	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	139382	19.505	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	134525m	20.795	ug/l	
77) Bromobenzene	11.26	156	117773	18.989	ug/l	99
78) n-propylbenzene	11.36	91	464470	18.796	ug/l	99
79) 2-Chlorotoluene	11.42	91	278092	18.695	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	348216	18.513	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	33108	18.059	ug/l	87
82) 4-Chlorotoluene	11.51	91	320864	18.630	ug/l	100
83) tert-Butylbenzene	11.77	119	342340	18.243	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	355328	18.787	ug/l	98
85) sec-Butylbenzene	11.94	105	425593	18.990	ug/l	100
86) p-Isopropyltoluene	12.06	119	378108	18.861	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	206228	18.396	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	206080	19.490	ug/l	98
89) n-Butylbenzene	12.39	91	309625	18.118	ug/l	99
90) Hexachloroethane	12.60	117	57000	19.683	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	209106	18.901	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	26995	19.100	ug/l	98

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ClientSampleId :
VX0128WBS01

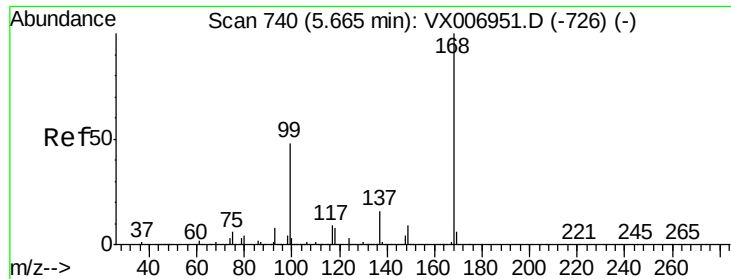
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	140496	18.510	ug/l	99
94) Hexachlorobutadiene	13.78	225	67555	20.056	ug/l	99
95) Naphthalene	13.83	128	431076	18.743	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	141074	18.710	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007260.D

Acq: 28 Jan 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0128WBS01

Tot Ion:168 Resp: 470633

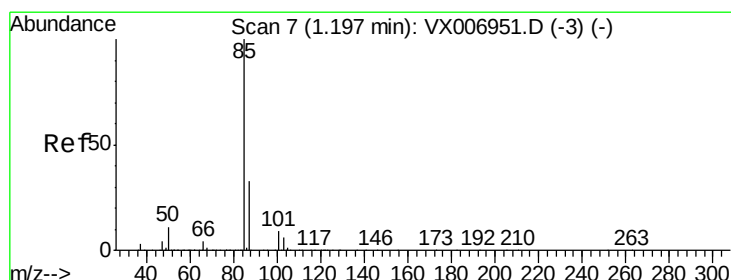
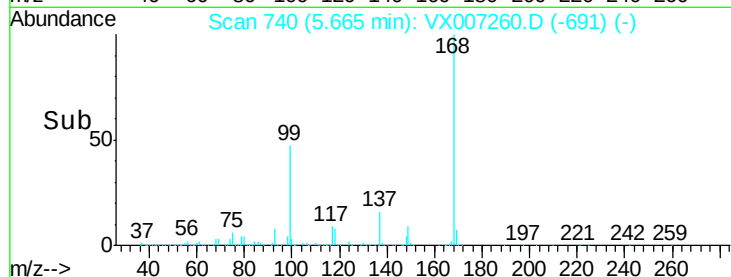
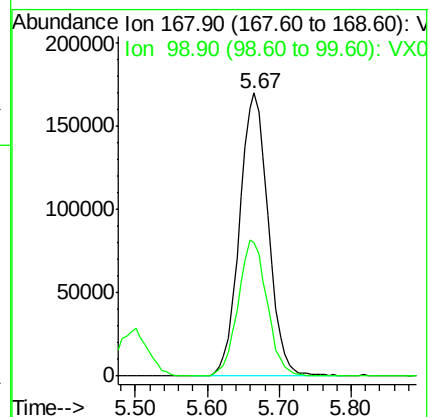
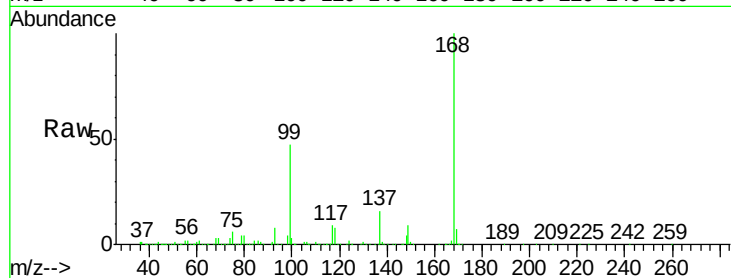
Ion Ratio Lower Upper

168 100

99 47.1 41.8 62.8

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#2

Dichlorodifluoromethane

Concen: 16.285 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007260.D

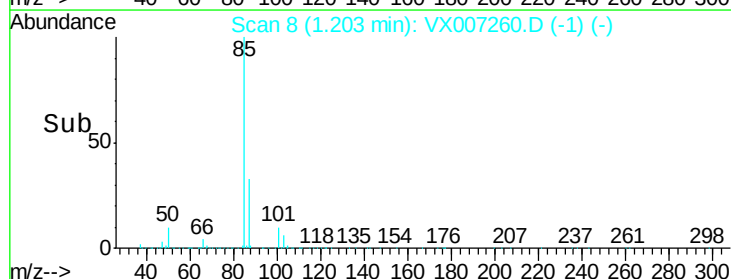
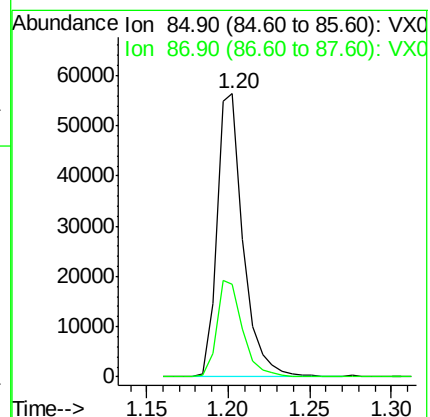
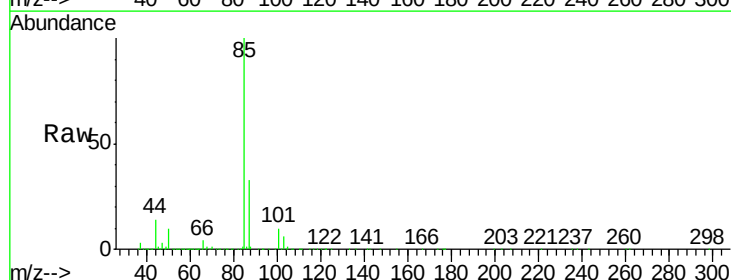
Acq: 28 Jan 2019 15:05

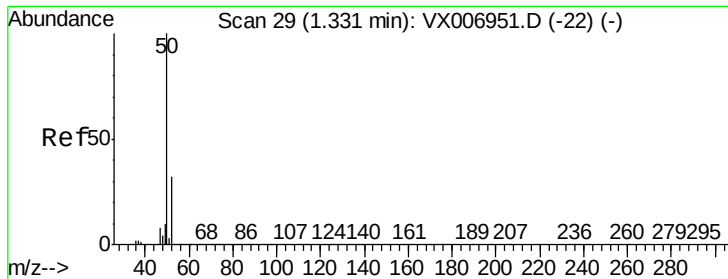
Tgt Ion: 85 Resp: 62938

Ion Ratio Lower Upper

85 100

87 32.8 15.9 47.6





#3

Chloromethane

Concen: 16.841 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007260.D

Acq: 28 Jan 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0128WBS01

Tot Ion: 50 Resp: 75771

Ion Ratio Lower Upper

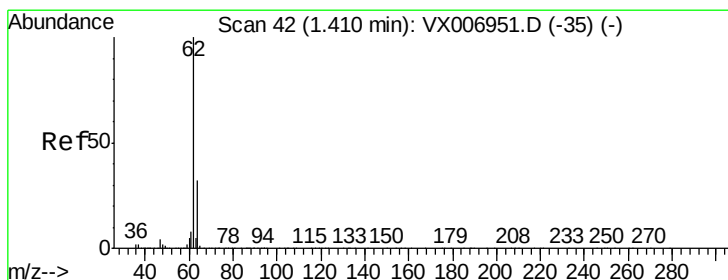
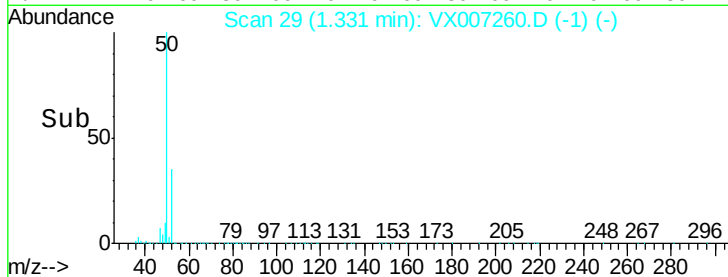
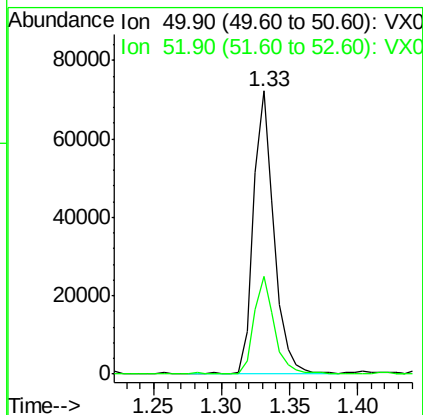
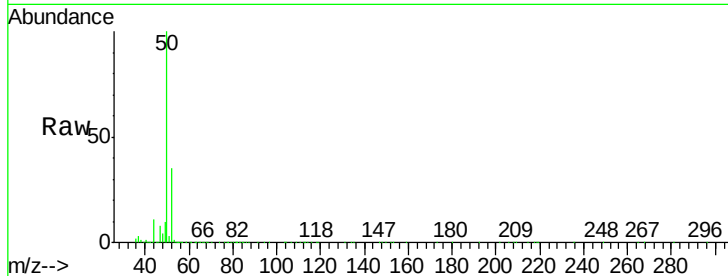
50 100

52 34.6 25.4 38.2

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#4

Vinyl Chloride

Concen: 17.721 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007260.D

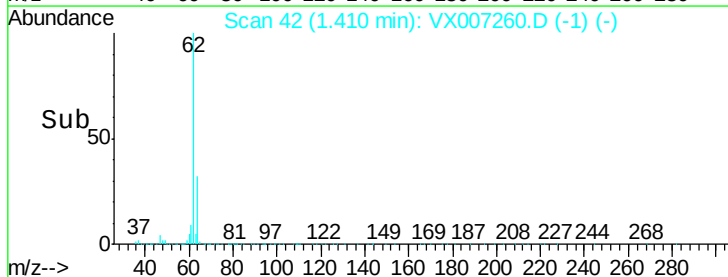
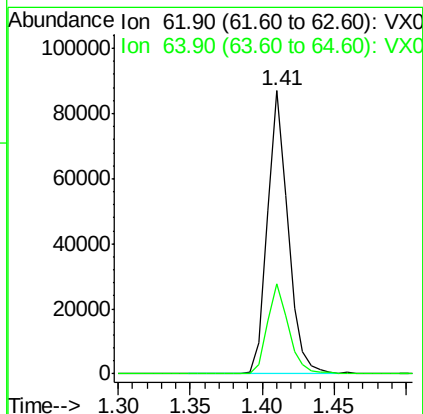
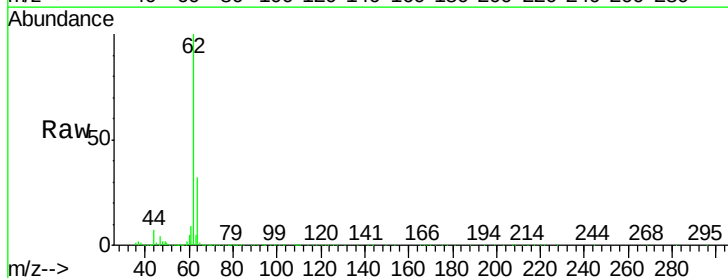
Acq: 28 Jan 2019 15:05

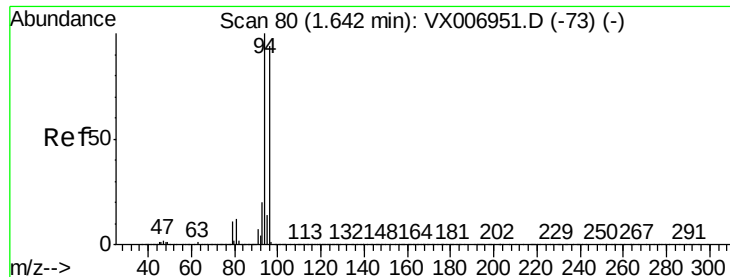
Tgt Ion: 62 Resp: 85767

Ion Ratio Lower Upper

62 100

64 31.7 25.1 37.7





#5

Bromomethane

Concen: 16.988 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007260.D

Acq: 28 Jan 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0128WBS01

Tot Ion: 94 Resp: 87841

Ion Ratio Lower Upper

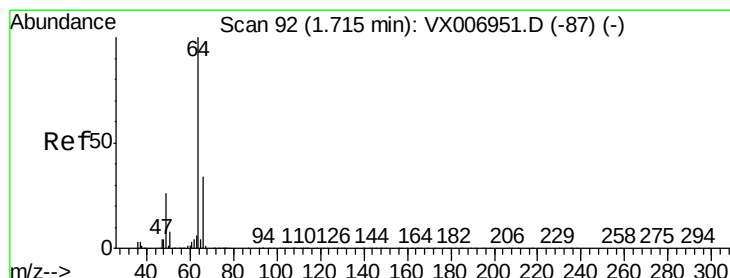
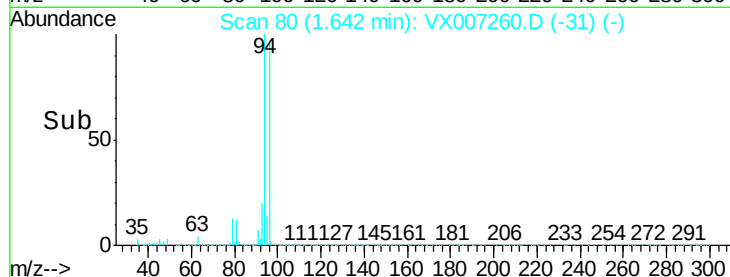
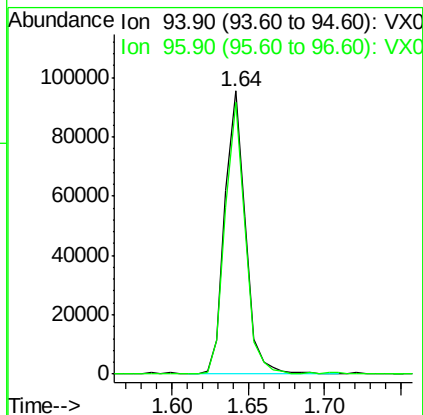
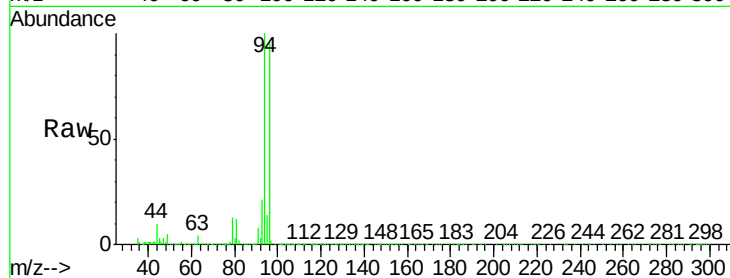
94 100

96 96.1 73.4 110.2

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#6

Chloroethane

Concen: 16.473 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007260.D

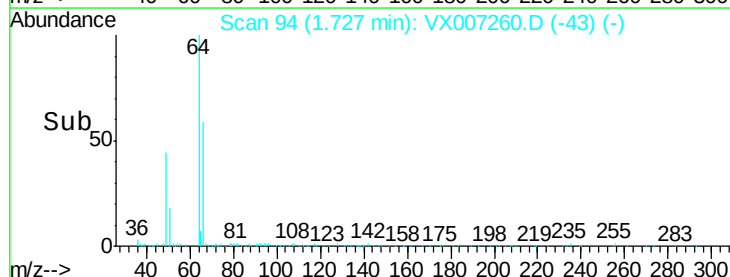
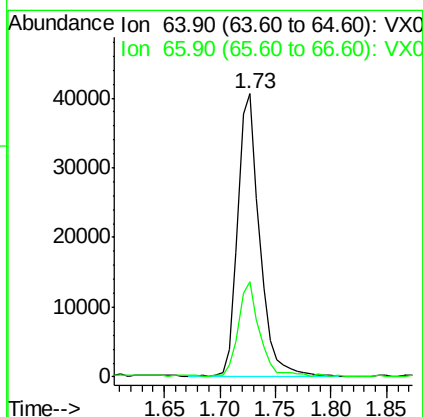
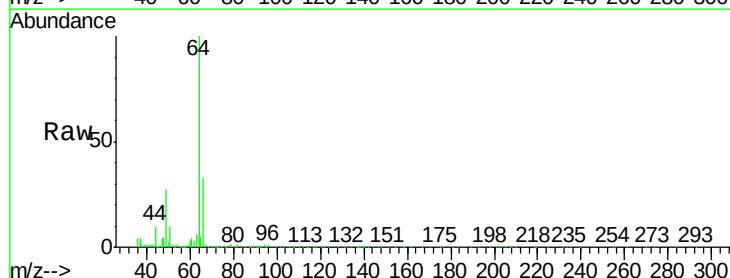
Acq: 28 Jan 2019 15:05

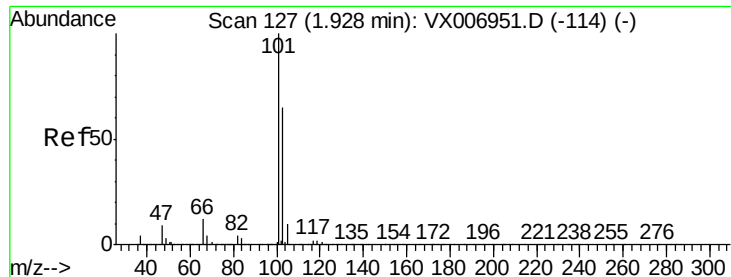
Tgt Ion: 64 Resp: 55668

Ion Ratio Lower Upper

64 100

66 32.9 26.4 39.6





#7

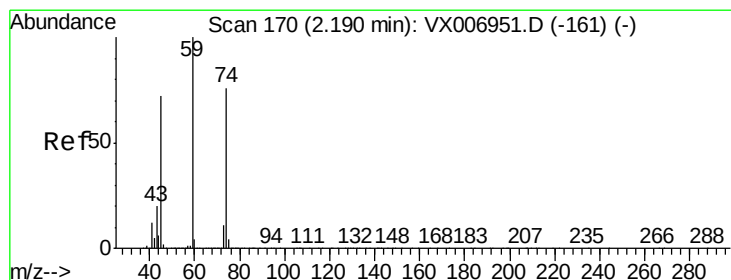
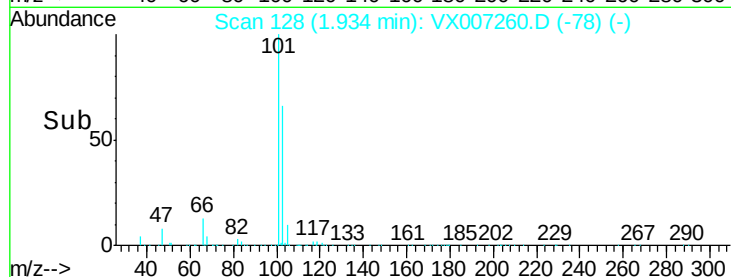
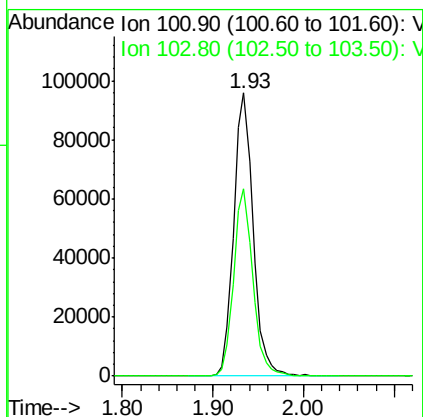
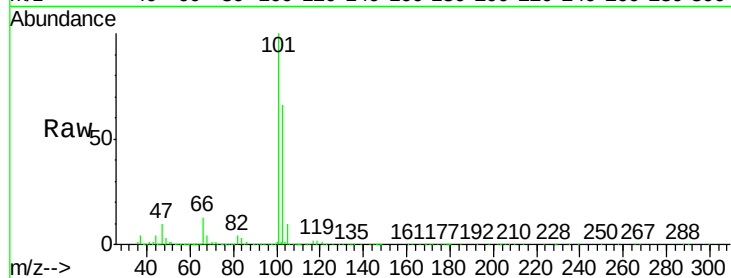
Trichlorofluoromethane
Concen: 18.159 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007260.D
Acq: 28 Jan 2019 15:05

Instrument :
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ClientSampleId :
VX0128WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.2	53.2	79.8

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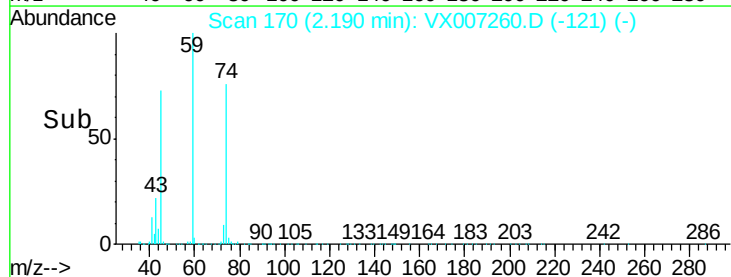
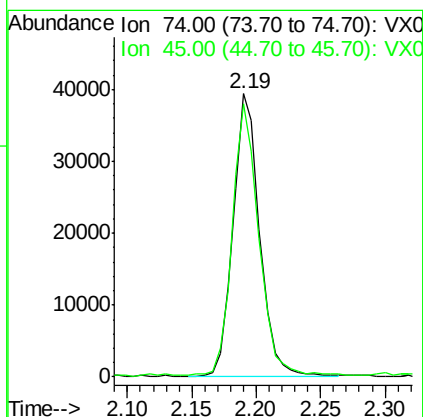
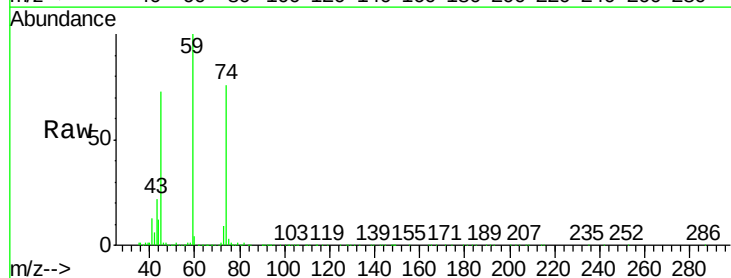
MMDadoda
1/29/2019 9:51:19 AM

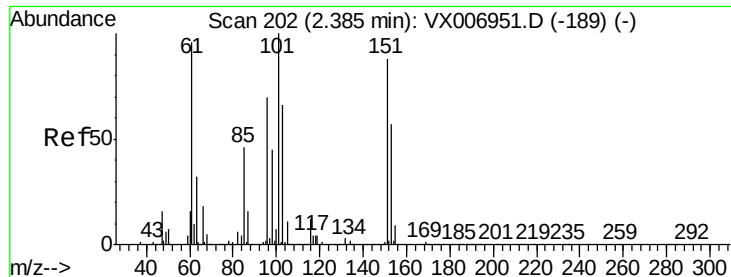


#8

Diethyl Ether
Concen: 18.171 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007260.D
Acq: 28 Jan 2019 15:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.2	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.256 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007260.D

Acq: 28 Jan 2019 15:05

Instrument :

MSVOA_X

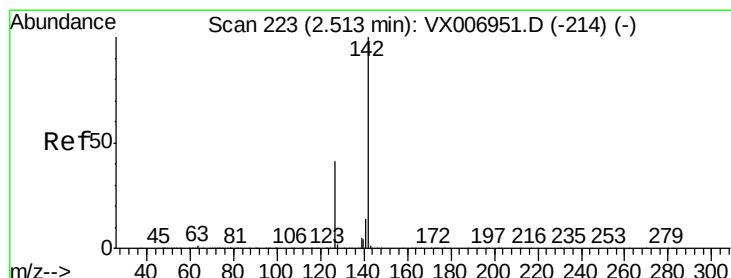
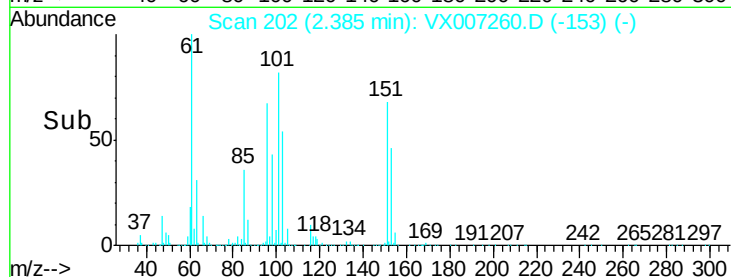
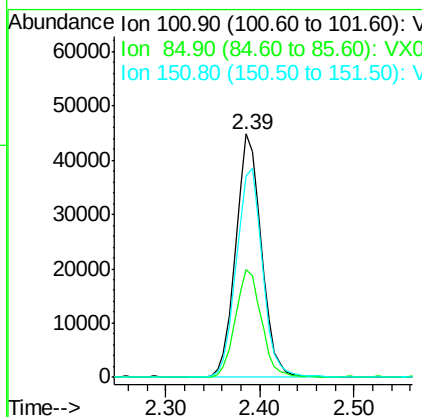
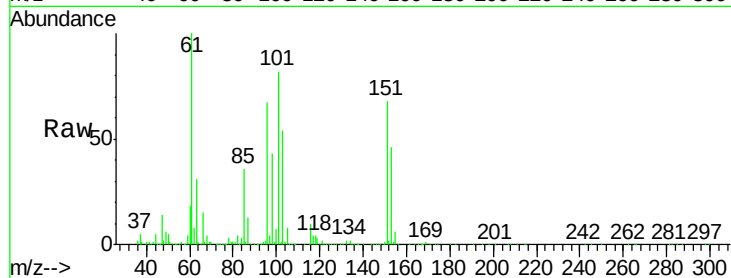
ClientSampleId :

VX0128WBS01

Tot Ion:	101	Resp:	85469
Ion Ratio	Lower	Upper	
101	100		
85	45.0	35.1	52.7
151	87.6	68.9	103.3

Manual Integrations
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1/29/2019 9:51:19 AM



#10

Methyl Iodide

Concen: 17.813 ug/l

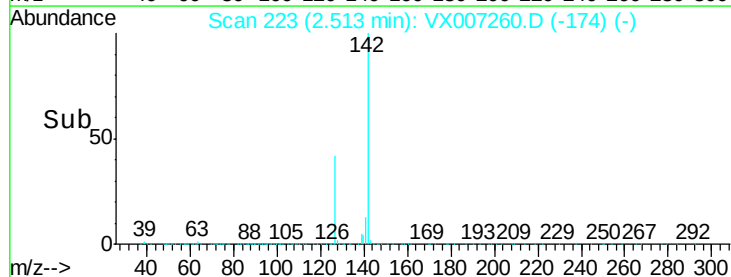
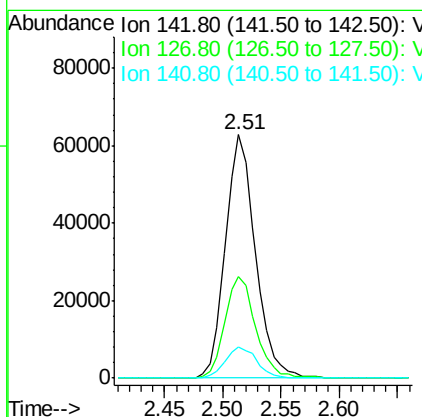
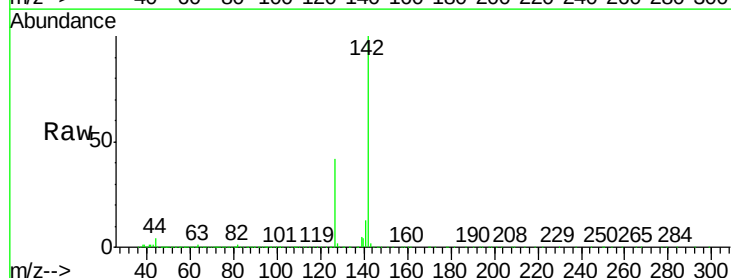
RT: 2.51 min Scan# 223

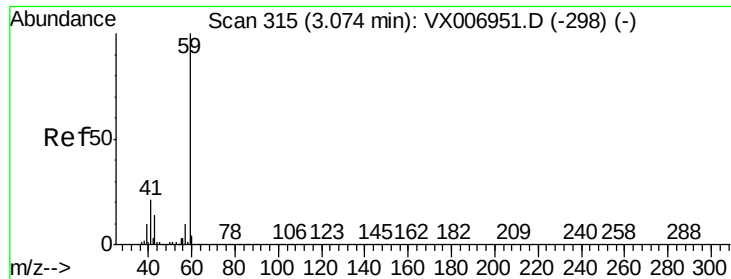
Delta R.T. 0.00 min

Lab File: VX007260.D

Acq: 28 Jan 2019 15:05

Tgt Ion:	142	Resp:	112494
Ion Ratio	Lower	Upper	
142	100		
127	43.2	33.9	50.9
141	13.7	11.4	17.0





#11

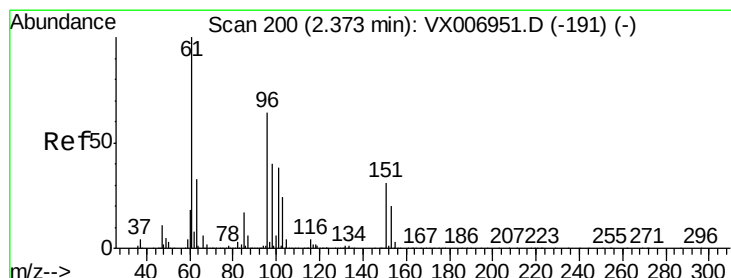
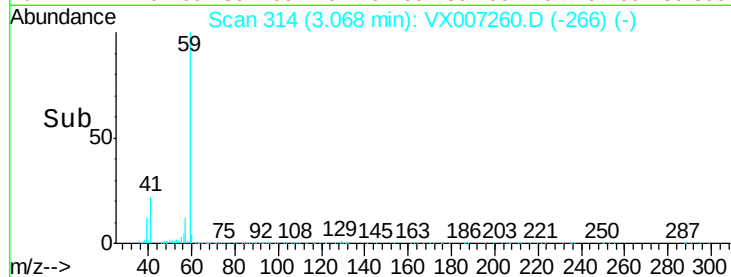
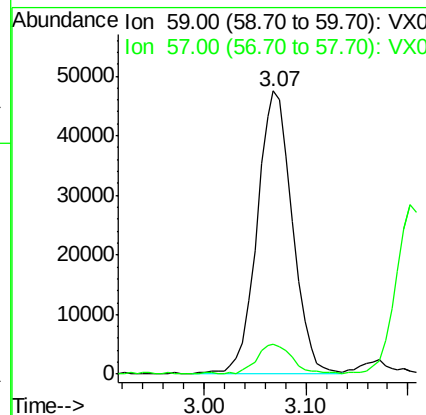
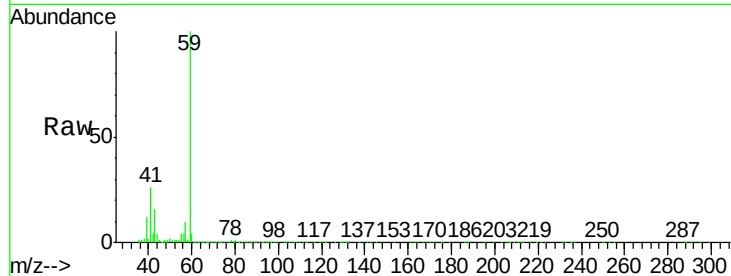
Tert butyl alcohol
Concen: 97.441 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007260.D
Acq: 28 Jan 2019 15:05

Instrument :
MSVOA_X
ClientSampled :
VX0128WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.5	12.7

