

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030819\
 Data File : VX007938.D
 Acq On : 08 Mar 2019 18:42
 Operator : JC/SP
 Sample : VX0308WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD02

Manual Integrations
 APPROVED

MMDadoda
 3/11/2019 12:02:27 PM

Quant Time: Mar 09 05:19:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	258528	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	372241	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	331577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161894	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	133364	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
35) Dibromofluoromethane	5.50	113	117776	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
50) Toluene-d8	8.71	98	443551	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
62) 4-Bromofluorobenzene	11.13	95	155737	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	42212	19.111	ug/l	97
3) Chloromethane	1.33	50	55268	19.417	ug/l	98
4) Vinyl Chloride	1.41	62	56181	19.864	ug/l	100
5) Bromomethane	1.64	94	32333	23.770	ug/l	99
6) Chloroethane	1.73	64	36436	19.392	ug/l	99
7) Trichlorofluoromethane	1.93	101	73155	19.867	ug/l	96
8) Diethyl Ether	2.19	74	31978	20.055	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	45403	19.897	ug/l	99
10) Methyl Iodide	2.51	142	66620	20.579	ug/l	99
11) Tert butyl alcohol	3.07	59	63683	104.416	ug/l	99
12) 1,1-Dichloroethene	2.38	96	43730	19.881	ug/l	97
13) Acrolein	2.30	56	29235	85.722	ug/l	100
14) Allyl chloride	2.73	41	89471	19.358	ug/l	99
15) Acrylonitrile	3.15	53	154110	100.108	ug/l	100
16) Acetone	2.45	43	146134	92.576	ug/l	100
17) Carbon Disulfide	2.57	76	132327	19.537	ug/l	98
18) Methyl Acetate	2.78	43	70261	20.951	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	154453	20.411	ug/l	99
20) Methylene Chloride	2.86	84	49701	19.783	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	47089	19.456	ug/l	98
22) Diisopropyl ether	3.87	45	168992	19.946	ug/l	100
23) Vinyl Acetate	3.82	43	730393	98.305	ug/l	100
24) 1,1-Dichloroethane	3.70	63	90894	19.935	ug/l	100
25) 2-Butanone	4.70	43	219475	98.208	ug/l	100
26) 2,2-Dichloropropane	4.59	77	57722	19.109	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	54160	19.556	ug/l	99
28) Bromochloromethane	5.03	49	42265	19.883	ug/l	99
29) Tetrahydrofuran	5.15	42	139768	100.265	ug/l	100
30) Chloroform	5.21	83	86026	19.946	ug/l	100
31) Cyclohexane	5.57	56	83329	19.885	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	70769	19.776	ug/l	99
36) 1,1-Dichloropropene	5.80	75	64829	19.234	ug/l	99
37) Ethyl Acetate	4.85	43	78308	19.578	ug/l	99
38) Carbon Tetrachloride	5.78	117	61423	19.195	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	80021	19.593	ug/l	99
40) Benzene	6.14	78	202410	20.172	ug/l	100
41) Methacrylonitrile	5.06	41	44811	20.549	ug/l	99
42) 1,2-Dichloroethane	6.20	62	66352	20.220	ug/l	100
43) Isopropyl Acetate	6.46	43	118789	20.067	ug/l	100
44) Trichloroethene	7.21	130	54069	19.553	ug/l	99
45) 1,2-Dichloropropane	7.52	63	53909	20.341	ug/l	97
46) Dibromomethane	7.66	93	33201	19.795	ug/l	99
47) Bromodichloromethane	7.90	83	62561	19.674	ug/l	100
48) Methyl methacrylate	7.77	41	63024	20.250	ug/l	100
49) 1,4-Dioxane	7.75	88	26029	407.127	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	397790	104.491	ug/l	100
52) Toluene	8.78	92	124049	20.249	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	64807	19.526	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	74827	19.964	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	51825	20.898	ug/l	99
56) Ethyl methacrylate	9.18	69	77555	20.828	ug/l	99
57) 1,3-Dichloropropane	9.37	76	86933	20.877	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	205904	106.902	ug/l	99
59) 2-Hexanone	9.49	43	302454	102.332	ug/l	100
60) Dibromochloromethane	9.58	129	51282	19.784	ug/l	99
61) 1,2-Dibromoethane	9.67	107	53734	20.408	ug/l	99
64) Tetrachloroethene	9.34	164	55012	20.021	ug/l	97
65) Chlorobenzene	10.14	112	135269	19.495	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	49080	19.737	ug/l	100
67) Ethyl Benzene	10.25	91	226751	19.853	ug/l	100
68) m/p-Xylenes	10.36	106	174731	39.690	ug/l	99
69) o-Xylene	10.69	106	84973	19.992	ug/l	100
70) Styrene	10.71	104	140480	20.198	ug/l	100
71) Bromoform	10.85	173	39465	18.480	ug/l #	98
73) Isopropylbenzene	11.02	105	228364	20.857	ug/l	100
74) N-amyl acetate	10.90	43	101353	20.276	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	75878	20.091	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	73478m	21.629	ug/l	
77) Bromobenzene	11.26	156	61260	20.407	ug/l	99
78) n-propylbenzene	11.36	91	251027	20.666	ug/l	99
79) 2-Chlorotoluene	11.42	91	151683	20.424	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	188217	20.886	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	20100	18.912	ug/l	92
82) 4-Chlorotoluene	11.51	91	174465	20.498	ug/l	100
83) tert-Butylbenzene	11.77	119	184563	20.332	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	192406	20.827	ug/l	99
85) sec-Butylbenzene	11.94	105	223549	20.910	ug/l	99
86) p-Isopropyltoluene	12.06	119	199642	20.851	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	106896	20.128	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	107083	19.689	ug/l	99
89) n-Butylbenzene	12.38	91	165334	20.382	ug/l	99
90) Hexachloroethane	12.60	117	31199	19.489	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	105952	20.083	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15122	19.158	ug/l	98

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ClientSampleId :
VX0308WBSD02

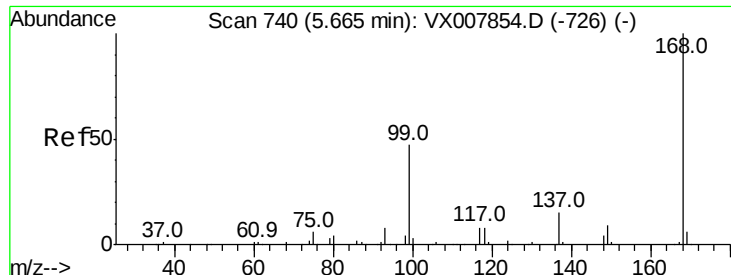
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	72866	19.660	ug/l	100
94) Hexachlorobutadiene	13.78	225	39375	20.320	ug/l	99
95) Naphthalene	13.83	128	218855	20.494	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	74344	20.136	ug/l	100

(#) = 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: VX007938.D

Acq: 08 Mar 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD02

Tot Ion:168 Resp: 258528

Ion Ratio Lower Upper

168 100

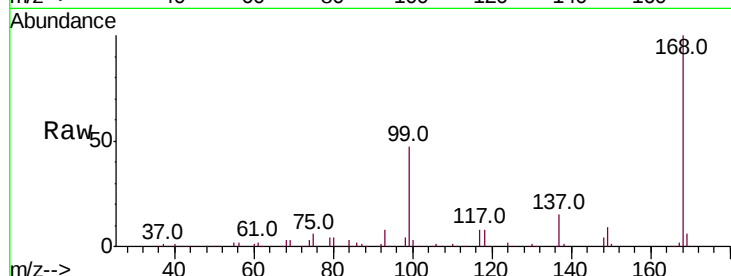
99 47.0 37.6 56.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

100000

80000

60000

40000

20000

0

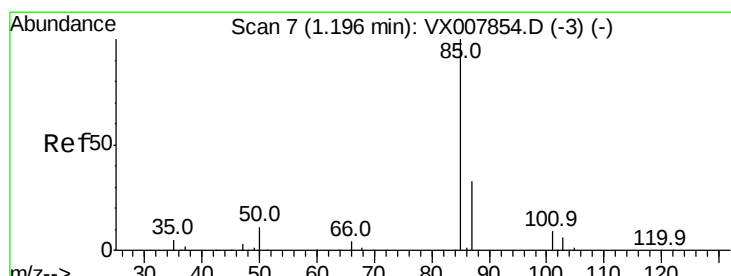
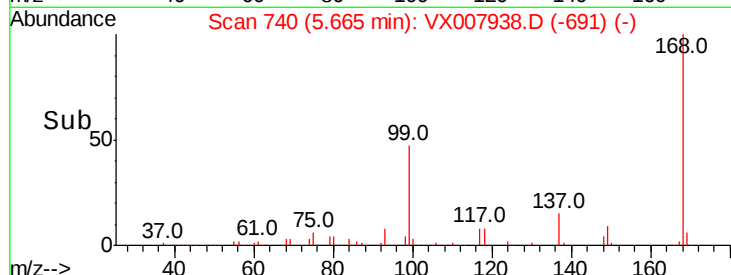
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.111 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007938.D

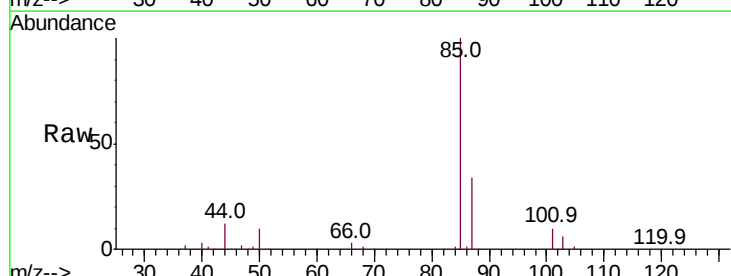
Acq: 08 Mar 2019 18:42

Tgt Ion: 85 Resp: 42212

Ion Ratio Lower Upper

85 100

87 34.3 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

40000

30000

20000

10000

0

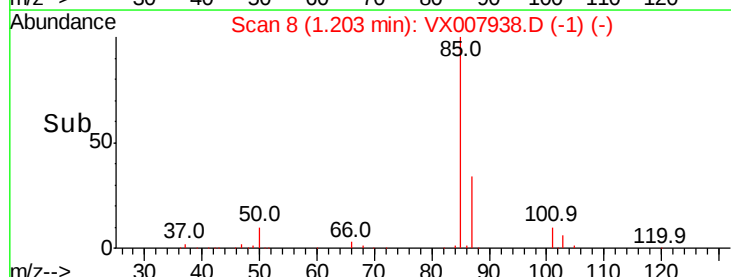
1.15

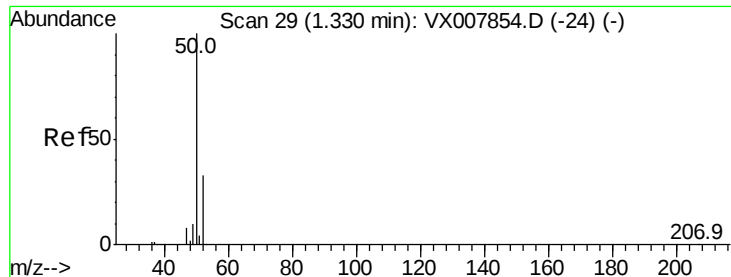
1.20

1.25

1.30

Time-->





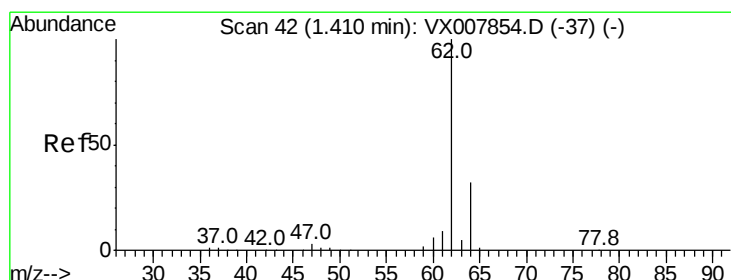
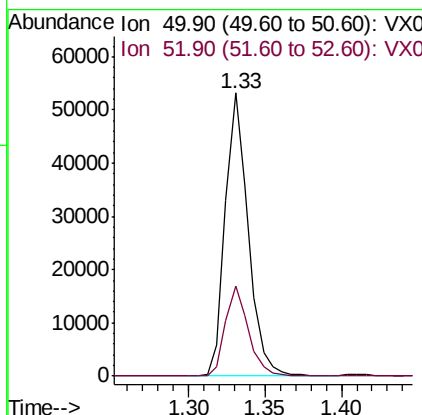
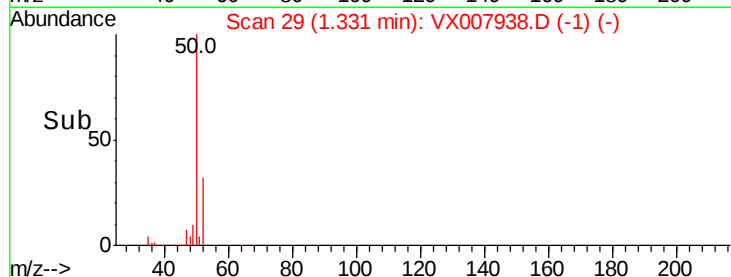
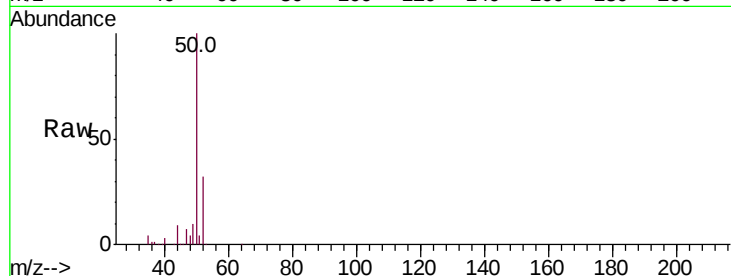
#3
Chloromethane
Concen: 19.417 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX007938.D
Acq: 08 Mar 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD02

Tot Ion: 50 Resp: 55268
Ion Ratio Lower Upper
50 100
52 31.9 26.5 39.7

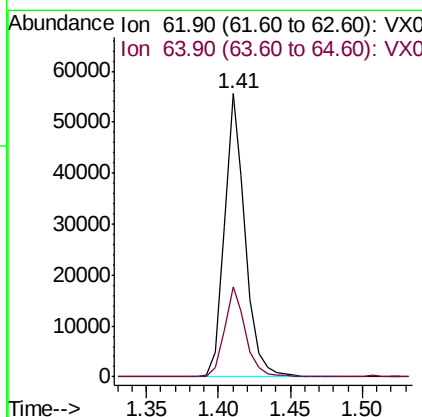
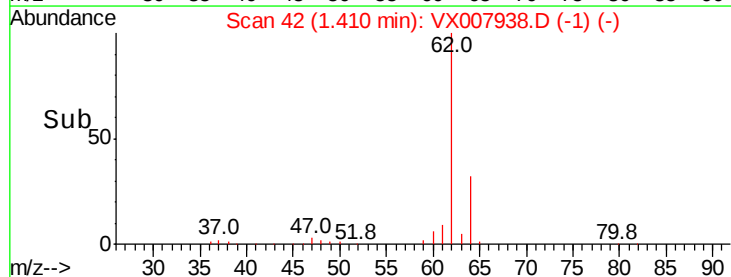
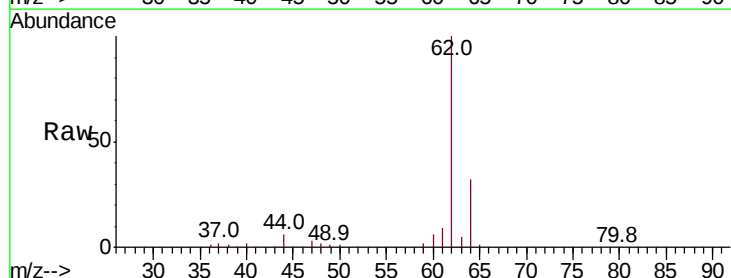
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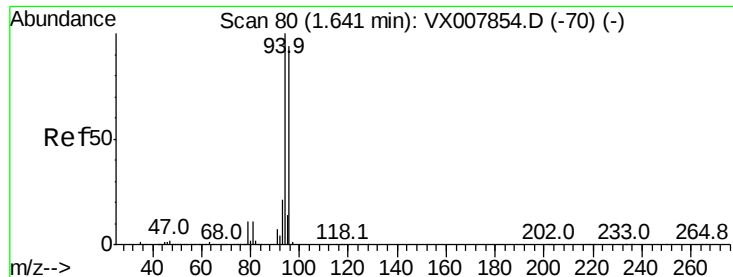
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#4
Vinyl Chloride
Concen: 19.864 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX007938.D
Acq: 08 Mar 2019 18:42

Tgt Ion: 62 Resp: 56181
Ion Ratio Lower Upper
62 100
64 31.6 25.3 37.9





#5

Bromomethane

Concen: 23.770 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007938.D

Acq: 08 Mar 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD02

Tot Ion: 94 Resp: 32333

Ion Ratio Lower Upper

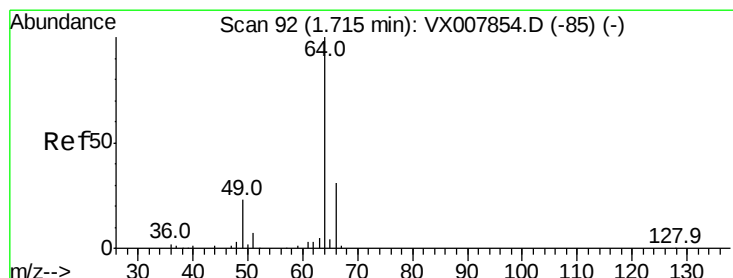
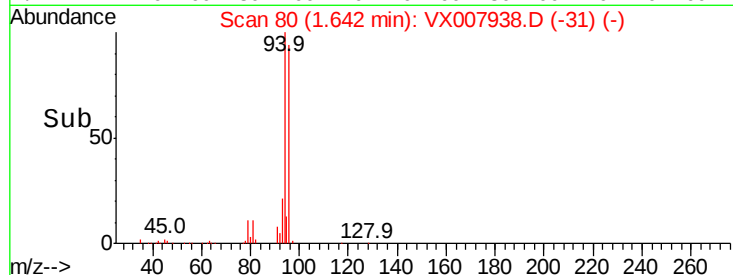
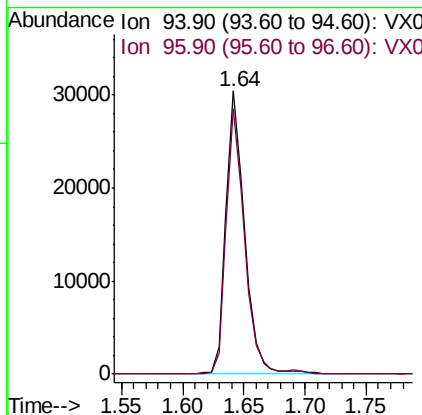
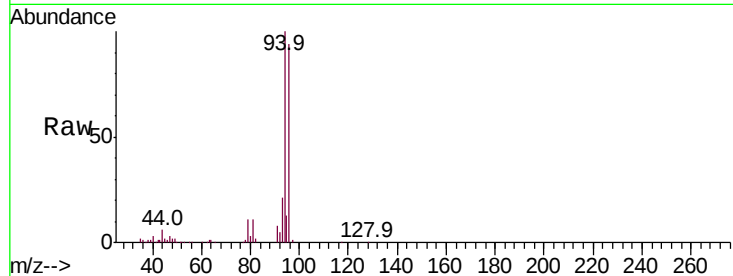
94 100