Manual Integrations
APPROVED

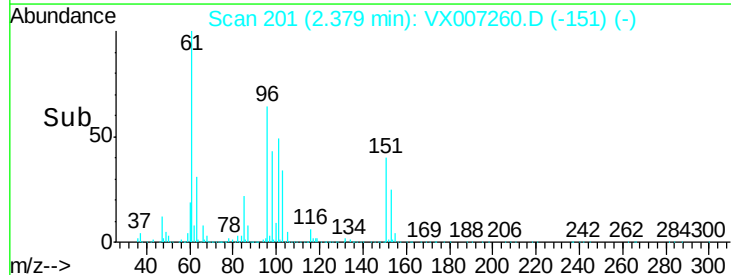
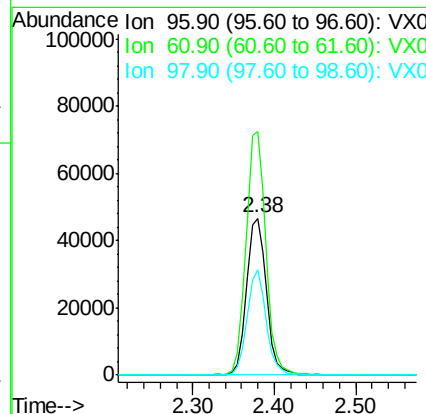
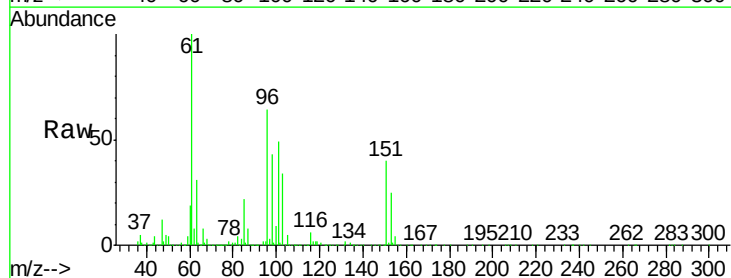
MMDadoda
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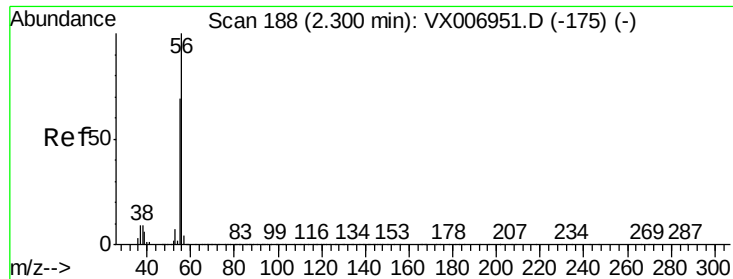


#12

1,1-Dichloroethene
Concen: 18.101 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007260.D
Acq: 28 Jan 2019 15:05

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.1	121.4	182.2
98	67.6	51.9	77.9





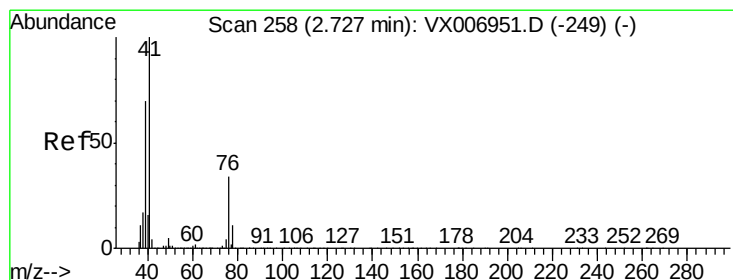
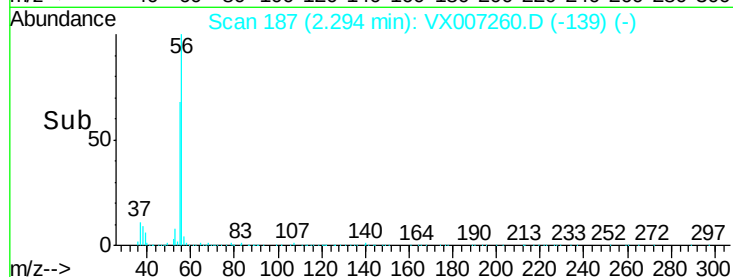
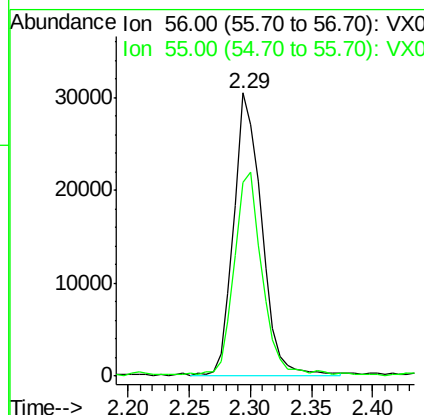
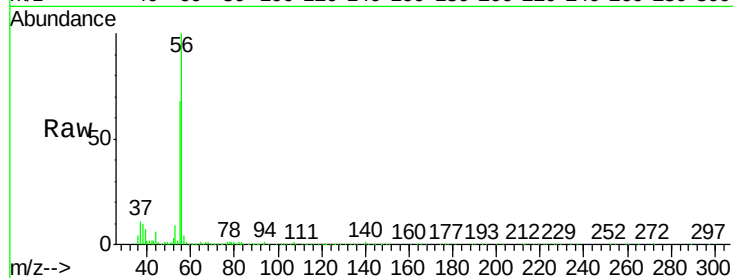
#13
 Acrolein
 Concen: 97.355 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. -0.01 min
 Lab File: VX007260.D
 Acq: 28 Jan 2019 15:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0128WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.3	58.2	87.4

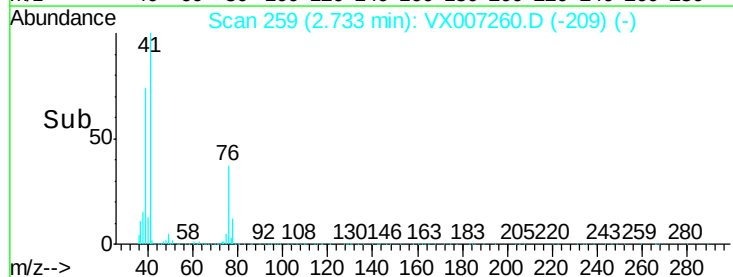
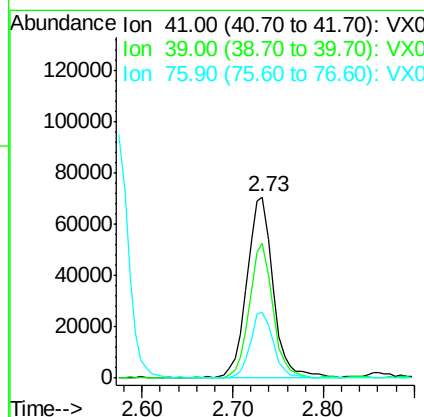
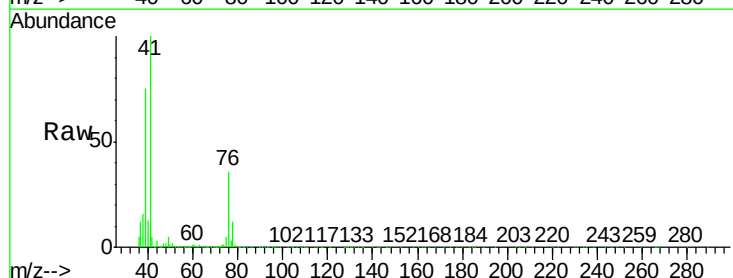
Manual Integrations
 APPROVED

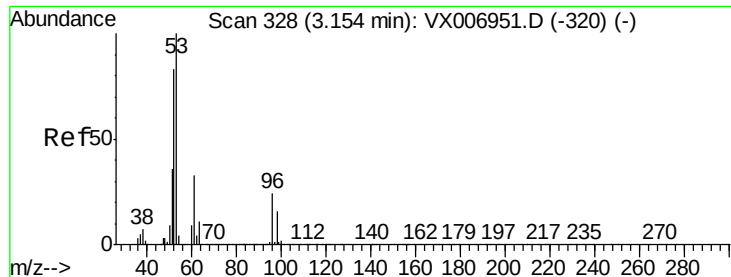
MMDadoda
 1/29/2019 9:51:19 AM



#14
 Allyl chloride
 Concen: 18.965 ug/l
 RT: 2.73 min Scan# 259
 Delta R.T. 0.01 min
 Lab File: VX007260.D
 Acq: 28 Jan 2019 15:05

Tgt Ion	Ratio	Lower	Upper
41	100		
39	66.3	53.6	80.4
76	32.9	27.4	41.2





#15

Acrylonitrile

Concen: 98.304 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007260.D

Acq: 28 Jan 2019 15:05

Instrument :

MSVOA_X

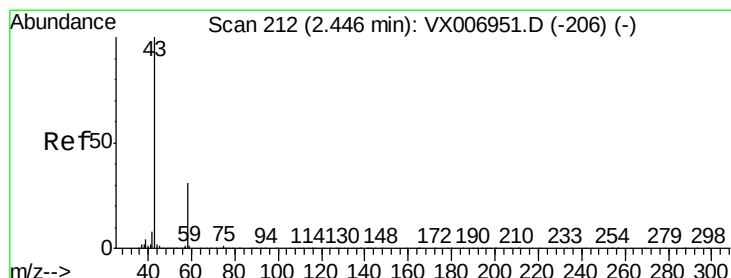
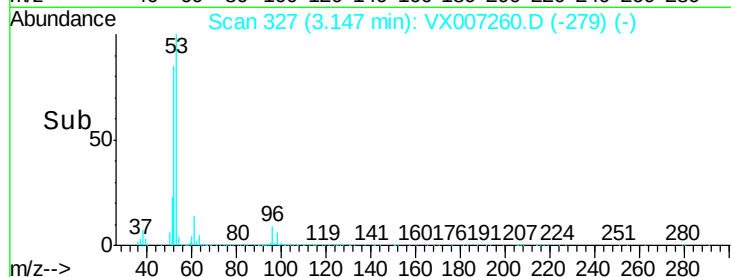
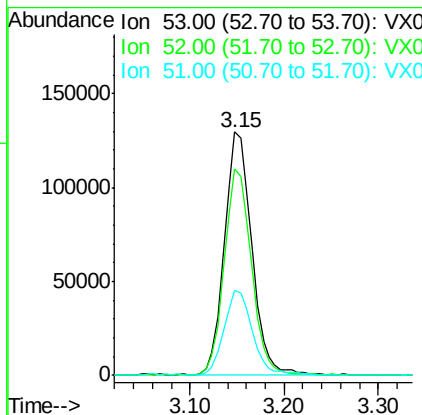
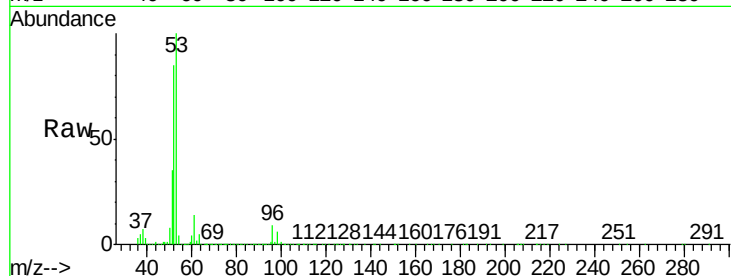
ClientSampleId :

VX0128WBS01

Tot Ion:	53	Resp:	261834
Ion Ratio		Lower	Upper
53	100		
52	84.2	66.0	99.0
51	36.3	28.6	42.8

Manual Integrations
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1/29/2019 9:51:19 AM



#16

Acetone

Concen: 99.976 ug/l

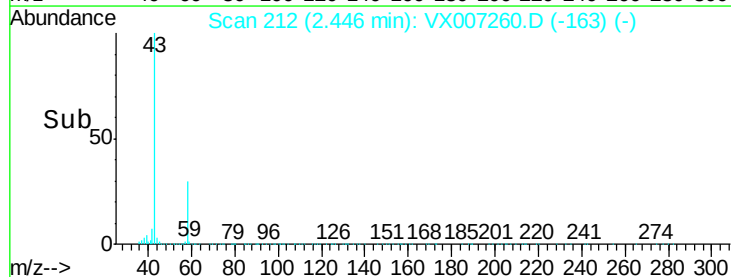
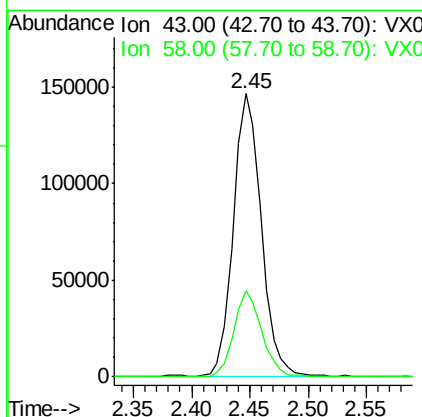
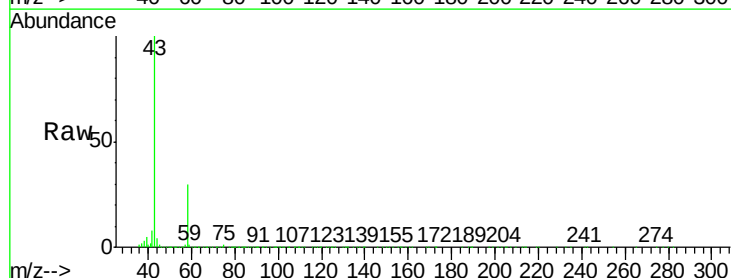
RT: 2.45 min Scan# 212

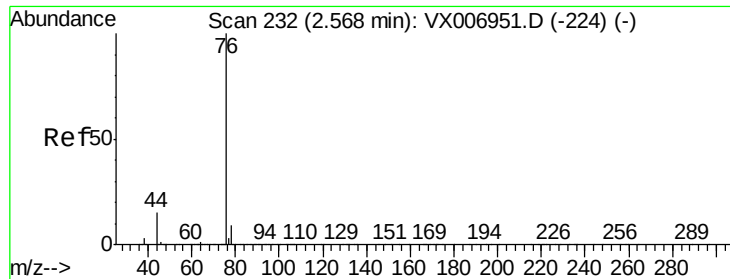
Delta R.T. 0.00 min

Lab File: VX007260.D

Acq: 28 Jan 2019 15:05

Tgt Ion:	43	Resp:	243098
Ion Ratio		Lower	Upper
43	100		
58	30.4	25.0	37.6





#17

Carbon Disulfide

Concen: 14.255 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX007260.D

Acq: 28 Jan 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0128WBS01

Tot Ion: 76 Resp: 158751

Ion Ratio Lower Upper

76 100

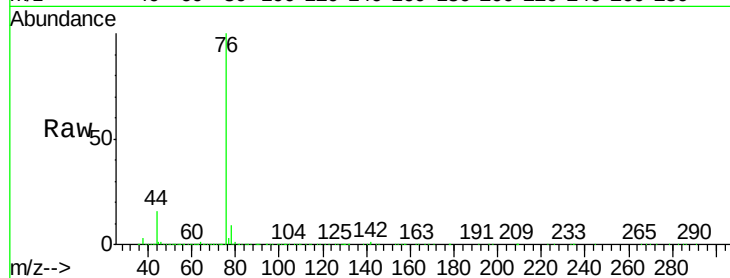
78 9.0 7.0 10.6

Manual Integrations

APPROVED

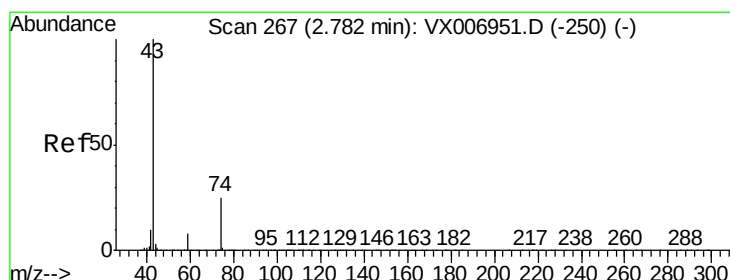
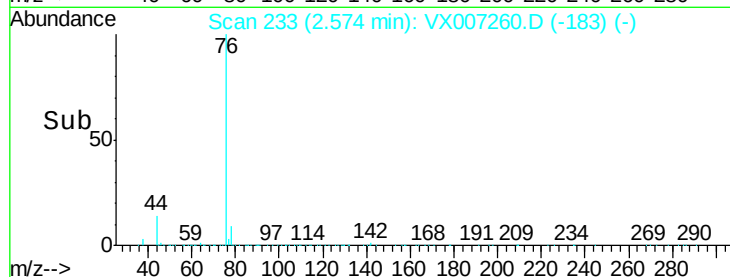
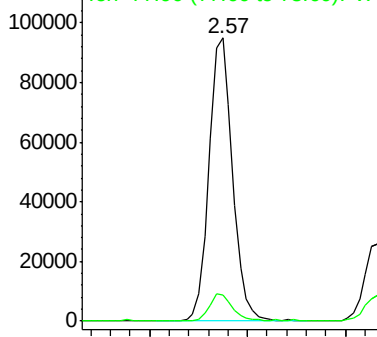
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.583 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX007260.D

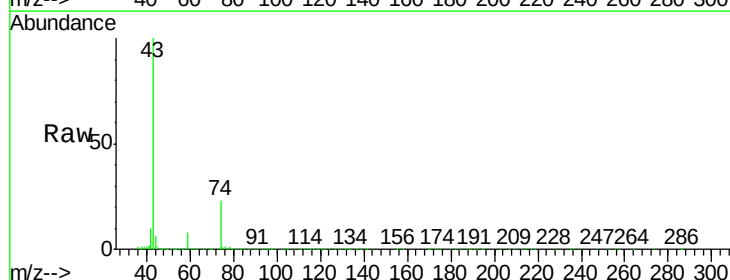
Acq: 28 Jan 2019 15:05

Tgt Ion: 43 Resp: 151977

Ion Ratio Lower Upper

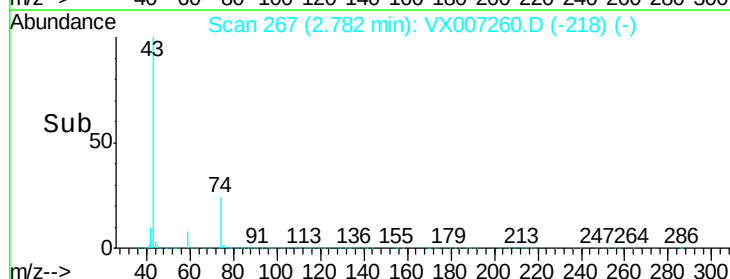
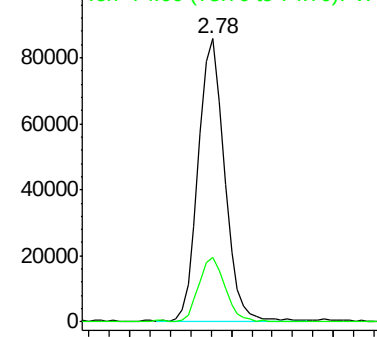
43 100

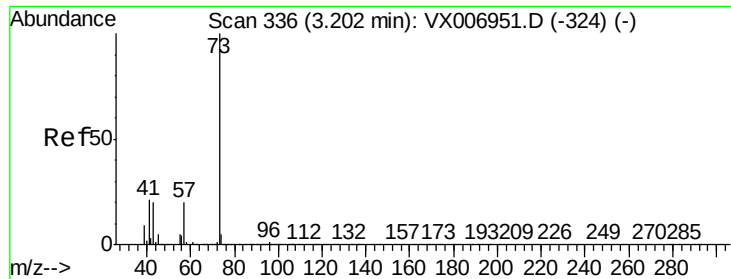
74 22.9 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

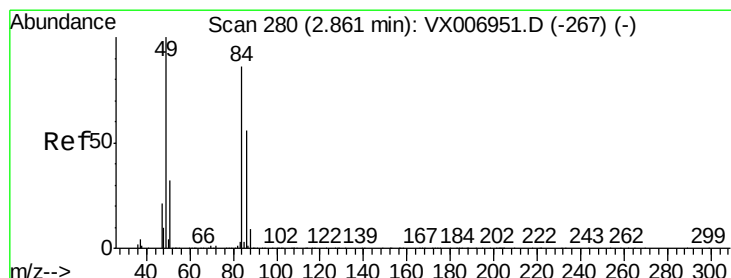
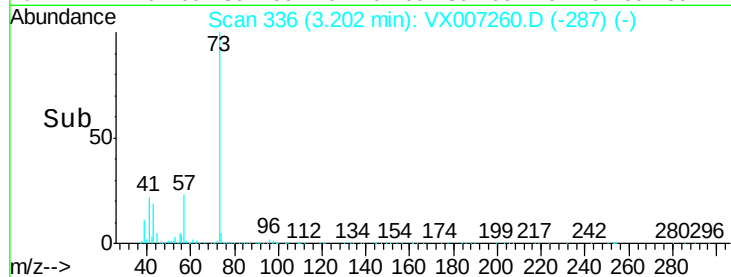
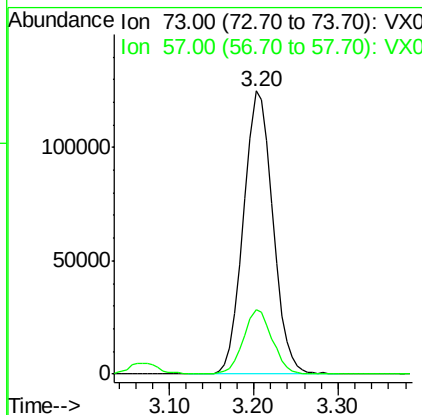
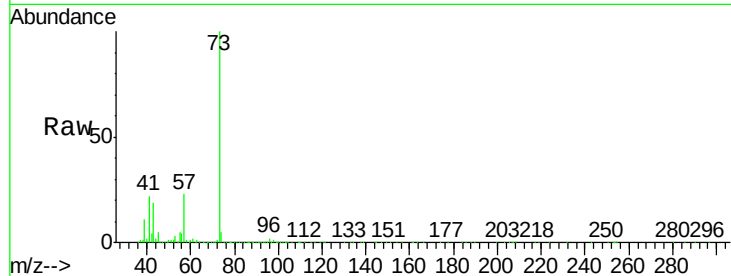
Methyl tert-butyl Ether
 Concen: 19.575 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX007260.D
 Acq: 28 Jan 2019 15:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0128WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	16.8	25.2

Manual Integrations
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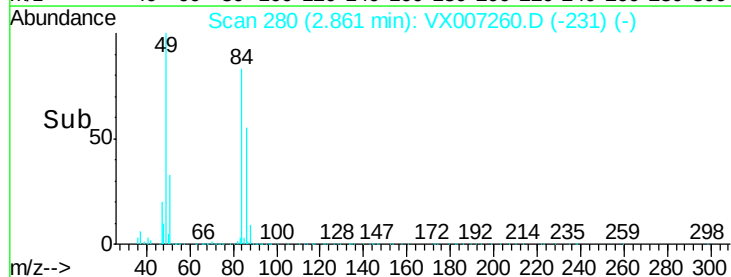
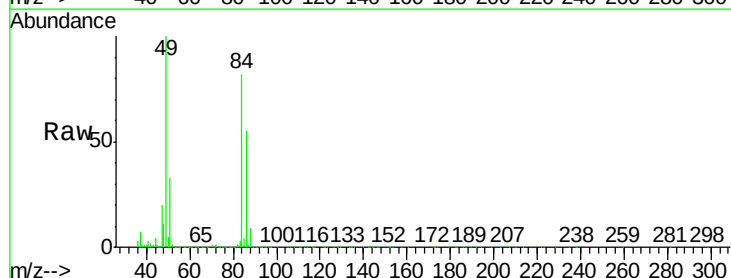
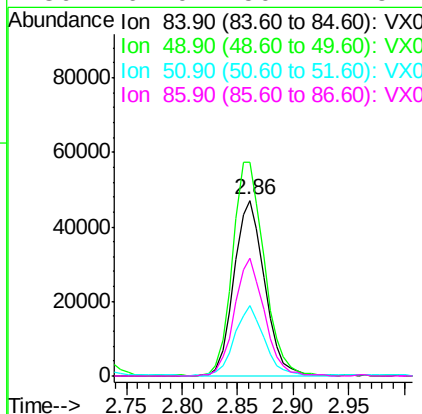
MMDadoda
 1/29/2019 9:51:19 AM

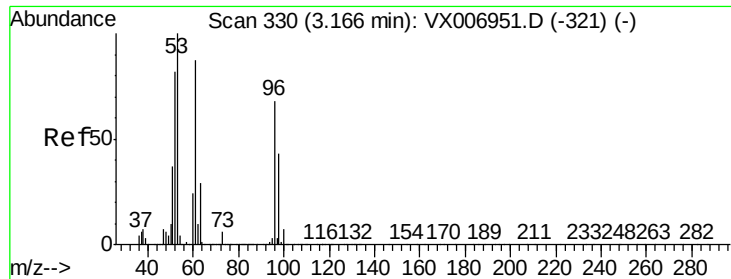


#20

Methylene Chloride
 Concen: 19.151 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX007260.D
 Acq: 28 Jan 2019 15:05

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.2	91.8	137.6
51	40.1	28.5	42.7
86	67.0	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 17.007 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007260.D

Acq: 28 Jan 2019 15:05

Instrument :

MSVOA_X

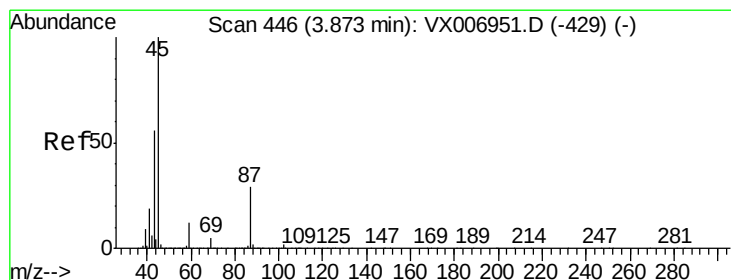
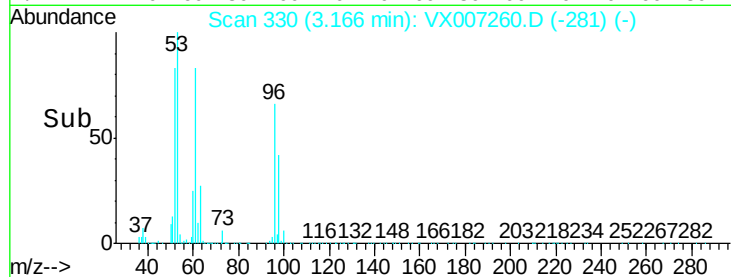
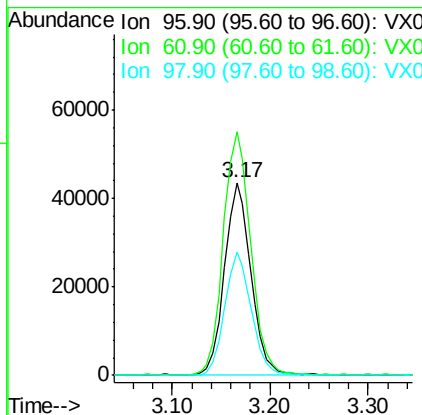
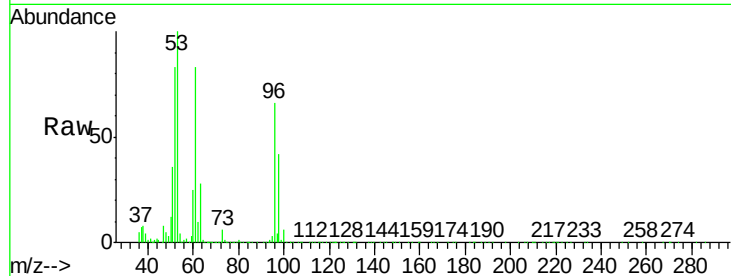
ClientSampleId :

VX0128WBS01

Tot Ion:	96	Resp:	81978
Ion	Ratio	Lower	Upper
96	100		
61	125.9	103.7	155.5
98	63.5	51.0	76.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.170 ug/l

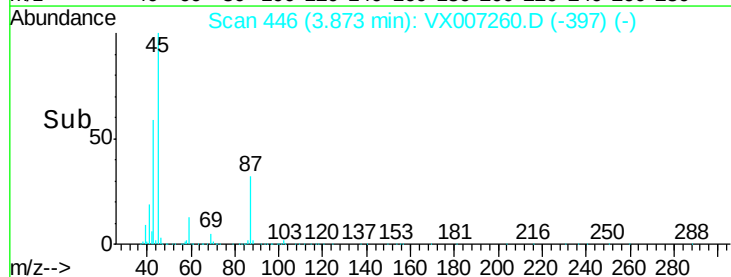
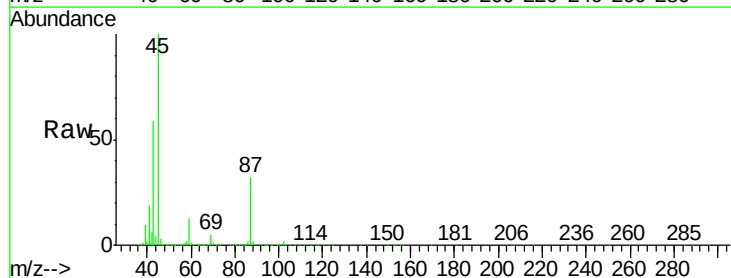
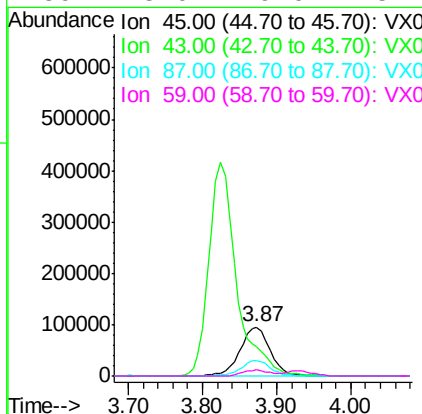
RT: 3.87 min Scan# 446

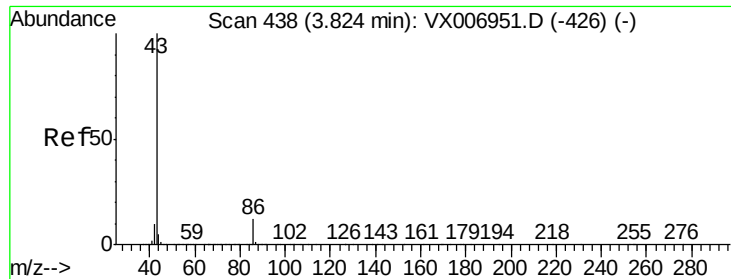
Delta R.T. 0.00 min

Lab File: VX007260.D

Acq: 28 Jan 2019 15:05

Tgt Ion:	45	Resp:	267155
Ion	Ratio	Lower	Upper
45	100		
43	58.2	51.2	76.8
87	31.8	25.8	38.6
59	13.0	9.0	13.4





#23

Vinyl Acetate

Concen: 91.974 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007260.D

Acq: 28 Jan 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0128WBS01

Tot Ion: 43 Resp: 1080964

Ion Ratio Lower Upper

43 100

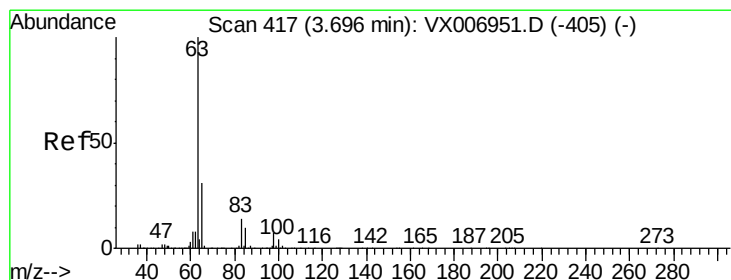
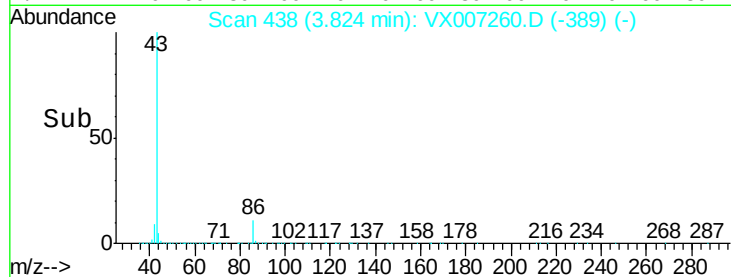
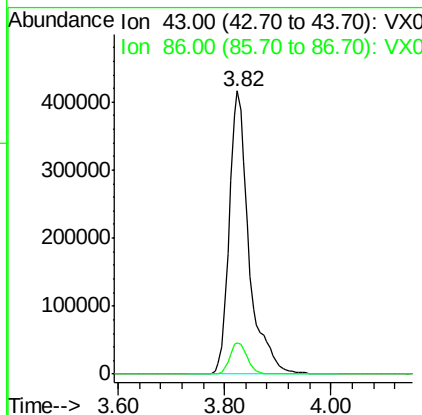
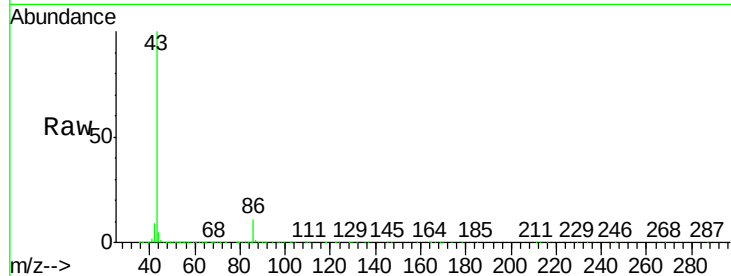
86 10.8 9.2 13.8