96 93.8 75.5 113.3

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#6

Chloroethane

Concen: 19.392 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007938.D

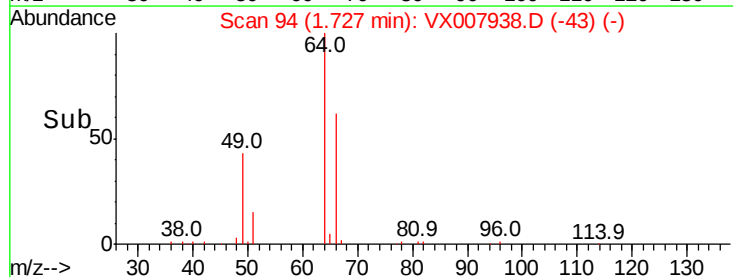
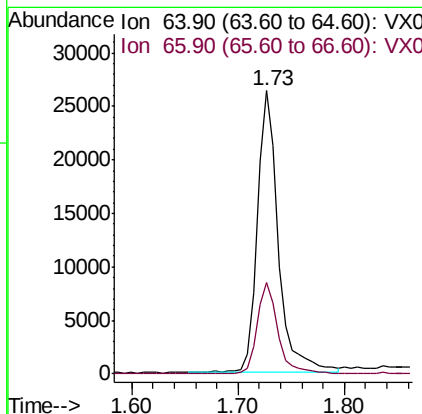
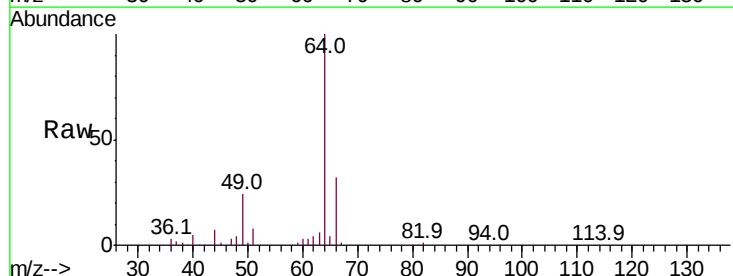
Acq: 08 Mar 2019 18:42

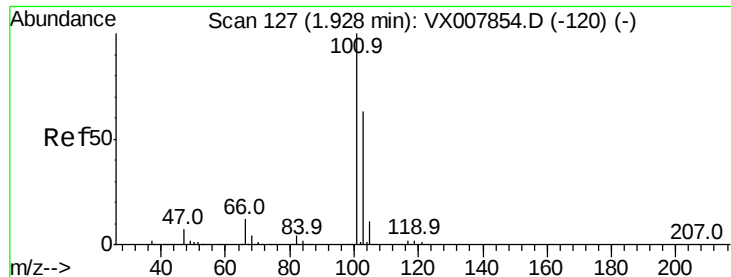
Tgt Ion: 64 Resp: 36436

Ion Ratio Lower Upper

64 100

66 32.3 25.2 37.8





#7

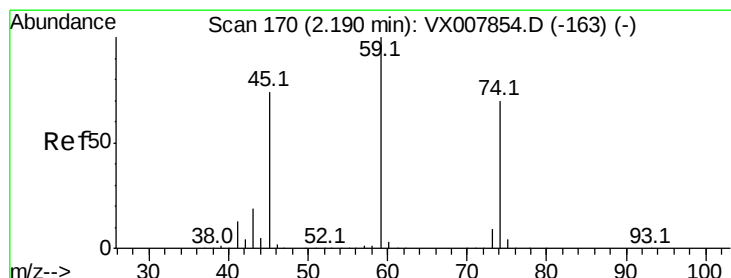
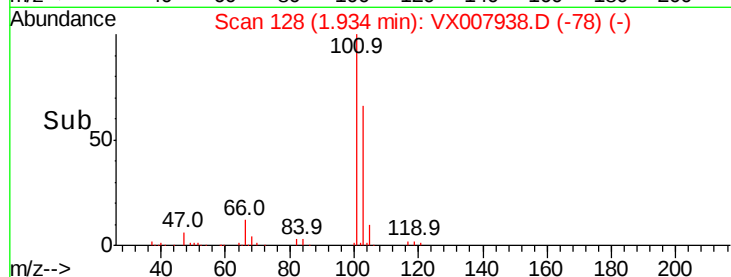
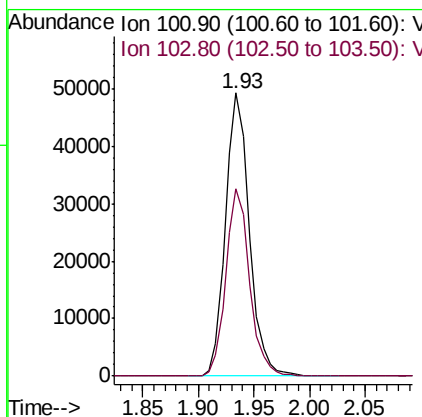
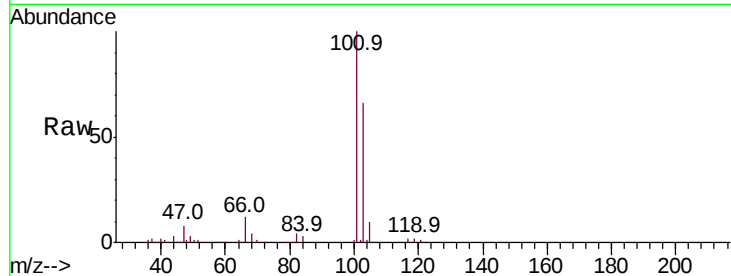
Trichlorofluoromethane
Concen: 19.867 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007938.D
Acq: 08 Mar 2019 18:42

Instrument :
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ClientSampleId :
VX0308WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.3	50.4	75.6

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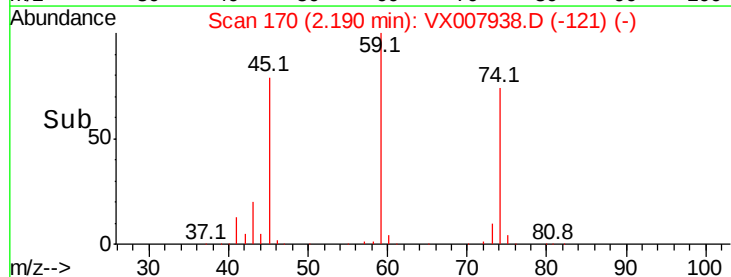
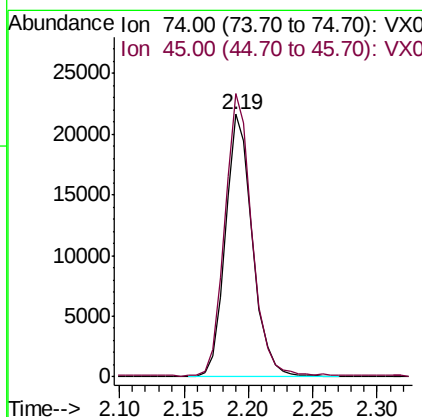
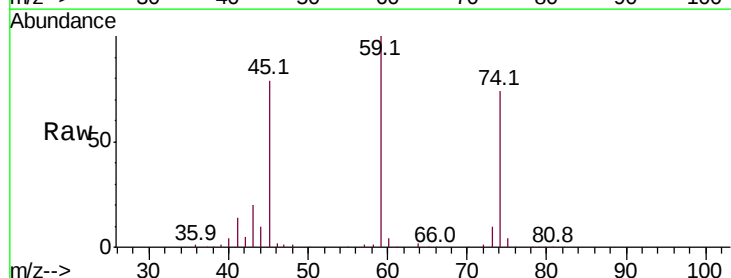
MMDadoda
3/11/2019 12:02:27 PM

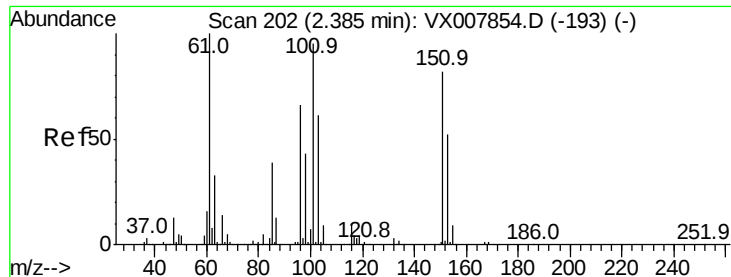


#8

Diethyl Ether
Concen: 20.055 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007938.D
Acq: 08 Mar 2019 18:42

Tgt Ion	Ratio	Lower	Upper
74	100		
45	108.0	52.1	156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.897 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007938.D

Acq: 08 Mar 2019 18:42

Instrument :

MSVOA_X

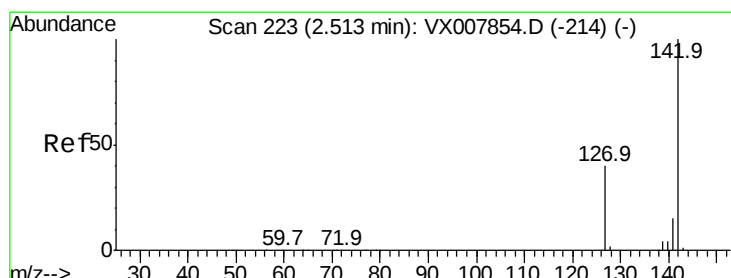
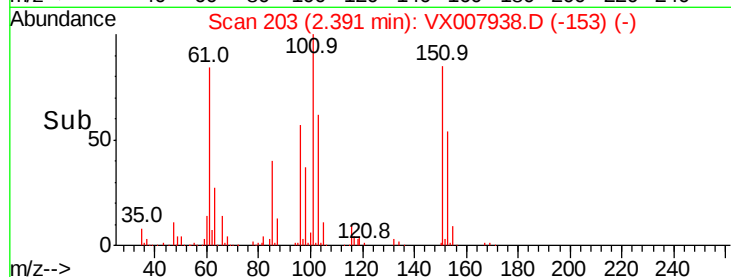
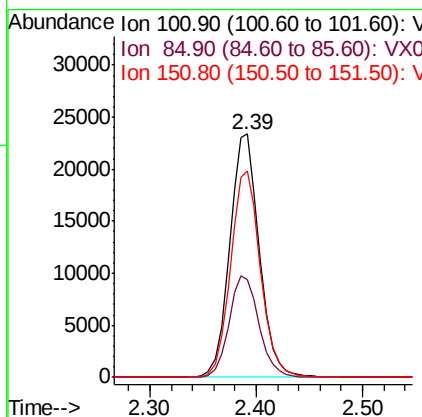
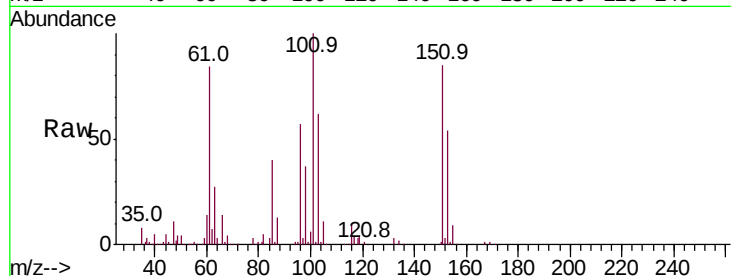
ClientSampleId :

VX0308WBSD02

Tot Ion:	101	Resp:	45403
Ion Ratio	Lower	Upper	
101	100		
85	42.2	33.8	50.6
151	85.7	69.1	103.7

Manual Integrations
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#10

Methyl Iodide

Concen: 20.579 ug/l

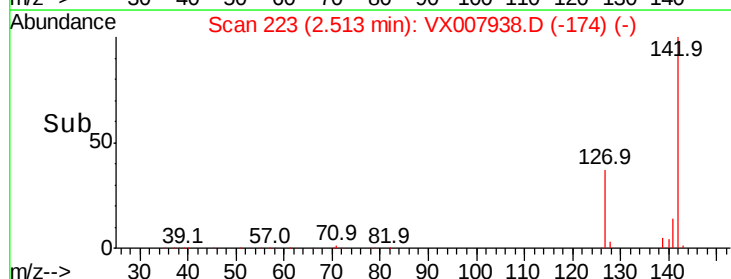
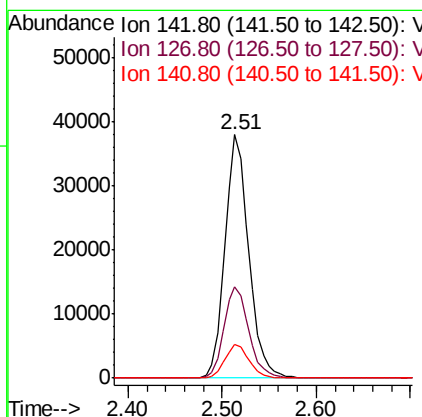
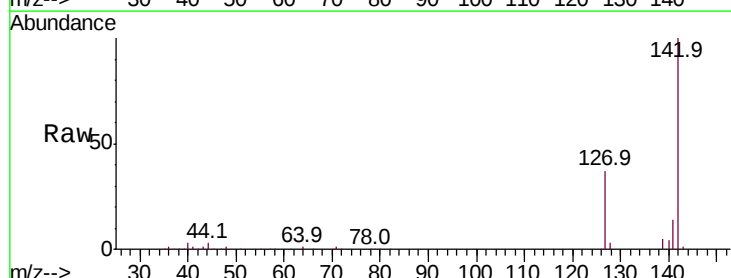
RT: 2.51 min Scan# 223

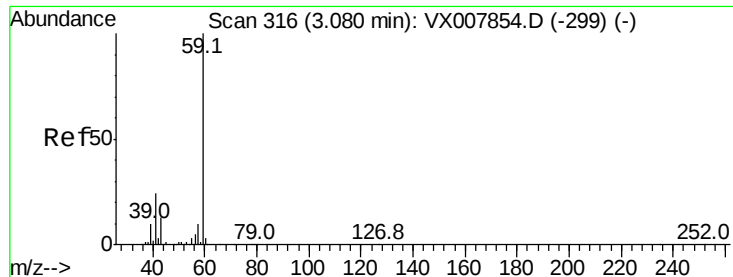
Delta R.T. 0.00 min

Lab File: VX007938.D

Acq: 08 Mar 2019 18:42

Tgt Ion:	142	Resp:	66620
Ion Ratio	Lower	Upper	
142	100		
127	39.0	32.1	48.1
141	14.1	11.4	17.2





#11

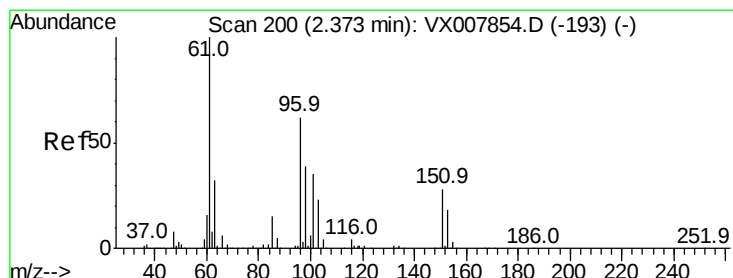
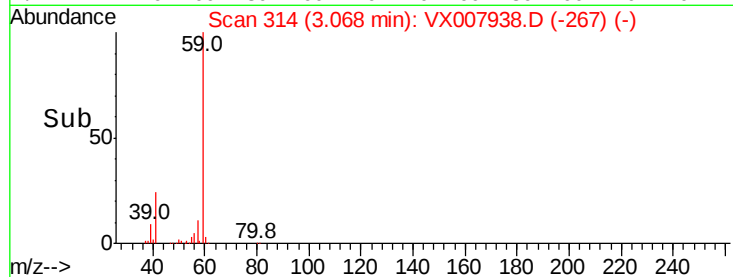
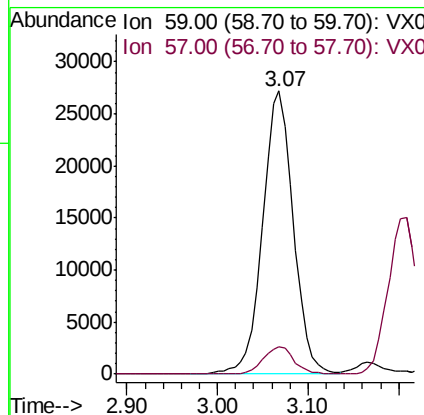
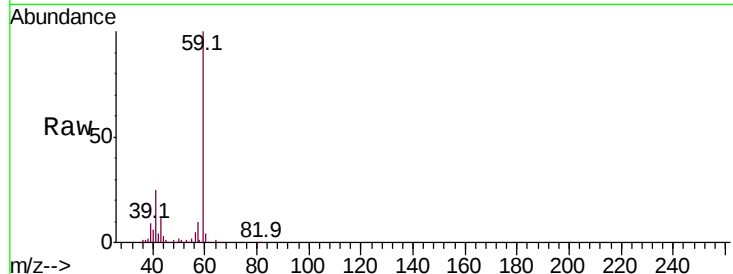
Tert butyl alcohol
 Concen: 104.416 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX007938.D
 Acq: 08 Mar 2019 18:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.2	12.2

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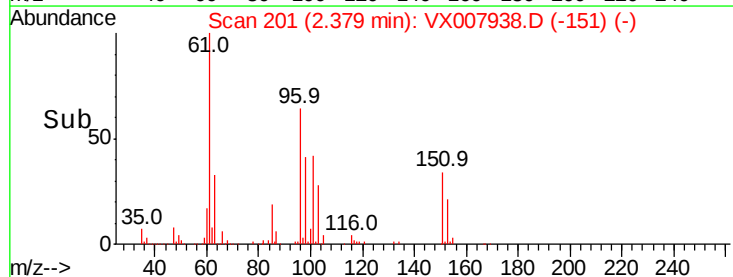
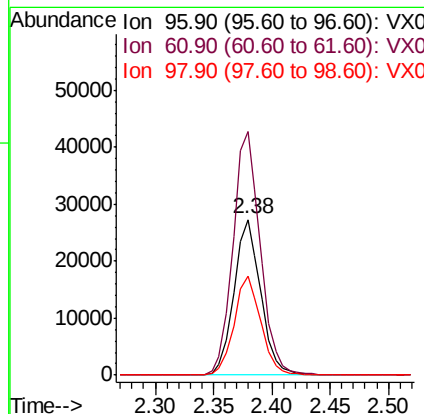
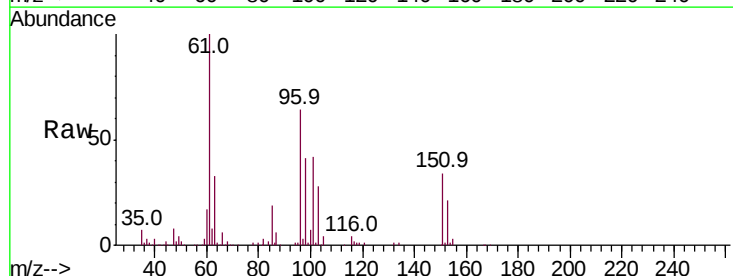
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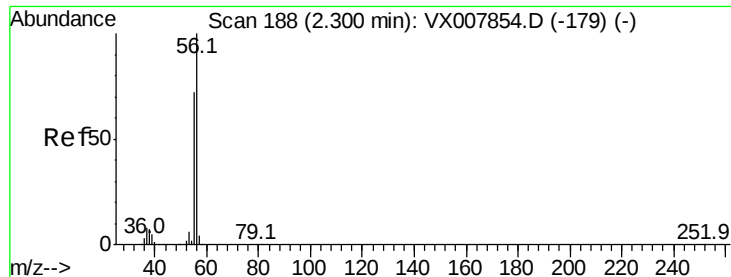