Manual Integrations

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1/29/2019 9:51:19 AM



#24

1,1-Dichloroethane

Concen: 18.909 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007260.D

Acq: 28 Jan 2019 15:05

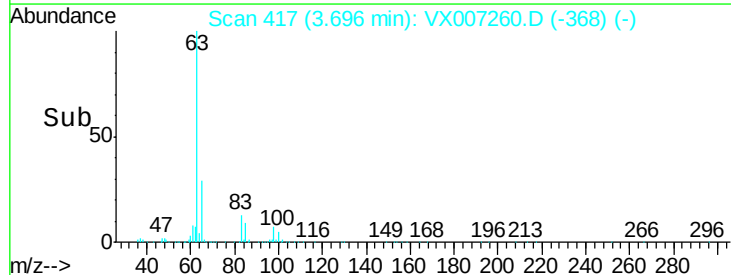
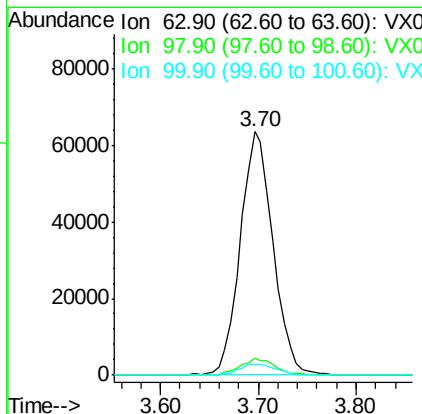
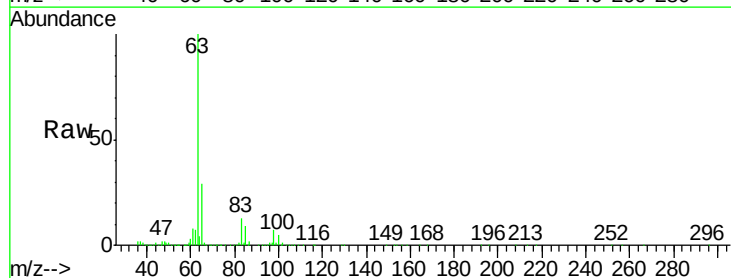
Tgt Ion: 63 Resp: 147351

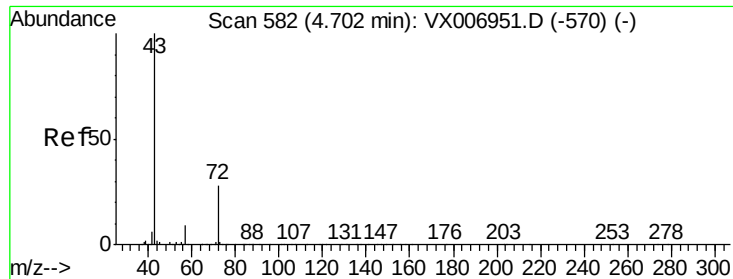
Ion Ratio Lower Upper

63 100

98 6.9 3.9 11.5

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 98.206 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007260.D

Acq: 28 Jan 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0128WBS01

Tot Ion: 43 Resp: 341679

Ion Ratio Lower Upper

43 100

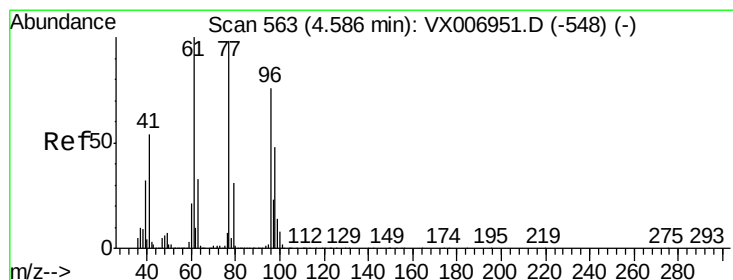
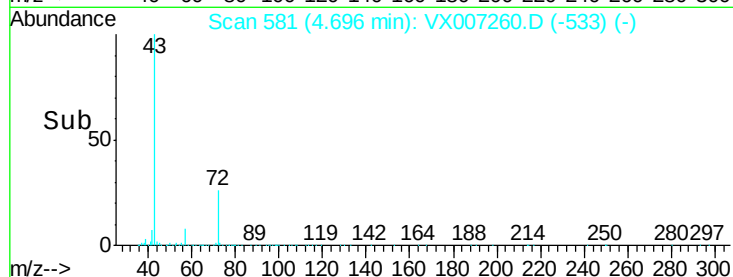
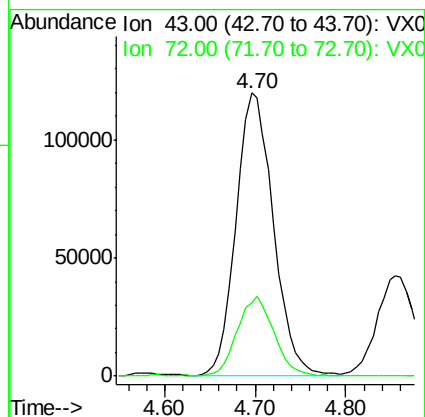
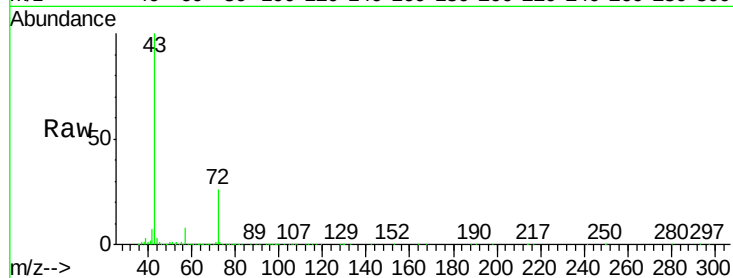
72 25.9 22.4 33.6

Manual Integrations

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MMDadoda

1/29/2019 9:51:19 AM



#26

2,2-Dichloropropane

Concen: 18.427 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX007260.D

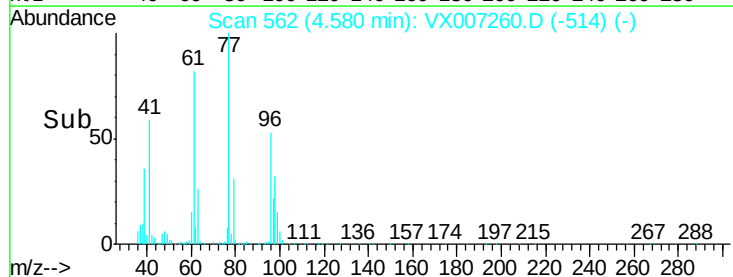
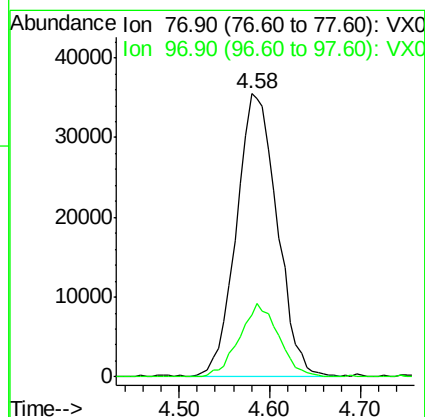
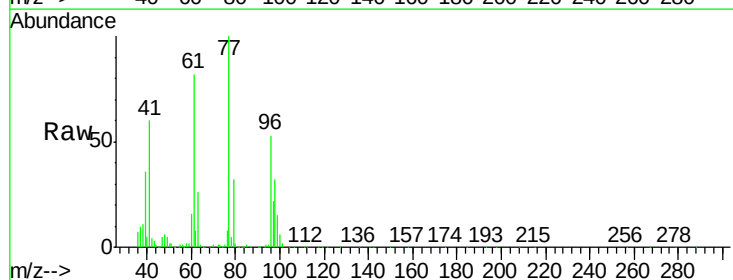
Acq: 28 Jan 2019 15:05

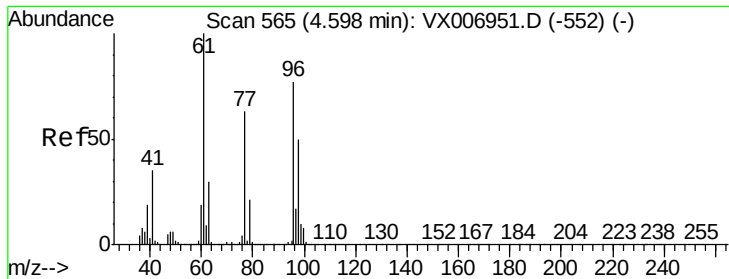
Tgt Ion: 77 Resp: 110424

Ion Ratio Lower Upper

77 100

97 25.2 12.4 37.4





#27

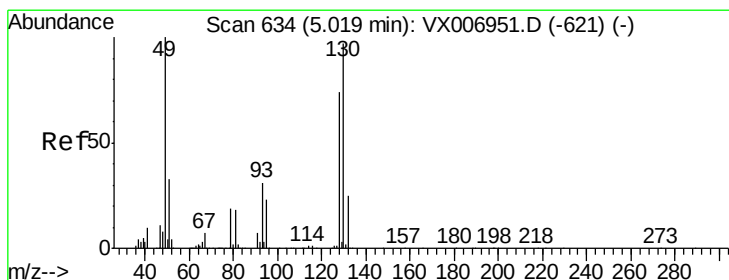
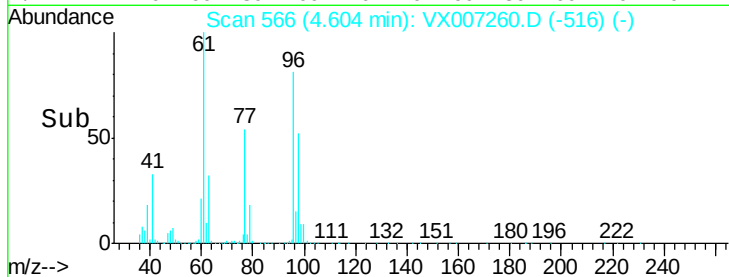
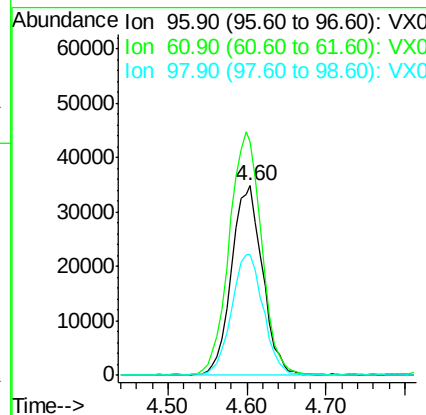
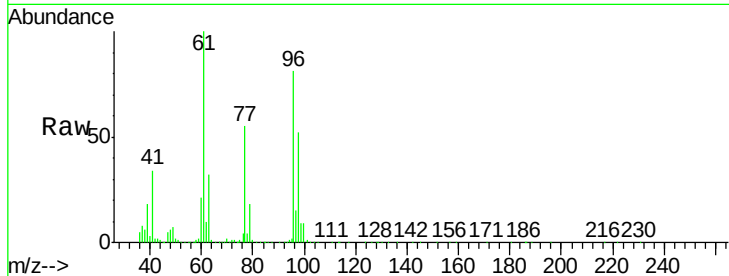
cis-1,2-Dichloroethene
Concen: 18.024 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX007260.D
Acq: 28 Jan 2019 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.7	0.0	258.6
98	65.4	0.0	132.0

Manual Integrations
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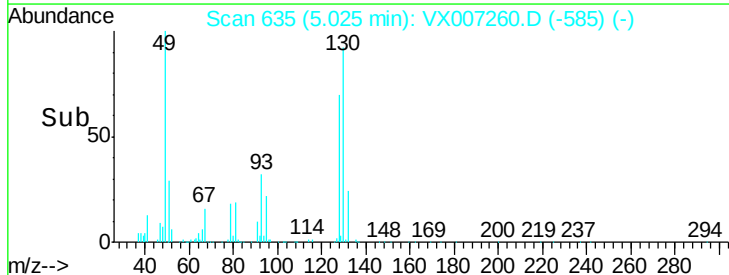
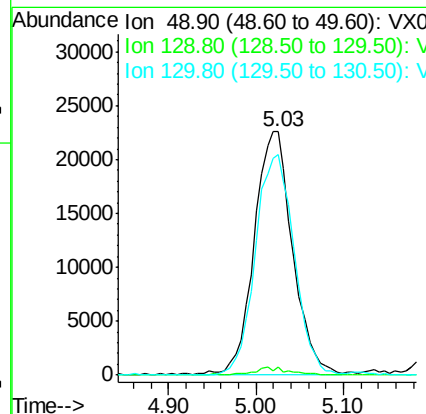
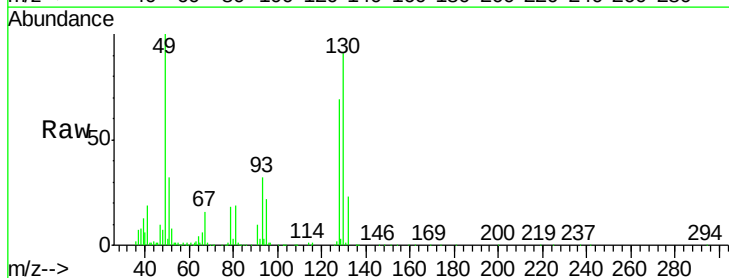
MMDadoda
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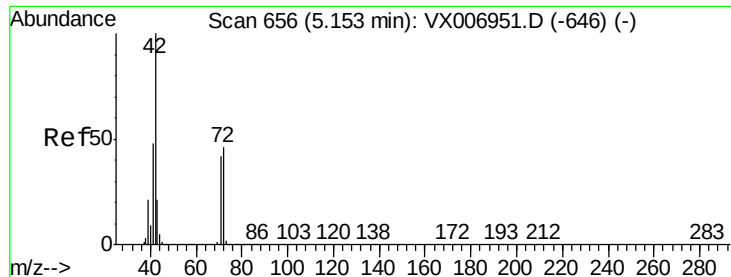


#28

Bromochloromethane
Concen: 20.049 ug/l
RT: 5.03 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX007260.D
Acq: 28 Jan 2019 15:05

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.4
130	92.4	77.7	116.5





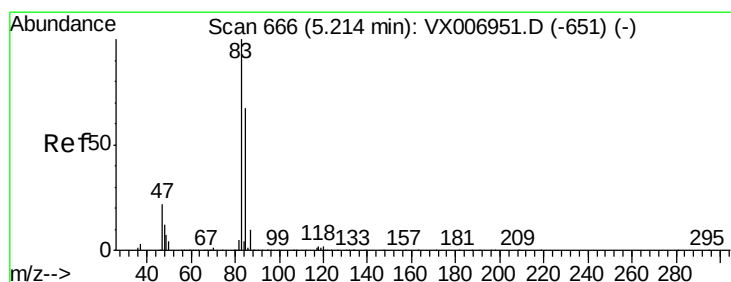
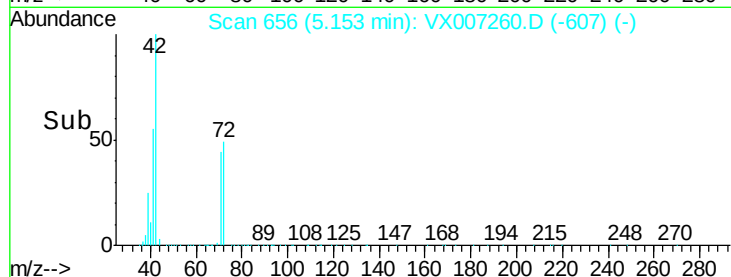
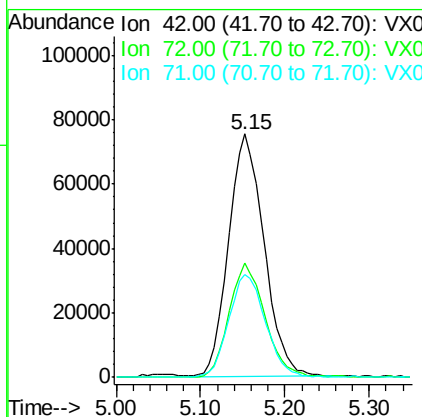
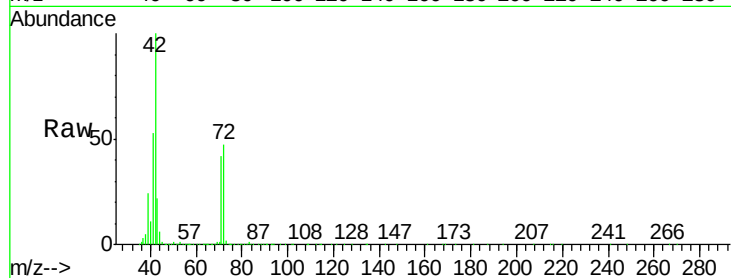
#29
Tetrahydrofuran
Concen: 95.311 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX007260.D
Acq: 28 Jan 2019 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.4	38.9	58.3
71	44.0	36.2	54.4

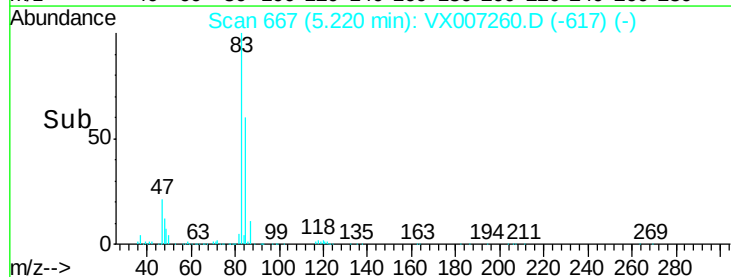
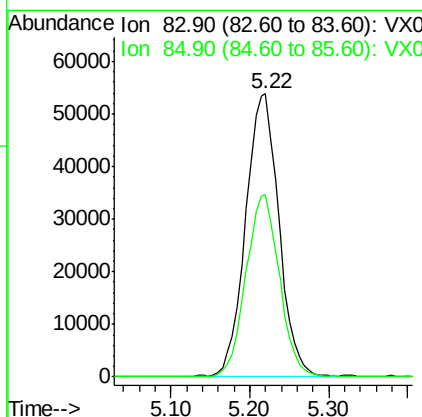
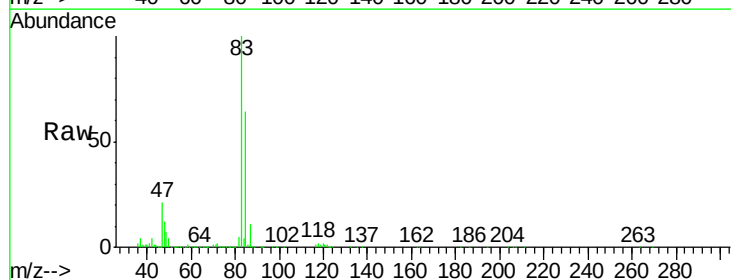
Manual Integrations
APPROVED

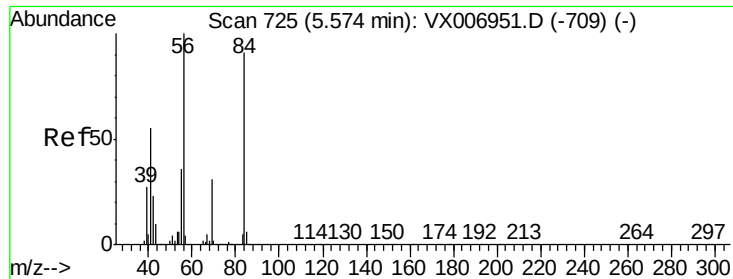
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1/29/2019 9:51:19 AM



#30
Chloroform
Concen: 19.343 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX007260.D
Acq: 28 Jan 2019 15:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.2	76.8





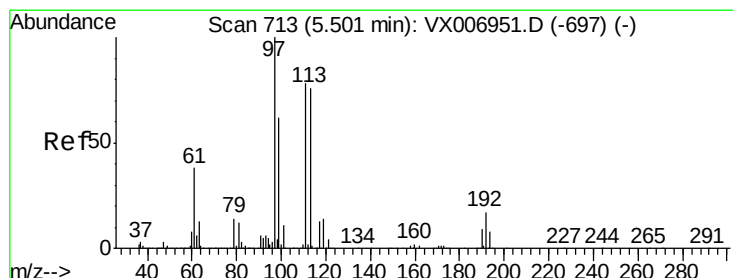
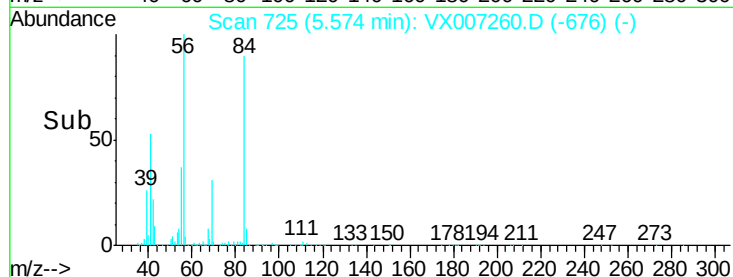
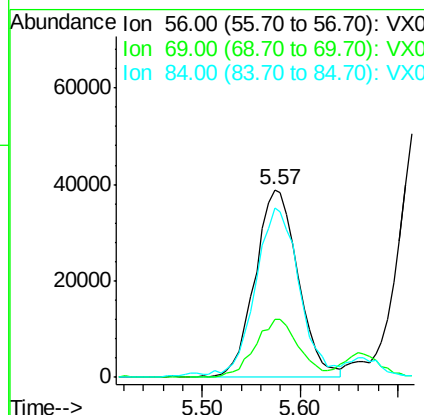
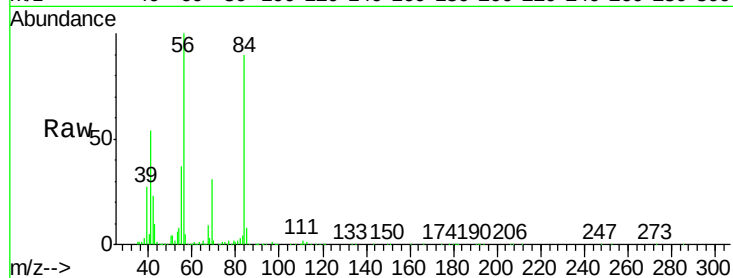
#31
Cyclohexane
Concen: 17.091 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007260.D
Acq: 28 Jan 2019 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.7	24.4	36.6
84	88.2	70.0	105.0

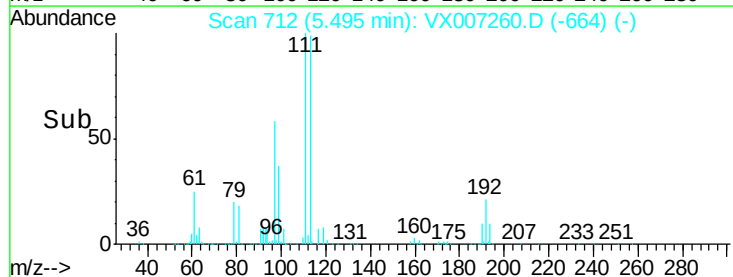
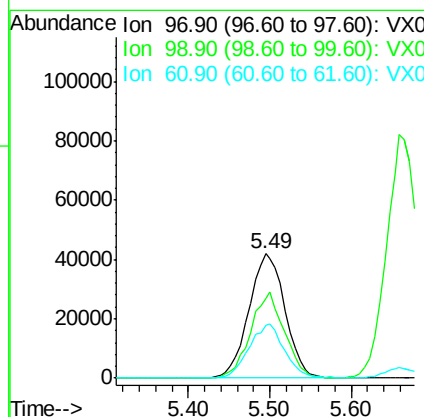
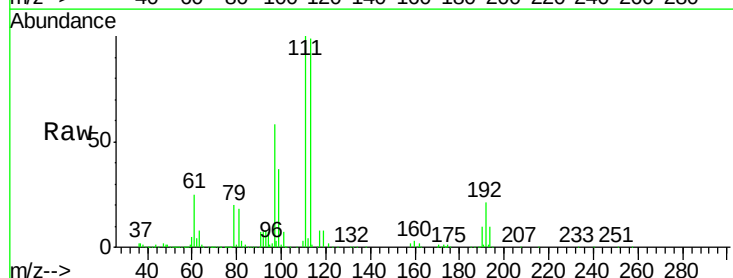
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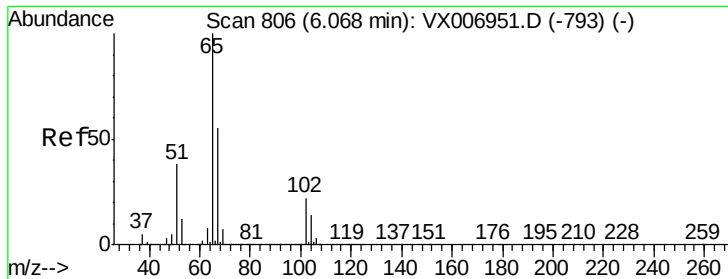
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#32
1,1,1-Trichloroethane
Concen: 18.623 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007260.D
Acq: 28 Jan 2019 15:05

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.7	77.5
61	42.7	31.3	46.9





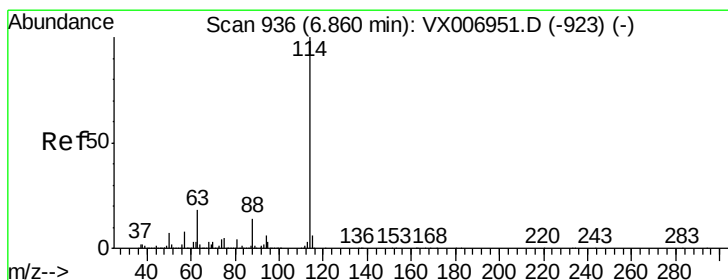
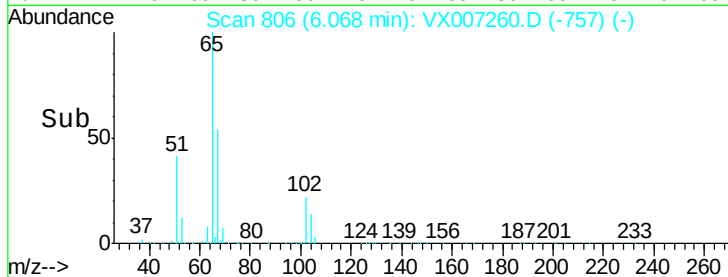
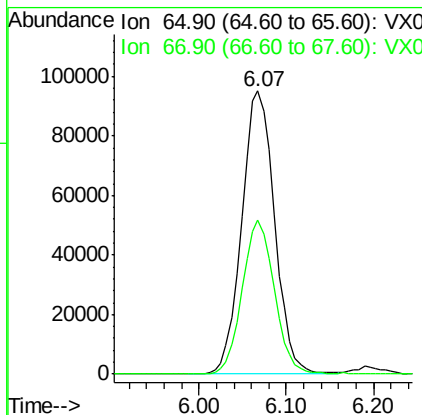
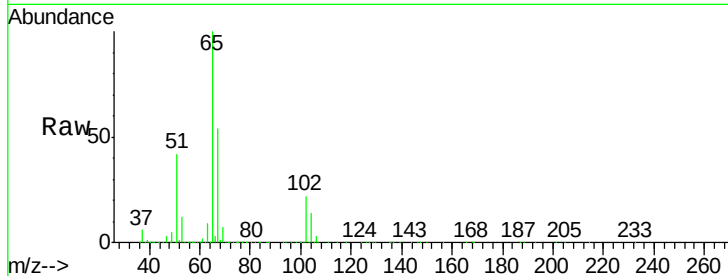
#33
 1,2-Dichloroethane-d4
 Concen: 50.347 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007260.D
 Acq: 28 Jan 2019 15:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0128WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	105.0

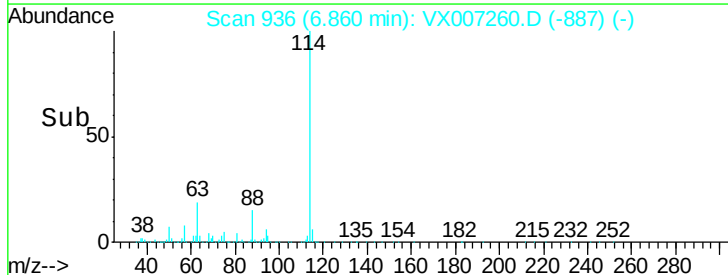
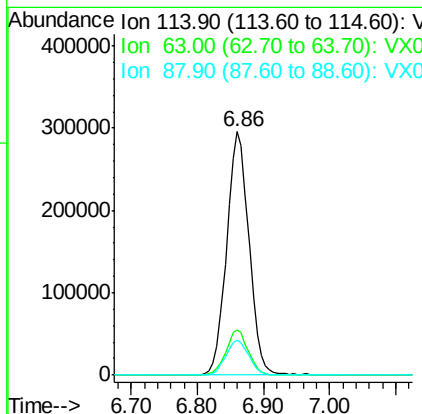
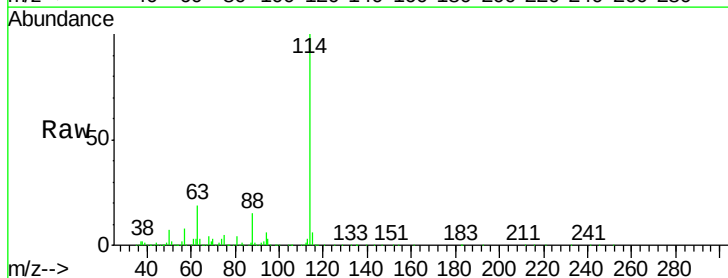
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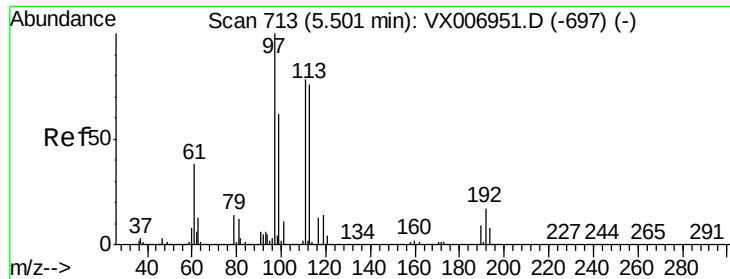
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 1/29/2019 9:51:19 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007260.D
 Acq: 28 Jan 2019 15:05

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	34.8
88	14.5	0.0	28.8





#35

Dibromofluoromethane

Concen: 50.967 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007260.D

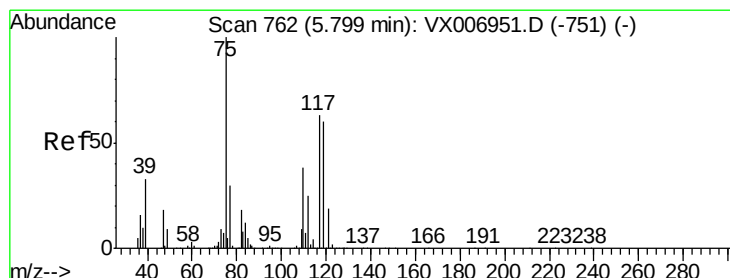
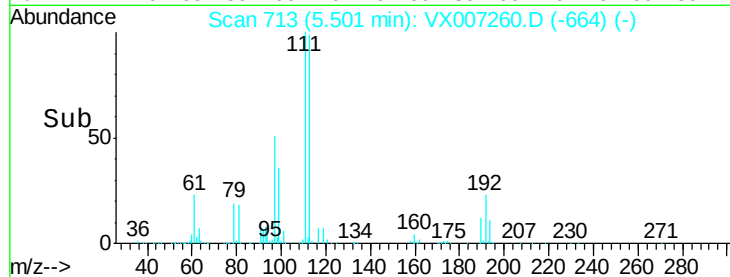
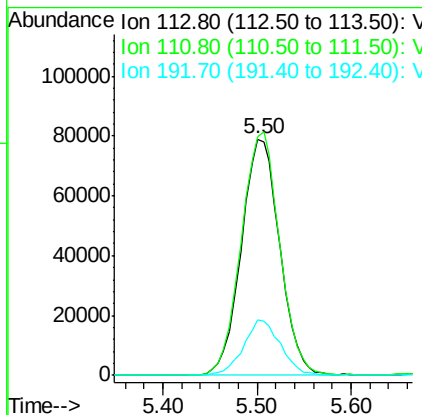
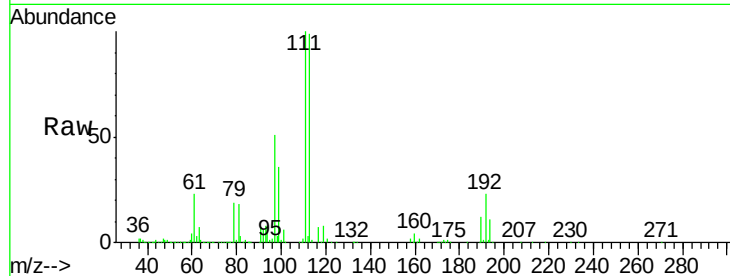
Acq: 28 Jan 2019 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBS01

Tot Ion:	113	Resp:	225698
Ion Ratio	Lower	Upper	
113	100		
111	103.3	81.6	122.4
192	22.8	16.7	25.1

Manual Integrations
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1/29/2019 9:51:19 AM



#36

1,1-Dichloropropene

Concen: 17.528 ug/l

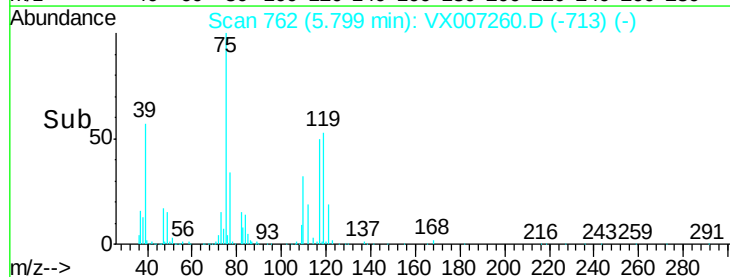
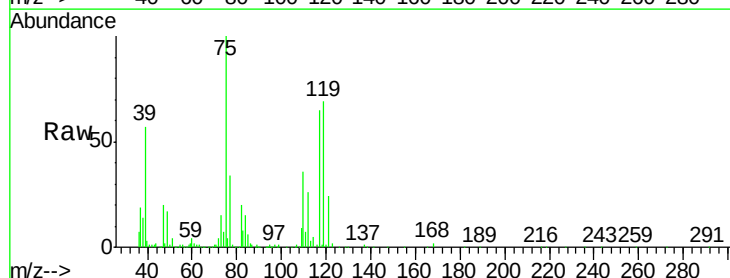
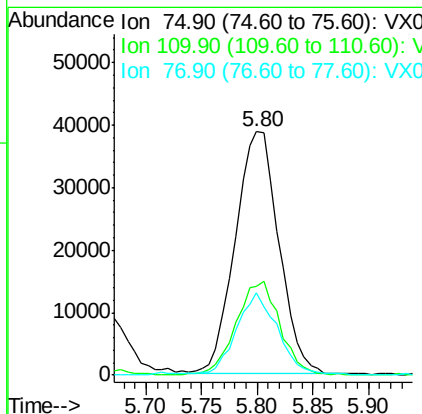
RT: 5.80 min Scan# 762

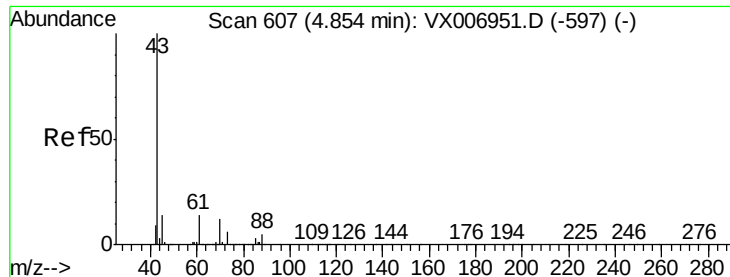
Delta R.T. 0.00 min

Lab File: VX007260.D

Acq: 28 Jan 2019 15:05

Tgt Ion:	75	Resp:	105376
Ion Ratio	Lower	Upper	
75	100		
110	39.0	20.2	60.5
77	32.1	24.8	37.2





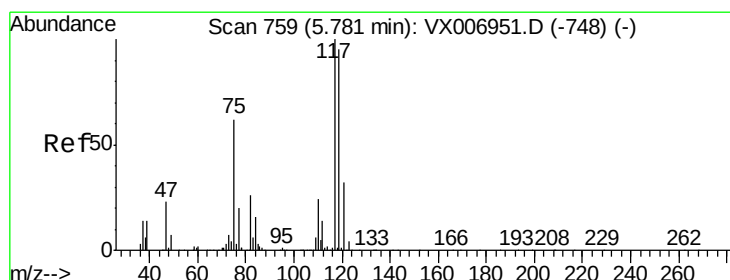
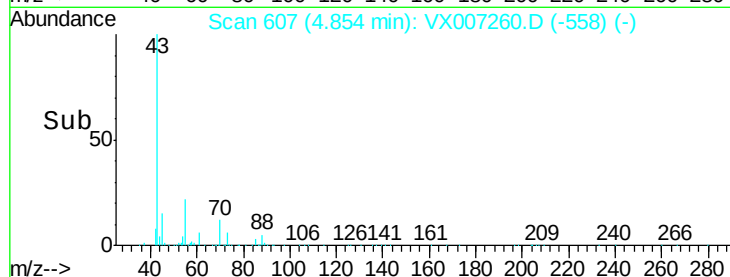
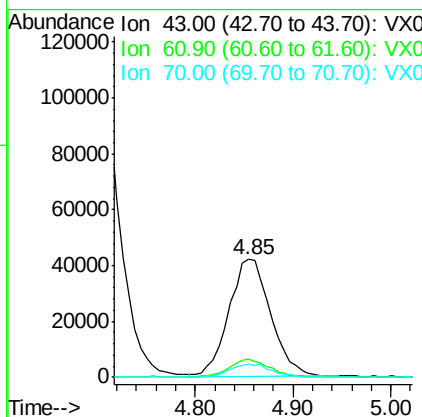
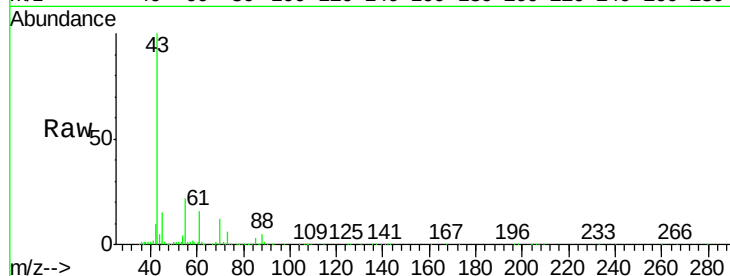
#37
Ethyl Acetate
Concen: 19.262 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007260.D
Acq: 28 Jan 2019 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.9	17.9
70	11.6	9.7	14.5

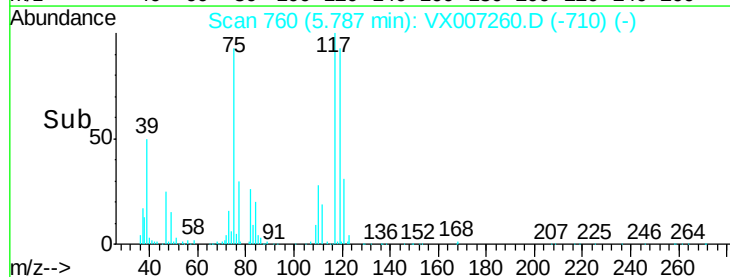
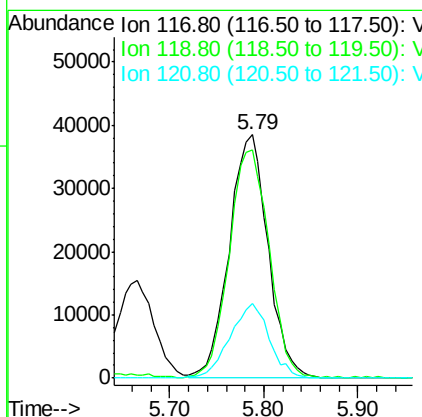
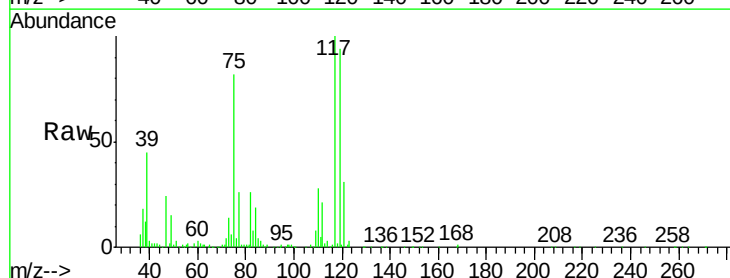
Manual Integrations
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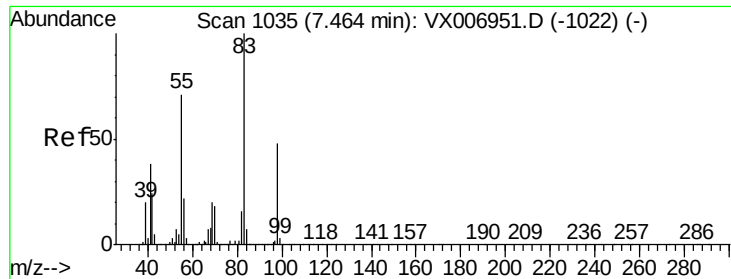
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#38
Carbon Tetrachloride
Concen: 18.273 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX007260.D
Acq: 28 Jan 2019 15:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	79.4	119.2
121	30.9	24.0	36.0





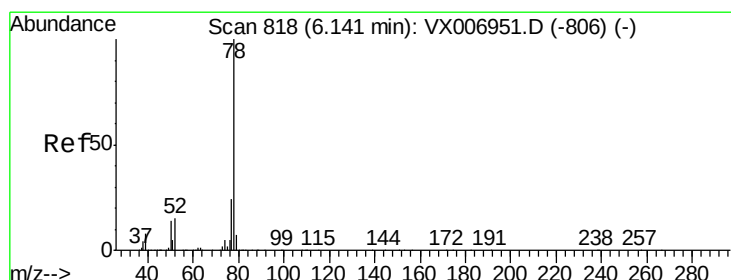
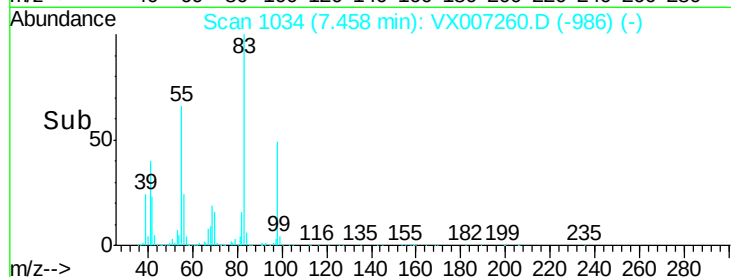
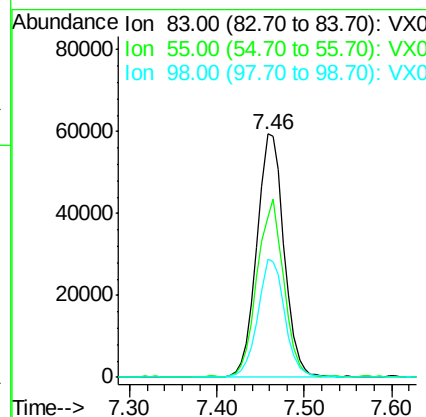
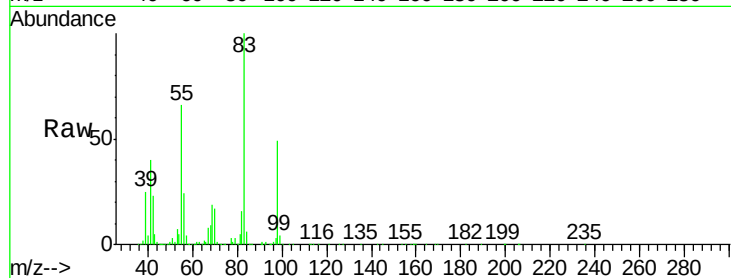
#39
Methylvlcyclohexane
Concen: 16.757 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007260.D
Acq: 28 Jan 2019 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	65.9	54.9	82.3
98	48.4	37.9	56.9

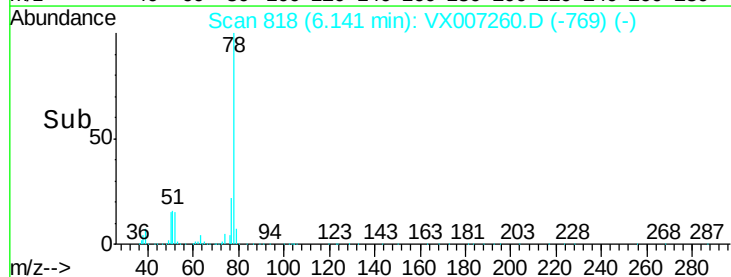
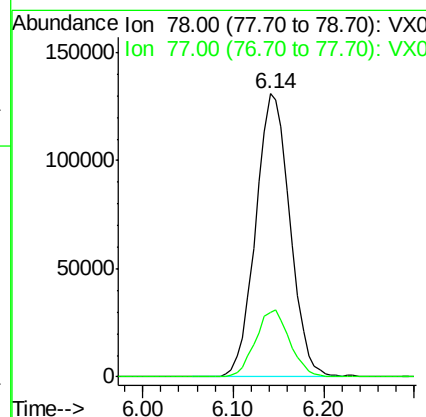
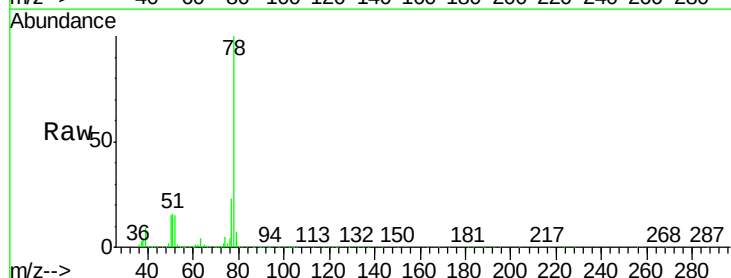
Manual Integrations
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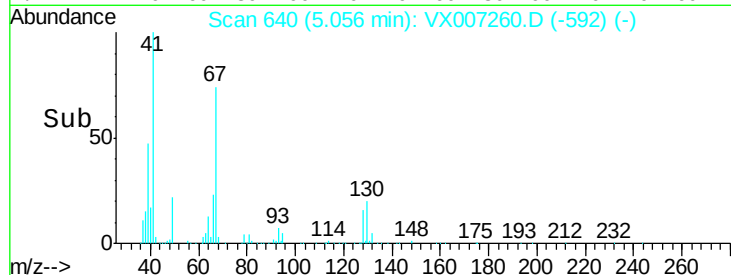
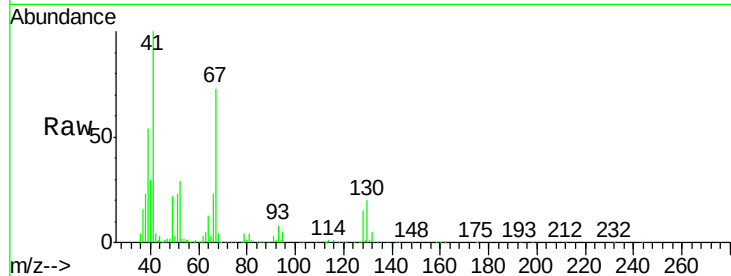
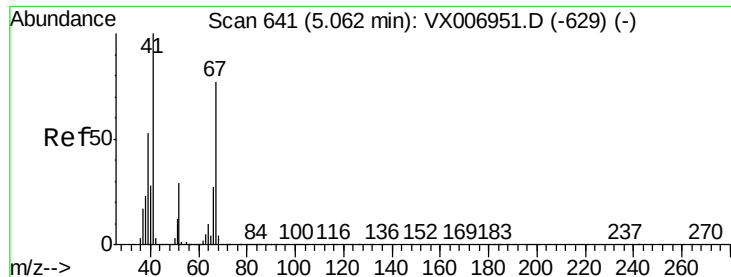
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#40
Benzene
Concen: 18.625 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007260.D
Acq: 28 Jan 2019 15:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.2	28.8





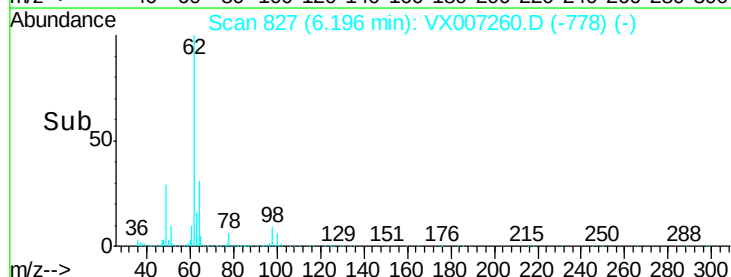
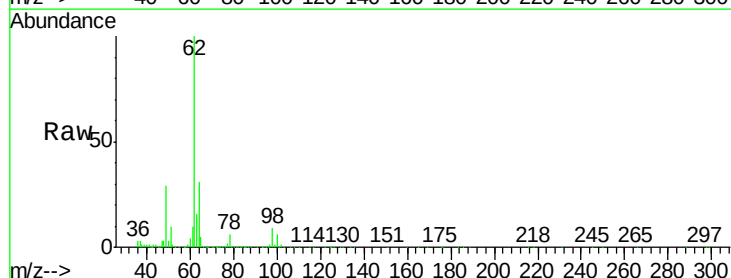
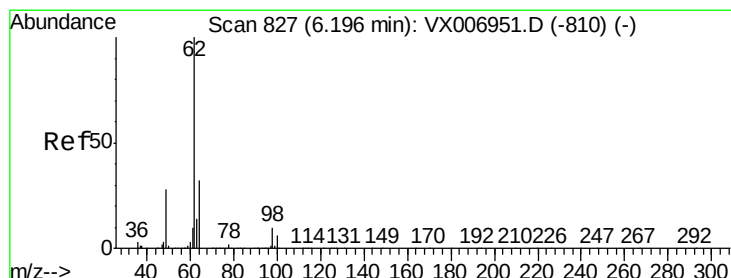
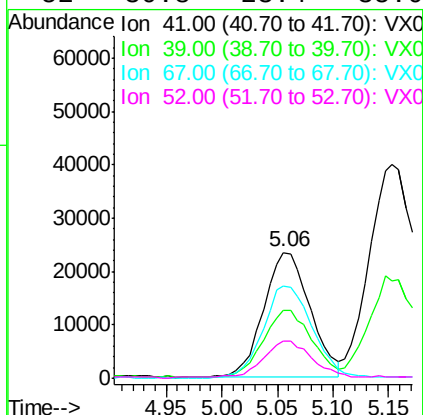
#41
Methacrylonitrile
Concen: 18.428 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX007260.D
Acq: 28 Jan 2019 15:05

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.2	42.8	64.2	
67	78.5	62.1	93.1	
52	30.8	23.4	35.0	

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBS01

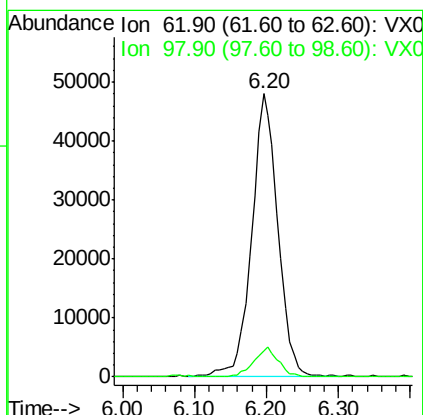
Manual Integrations
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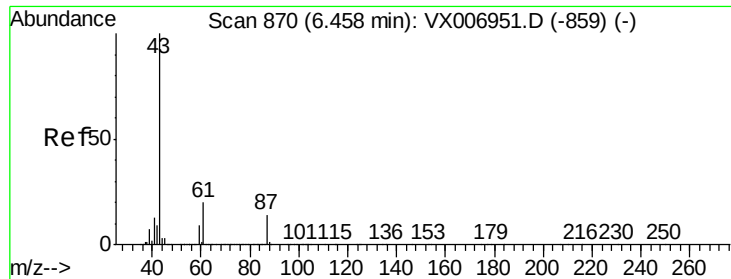
MMDadoda
1/29/2019 9:51:19 AM



#42
1,2-Dichloroethane
Concen: 18.861 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007260.D
Acq: 28 Jan 2019 15:05

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	20.2	





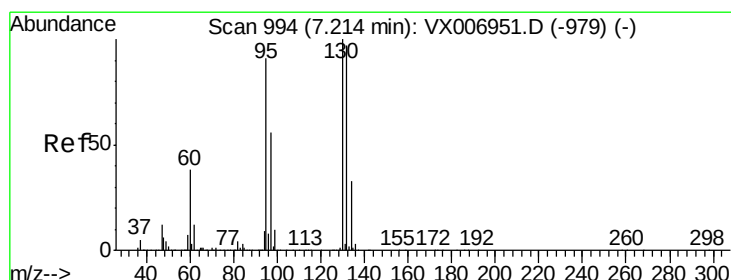
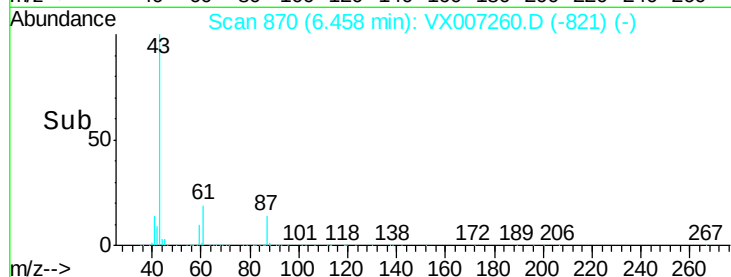
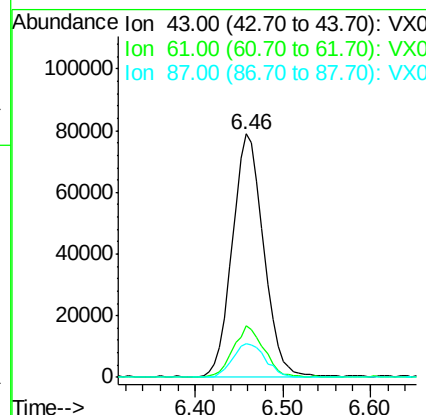
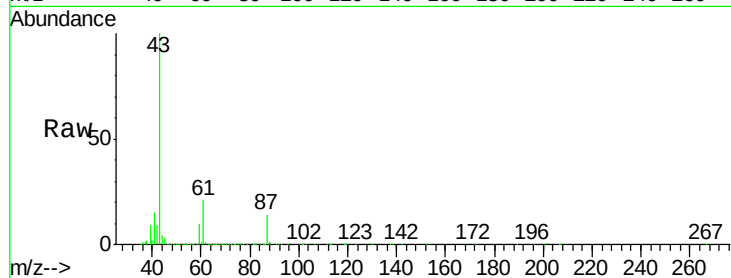
#43
Isopropyl Acetate
Concen: 19.164 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.00 min
Lab File: VX007260.D
Acq: 28 Jan 2019 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.7	16.8	25.2
87	14.7	12.4	18.6

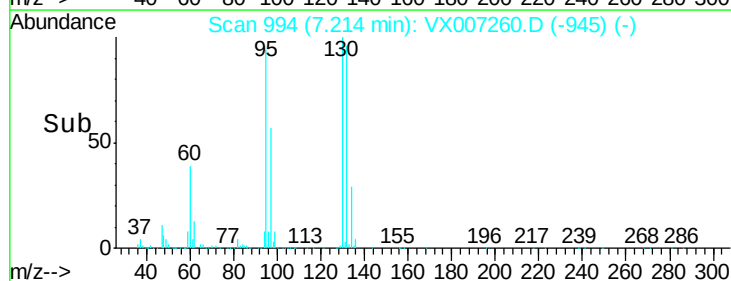
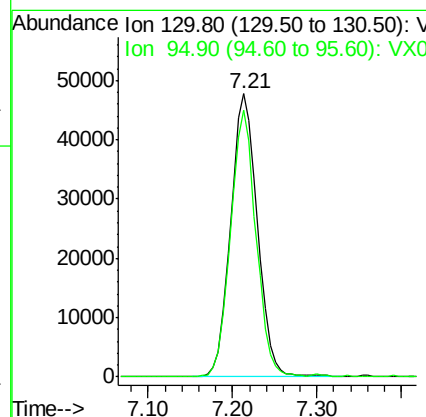
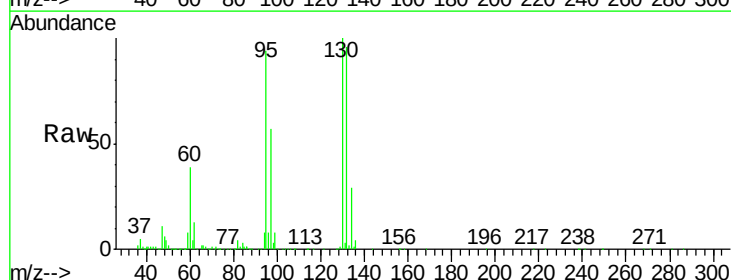
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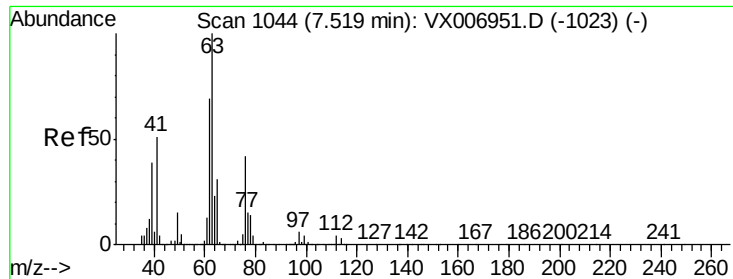
MMDadoda
1/29/2019 9:51:19 AM



#44
Trichloroethene
Concen: 18.780 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX007260.D
Acq: 28 Jan 2019 15:05

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.2	0.0	187.0





#45

1,2-Dichloropropane

Concen: 18.935 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX007260.D

Acq: 28 Jan 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0128WBS01

Tot Ion: 63 Resp: 87325

Ion Ratio Lower Upper

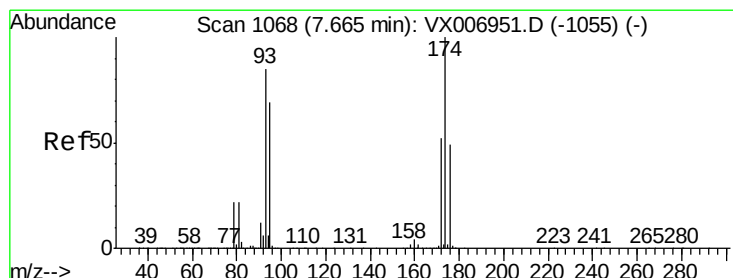
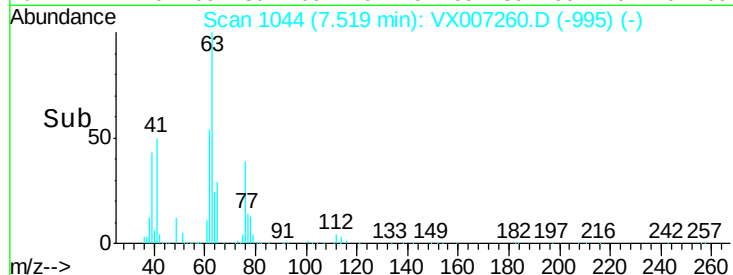
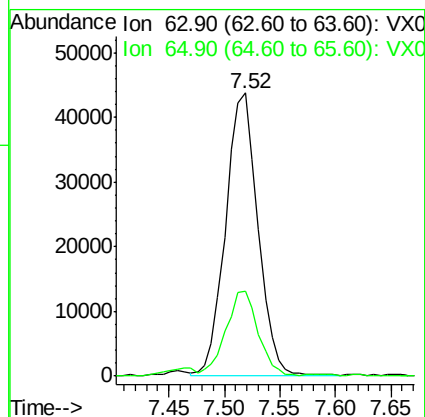
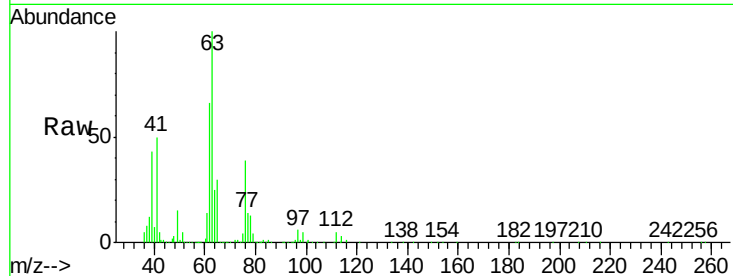
63 100

65 29.4 25.4 38.0

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#46

Dibromomethane

Concen: 19.412 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX007260.D

Acq: 28 Jan 2019 15:05

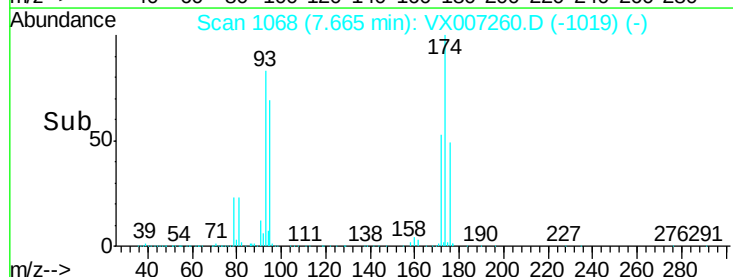
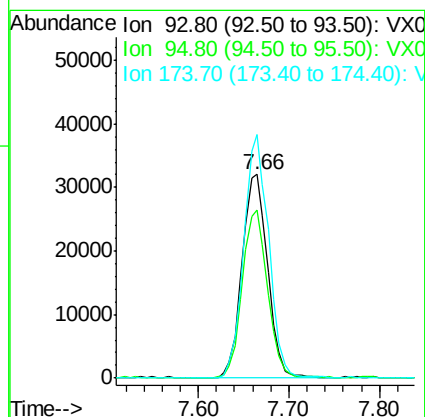
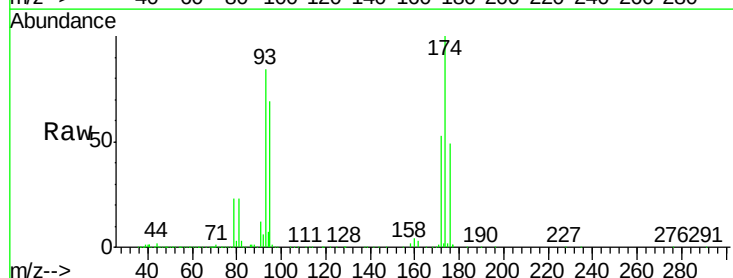
Tgt Ion: 93 Resp: 62920

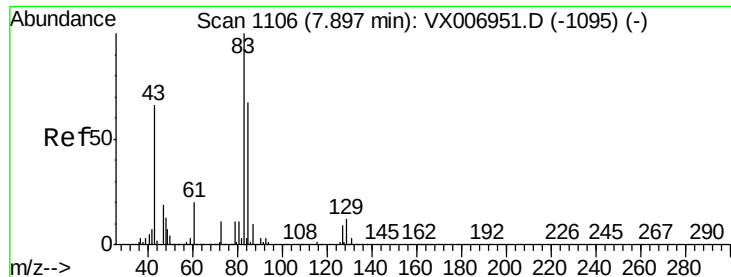
Ion Ratio Lower Upper

93 100

95 81.9 66.2 99.4

174 115.8 91.0 136.4





#47

Bromodichloromethane

Concen: 19.342 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007260.D

Acq: 28 Jan 2019 15:05

Instrument :

MSVOA_X

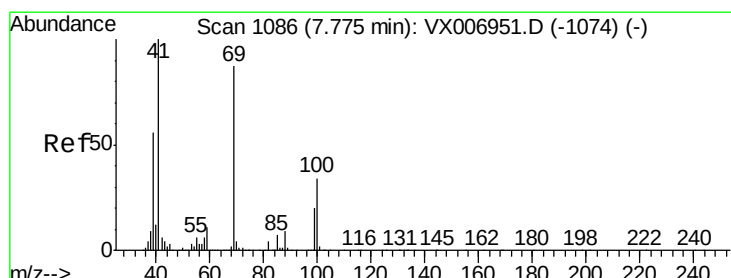
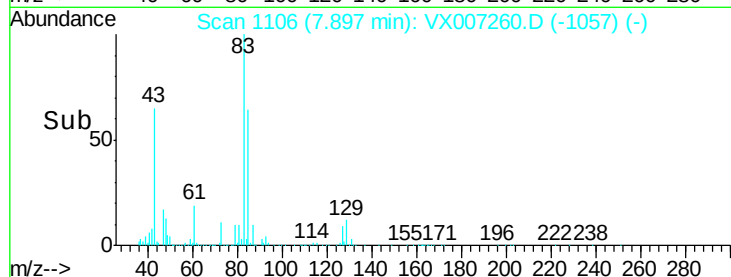
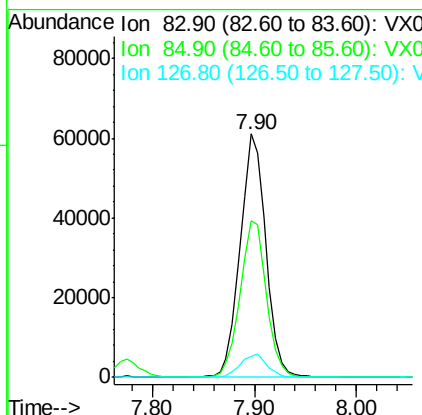
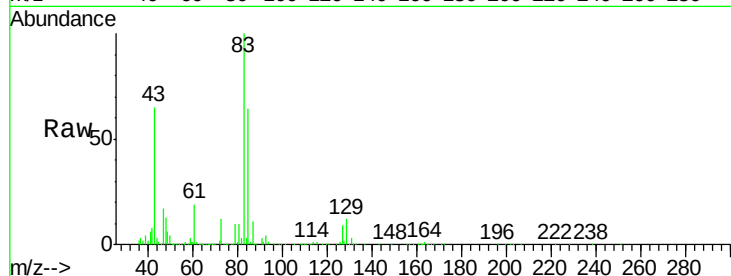
ClientSampleId :