#12

1,1-Dichloroethene
 Concen: 19.881 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX007938.D
 Acq: 08 Mar 2019 18:42

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.3	129.8	194.6
98	63.7	51.0	76.6





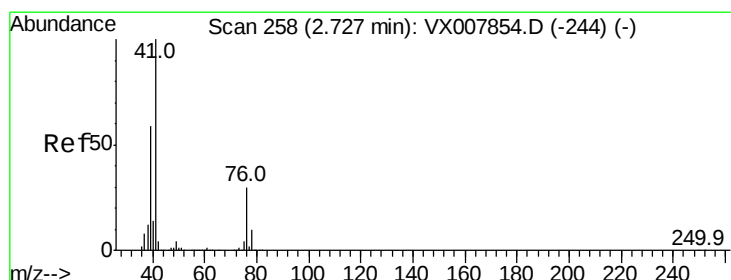
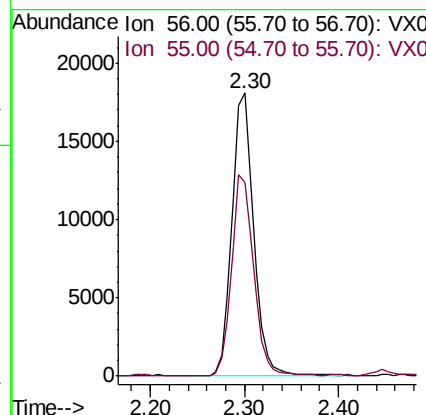
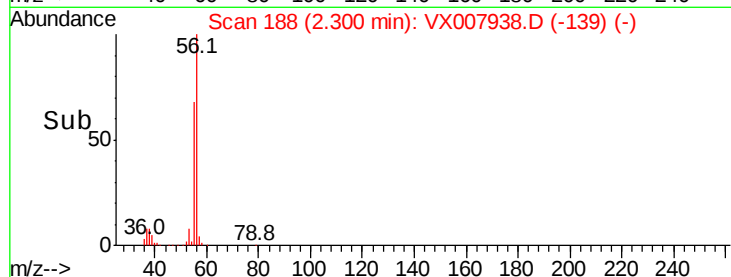
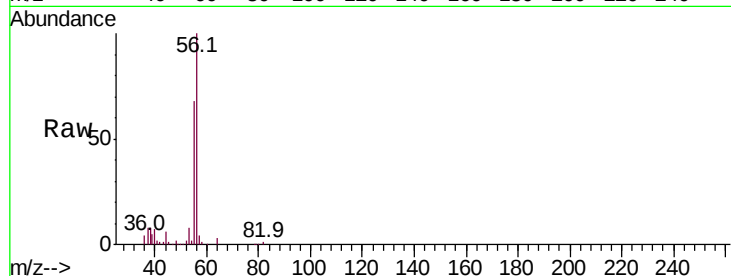
#13
Acrolein
Concen: 85.722 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.00 min
Lab File: VX007938.D
Acq: 08 Mar 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.2	57.8	86.6

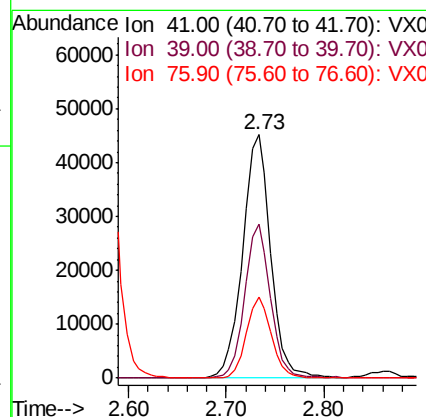
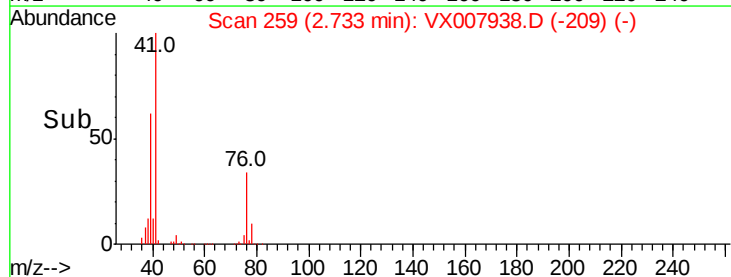
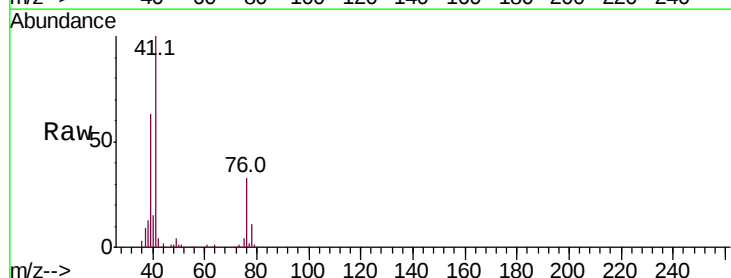
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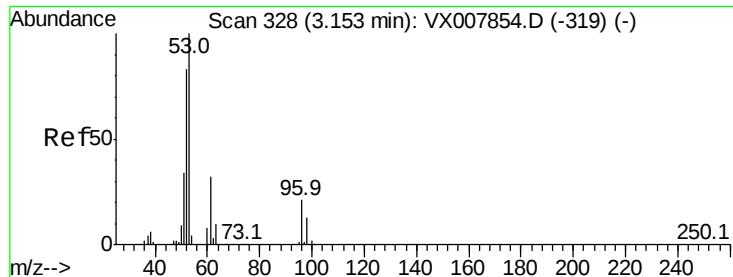
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#14
Allyl chloride
Concen: 19.358 ug/l
RT: 2.73 min Scan# 259
Delta R.T. 0.01 min
Lab File: VX007938.D
Acq: 08 Mar 2019 18:42

Tgt Ion	Ratio	Lower	Upper
41	100		
39	58.5	46.1	69.1
76	29.7	24.0	36.0





#15

Acrylonitrile

Concen: 100.108 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007938.D

Acq: 08 Mar 2019 18:42

Instrument :

MSVOA_X

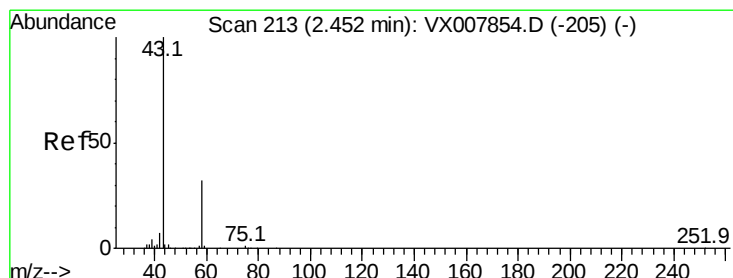
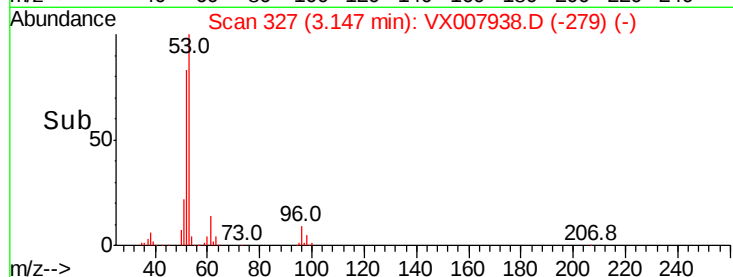
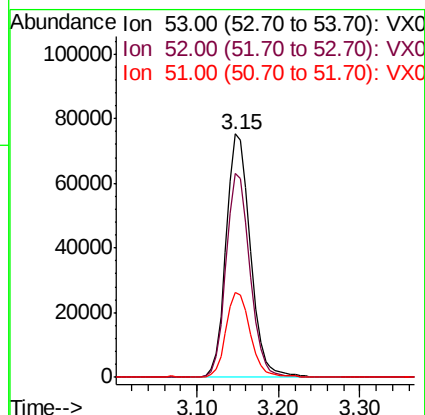
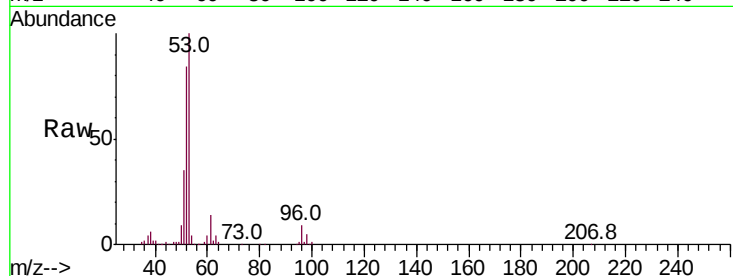
ClientSampleId :

VX0308WBSD02

Tot Ion:	53	Resp:	154110
Ion Ratio		Lower	Upper
53	100		
52	82.6	66.0	99.0
51	35.1	28.0	42.0

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#16

Acetone

Concen: 92.576 ug/l

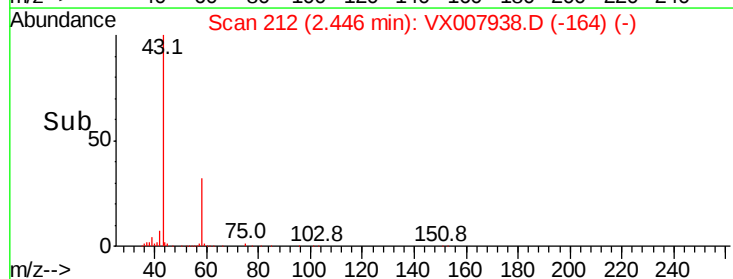
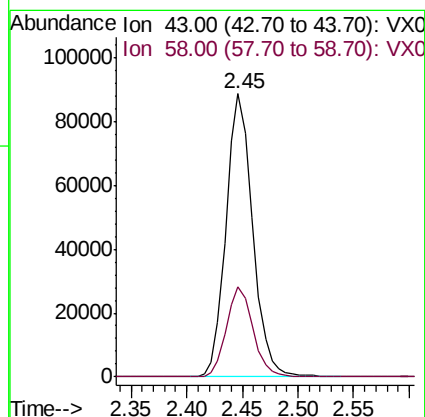
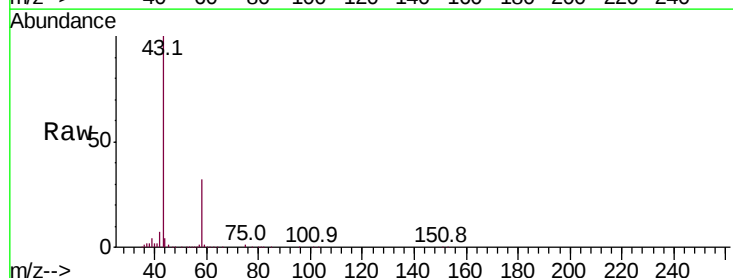
RT: 2.45 min Scan# 212

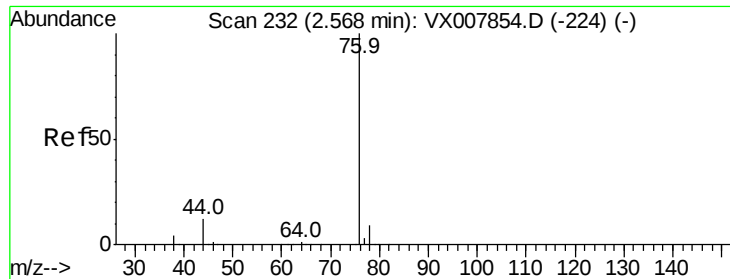
Delta R.T. -0.01 min

Lab File: VX007938.D

Acq: 08 Mar 2019 18:42

Tgt Ion:	43	Resp:	146134
Ion Ratio		Lower	Upper
43	100		
58	31.9	25.5	38.3





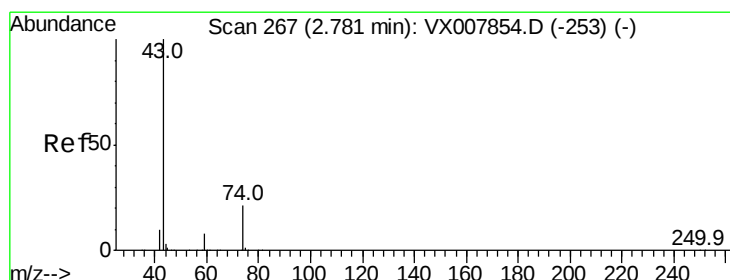
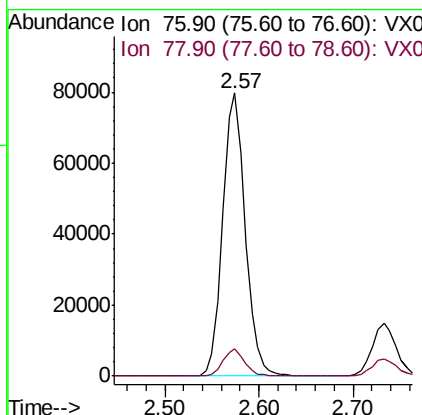
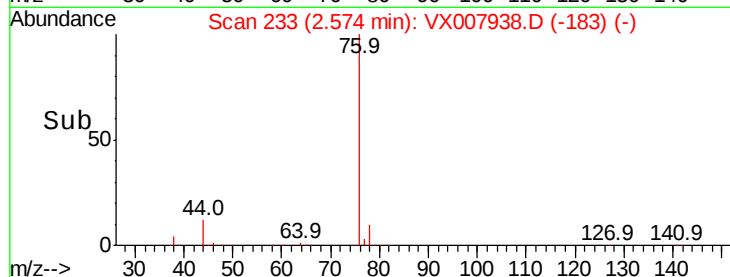
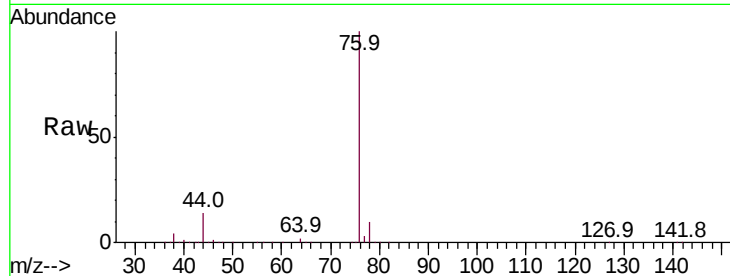
#17
Carbon Disulfide
Concen: 19.537 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX007938.D
Acq: 08 Mar 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD02

Tot Ion: 76 Resp: 132327
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8

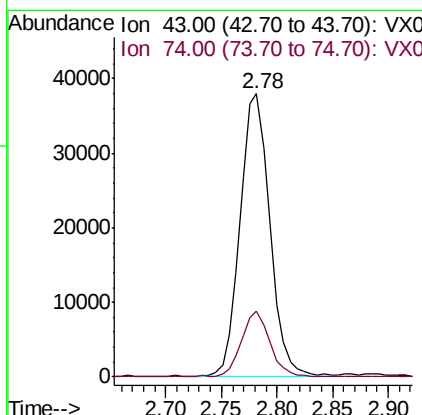
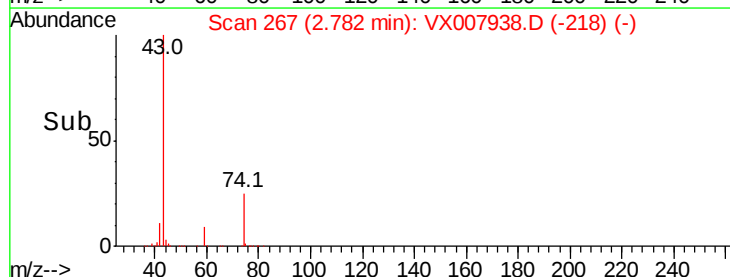
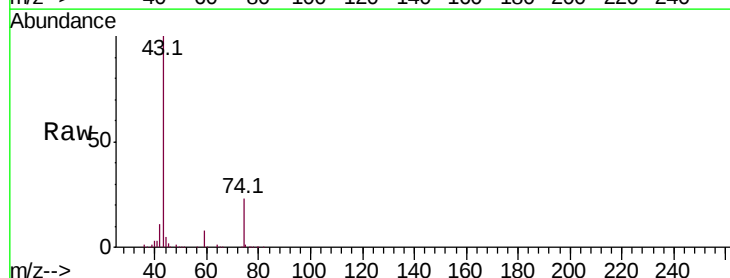
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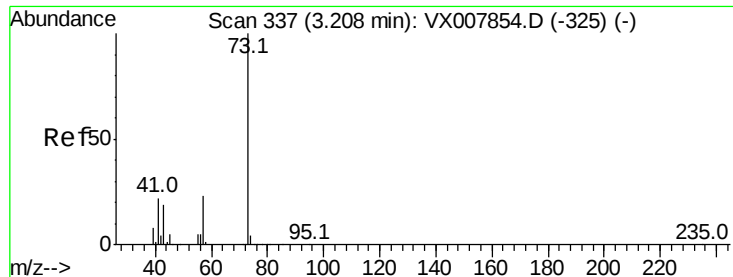
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#18
Methyl Acetate
Concen: 20.951 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007938.D
Acq: 08 Mar 2019 18:42

Tgt Ion: 43 Resp: 70261
Ion Ratio Lower Upper
43 100
74 22.7 17.8 26.6





#19

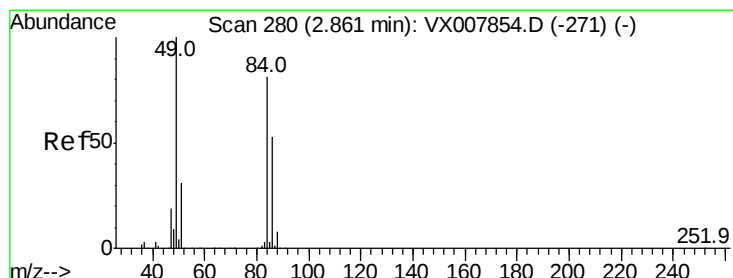
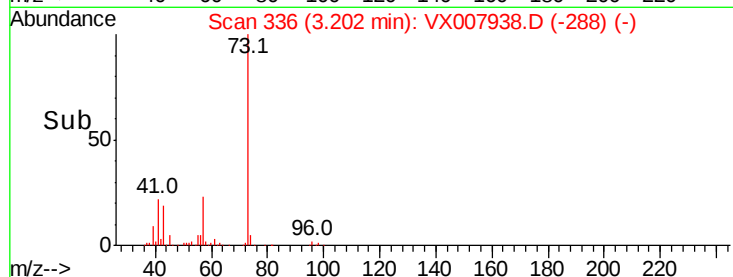
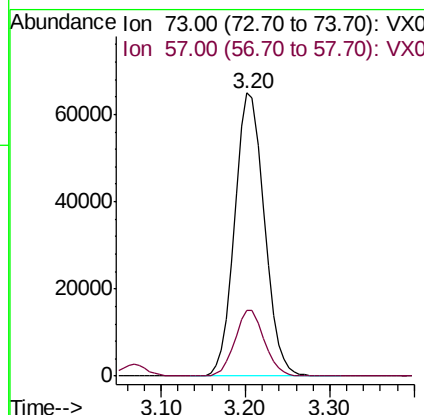
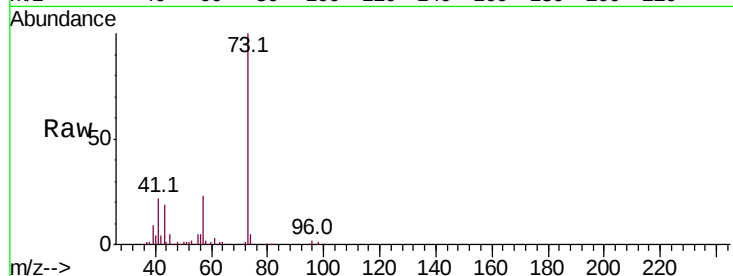
Methyl tert-butyl Ether
 Concen: 20.411 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.01 min
 Lab File: VX007938.D
 Acq: 08 Mar 2019 18:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD02