VX0128WBS01

Tot Ion:	83	Resp:	106711
Ion Ratio	Lower	Upper	
83	100		
85	64.1	53.2	79.8
127	8.5	7.8	11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.500 ug/l

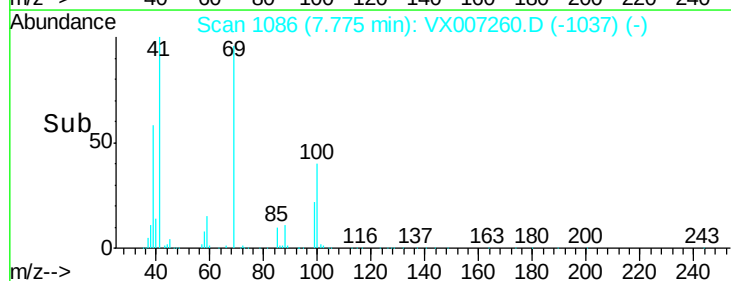
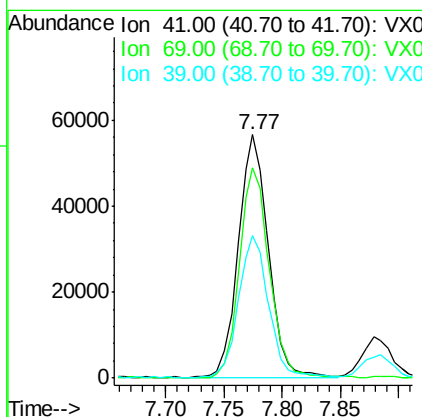
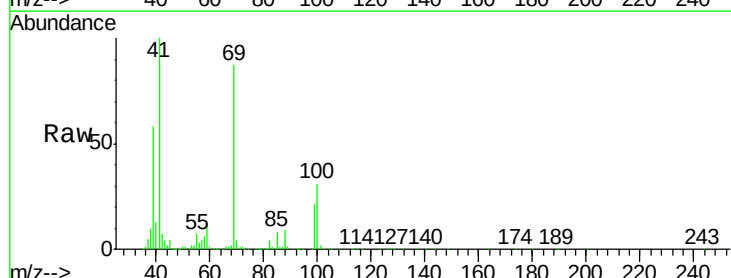
RT: 7.77 min Scan# 1086

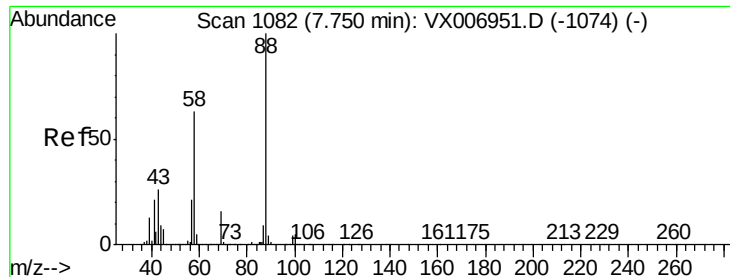
Delta R.T. 0.00 min

Lab File: VX007260.D

Acq: 28 Jan 2019 15:05

Tgt Ion:	41	Resp:	101808
Ion Ratio	Lower	Upper	
41	100		
69	86.0	72.4	108.6
39	58.1	45.8	68.8





#49

1,4-Dioxane

Concen: 367.061 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX007260.D

Acq: 28 Jan 2019 15:05

Instrument :

MSVOA_X

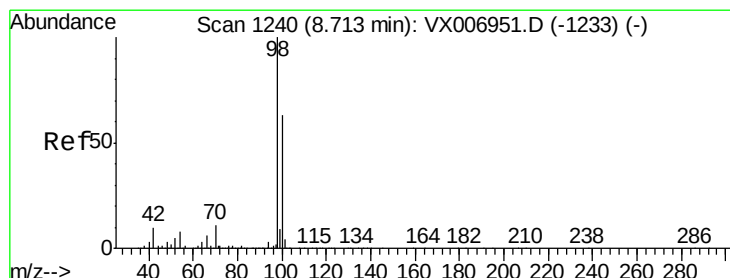
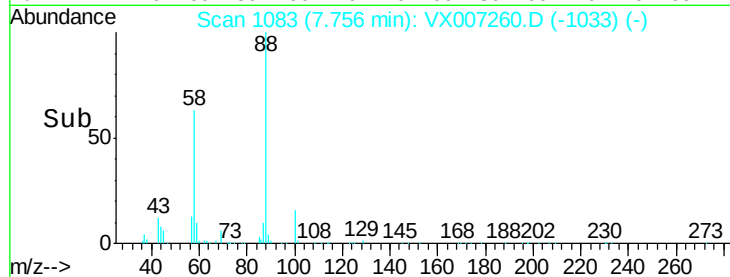
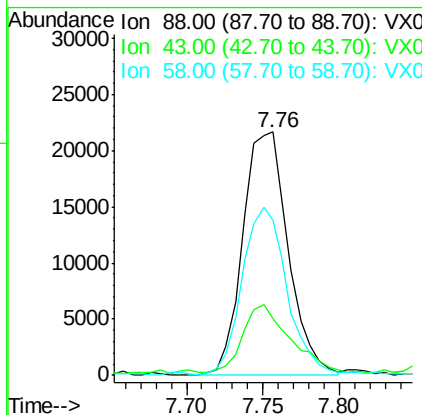
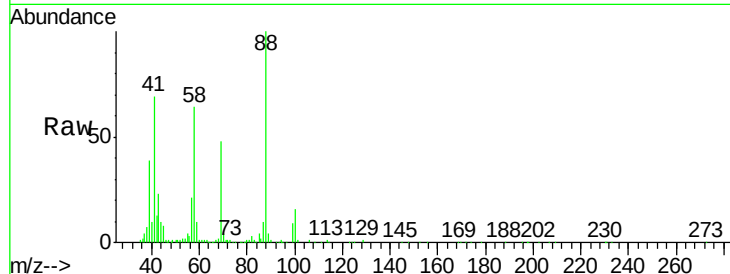
ClientSampleId :

VX0128WBS01

Tot Ion:	88	Resp:	44413
Ion	Ratio	Lower	Upper
88	100		
43	28.8	22.2	33.4
58	68.8	51.0	76.4

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#50

Toluene-d8

Concen: 50.674 ug/l

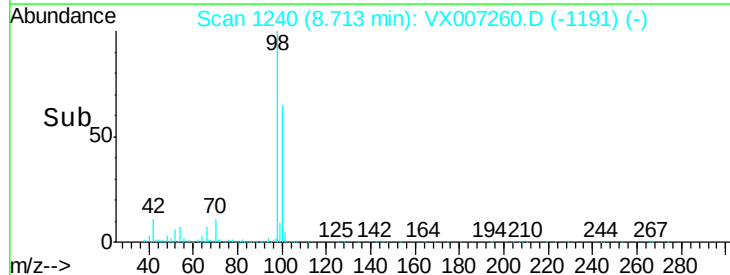
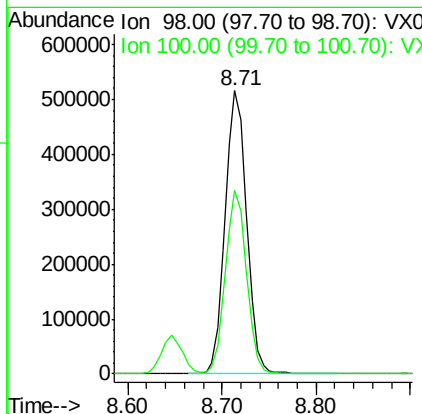
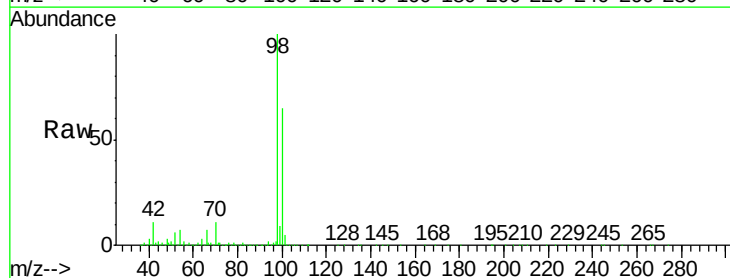
RT: 8.71 min Scan# 1240

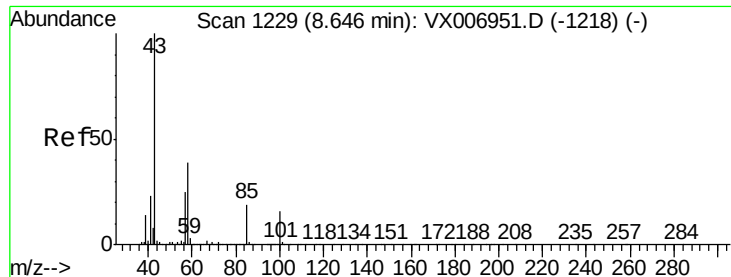
Delta R.T. 0.00 min

Lab File: VX007260.D

Acq: 28 Jan 2019 15:05

Tgt Ion:	98	Resp:	821378
Ion	Ratio	Lower	Upper
98	100		
100	63.6	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 102.224 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007260.D

Acq: 28 Jan 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0128WBS01

Tot Ion: 43 Resp: 667908

Ion Ratio Lower Upper

43 100

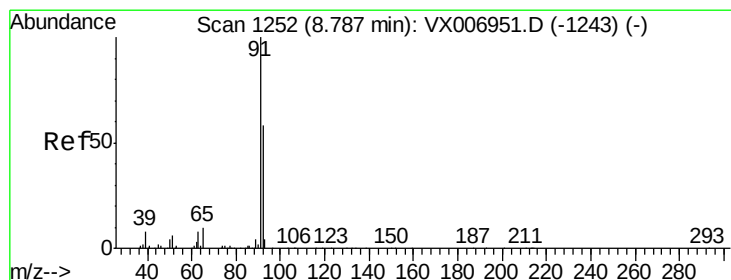
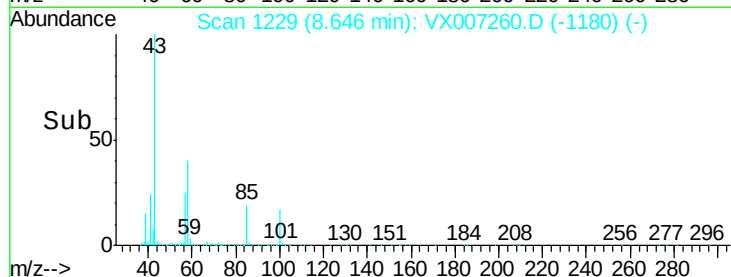
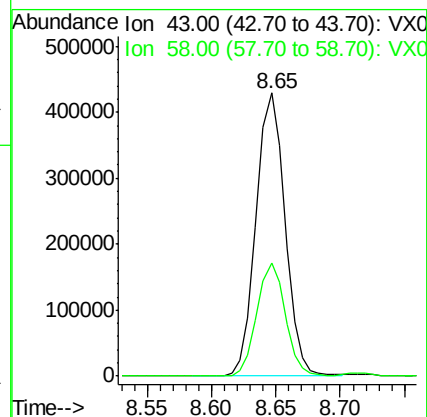
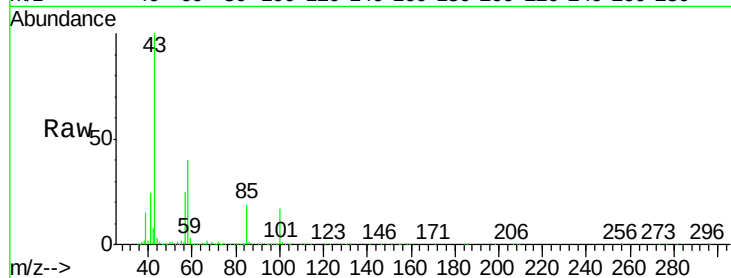
58 39.0 31.8 47.6

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#52

Toluene

Concen: 18.653 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007260.D

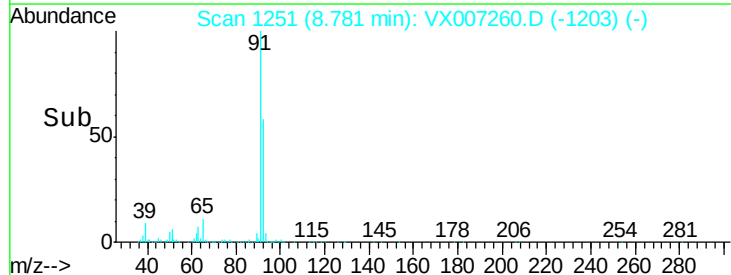
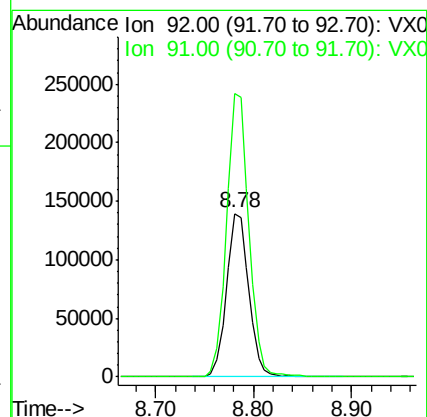
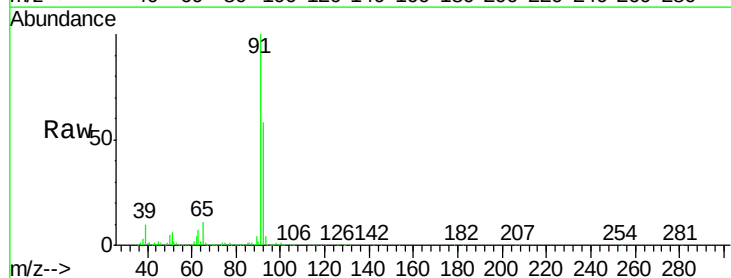
Acq: 28 Jan 2019 15:05

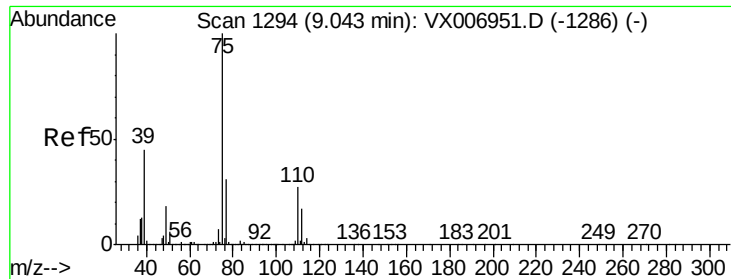
Tgt Ion: 92 Resp: 219925

Ion Ratio Lower Upper

92 100

91 173.9 137.6 206.4





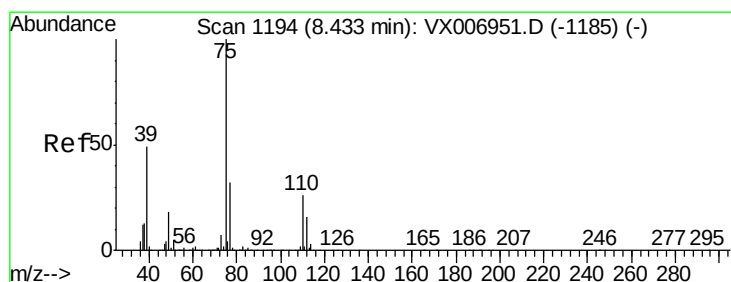
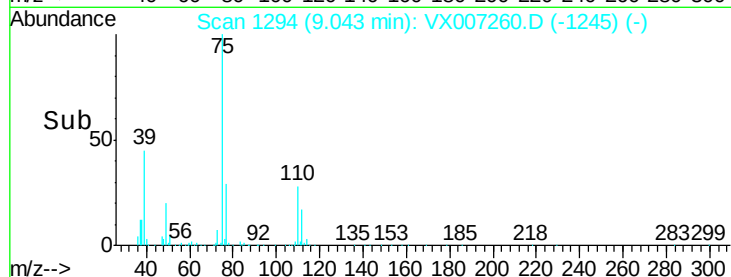
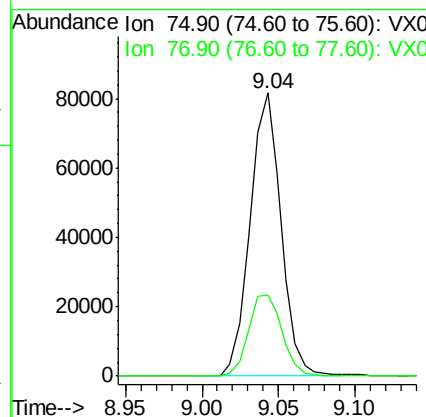
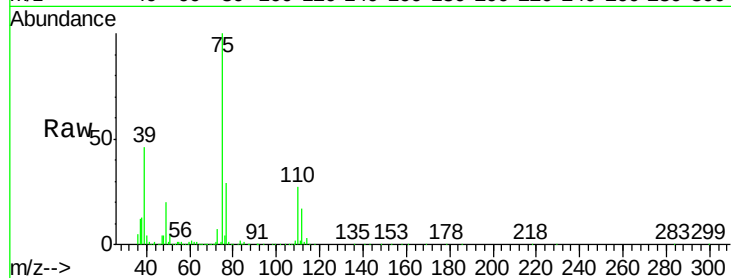
#53
t-1,3-Dichloropropene
Concen: 18.707 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007260.D
Acq: 28 Jan 2019 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBS01

Tot Ion: 75 Resp: 114443
Ion Ratio Lower Upper
75 100
77 28.7 25.4 38.0

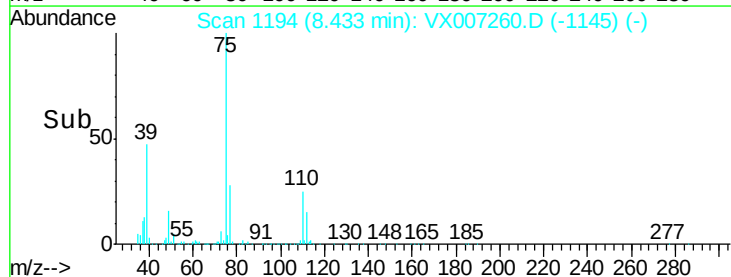
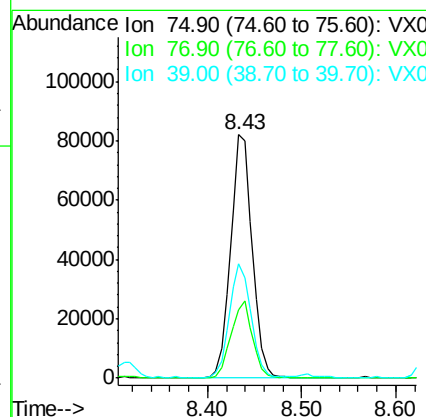
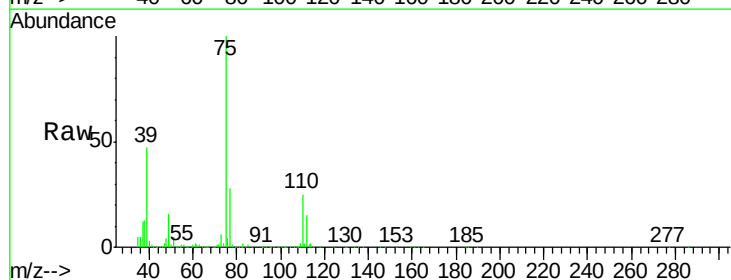
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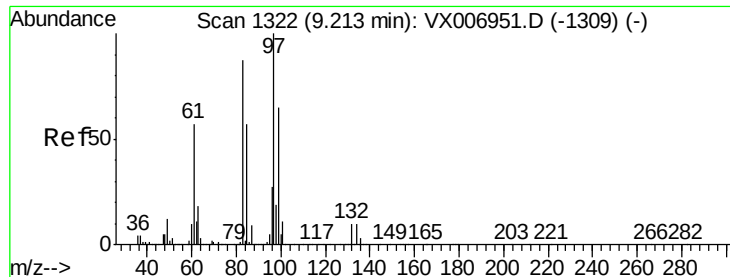
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 19.319 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX007260.D
Acq: 28 Jan 2019 15:05

Tgt Ion: 75 Resp: 130517
Ion Ratio Lower Upper
75 100
77 28.0 26.2 39.2
39 46.6 36.7 55.1





#55

1,1,2-Trichloroethane

Concen: 20.540 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007260.D

Acq: 28 Jan 2019 15:05

Instrument :

MSVOA_X

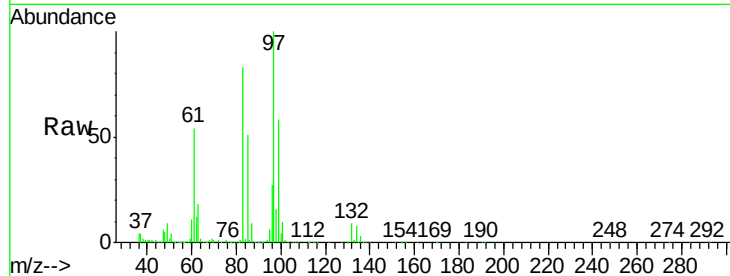
ClientSampleId :

VX0128WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		96935		
83	82.7	66.6	99.8		
85	50.8	42.7	64.1		
99	58.2	50.8	76.2		

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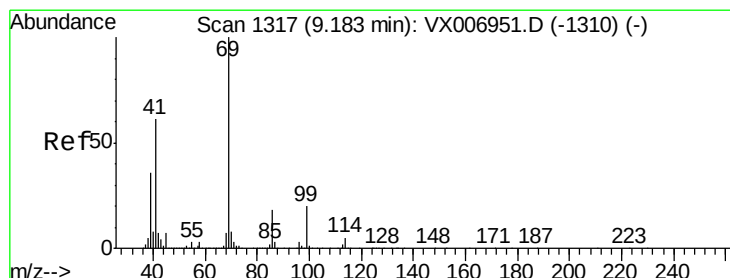
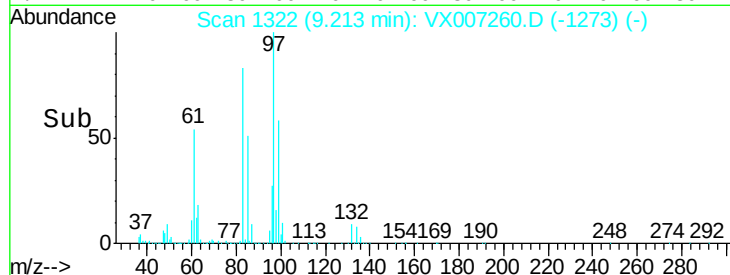
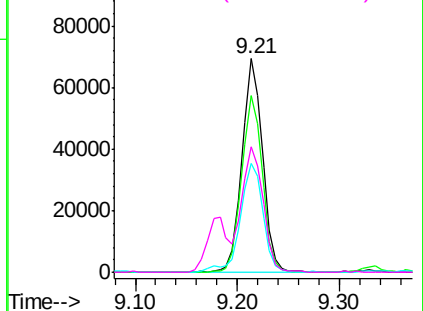


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.423 ug/l

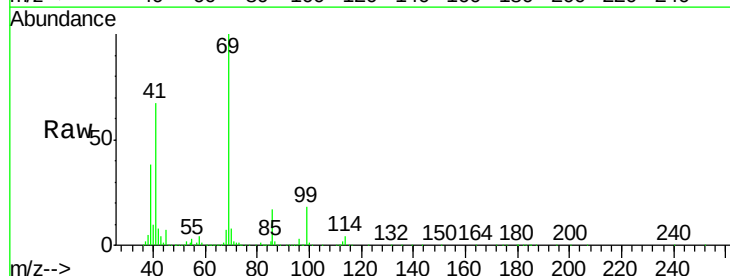
RT: 9.18 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VX007260.D

Acq: 28 Jan 2019 15:05

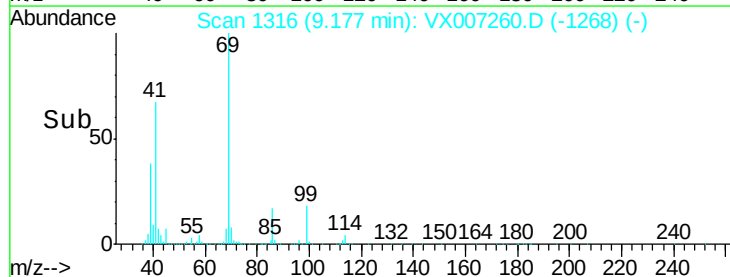
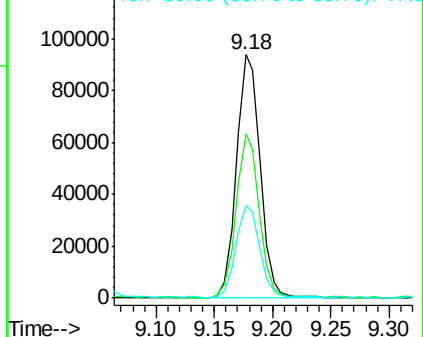
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		133818		
41	65.0	48.7	73.1		
39	38.1	27.0	40.6		

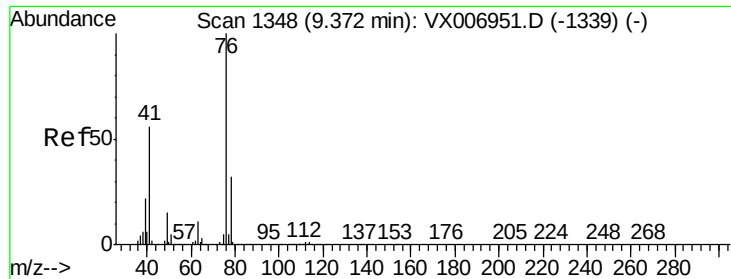


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.933 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007260.D

Acq: 28 Jan 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0128WBS01

Tot Ion: 76 Resp: 154114

Ion Ratio Lower Upper

76 100

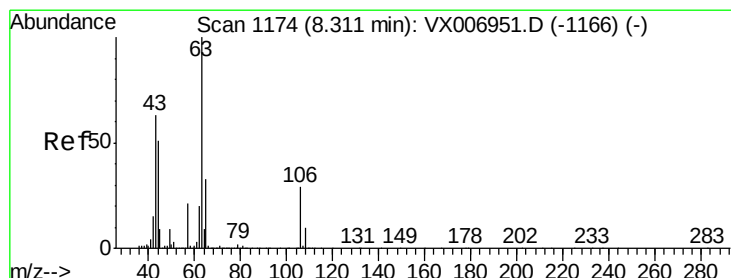
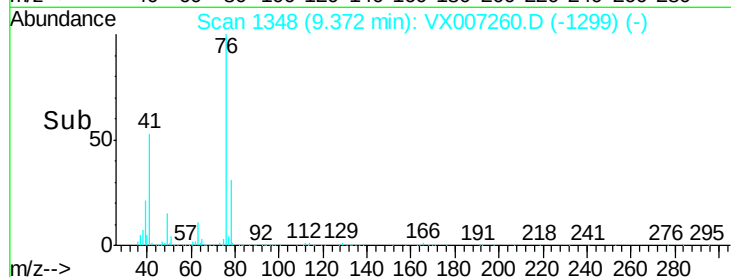
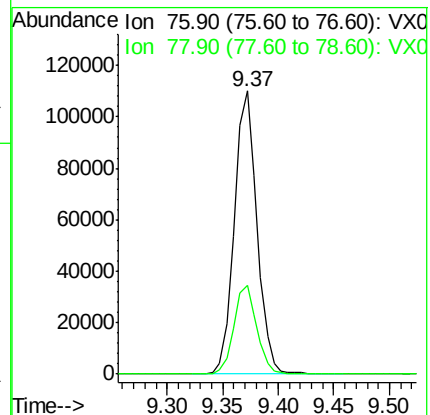
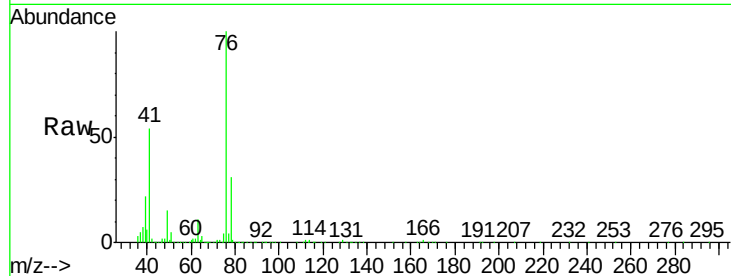
78 32.0 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 107.418 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007260.D

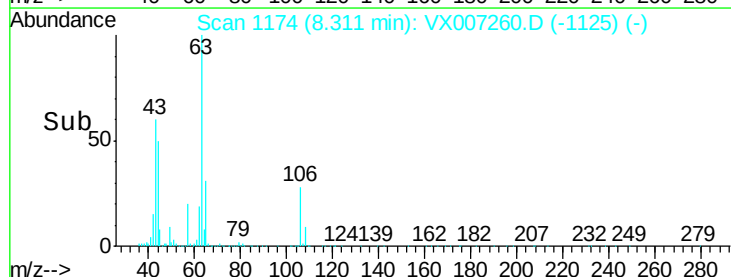
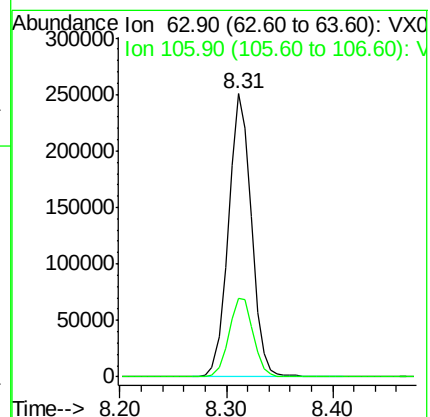
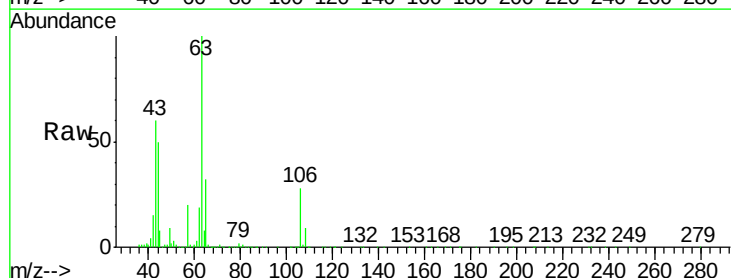
Acq: 28 Jan 2019 15:05

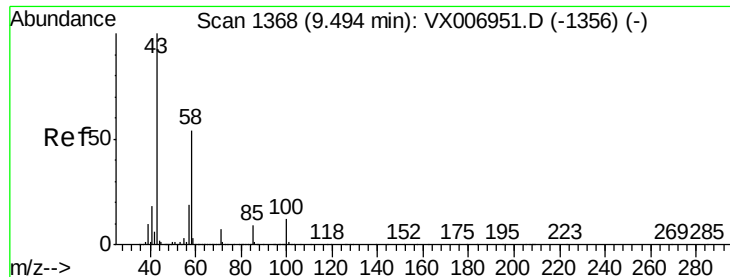
Tgt Ion: 63 Resp: 380513

Ion Ratio Lower Upper

63 100

106 29.2 24.6 36.8





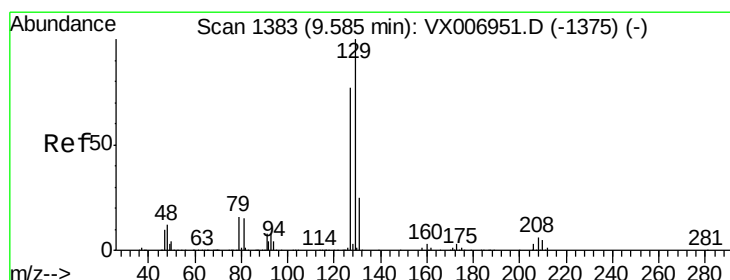
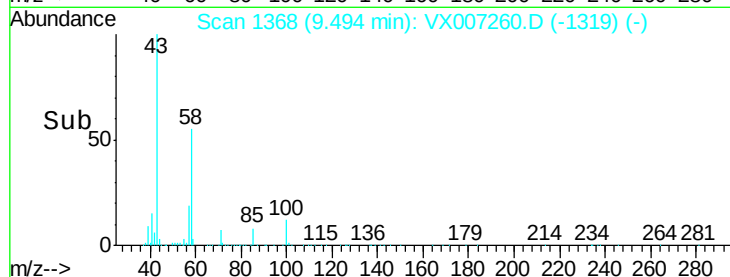
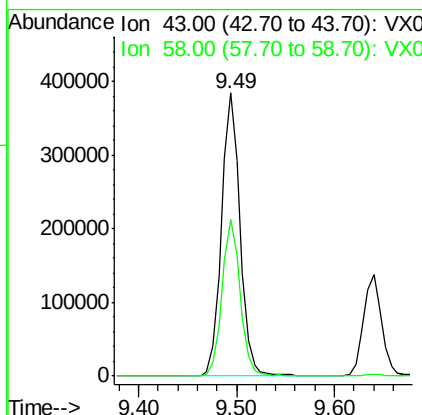
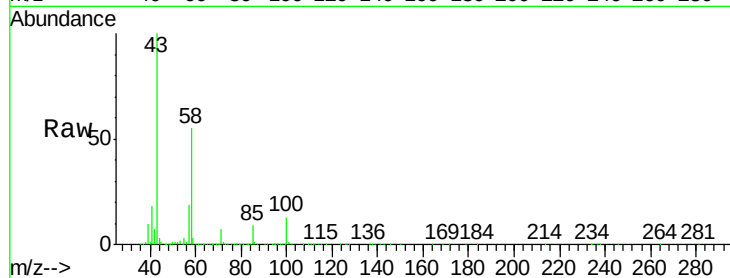
#59
2-Hexanone
Concen: 101.380 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007260.D
Acq: 28 Jan 2019 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBS01

Tot Ion: 43 Resp: 504783
Ion Ratio Lower Upper
43 100
58 54.7 27.7 83.1

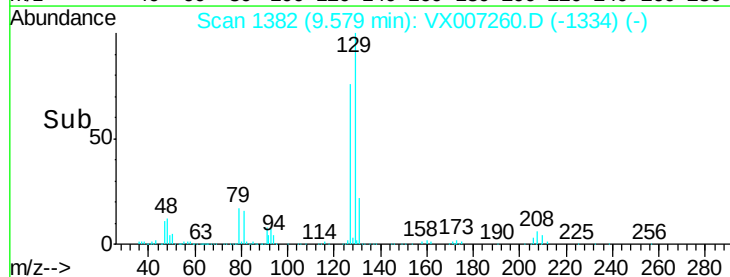
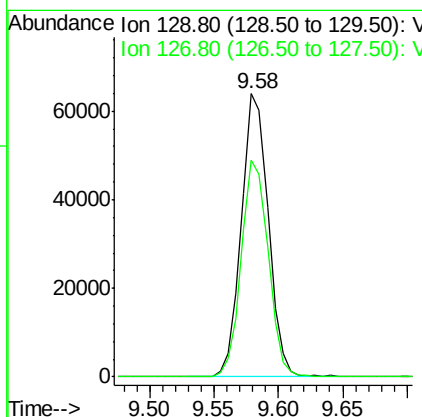
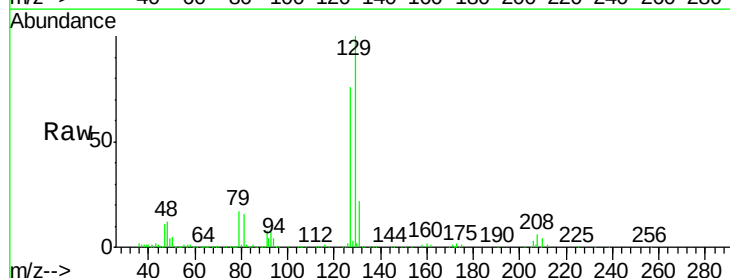
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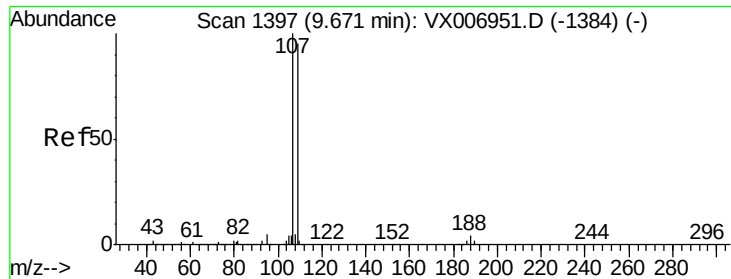
MMDadoda
1/29/2019 9:51:19 AM



#60
Dibromochloromethane
Concen: 20.241 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX007260.D
Acq: 28 Jan 2019 15:05

Tgt Ion: 129 Resp: 92755
Ion Ratio Lower Upper
129 100
127 76.3 39.3 117.8





#61

1,2-Dibromoethane

Concen: 19.579 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007260.D

Acq: 28 Jan 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0128WBS01

Tot Ion: 107 Resp: 101725

Ion Ratio Lower Upper

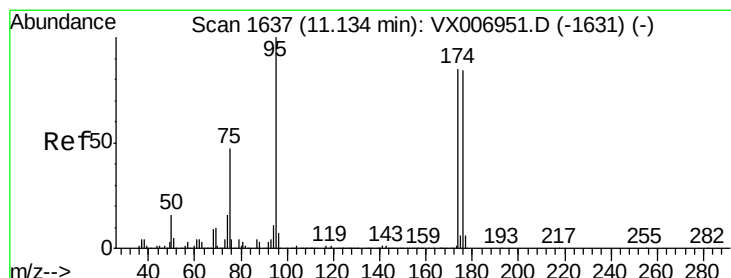
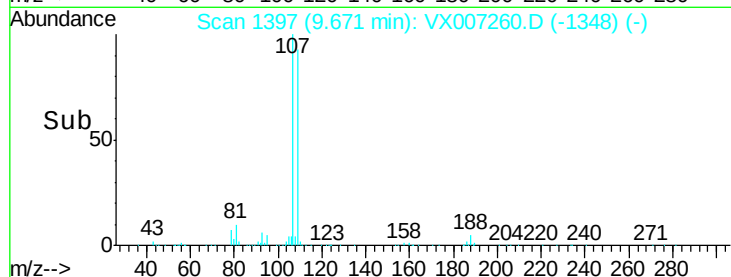
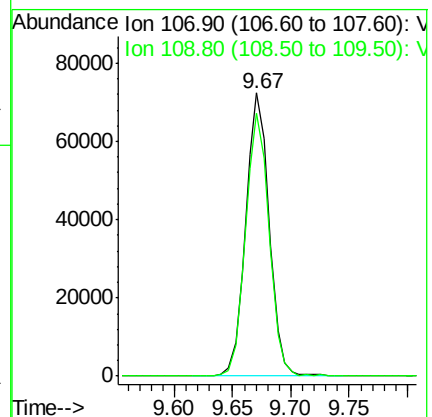
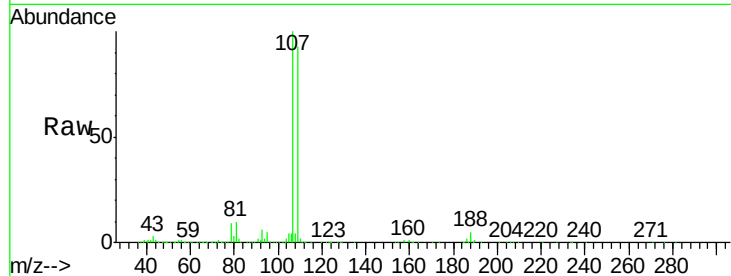
107 100

109 93.4 75.8 113.6

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#62

4-Bromofluorobenzene

Concen: 51.235 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007260.D

Acq: 28 Jan 2019 15:05

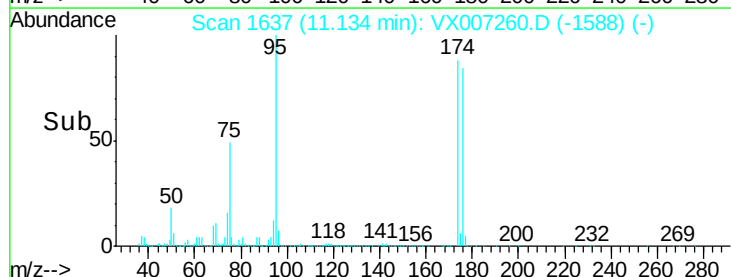
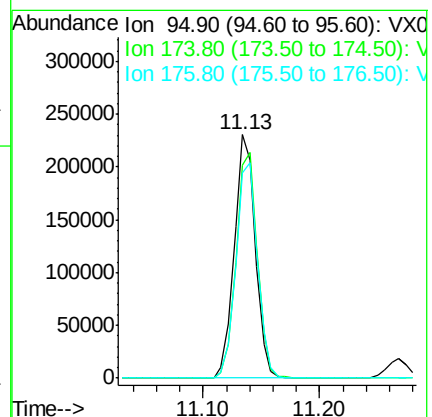
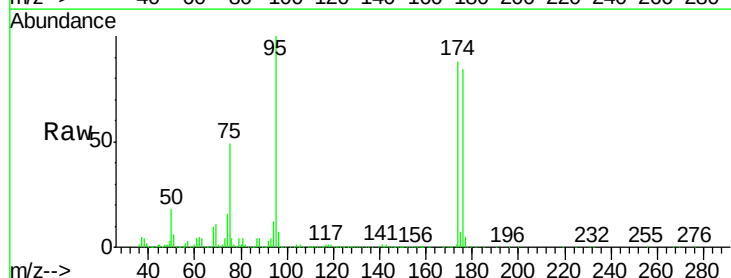
Tgt Ion: 95 Resp: 289524

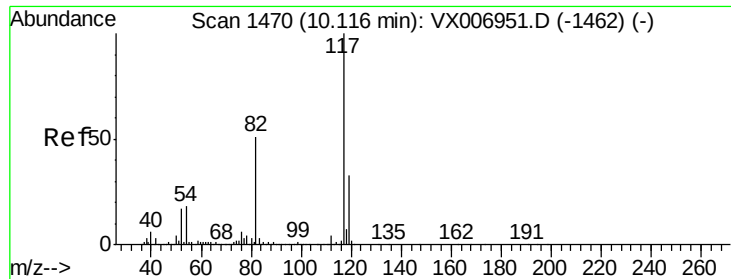
Ion Ratio Lower Upper

95 100

174 94.4 0.0 182.2

176 91.6 0.0 178.8





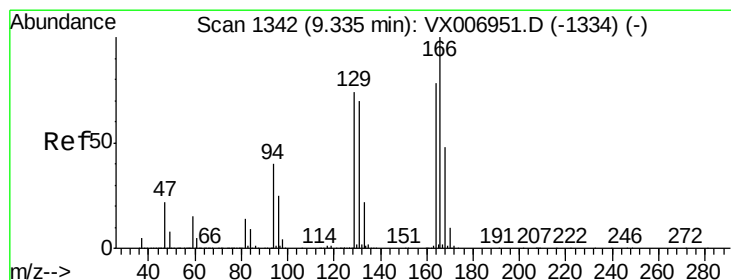
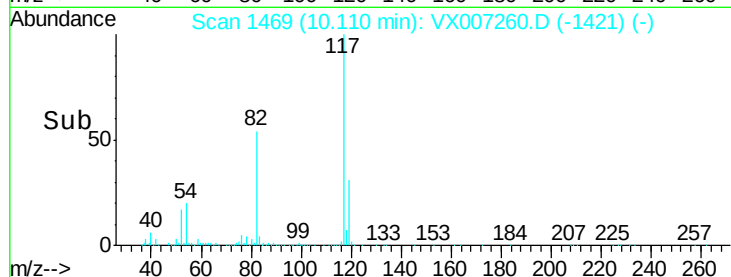
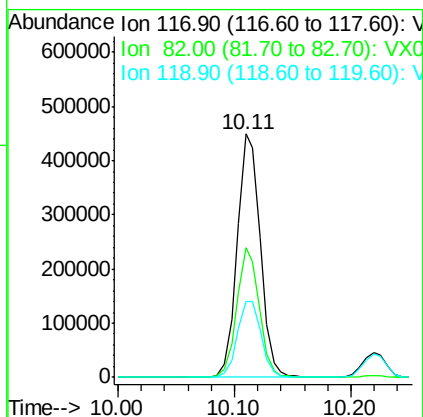
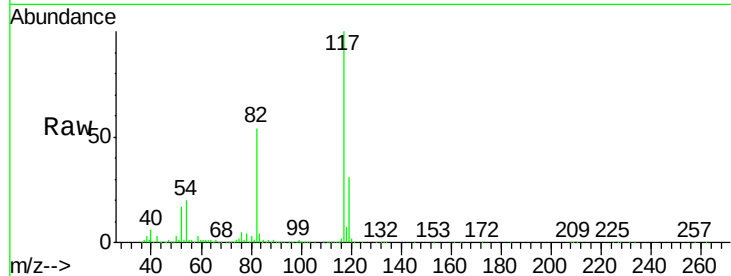
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007260.D
Acq: 28 Jan 2019 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	41.0	61.6
119	31.2	25.4	38.0

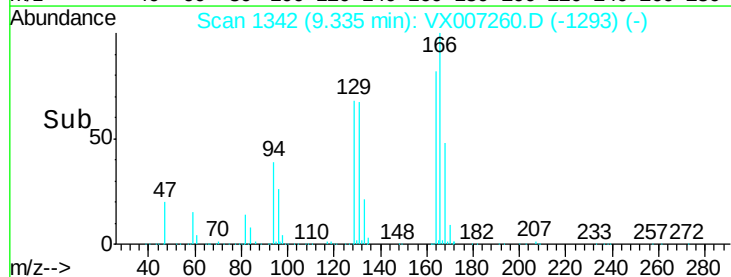
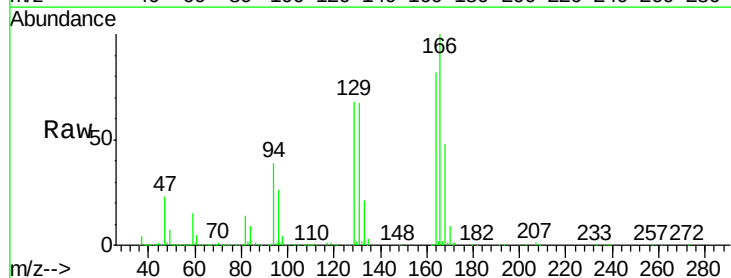
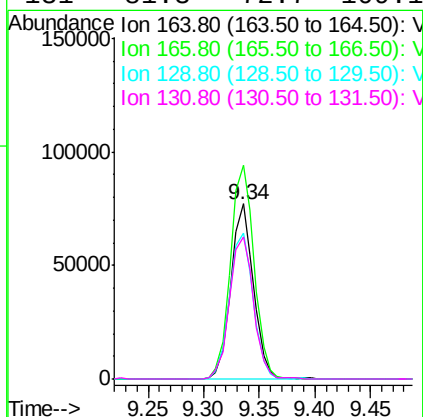
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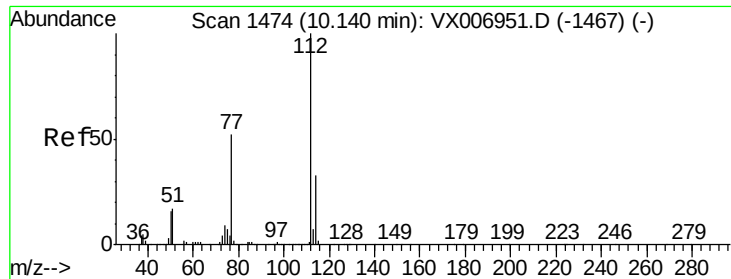
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#64
Tetrachloroethene
Concen: 20.098 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007260.D
Acq: 28 Jan 2019 15:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.0	102.5	153.7
129	83.2	75.1	112.7
131	81.3	72.7	109.1





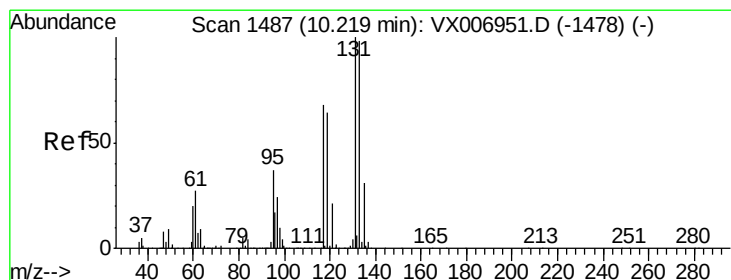
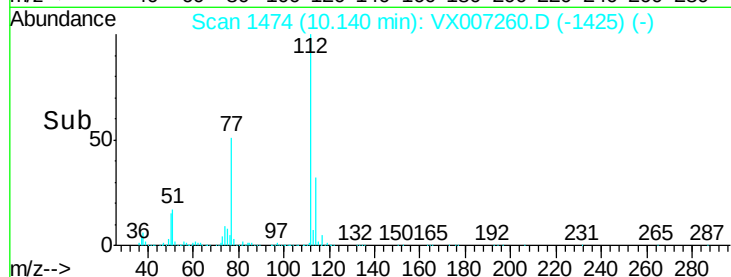
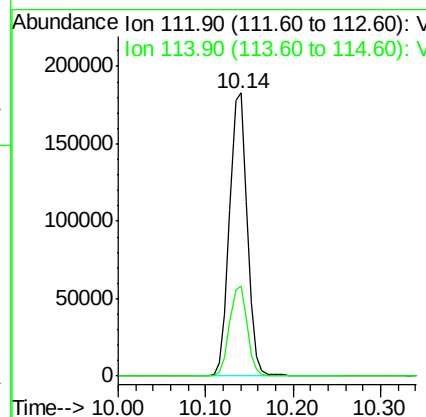
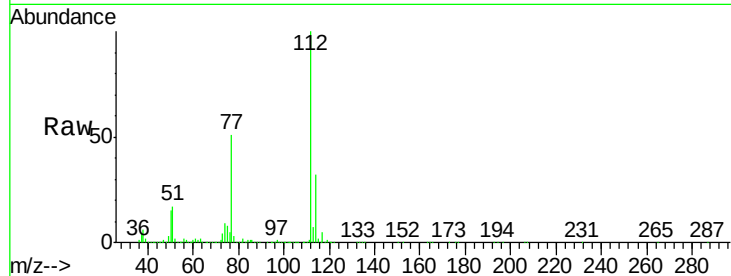
#65
Chlorobenzene
Concen: 18.939 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007260.D
Acq: 28 Jan 2019 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBS01

Tot Ion:112 Resp: 256642
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5

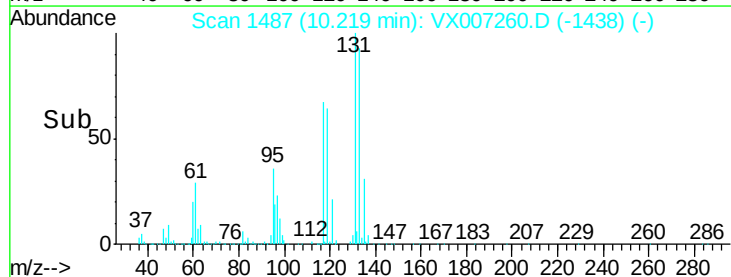
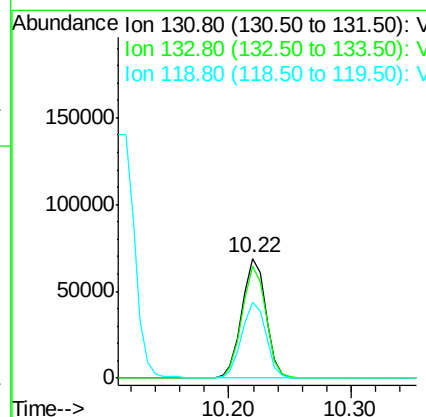
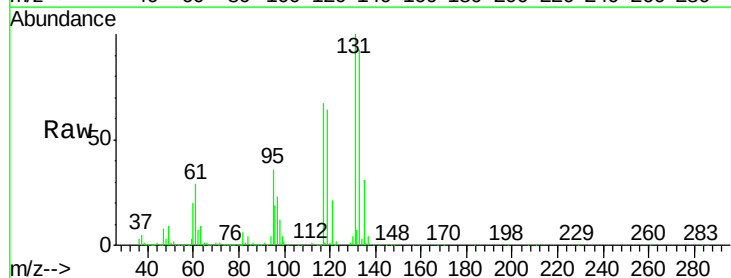
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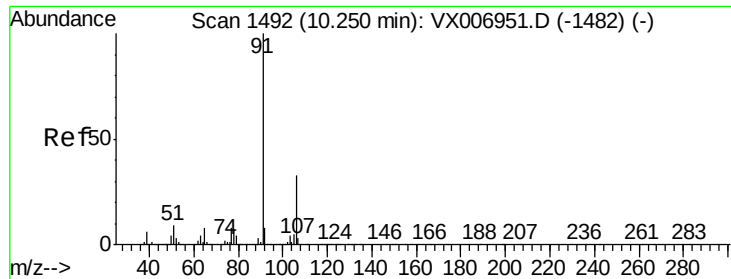
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.446 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007260.D
Acq: 28 Jan 2019 15:05

Tgt Ion:131 Resp: 93205
Ion Ratio Lower Upper
131 100
133 94.2 48.0 144.2
119 64.8 32.6 97.8





#67

Ethyl Benzene

Concen: 18.434 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007260.D

Acq: 28 Jan 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0128WBS01

Tot Ion: 91 Resp: 412390

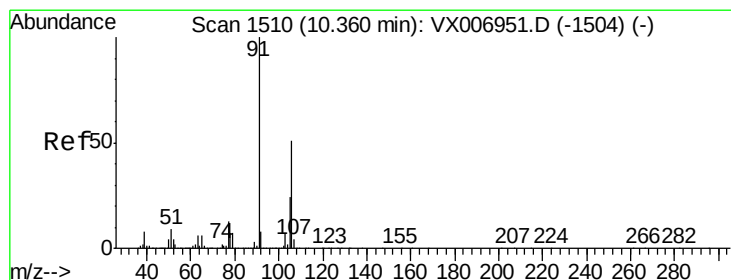
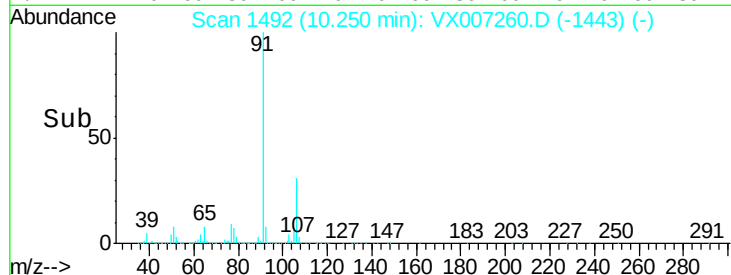
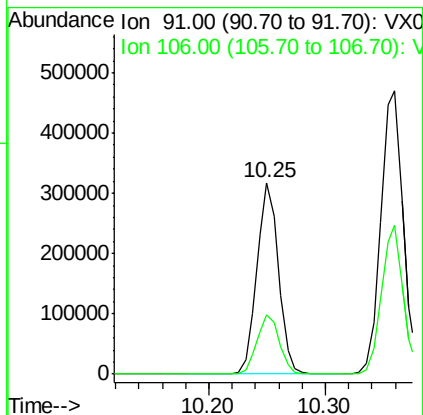
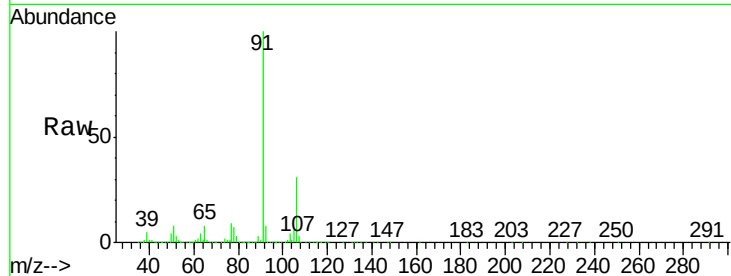
Ion Ratio Lower Upper

91 100

106 31.3 26.4 39.6

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#68

m/p-Xylenes

Concen: 36.252 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007260.D

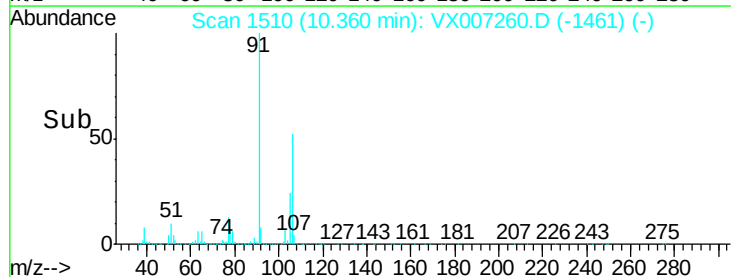
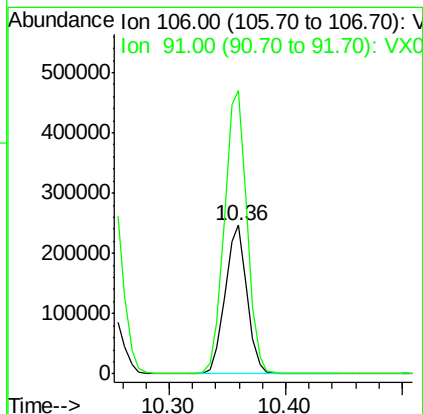
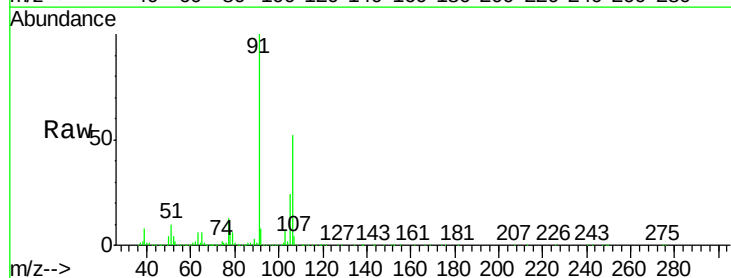
Acq: 28 Jan 2019 15:05

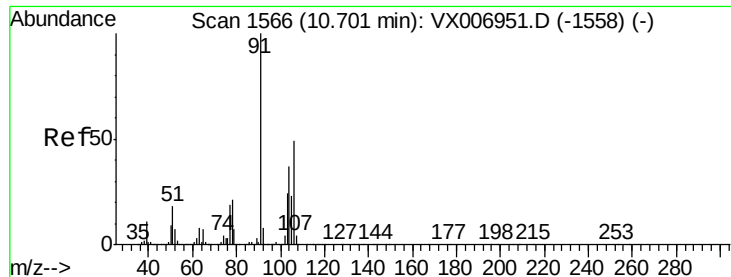
Tgt Ion: 106 Resp: 319517

Ion Ratio Lower Upper

106 100

91 195.8 155.8 233.6





#69

o-Xylene

Concen: 18.381 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VX007260.D

Acq: 28 Jan 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0128WBS01

Tot Ion:106 Resp: 158001

Ion Ratio Lower Upper

106 100

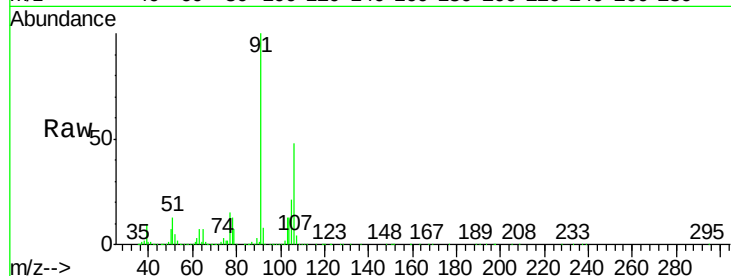
91 205.7 101.3 303.7

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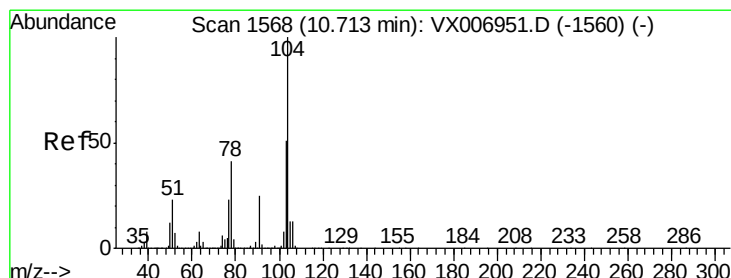
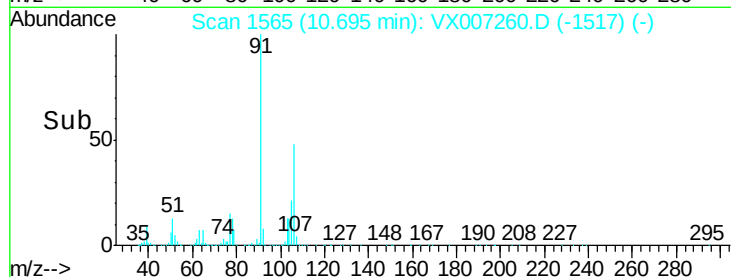
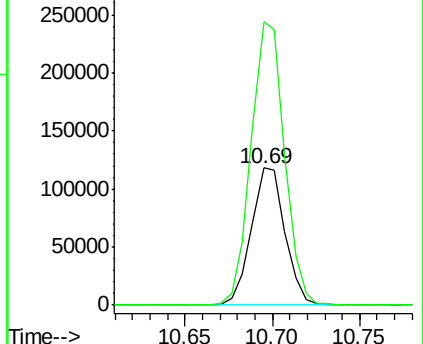
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 18.569 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX007260.D

Acq: 28 Jan 2019 15:05

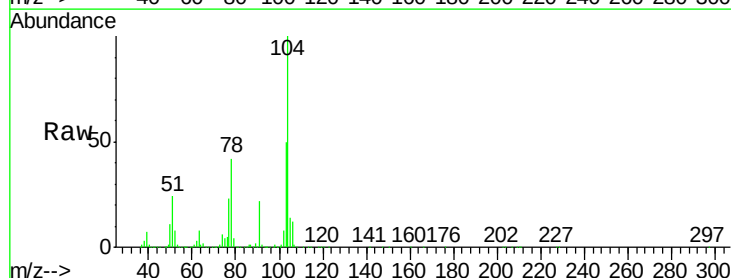
Tgt Ion:104 Resp: 252794

Ion Ratio Lower Upper

104 100

78 48.9 37.7 56.5

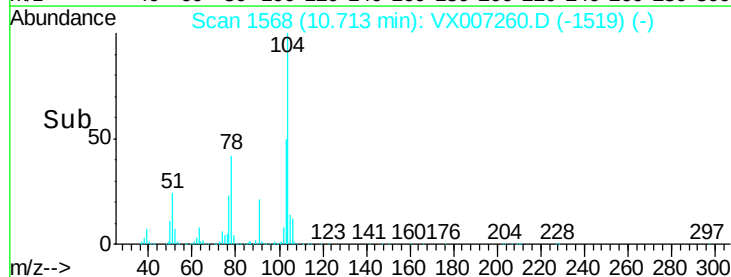
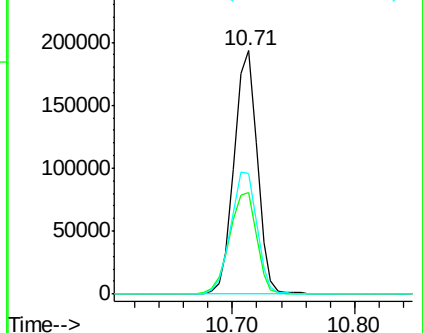
103 57.1 43.8 65.8

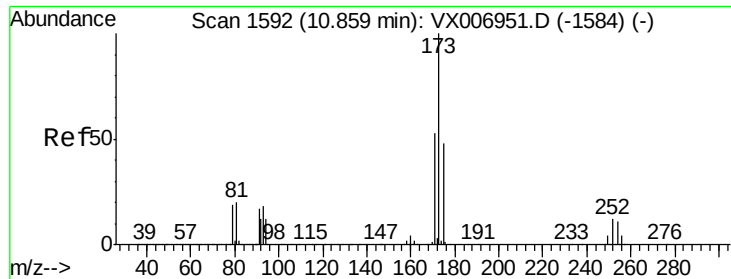


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.770 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007260.D