Tot Ion: 73 Resp: 154453
 Ion Ratio Lower Upper
 73 100
 57 23.0 18.2 27.4

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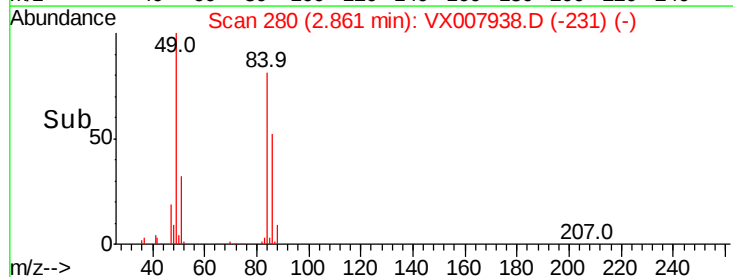
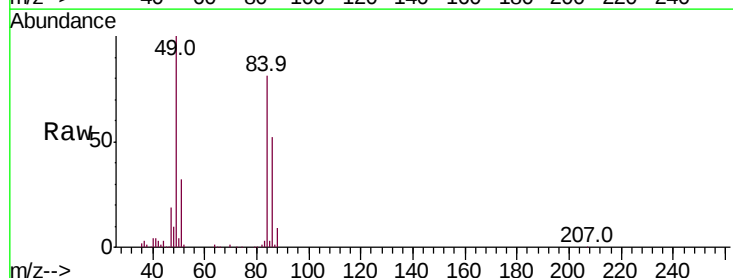
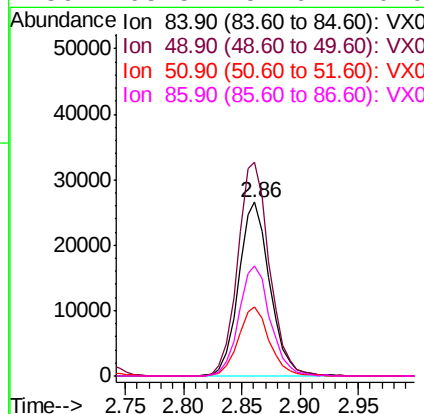
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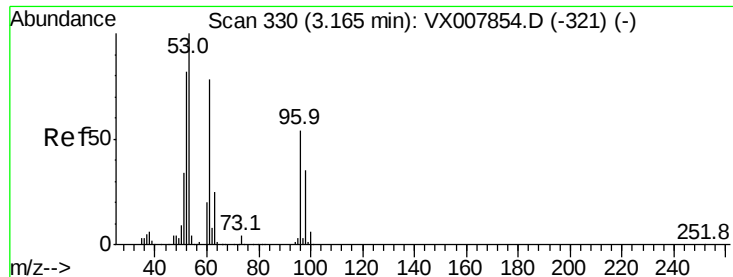


#20

Methylene Chloride
 Concen: 19.783 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX007938.D
 Acq: 08 Mar 2019 18:42

Tgt Ion: 84 Resp: 49701
 Ion Ratio Lower Upper
 84 100
 49 122.9 99.3 148.9
 51 39.5 31.3 46.9
 86 63.5 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 19.456 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007938.D

Acq: 08 Mar 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD02

Tot Ion: 96 Resp: 47089

Ion Ratio Lower Upper

96 100

61 140.7 114.4 171.6

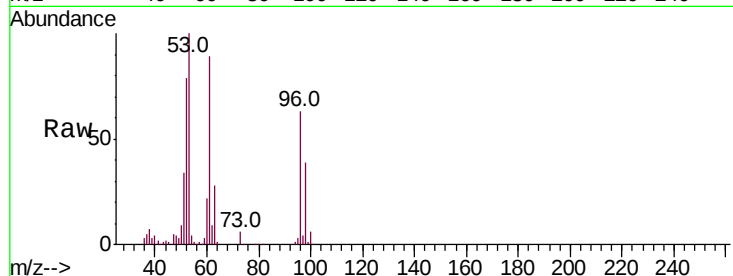
98 62.7 51.1 76.7

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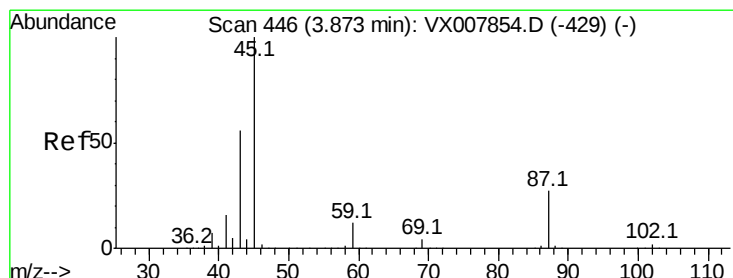
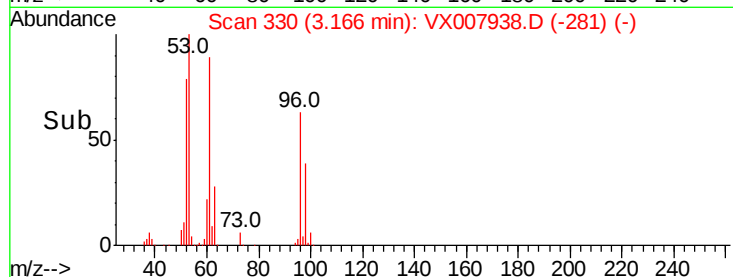
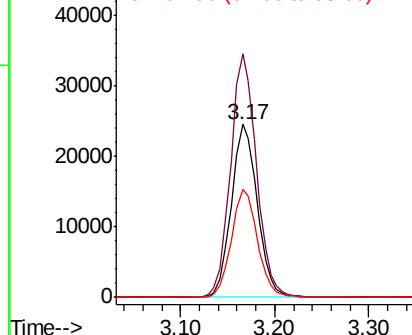
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Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.946 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX007938.D

Acq: 08 Mar 2019 18:42

Tgt Ion: 45 Resp: 168992

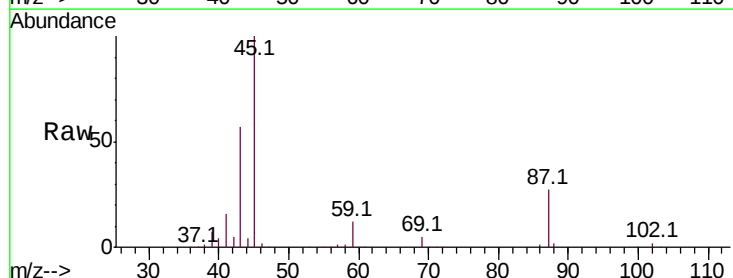
Ion Ratio Lower Upper

45 100

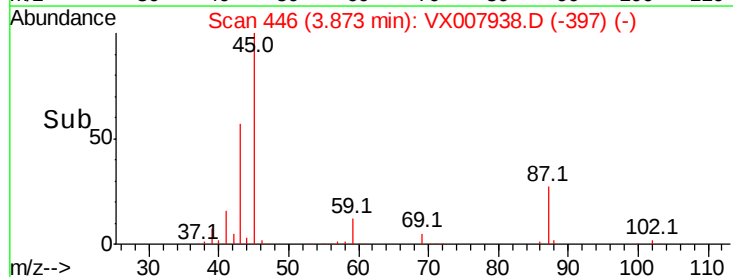
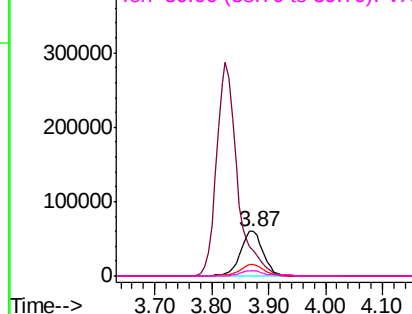
43 57.1 45.3 67.9

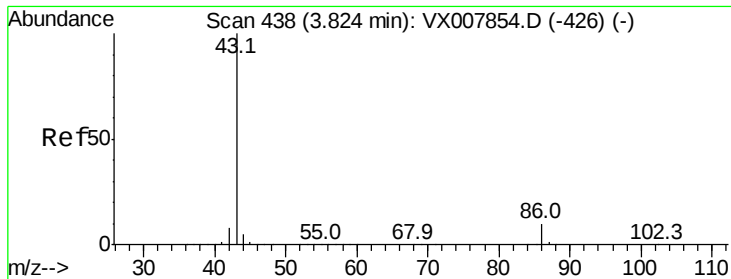
87 26.8 21.4 32.0

59 11.8 9.5 14.3



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 98.305 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007938.D

Acq: 08 Mar 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD02

Tot Ion: 43 Resp: 730393

Ion Ratio Lower Upper

43 100

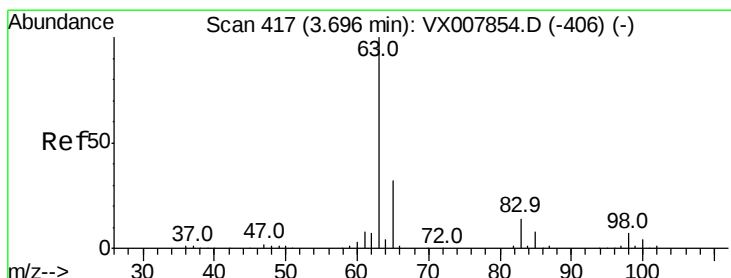
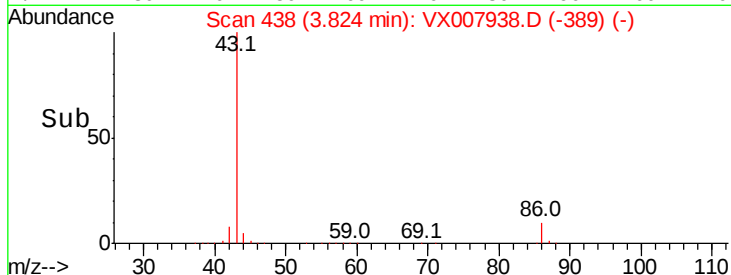
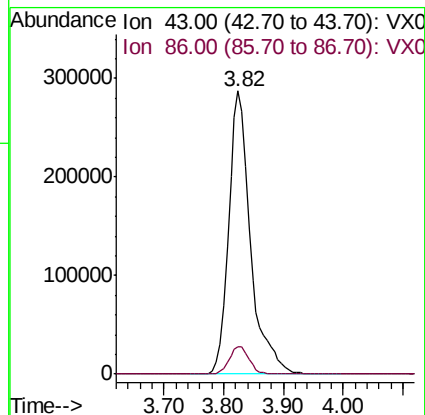
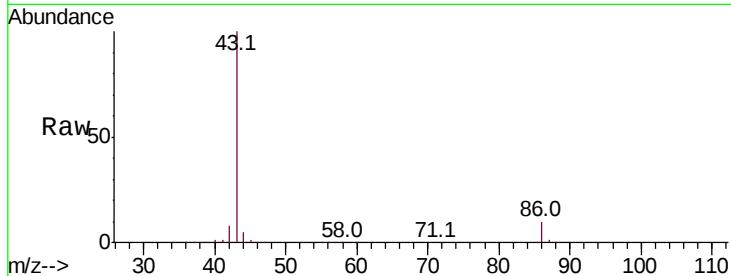
86 9.9 7.9 11.9

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#24

1,1-Dichloroethane

Concen: 19.935 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007938.D

Acq: 08 Mar 2019 18:42

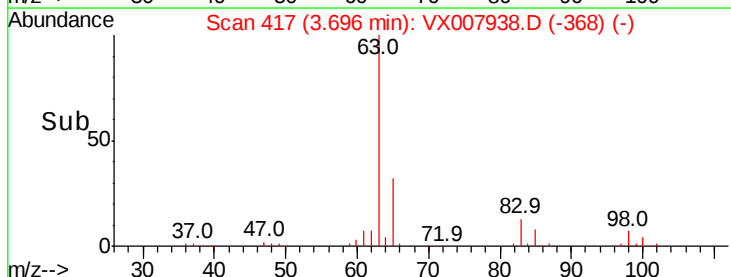
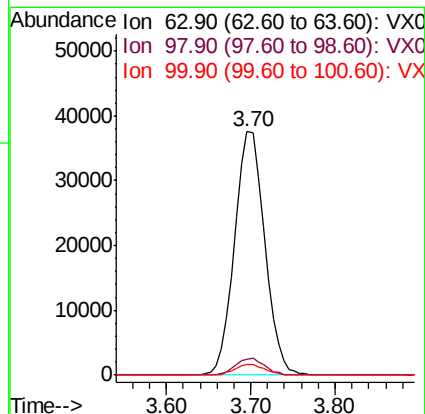
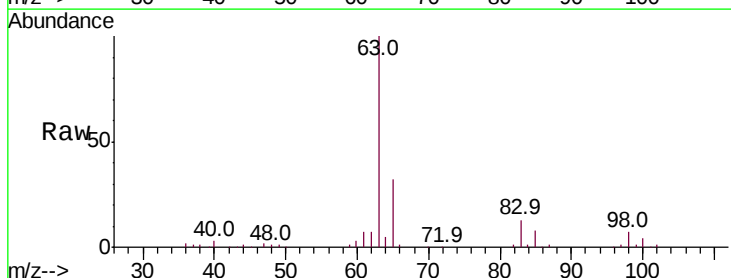
Tgt Ion: 63 Resp: 90894

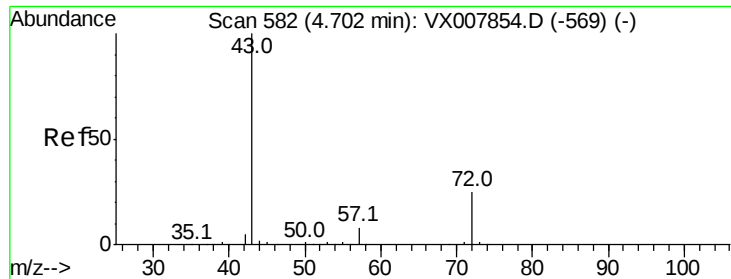
Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

100 4.3 2.3 6.8





#25

2-Butanone

Concen: 98.208 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007938.D

Acq: 08 Mar 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD02

Tot Ion: 43 Resp: 219475

Ion Ratio Lower Upper

43 100

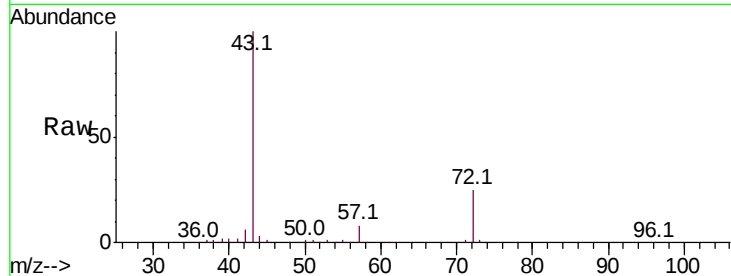
72 25.0 19.9 29.9

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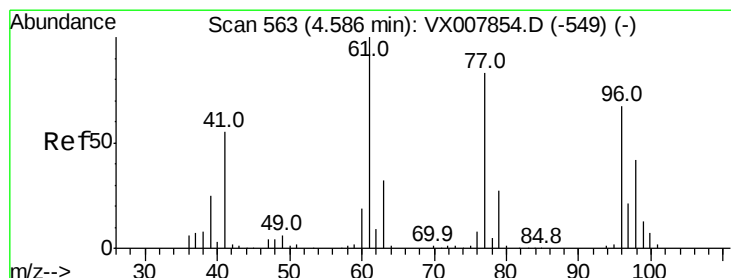
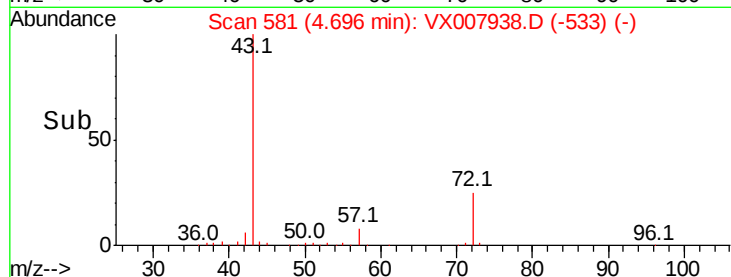
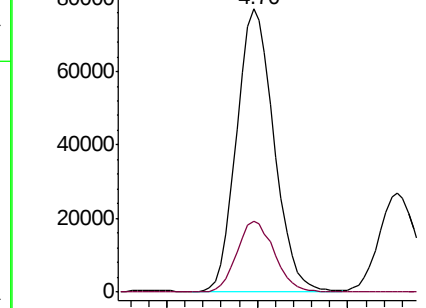
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.109 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.01 min

Lab File: VX007938.D

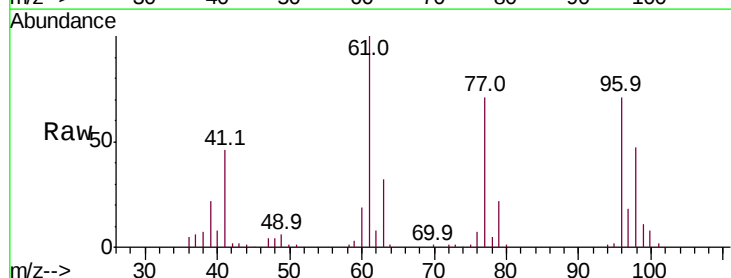
Acq: 08 Mar 2019 18:42

Tgt Ion: 77 Resp: 57722

Ion Ratio Lower Upper

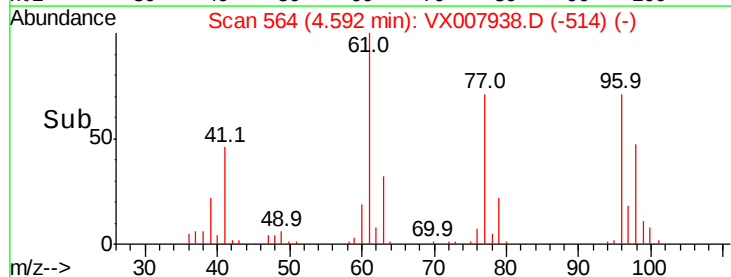
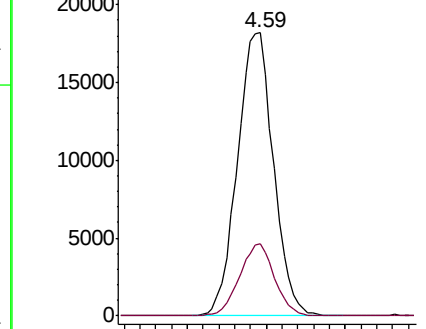
77 100