Acq: 28 Jan 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0128WBS01

Tot Ion:173 Resp: 67755

Ion Ratio Lower Upper

173 100

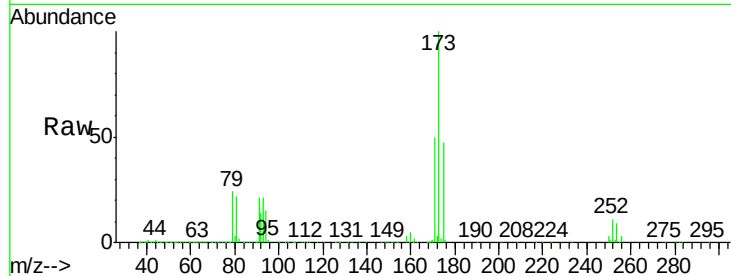
175 48.1 24.7 74.1

254 0.4 0.2 0.2#

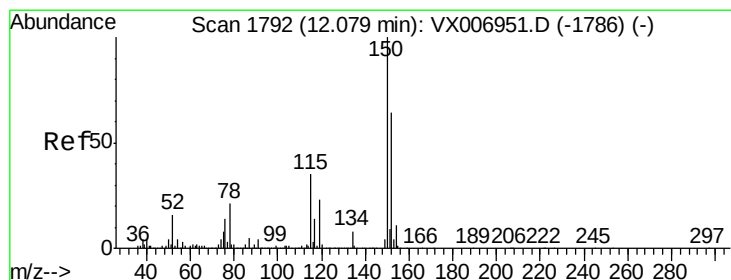
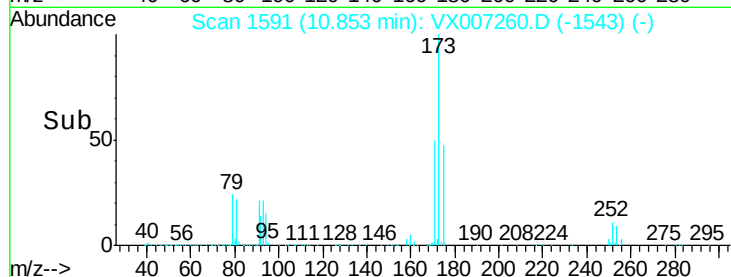
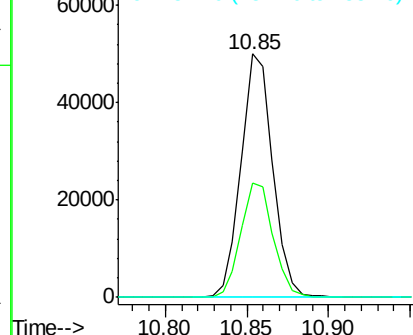
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007260.D

Acq: 28 Jan 2019 15:05

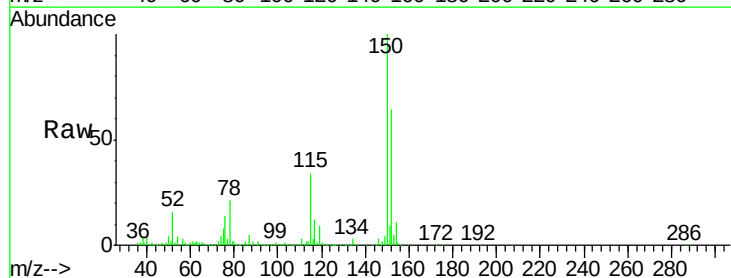
Tgt Ion:152 Resp: 319226

Ion Ratio Lower Upper

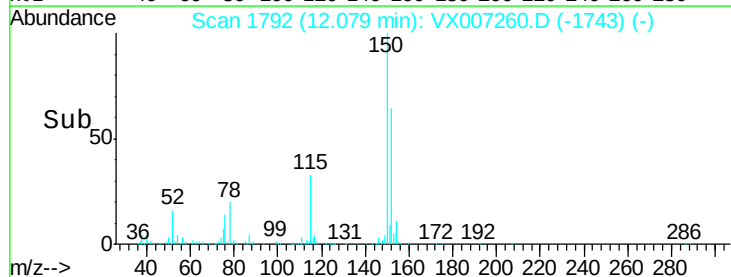
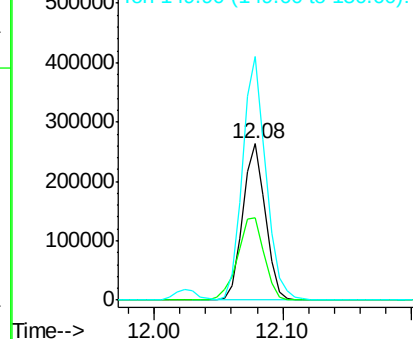
152 100

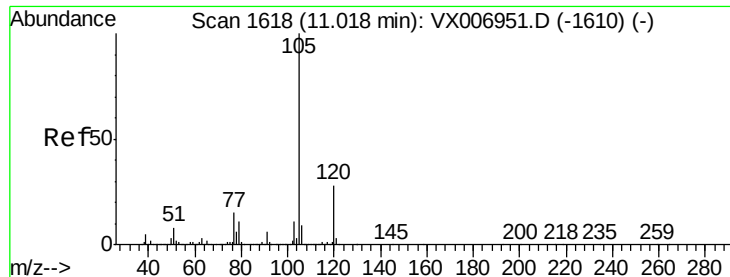
115 62.5 39.1 117.2

150 161.8 0.0 344.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.716 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007260.D

Acq: 28 Jan 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0128WBS01

Tot Ion:105 Resp: 421288

Ion Ratio Lower Upper

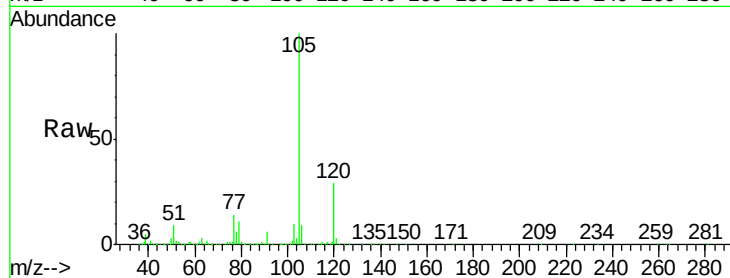
105 100

120 28.5 14.1 42.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

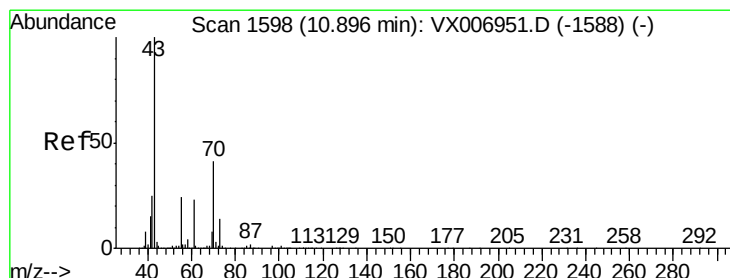
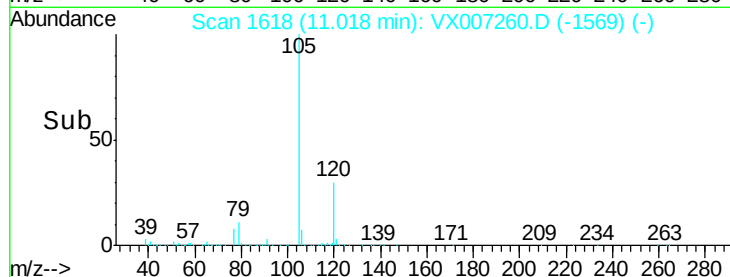
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 18.539 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007260.D

Acq: 28 Jan 2019 15:05

Tgt Ion: 43 Resp: 168020

Ion Ratio Lower Upper

43 100

70 43.8 35.8 53.8

55 25.5 19.4 29.0

61 25.2 20.1 30.1

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.90

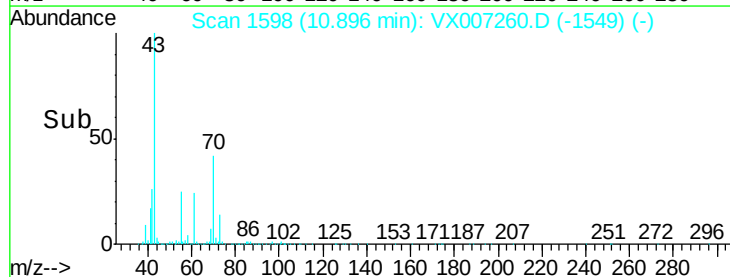
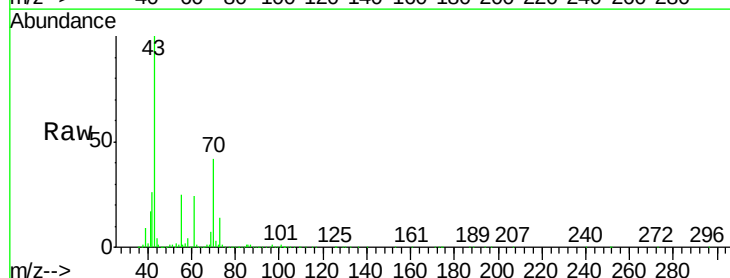
150000

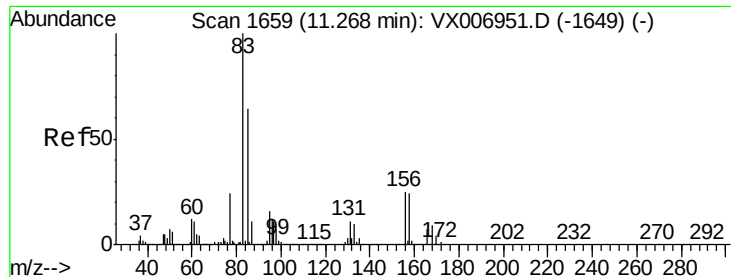
100000

50000

0

Time--> 10.85 10.90 10.95





#75

1,1,2,2-Tetrachloroethane

Concen: 19.505 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007260.D

Acq: 28 Jan 2019 15:05

Instrument :

MSVOA_X

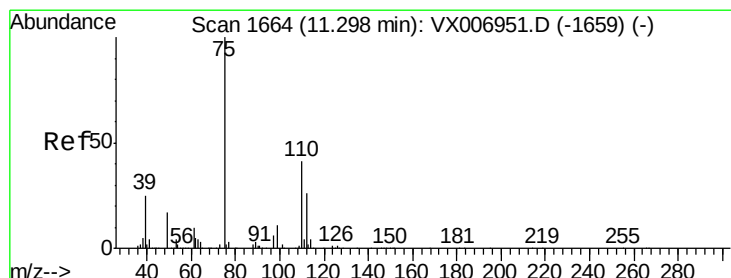
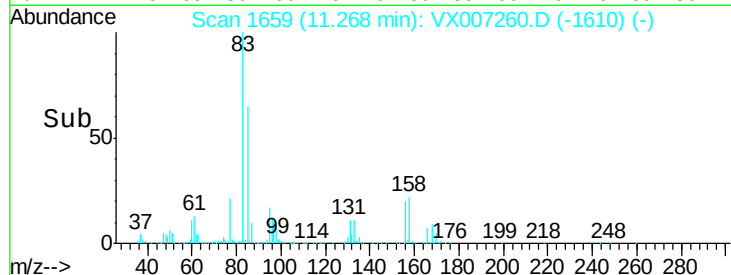
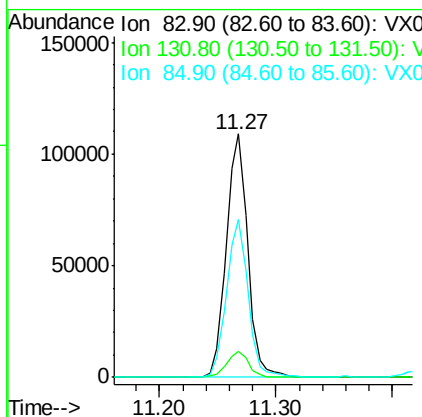
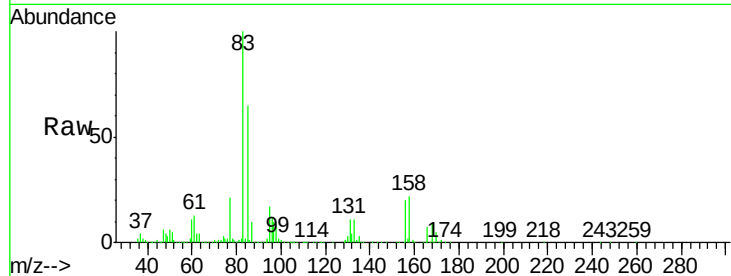
ClientSampleId :

VX0128WBS01

Tot Ion:	83	Resp:	139382
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.7	17.1
85	65.3	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 20.795 ug/l m

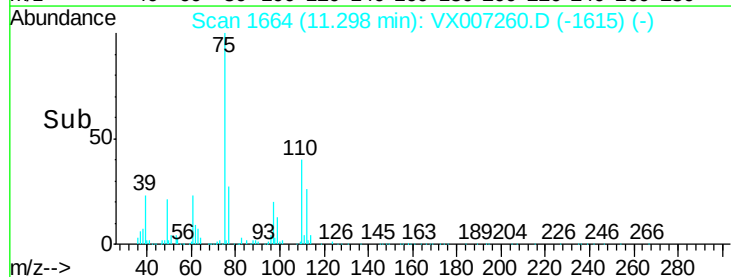
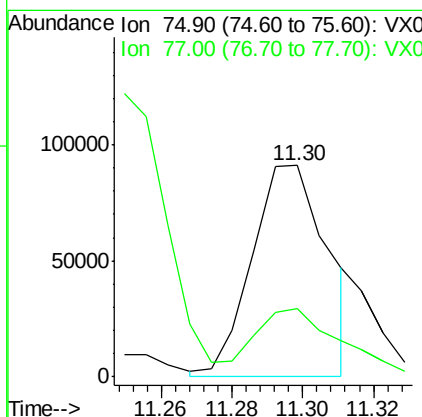
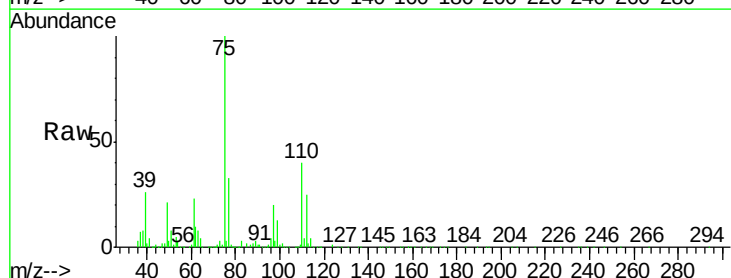
RT: 11.30 min Scan# 1664

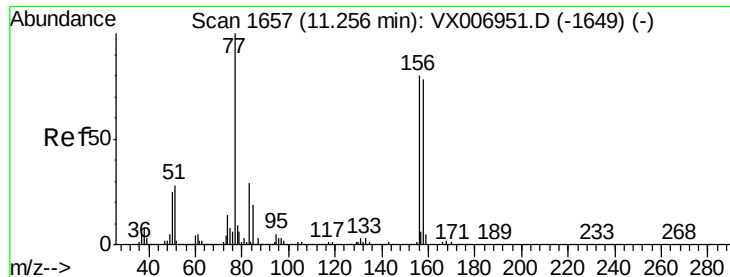
Delta R.T. 0.00 min

Lab File: VX007260.D

Acq: 28 Jan 2019 15:05

Tgt Ion:	75	Resp:	134525
Ion Ratio	Lower	Upper	
75	100		
77	37.6	18.5	55.5





#77

Bromobenzene

Concen: 18.989 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007260.D

Acq: 28 Jan 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0128WBS01

Tot Ion:156 Resp: 117773

Ion Ratio Lower Upper

156 100

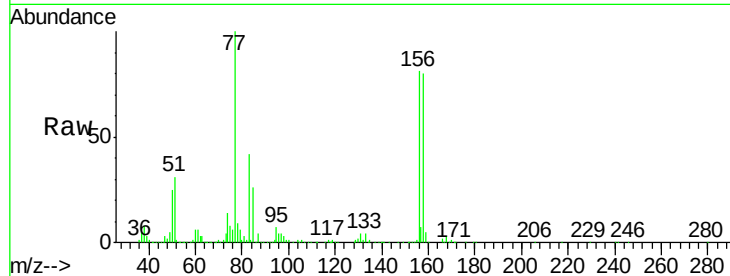
77 135.0 68.0 204.0

158 97.5 48.3 144.8

Manual Integrations
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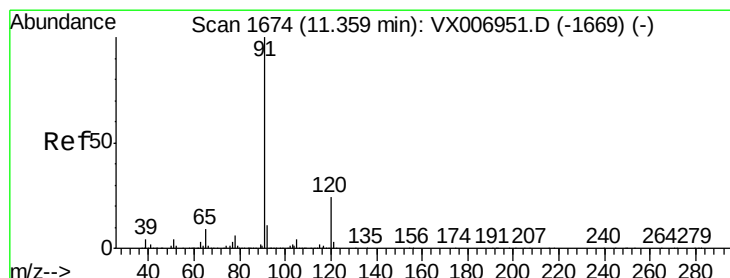
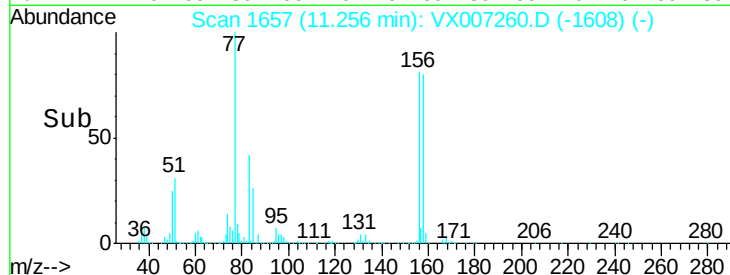
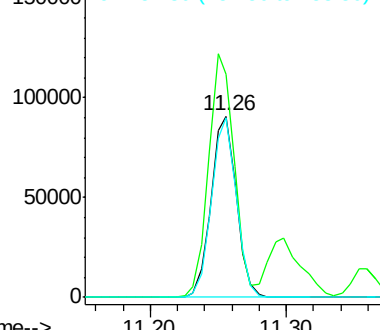
1/29/2019 9:51:19 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.796 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007260.D

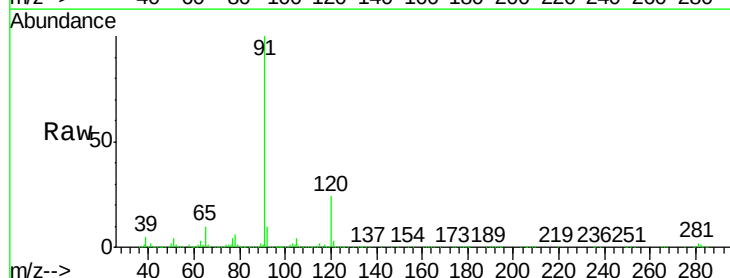
Acq: 28 Jan 2019 15:05

Tgt Ion: 91 Resp: 464470

Ion Ratio Lower Upper

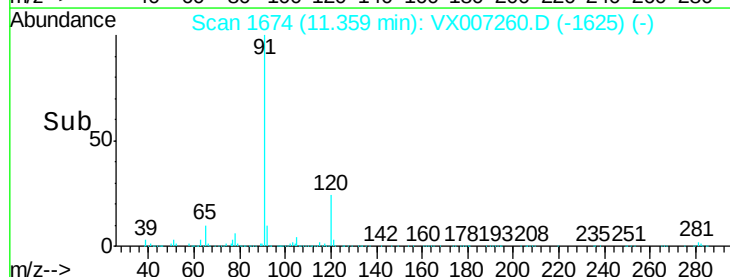
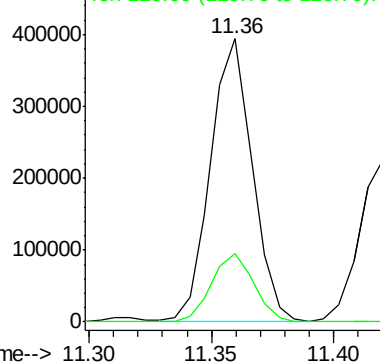
91 100

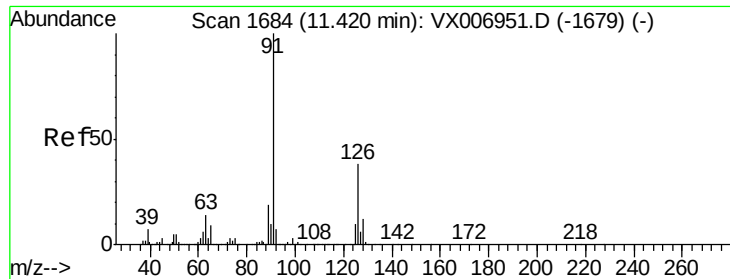
120 24.8 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.695 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007260.D

Acq: 28 Jan 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0128WBS01

Tot Ion: 91 Resp: 278092

Ion Ratio Lower Upper

91 100

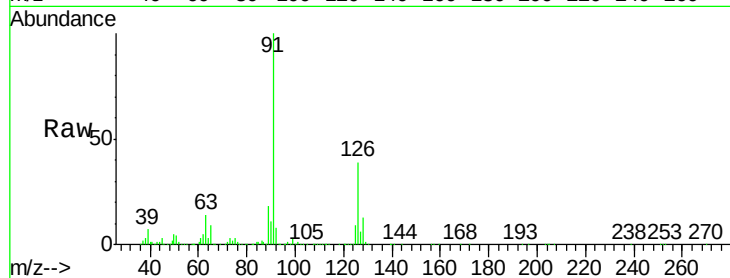
126 37.7 18.6 56.0

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Abundance Ion 91.00 (90.70 to 91.70): VX006951.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX006951.D (-1679) (-)

400000

300000

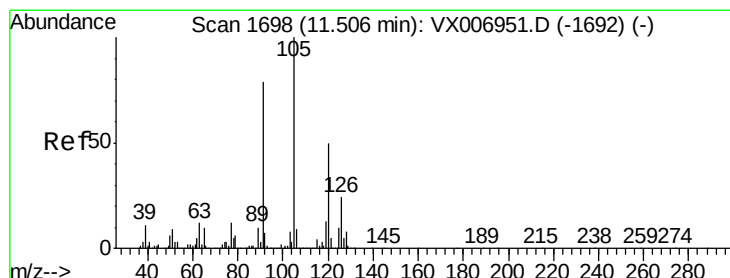
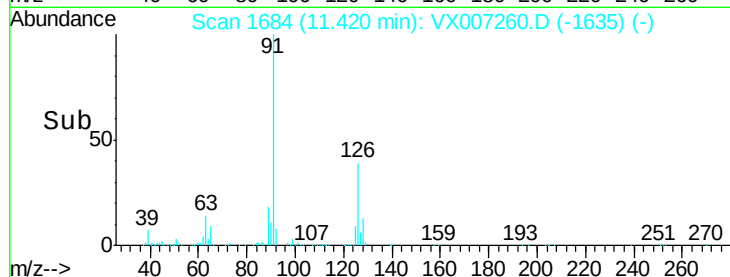
200000

100000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.513 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007260.D

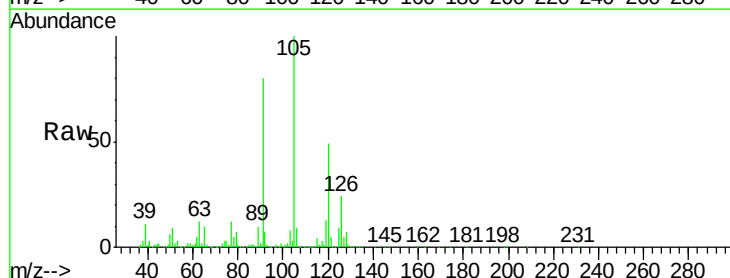
Acq: 28 Jan 2019 15:05

Tgt Ion: 105 Resp: 348216

Ion Ratio Lower Upper

105 100

120 50.2 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX006951.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX006951.D (-1692) (-)

300000

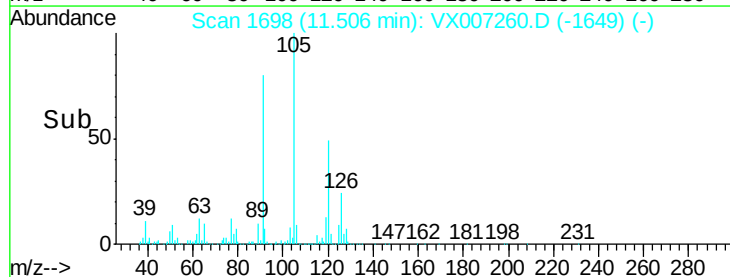
200000

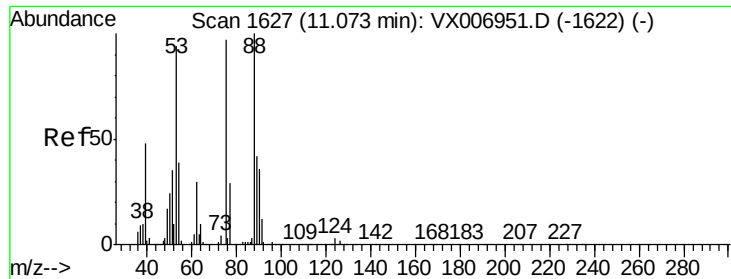
100000

0

11.40 11.50 11.60

Time-->





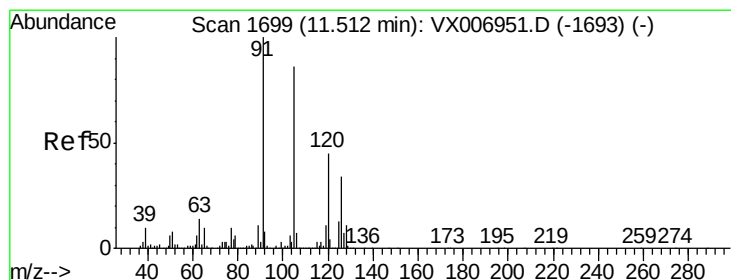
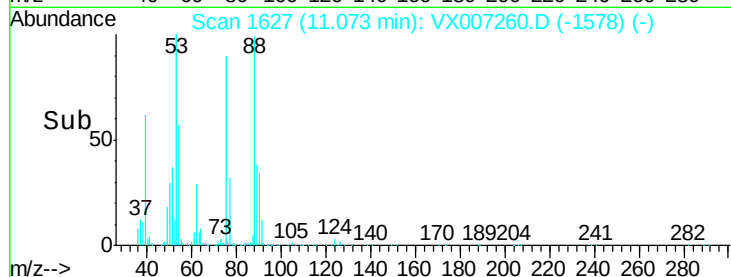
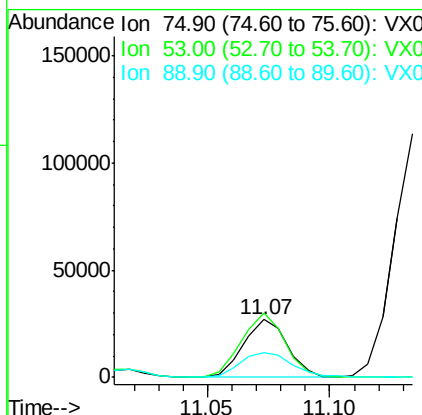
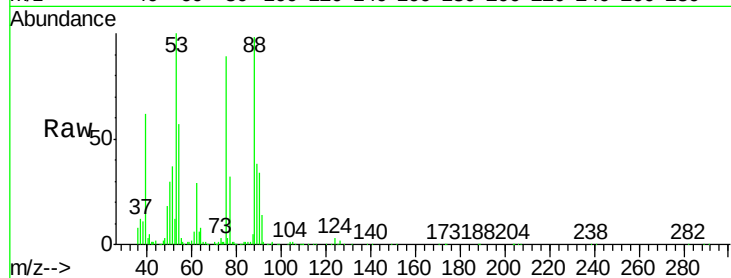
#81
trans-1,4-Dichloro-2-butene
Concen: 18.059 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007260.D
Acq: 28 Jan 2019 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	115.7	79.7	119.5
89	51.6	38.0	57.0

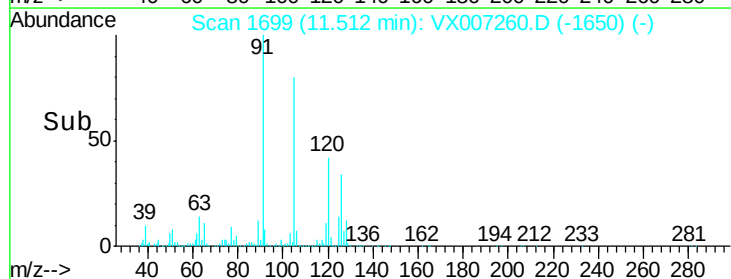
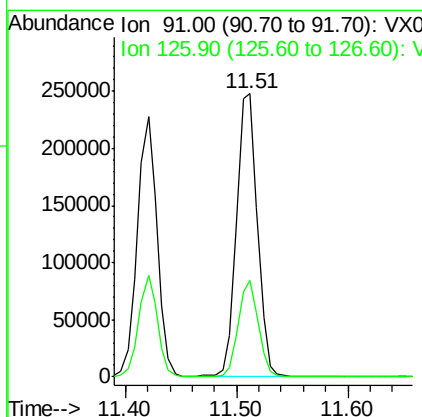
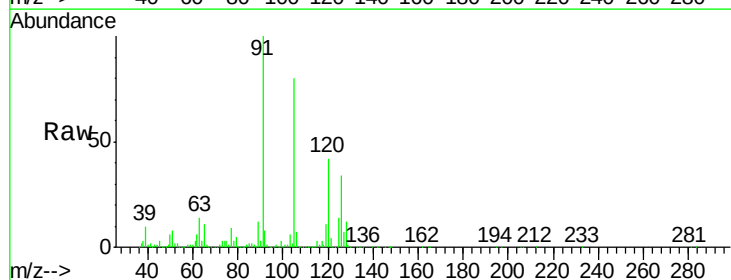
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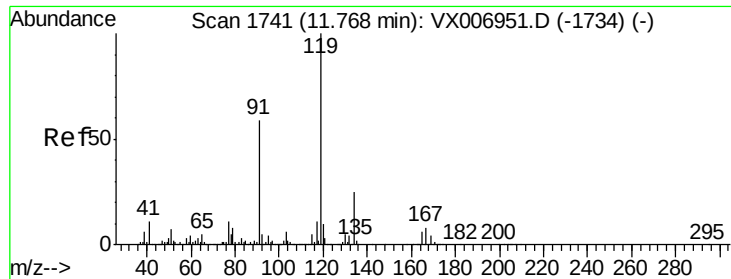
MMDadoda
1/29/2019 9:51:19 AM



#82
4-Chlorotoluene
Concen: 18.630 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX007260.D
Acq: 28 Jan 2019 15:05

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.3	48.9





#83

tert-Butylbenzene

Concen: 18.243 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007260.D

Acq: 28 Jan 2019 15:05

Instrument :

MSVOA_X

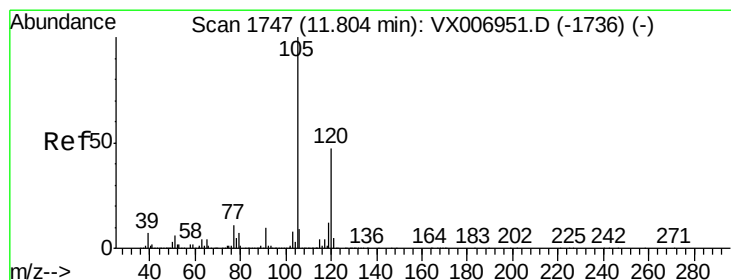
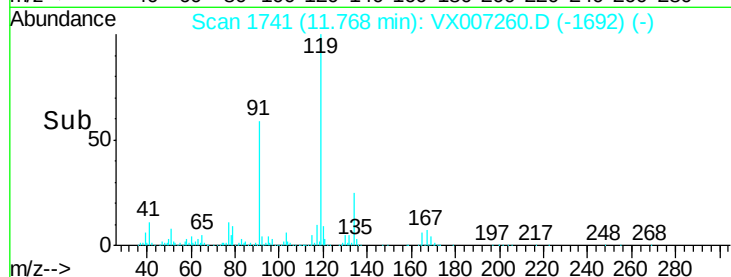
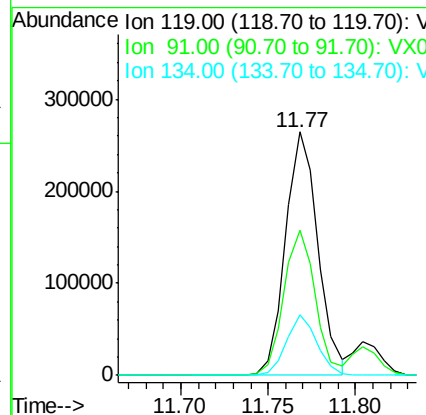
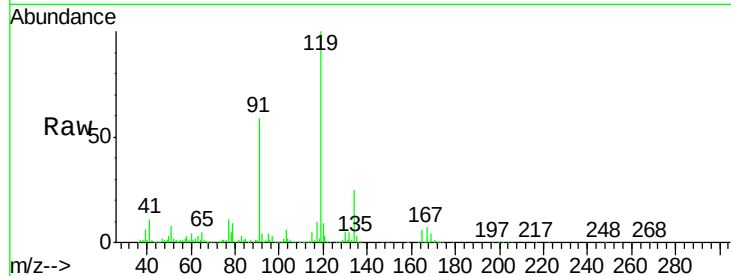
ClientSampleId :

VX0128WBS01

Tot Ion:	119	Resp:	342340
Ion Ratio	Lower	Upper	
119	100		
91	57.7	27.7	83.1
134	23.6	11.9	35.5

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#84

1,2,4-Trimethylbenzene

Concen: 18.787 ug/l

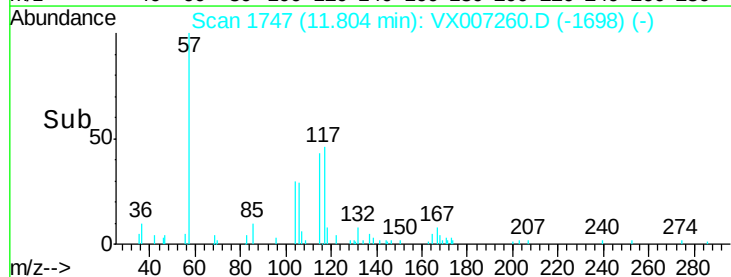
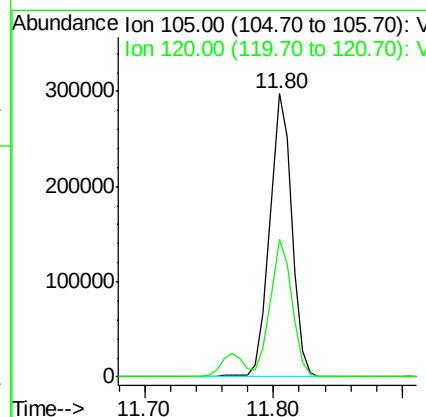
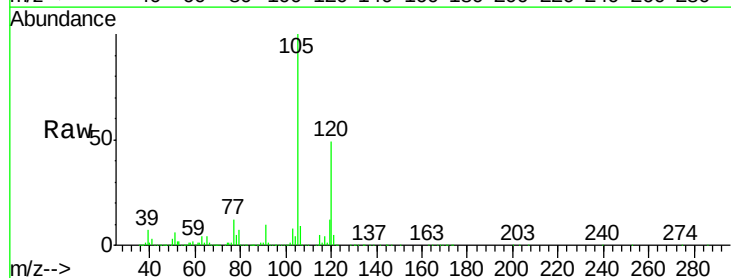
RT: 11.80 min Scan# 1747

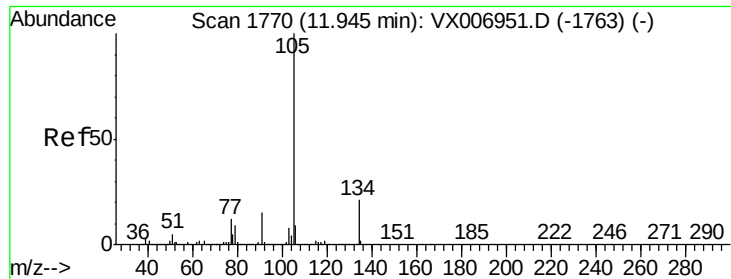
Delta R.T. 0.00 min

Lab File: VX007260.D

Acq: 28 Jan 2019 15:05

Tgt Ion:	105	Resp:	355328
Ion Ratio	Lower	Upper	
105	100		
120	47.5	23.2	69.6





#85

sec-Butylbenzene

Concen: 18.990 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007260.D

Acq: 28 Jan 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0128WBS01

Tot Ion:105 Resp: 425593

Ion Ratio Lower Upper

105 100

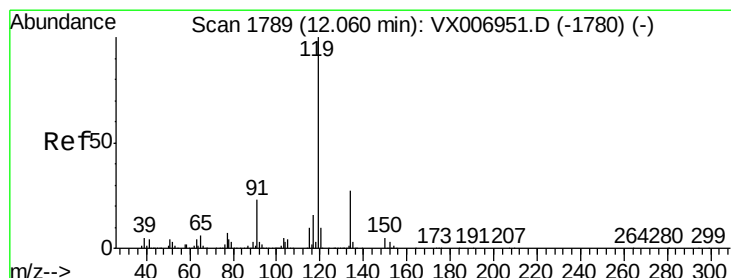
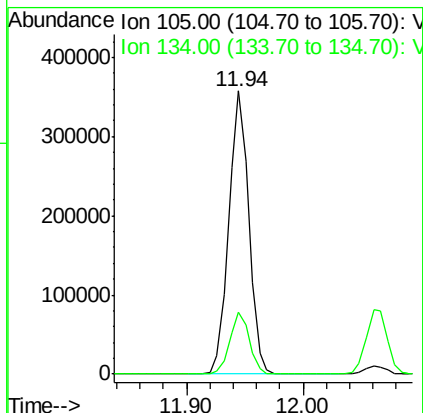
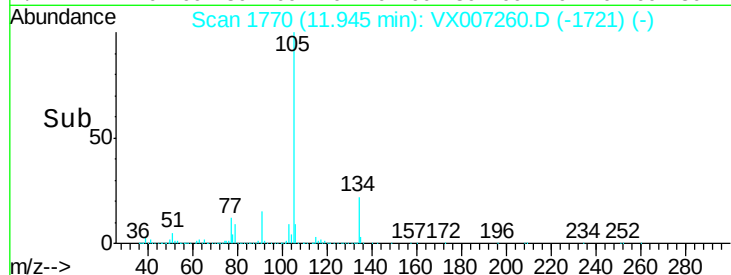
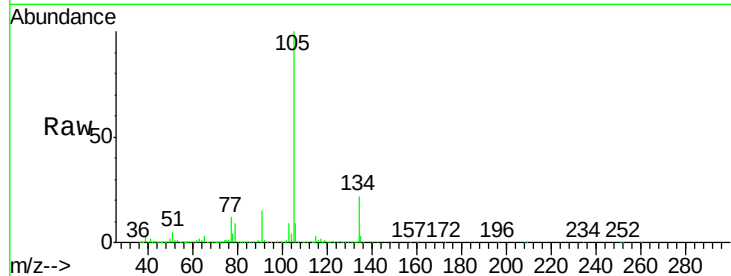
134 21.4 10.7 31.9

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#86

p-Isopropyltoluene

Concen: 18.861 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007260.D

Acq: 28 Jan 2019 15:05

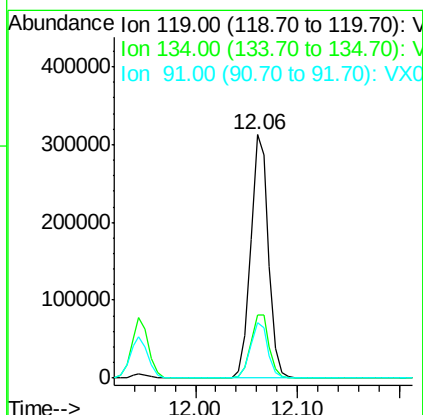
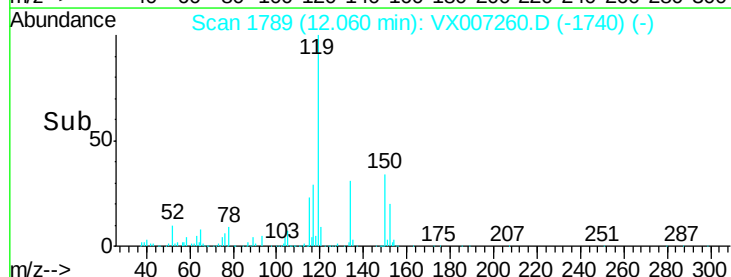
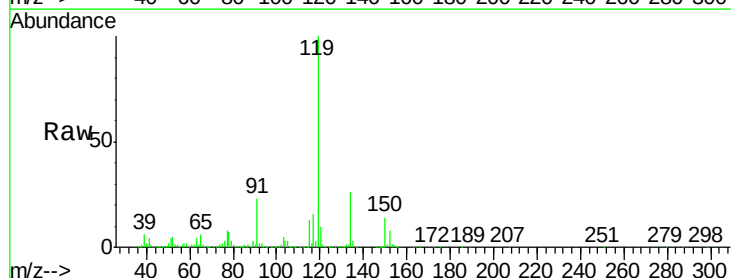
Tgt Ion:119 Resp: 378108

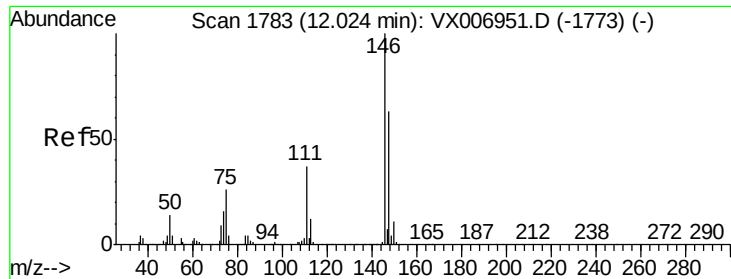
Ion Ratio Lower Upper

119 100

134 27.1 14.0 41.9

91 22.7 11.3 33.9





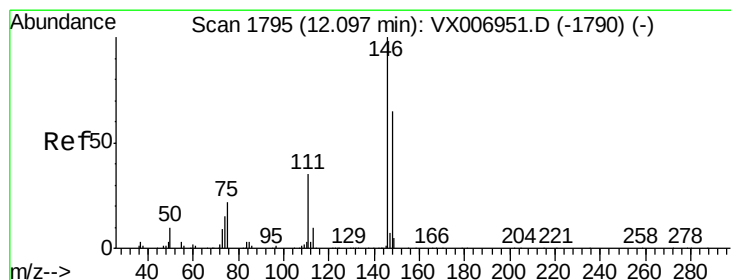
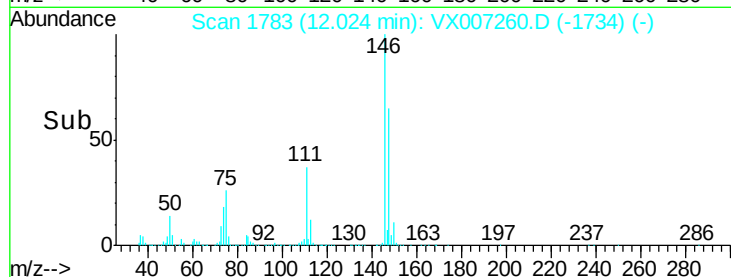
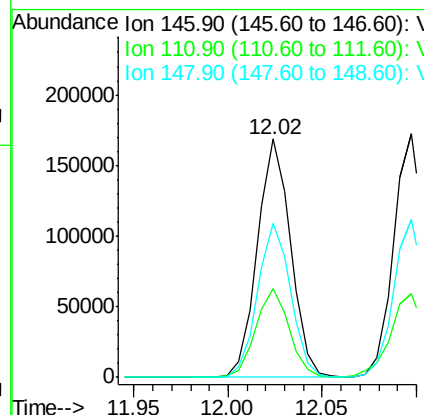
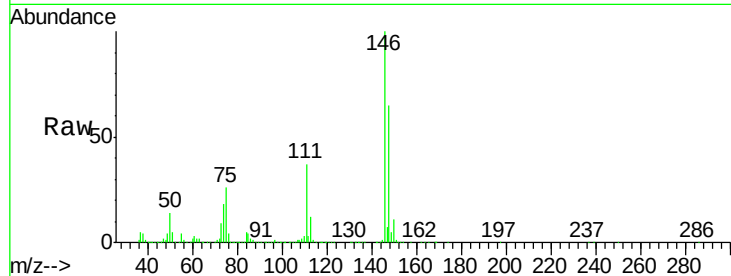
#87
 1,3-Dichlorobenzene
 Concen: 18.396 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007260.D
 Acq: 28 Jan 2019 15:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0128WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.6	55.8
148	64.5	31.8	95.3

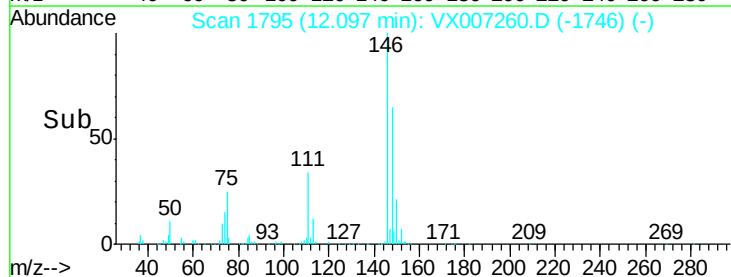
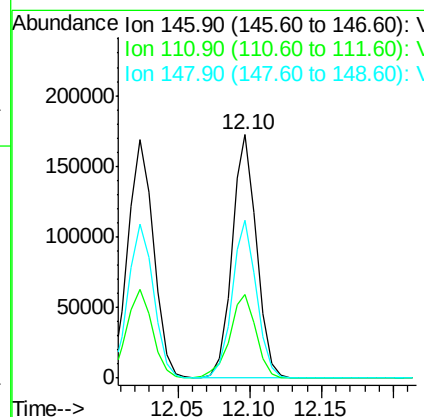
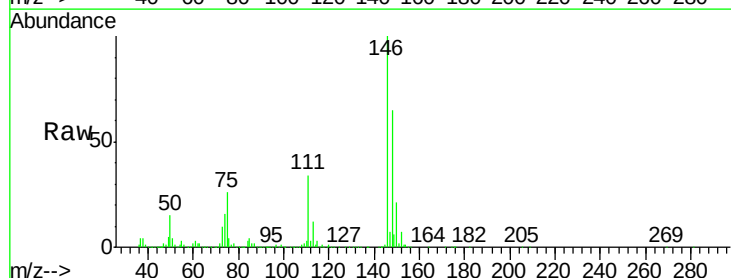
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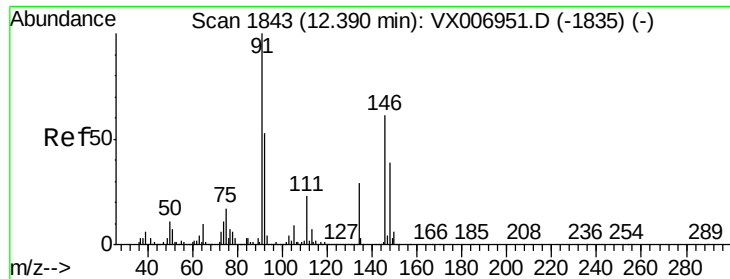
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#88
 1,4-Dichlorobenzene
 Concen: 19.490 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007260.D
 Acq: 28 Jan 2019 15:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.1	54.1
148	65.0	31.9	95.9





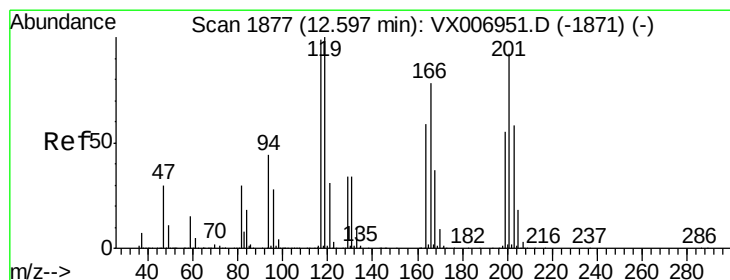
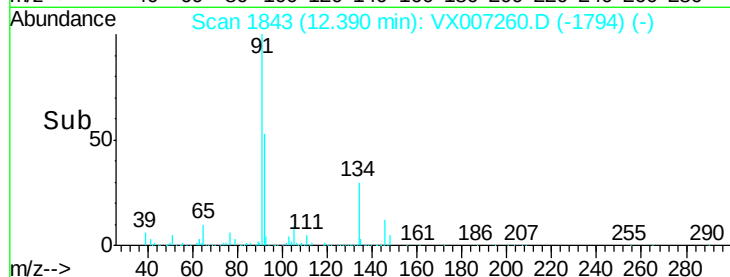
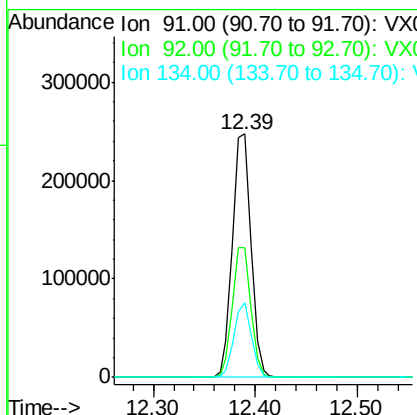
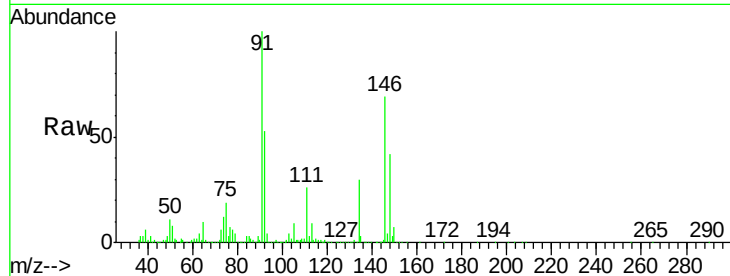
#89
n-Butylbenzene
Concen: 18.118 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX007260.D
Acq: 28 Jan 2019 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	309625		
92	53.0		26.8	80.4
134	28.7		14.4	43.2

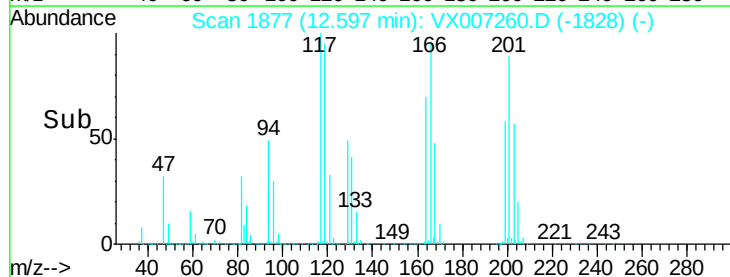
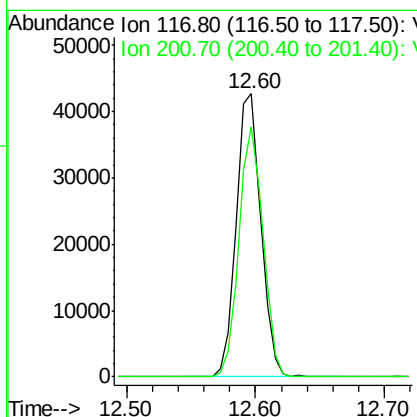
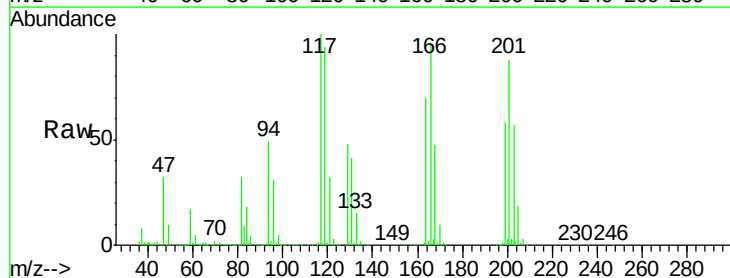
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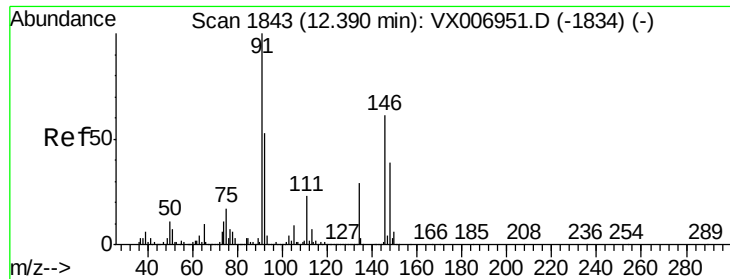
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#90
Hexachloroethane
Concen: 19.683 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007260.D
Acq: 28 Jan 2019 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	57000		
201	85.9		42.9	128.7





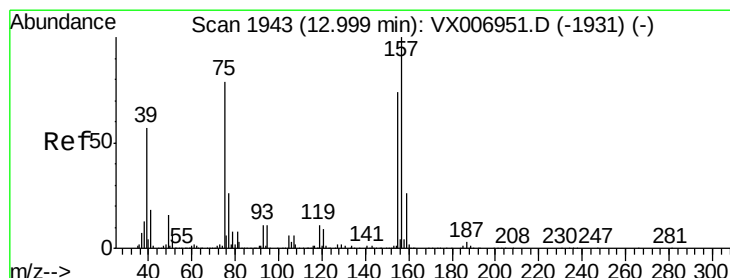
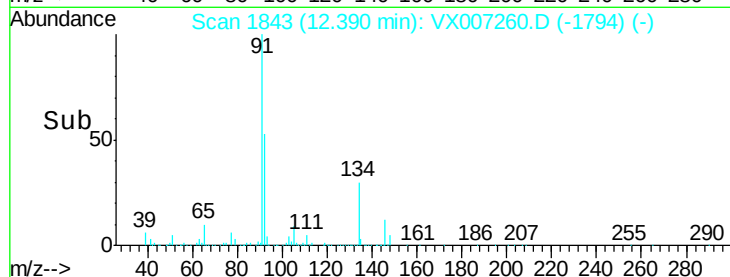
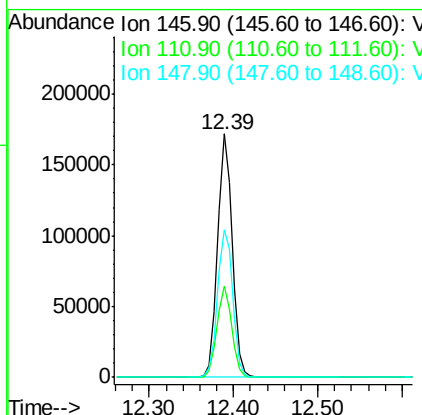
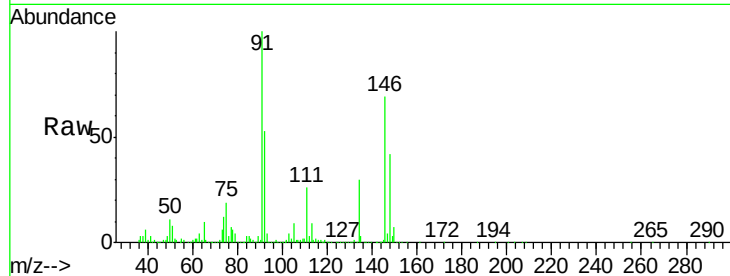
#91
 1,2-Dichlorobenzene
 Concen: 18.901 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007260.D
 Acq: 28 Jan 2019 15:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0128WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.4	58.2
148	62.7	32.3	96.9

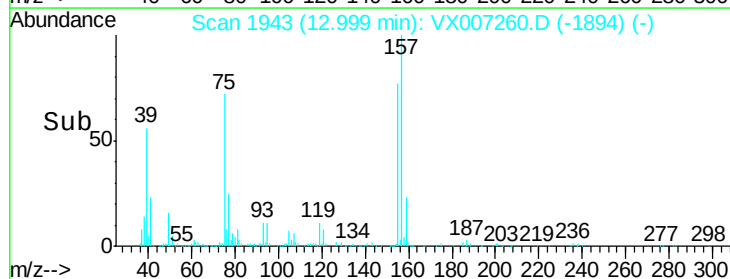
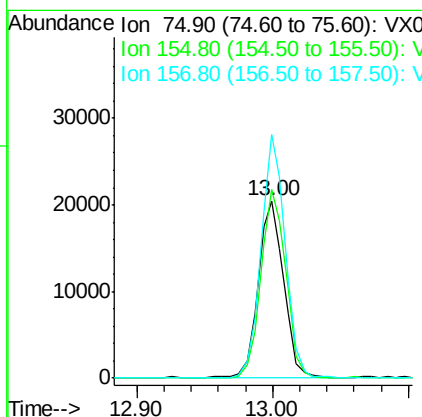
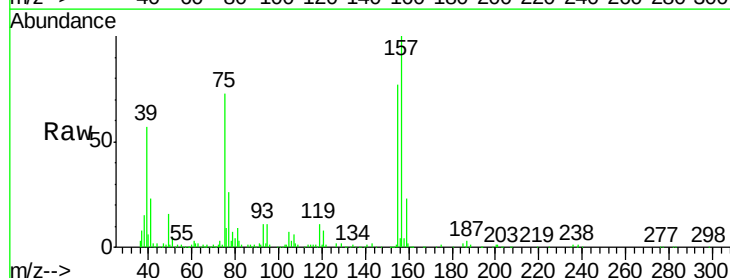
Manual Integrations
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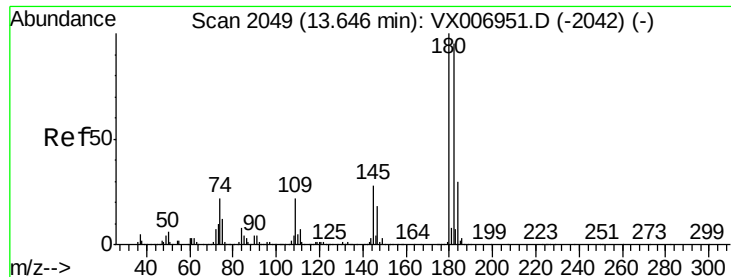
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 1/29/2019 9:51:19 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.100 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007260.D
 Acq: 28 Jan 2019 15:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.7	50.6	151.8
157	130.3	64.6	193.8





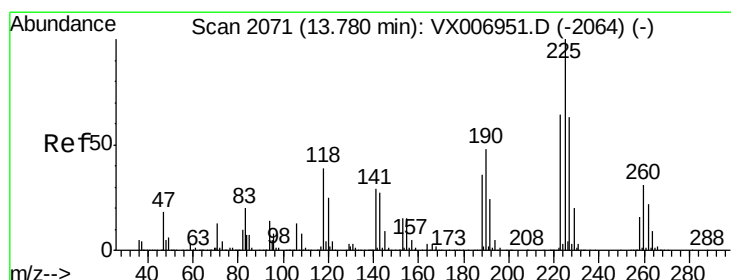
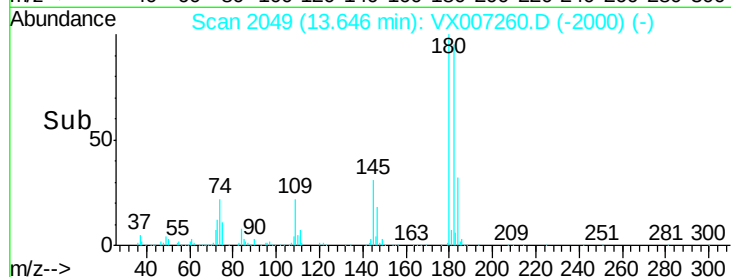
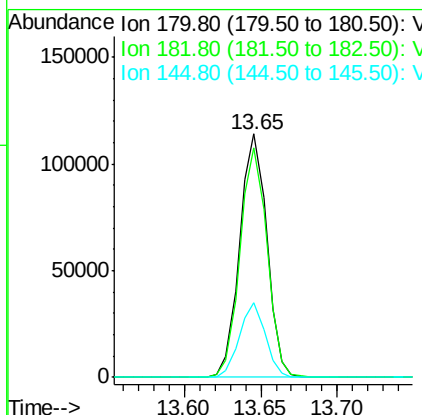
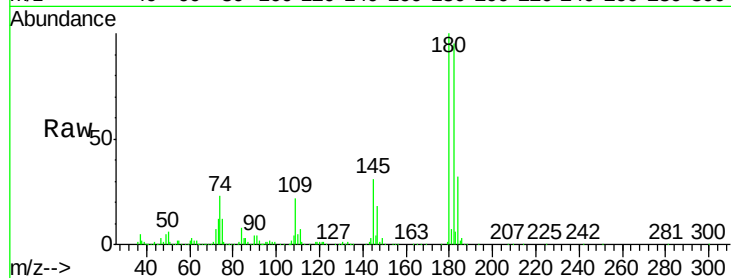
#93
 1,2,4-Trichlorobenzene
 Concen: 18.510 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007260.D
 Acq: 28 Jan 2019 15:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0128WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	140496		
182	94.0	47.3	142.0	
145	29.7	14.8	44.3	

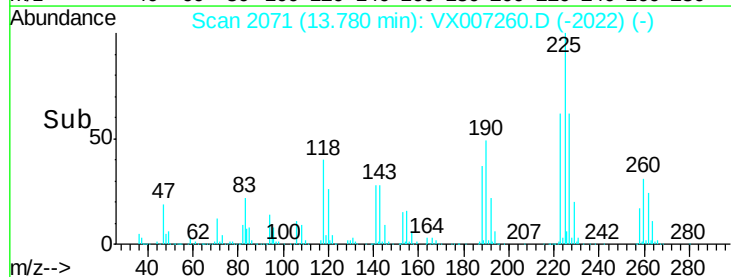
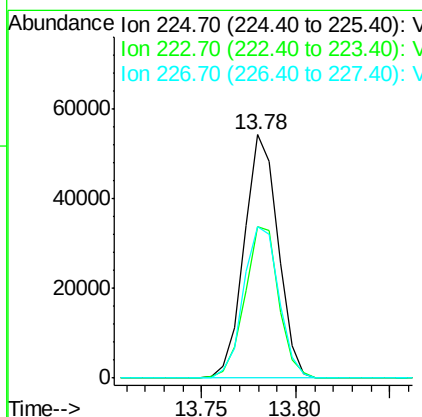
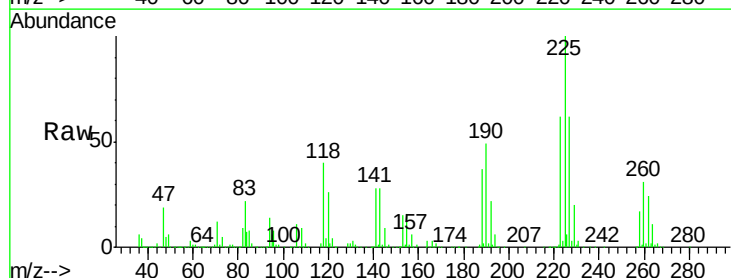
Manual Integrations
 APPROVED

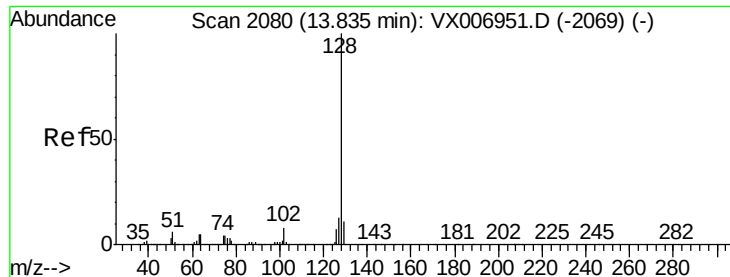
MMDadoda
 1/29/2019 9:51:19 AM



#94
 Hexachlorobutadiene
 Concen: 20.056 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007260.D
 Acq: 28 Jan 2019 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	67555		
223	62.5	32.1	96.3	
227	65.0	32.3	96.8	





#95

Naphthalene

Concen: 18.743 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007260.D

Acq: 28 Jan 2019 15:05

Instrument :

MSVOA_X

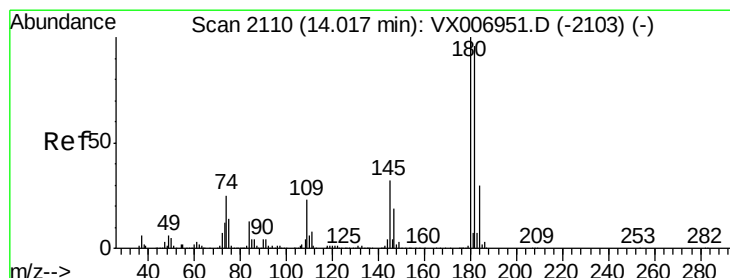
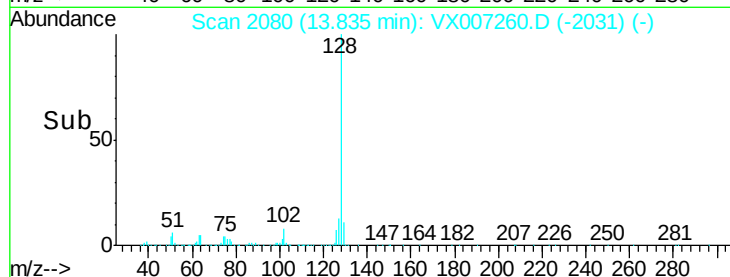
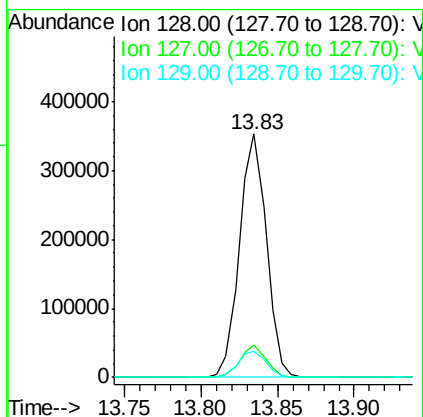
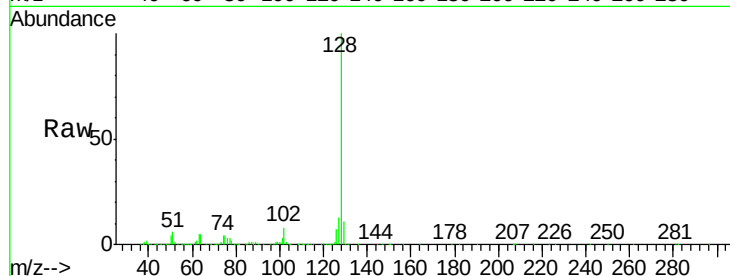
ClientSampleId :

VX0128WBS01

Tot Ion:	128	Resp:	431076
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.1	15.1
129	11.2	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
1/29/2019 9:51:19 AM



#96

1,2,3-Trichlorobenzene

Concen: 18.710 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007260.D

Acq: 28 Jan 2019 15:05

Tgt Ion:	180	Resp:	141074
Ion Ratio	Lower	Upper	
180	100		
182	95.7	48.5	145.5
145	31.0	16.0	47.9