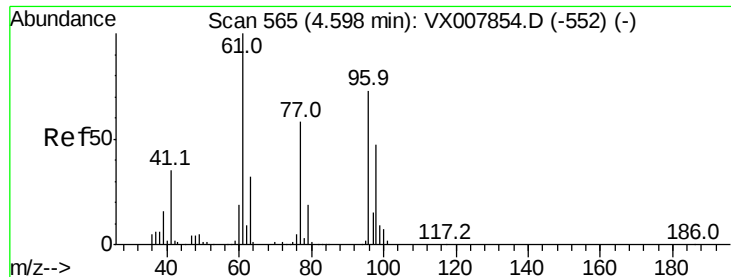
97 24.7 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

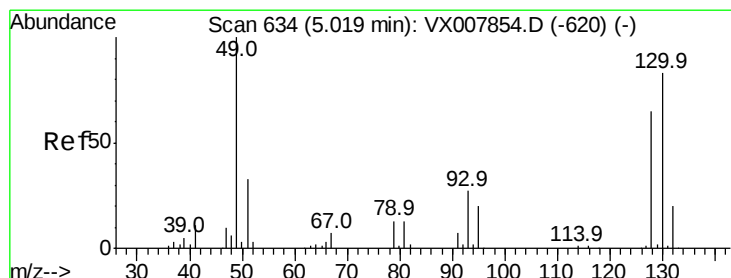
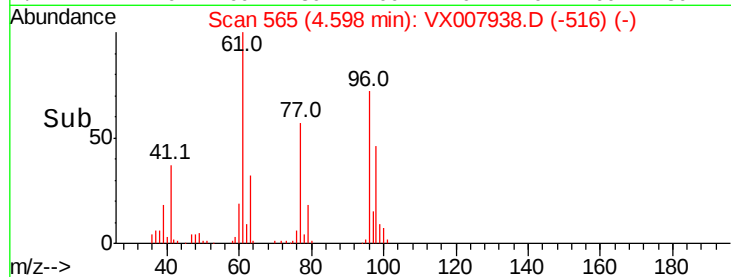
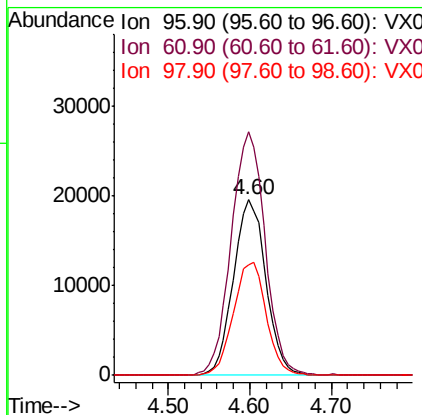
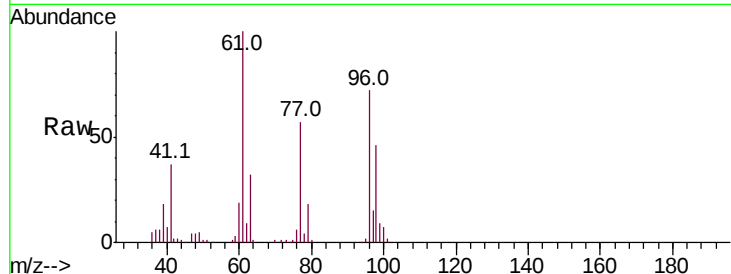
cis-1,2-Dichloroethene
Concen: 19.556 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007938.D
Acq: 08 Mar 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	54160		
61	144.6	0.0	288.0	
98	65.0	0.0	129.0	

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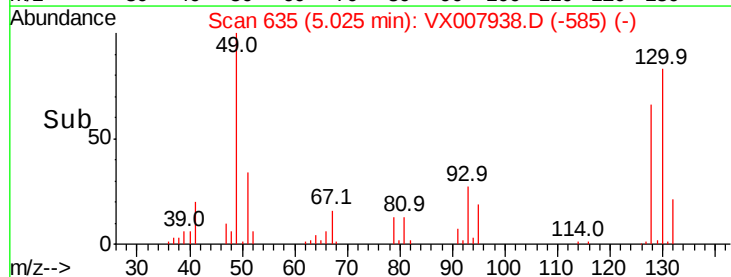
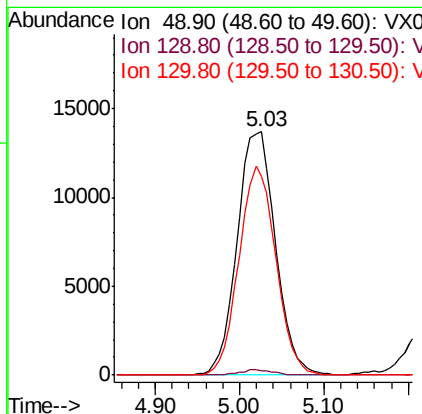
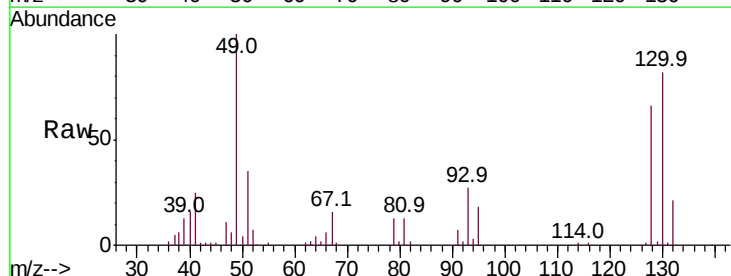
MMDadoda
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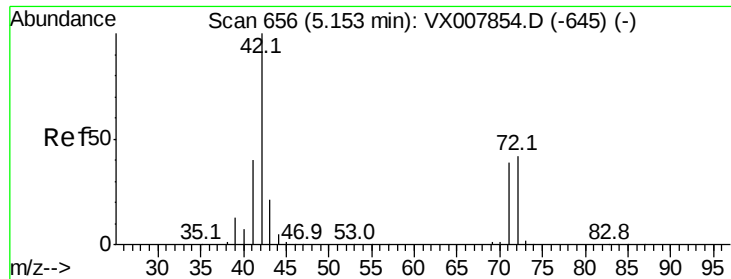


#28

Bromochloromethane
Concen: 19.883 ug/l
RT: 5.03 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX007938.D
Acq: 08 Mar 2019 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	42265		
129	1.9	0.0	4.0	
130	82.5	65.0	97.4	





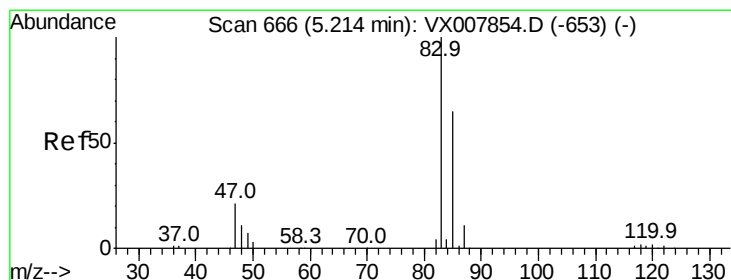
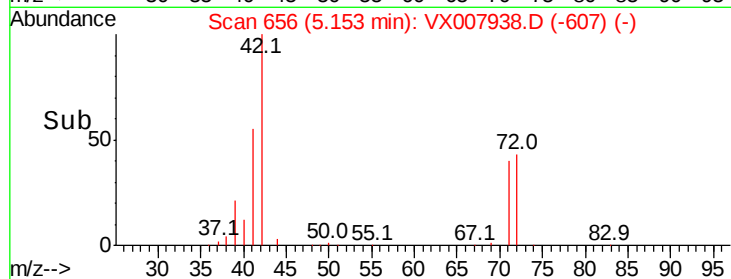
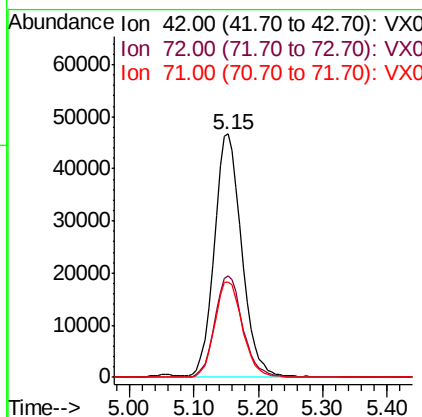
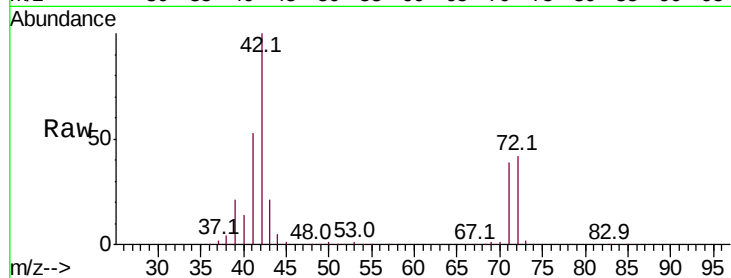
#29
Tetrahydrofuran
Concen: 100.265 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX007938.D
Acq: 08 Mar 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.4	33.8	50.6
71	39.7	31.5	47.3

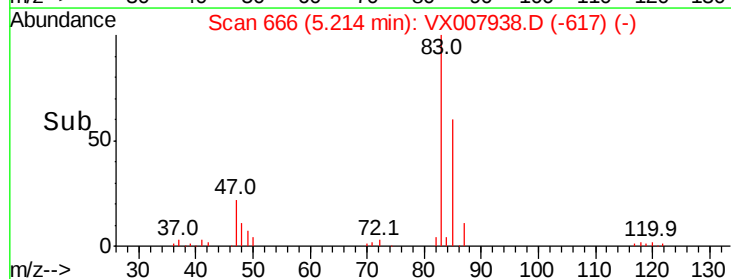
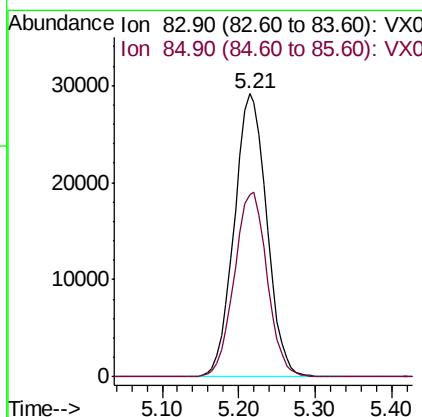
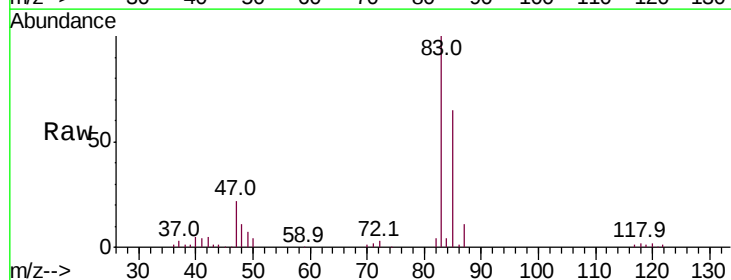
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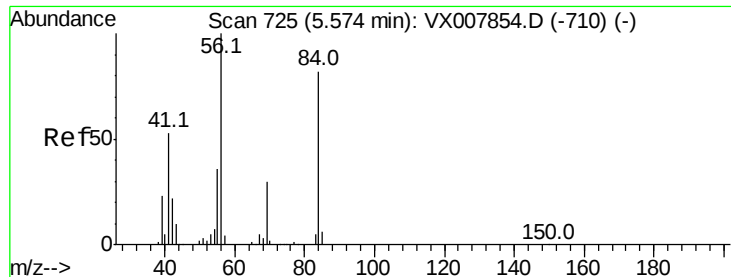
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#30
Chloroform
Concen: 19.946 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007938.D
Acq: 08 Mar 2019 18:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.8	77.6





#31

Cyclohexane

Concen: 19.885 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX007938.D

Acq: 08 Mar 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD02

Tot Ion: 56 Resp: 83329

Ion Ratio Lower Upper

56 100

69 28.5 24.0 36.0

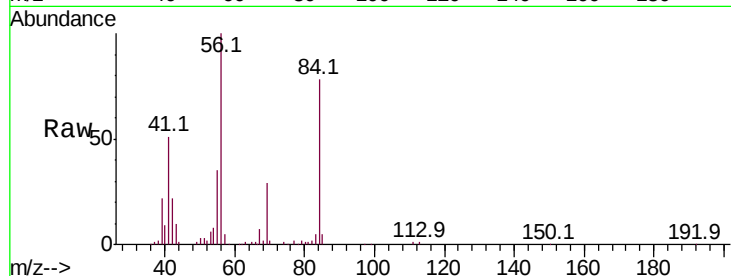
84 77.1 65.3 97.9

Manual Integrations

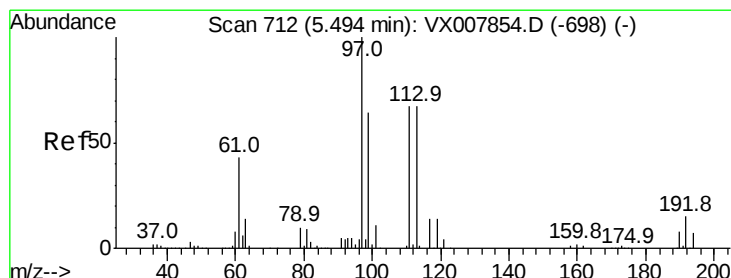
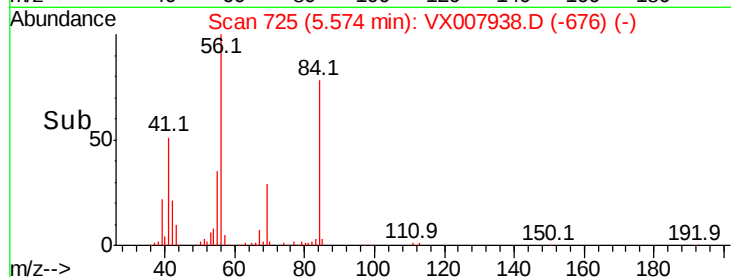
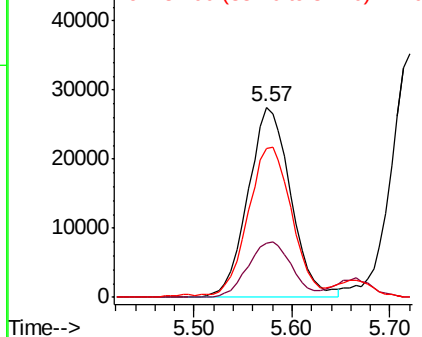
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Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.776 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX007938.D

Acq: 08 Mar 2019 18:42

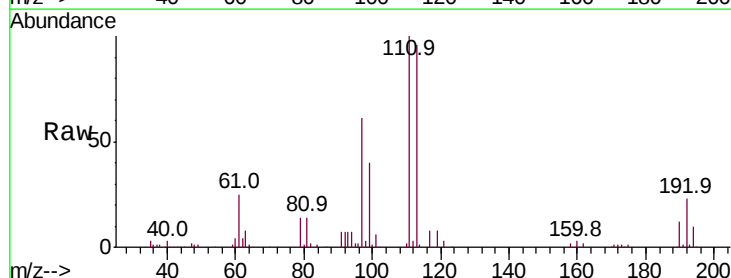
Tgt Ion: 97 Resp: 70769

Ion Ratio Lower Upper

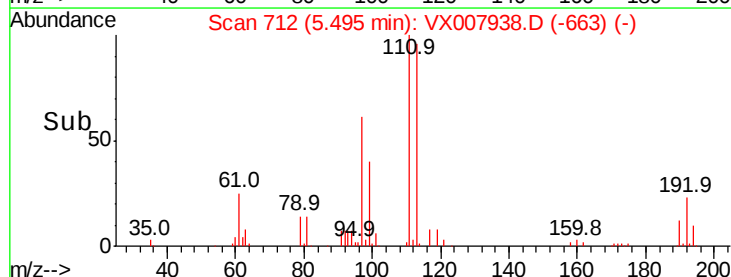
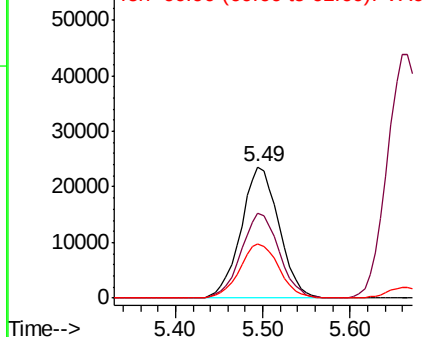
97 100

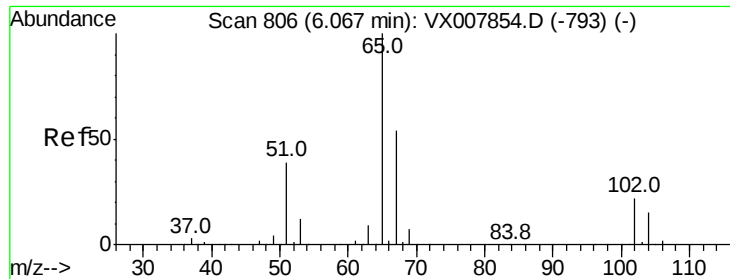
99 64.7 52.2 78.2

61 42.8 34.9 52.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





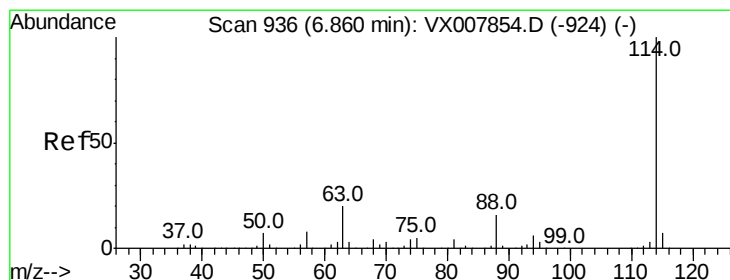
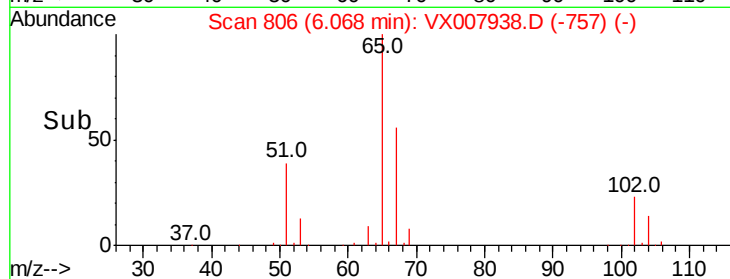
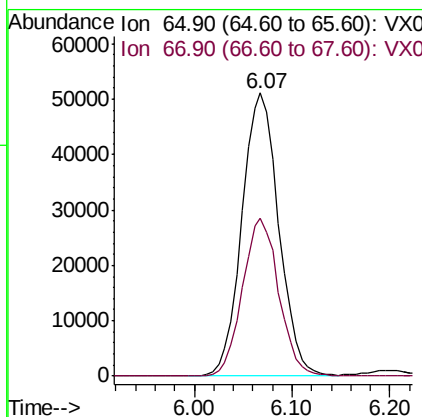
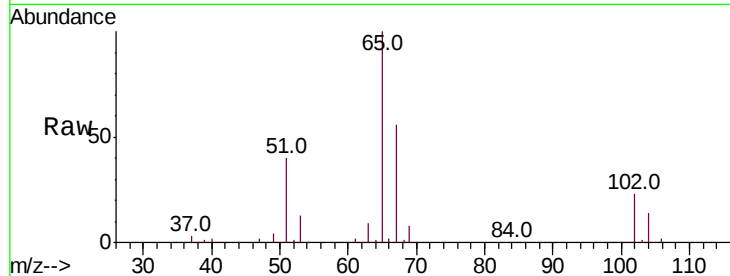
#33
 1,2-Dichloroethane-d4
 Concen: 48.901 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007938.D
 Acq: 08 Mar 2019 18:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	133364		
67	54.9	0.0	110.0	

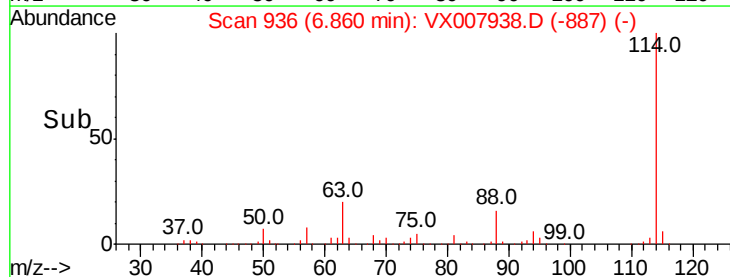
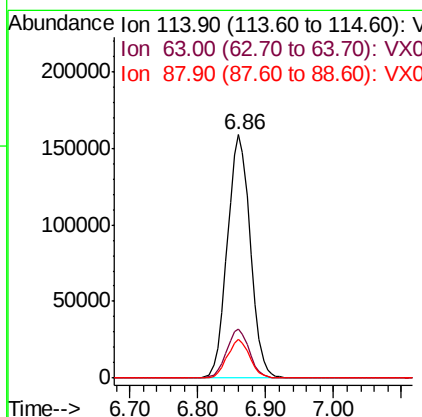
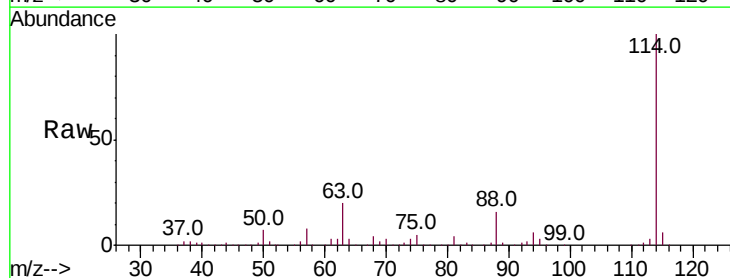
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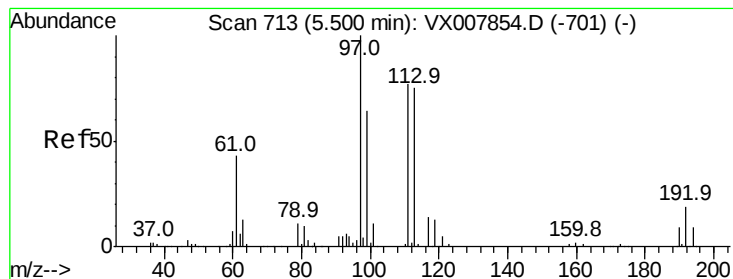
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007938.D
 Acq: 08 Mar 2019 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	372241		
63	20.0	0.0	39.8	
88	15.9	0.0	31.4	





#35

Dibromofluoromethane

Concen: 49.463 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007938.D

Acq: 08 Mar 2019 18:42

Instrument :

MSVOA_X

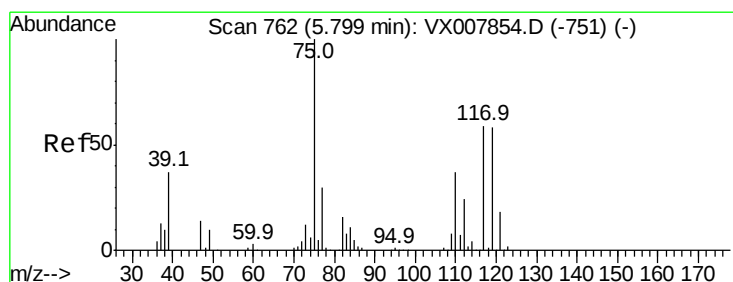
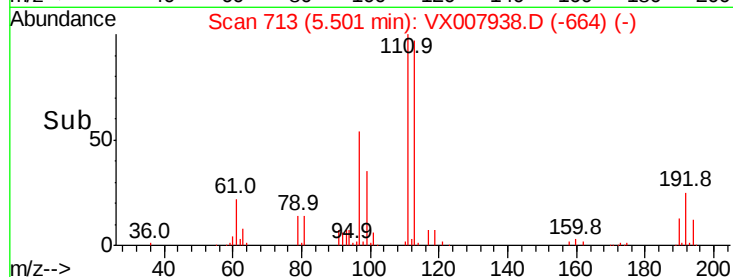
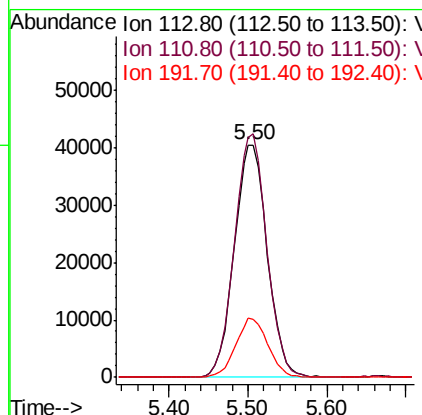
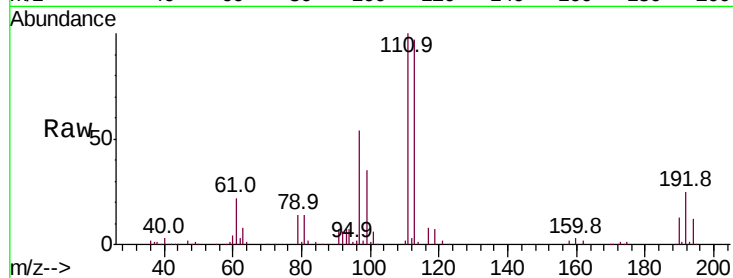
ClientSampleId :

VX0308WBSD02

Tot Ion:	113	Resp:	117776
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.4	122.0
192	24.6	19.4	29.0

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#36

1,1-Dichloropropene

Concen: 19.234 ug/l

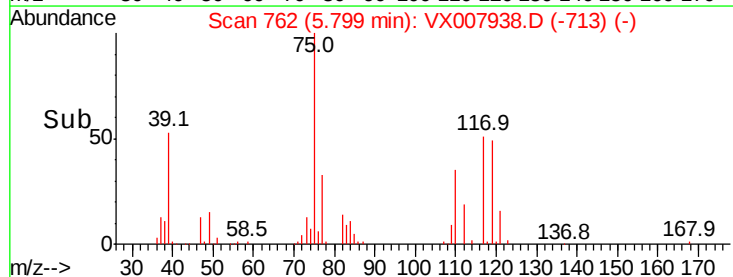
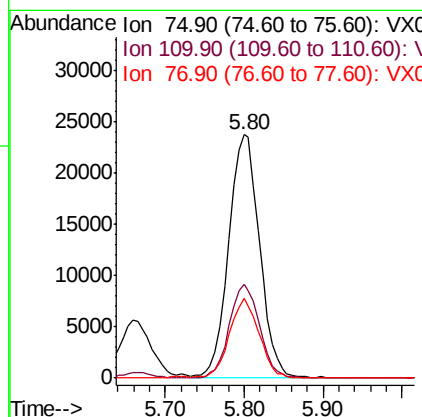
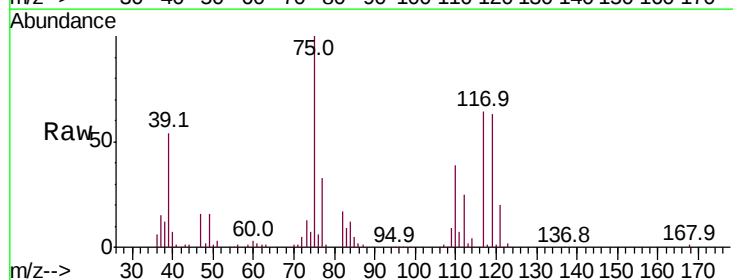
RT: 5.80 min Scan# 762

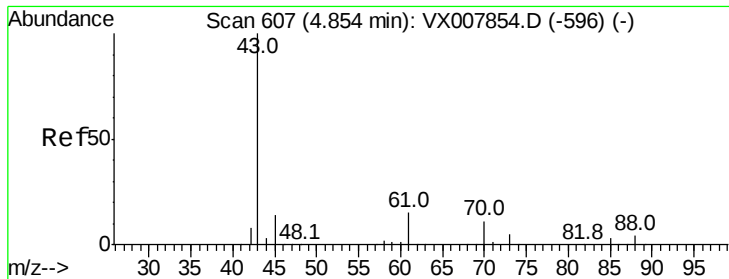
Delta R.T. 0.00 min

Lab File: VX007938.D

Acq: 08 Mar 2019 18:42

Tgt Ion:	75	Resp:	64829
Ion	Ratio	Lower	Upper
75	100		
110	37.7	18.4	55.0
77	31.4	25.0	37.4





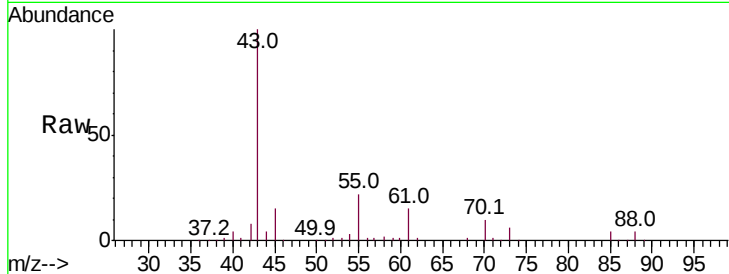
#37
Ethyl Acetate
Concen: 19.578 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007938.D
Acq: 08 Mar 2019 18:42

Instrument :
MSVOA_X
ClientSampleID :
VX0308WBSD02

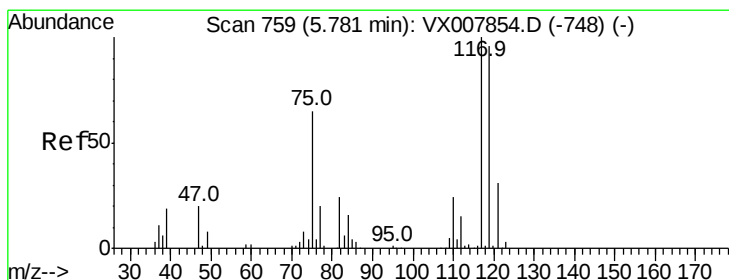
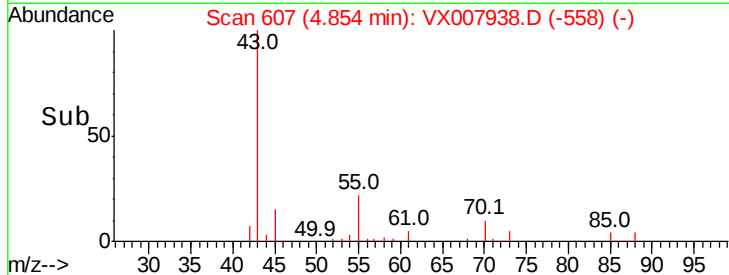
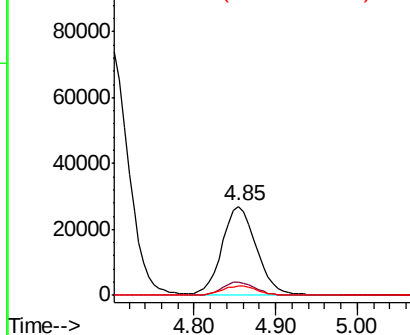
Tot Ion:	43	Resp:	78308
Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.3	16.9
70	10.7	8.5	12.7

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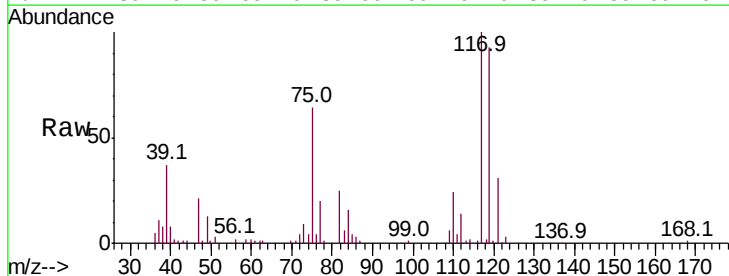


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

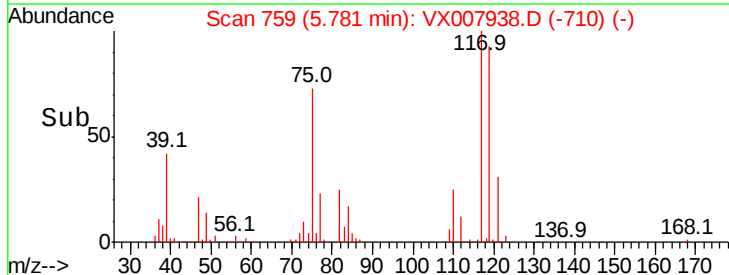
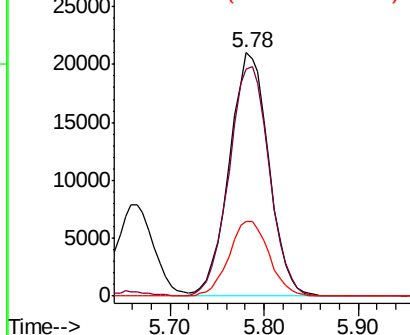


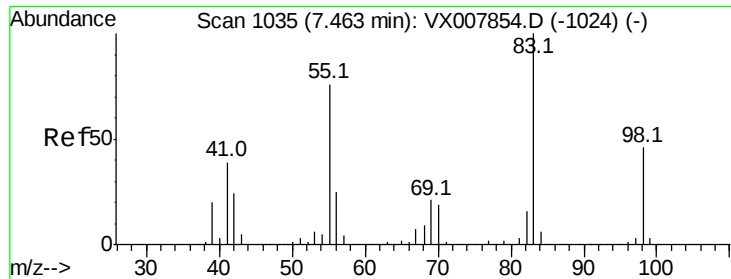
#38
Carbon Tetrachloride
Concen: 19.195 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007938.D
Acq: 08 Mar 2019 18:42

Tgt Ion:	117	Resp:	61423
Ion	Ratio	Lower	Upper
117	100		
119	93.4	76.2	114.2
121	30.9	24.6	36.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





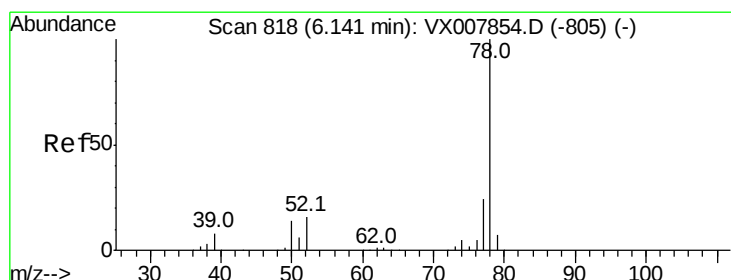
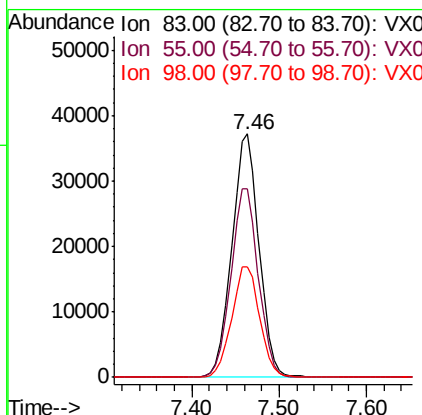
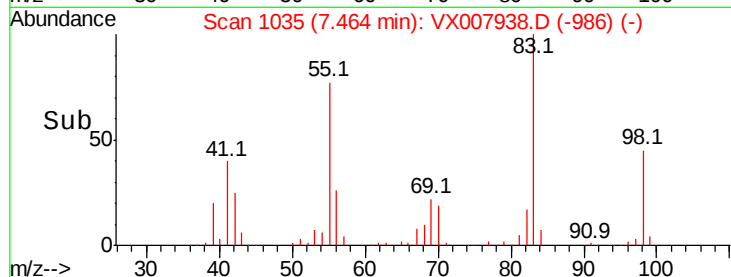
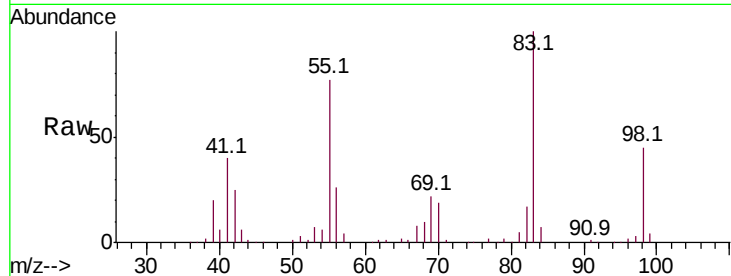
#39
Methylvlcvclohexane
Concen: 19.593 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007938.D
Acq: 08 Mar 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.4	60.4	90.6
98	45.4	36.5	54.7

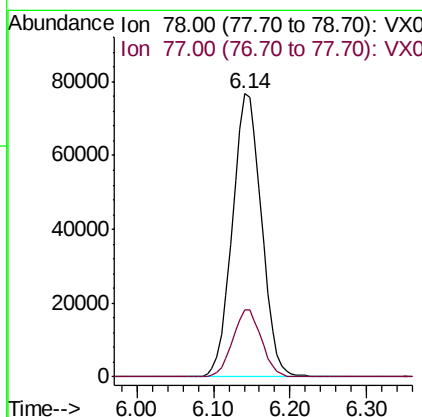
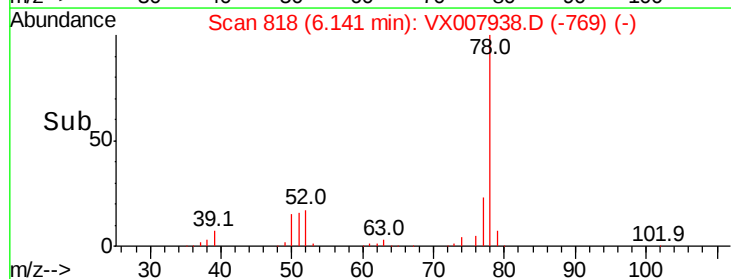
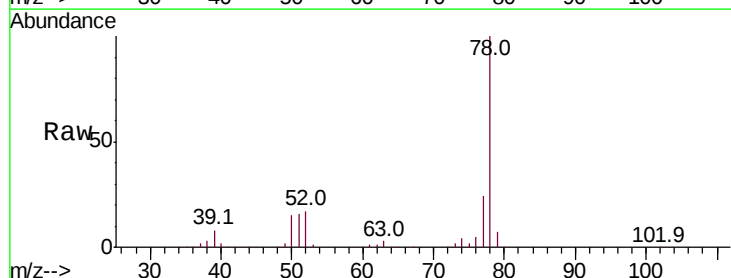
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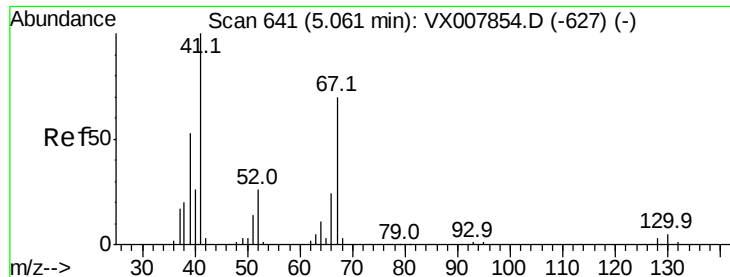
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#40
Benzene
Concen: 20.172 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007938.D
Acq: 08 Mar 2019 18:42

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.4





#41

Methacrylonitrile

Concen: 20.549 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX007938.D

Acq: 08 Mar 2019 18:42

Instrument :

MSVOA_X

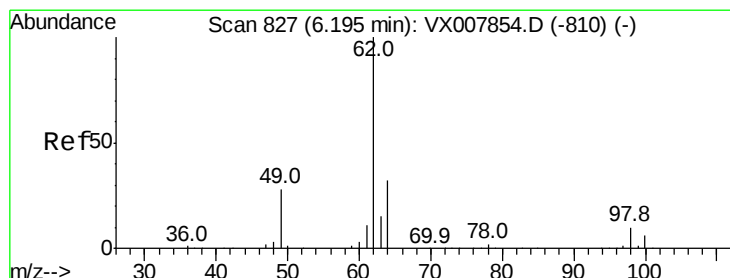
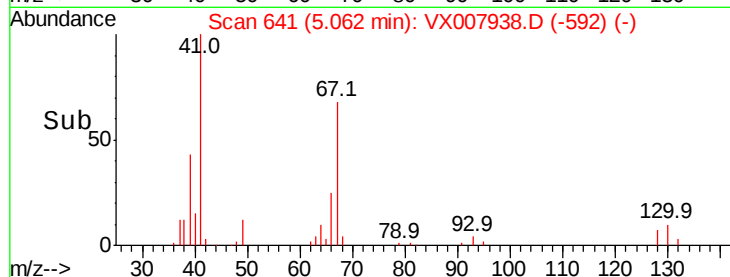
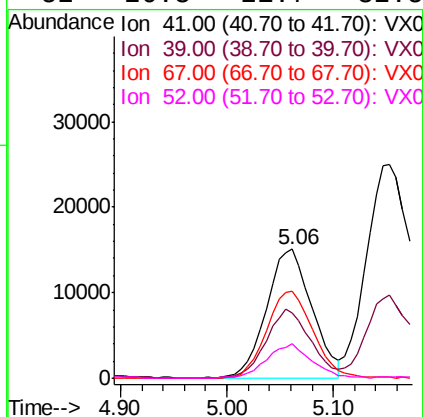
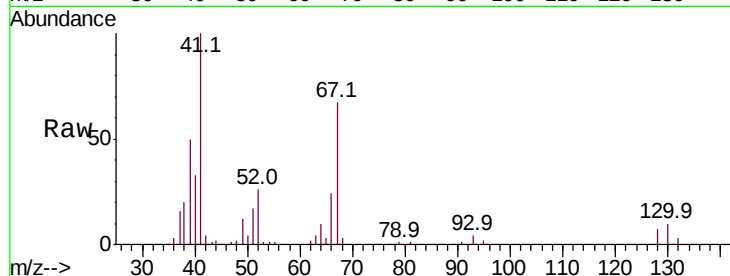
ClientSampleId :

VX0308WBSD02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.8	41.6	62.4	
67	69.0	55.8	83.6	
52	26.3	21.7	32.5	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 20.220 ug/l

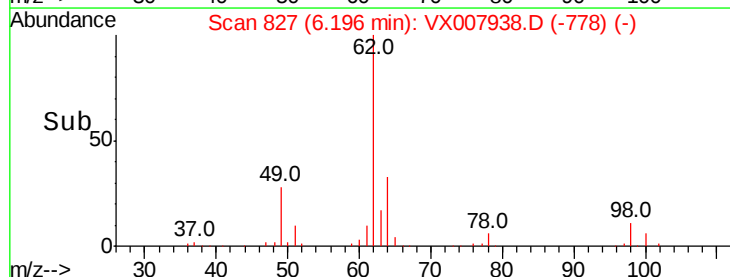
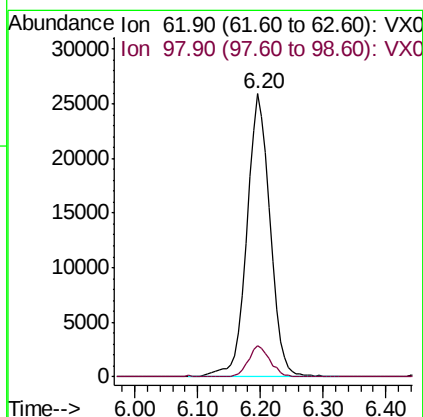
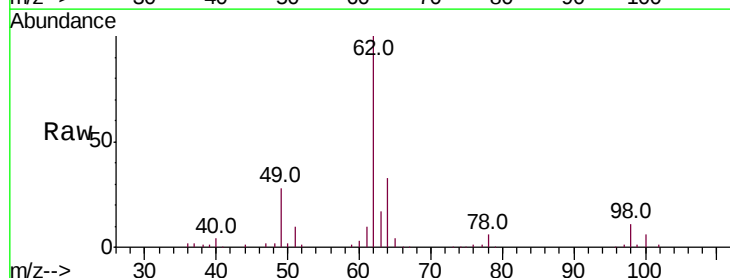
RT: 6.20 min Scan# 827

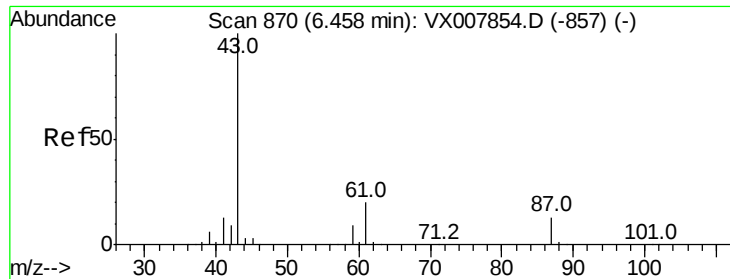
Delta R.T. 0.00 min

Lab File: VX007938.D

Acq: 08 Mar 2019 18:42

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	0.0	20.4	





#43

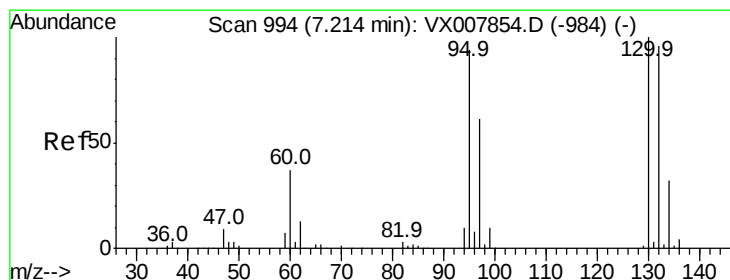
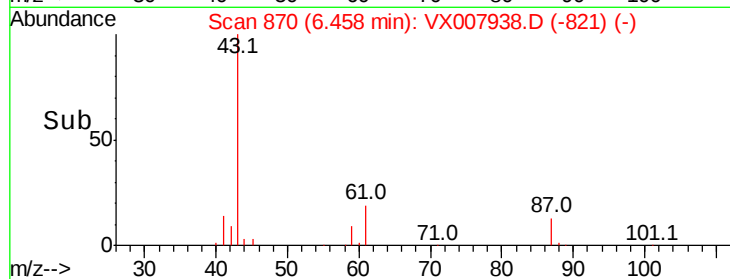
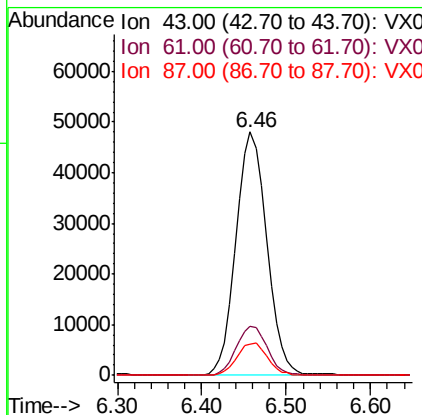
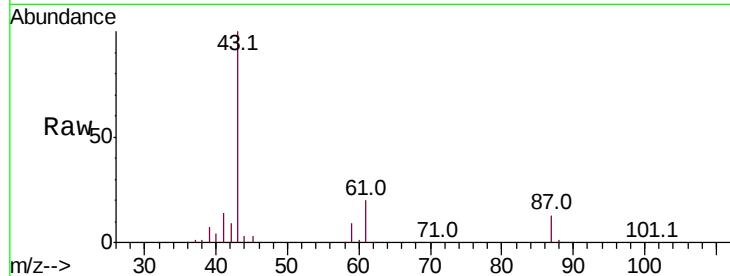
Isopropyl Acetate
 Concen: 20.067 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX007938.D
 Acq: 08 Mar 2019 18:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.3	24.5
87	13.3	10.5	15.7

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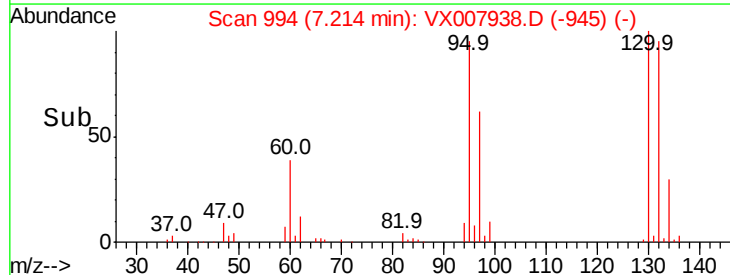
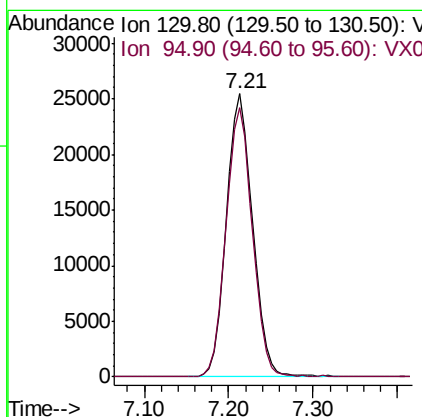
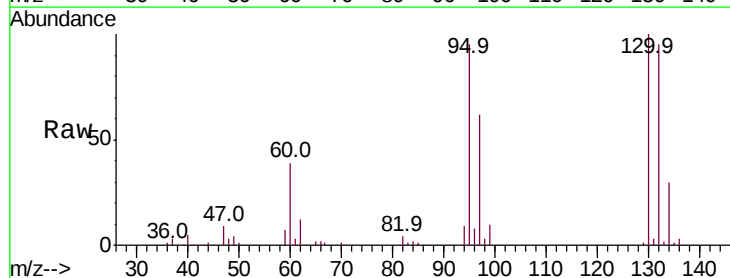
MMDadoda
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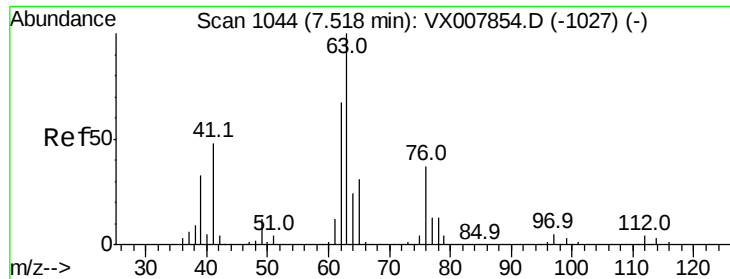


#44

Trichloroethene
 Concen: 19.553 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX007938.D
 Acq: 08 Mar 2019 18:42

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.1	0.0	188.0





#45

1,2-Dichloropropane

Concen: 20.341 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX007938.D

Acq: 08 Mar 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD02

Tot Ion: 63 Resp: 53909

Ion Ratio Lower Upper

63 100

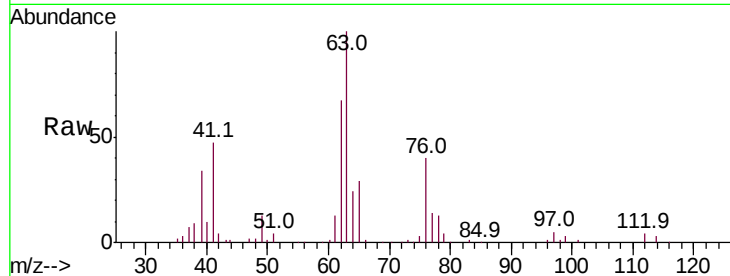
65 29.3 24.7 37.1

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

25000

20000

15000

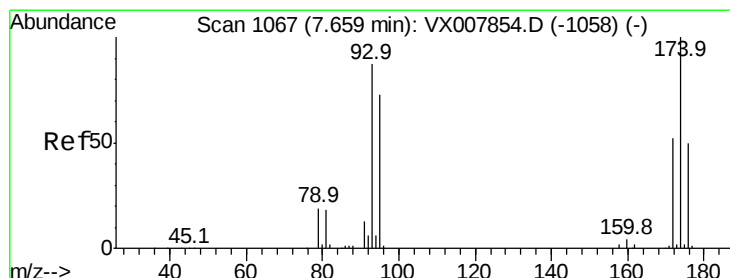
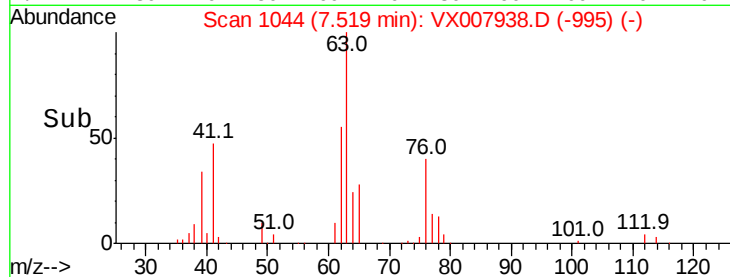
10000

5000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 19.795 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX007938.D

Acq: 08 Mar 2019 18:42

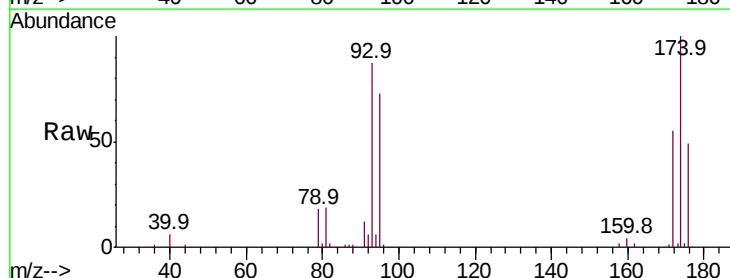
Tgt Ion: 93 Resp: 33201

Ion Ratio Lower Upper

93 100

95 84.8 66.8 100.2

174 123.2 97.3 145.9



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

25000

20000

15000

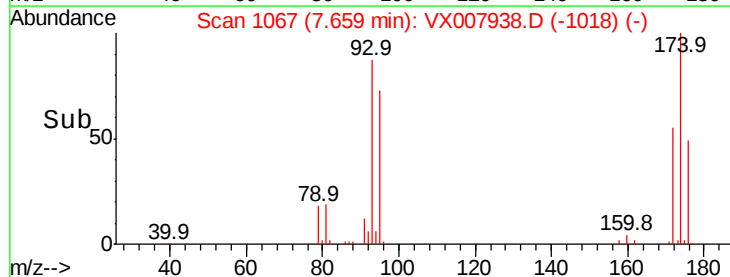
10000

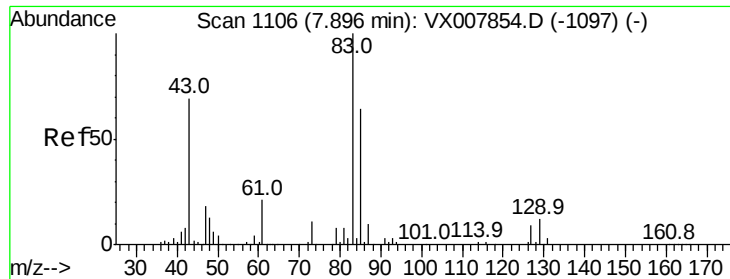
5000

0

Time-->

7.55 7.60 7.65 7.70 7.75





#47

Bromodichloromethane

Concen: 19.674 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007938.D

Acq: 08 Mar 2019 18:42

Instrument :

MSVOA_X

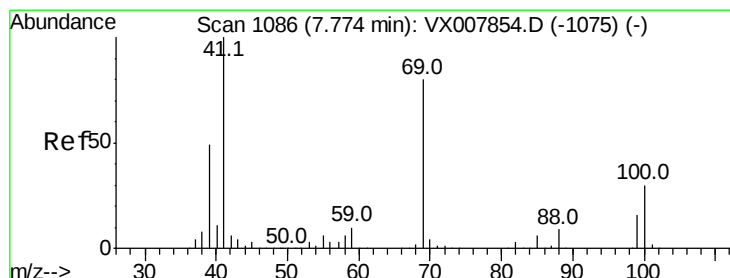
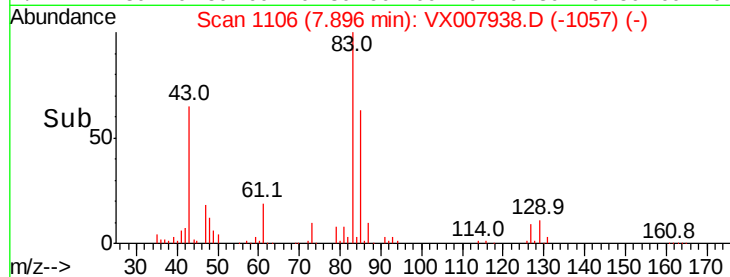
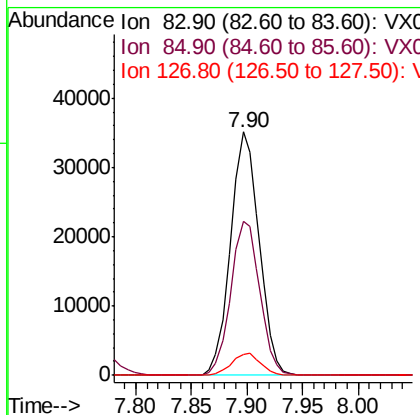
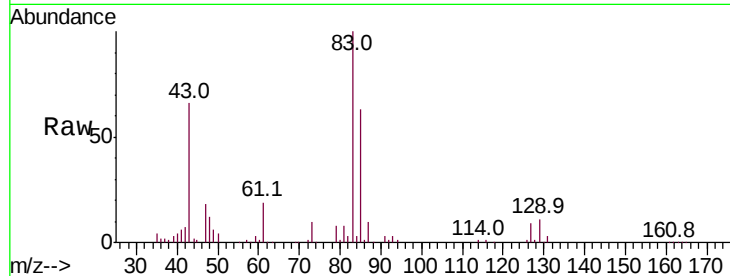
ClientSampleId :

VX0308WBSD02

Tot Ion:	83	Resp:	62561
Ion Ratio	Lower	Upper	
83	100		
85	63.3	50.9	76.3
127	8.6	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.250 ug/l

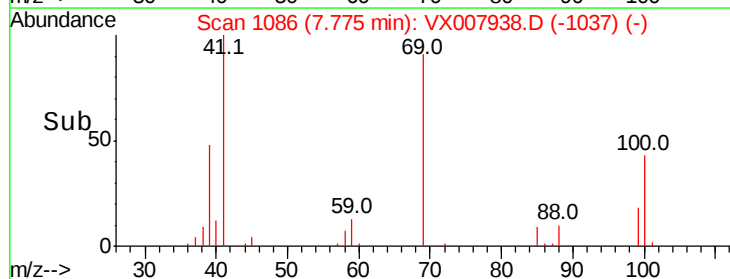
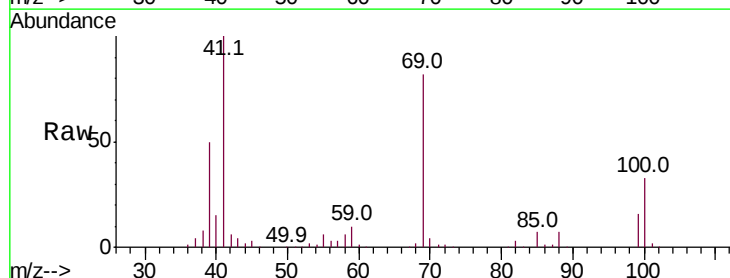
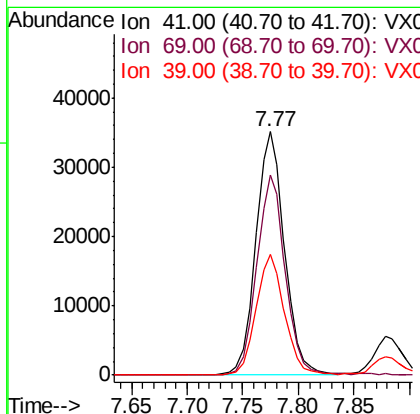
RT: 7.77 min Scan# 1086

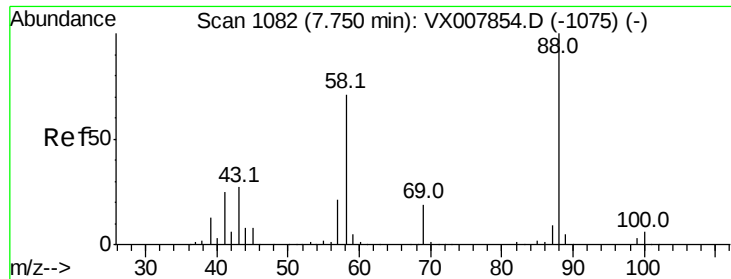
Delta R.T. 0.00 min

Lab File: VX007938.D

Acq: 08 Mar 2019 18:42

Tgt Ion:	41	Resp:	63024
Ion Ratio	Lower	Upper	
41	100		
69	81.8	65.2	97.8
39	49.1	39.4	59.2





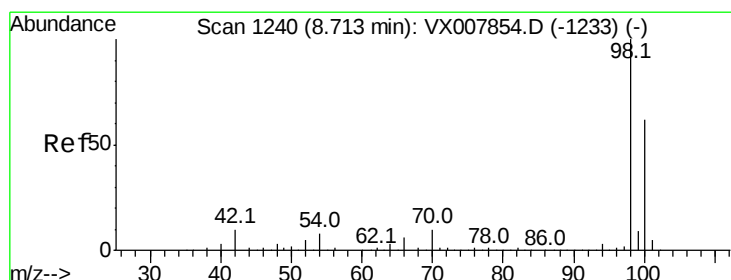
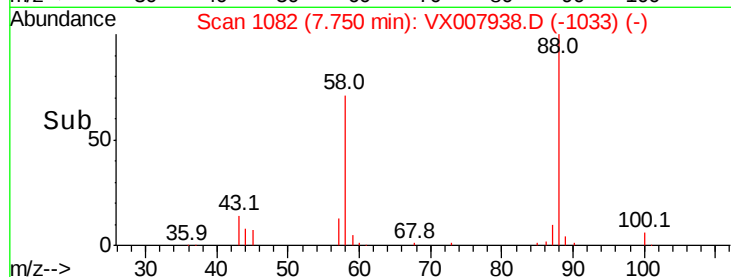
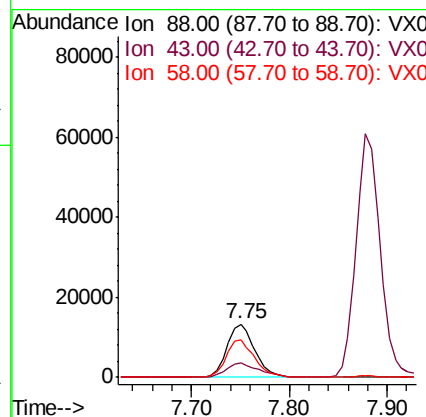
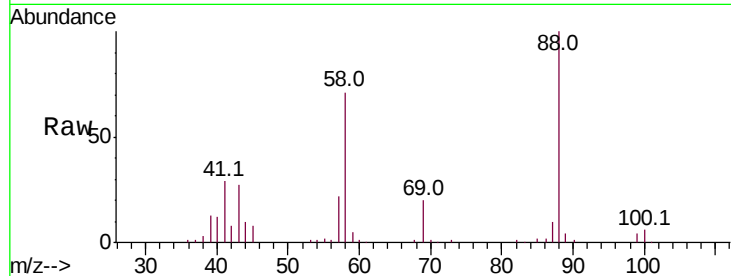
#49
1,4-Dioxane
Concen: 407.127 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007938.D
Acq: 08 Mar 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.2	25.1	37.7
58	72.8	57.8	86.6

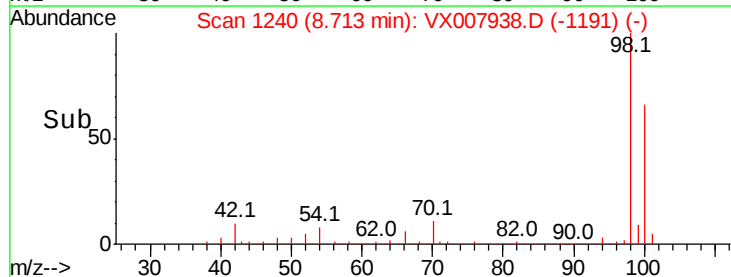
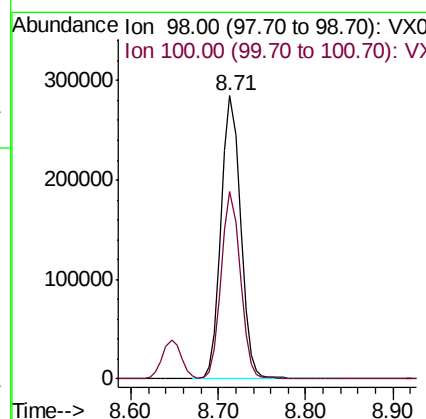
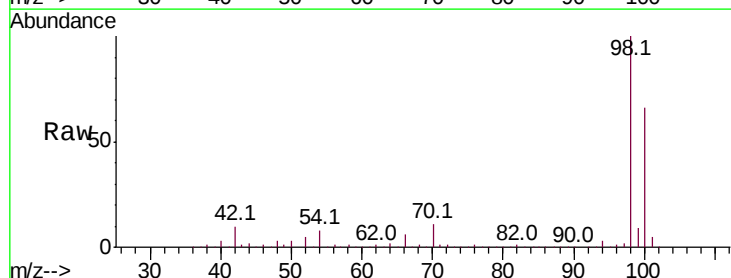
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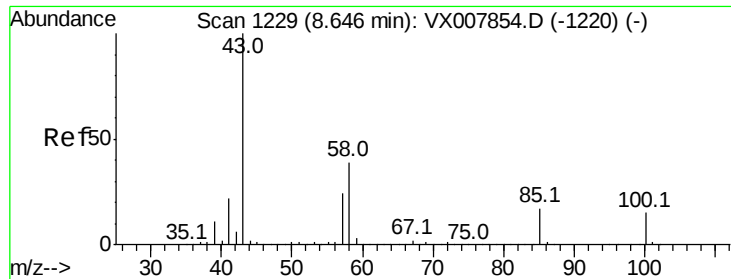
MMDadoda
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#50
Toluene-d8
Concen: 50.722 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007938.D
Acq: 08 Mar 2019 18:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 104.491 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007938.D

Acq: 08 Mar 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD02

Tot Ion: 43 Resp: 397790

Ion Ratio Lower Upper

43 100

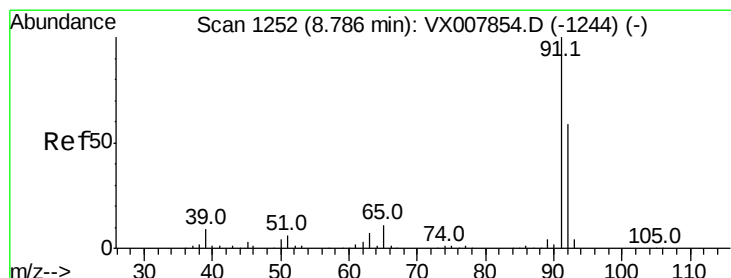
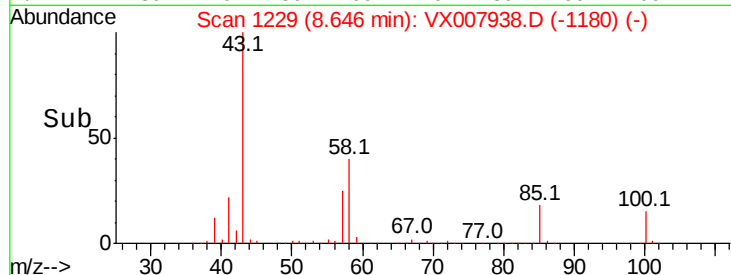
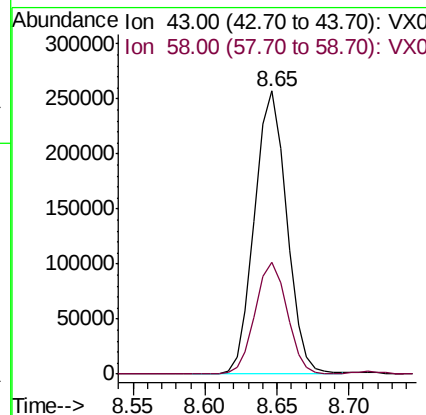
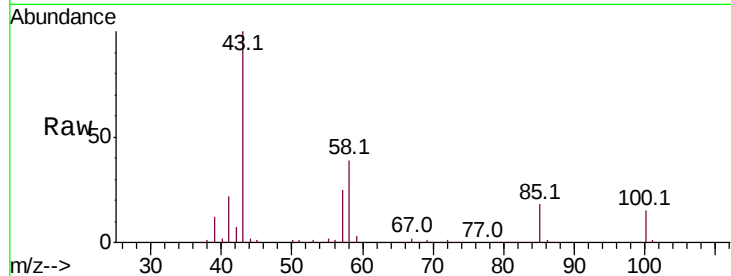
58 39.4 31.3 46.9

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#52

Toluene

Concen: 20.249 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007938.D

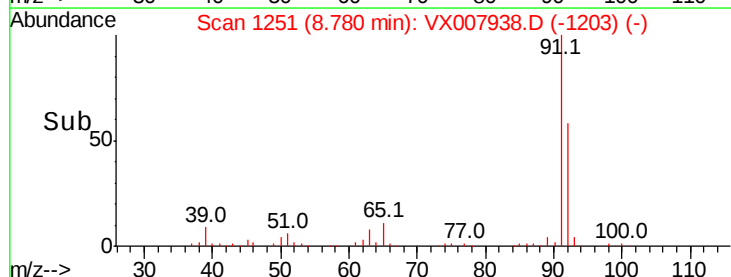
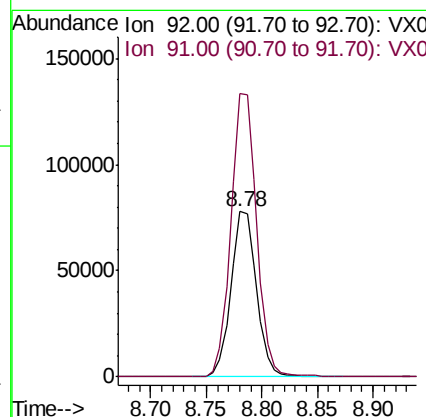
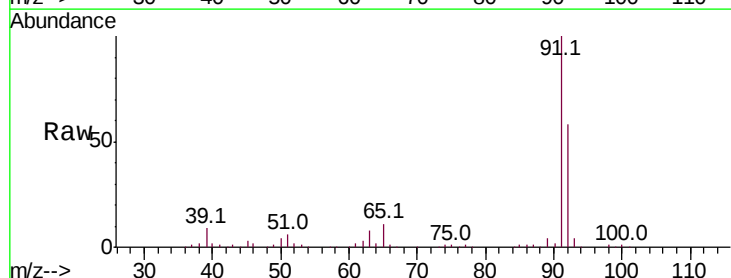
Acq: 08 Mar 2019 18:42

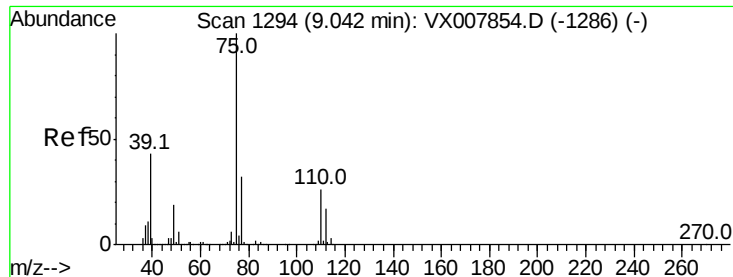
Tgt Ion: 92 Resp: 124049

Ion Ratio Lower Upper

92 100

91 172.7 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 19.526 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007938.D

Acq: 08 Mar 2019 18:42

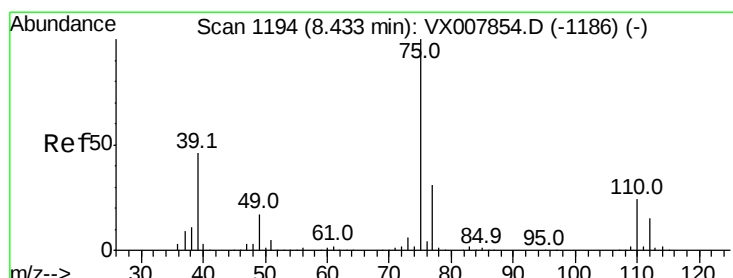
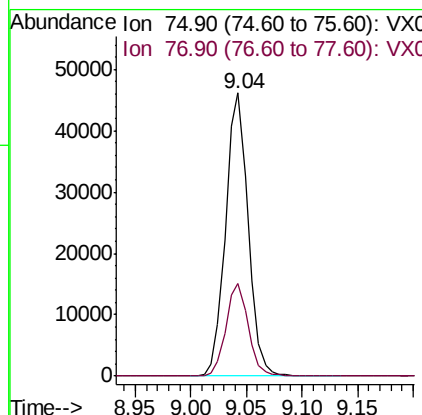
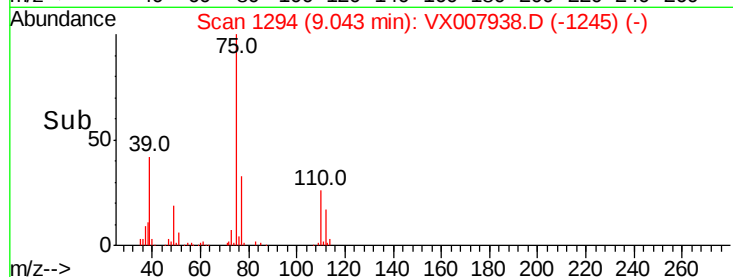
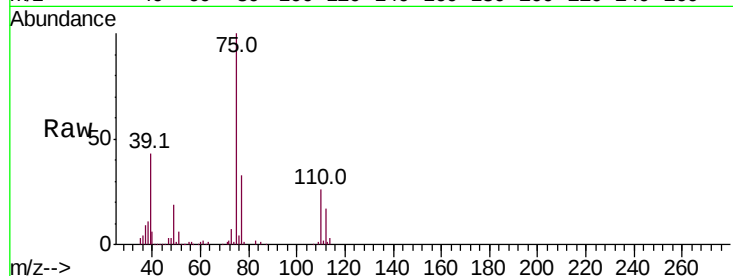
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD02

Tot Ion: 75 Resp: 64807

Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.4	38.0

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 19.964 ug/l

RT: 8.43 min Scan# 1194

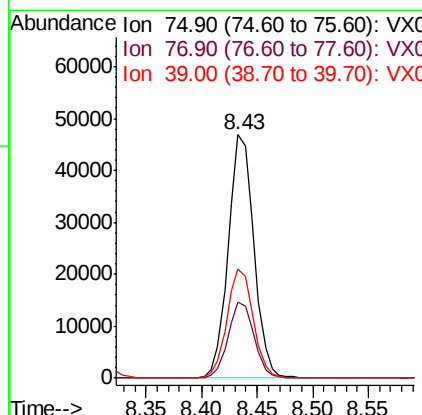
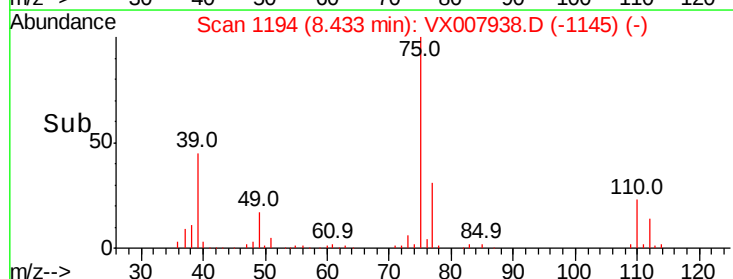
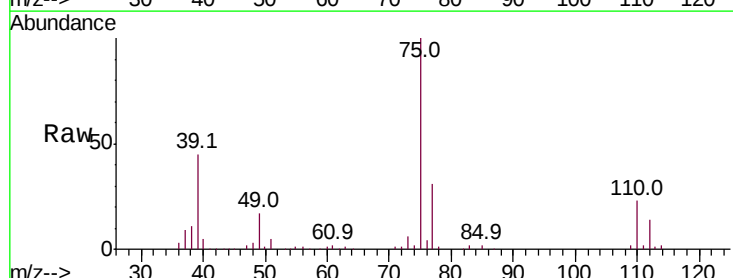
Delta R.T. 0.00 min

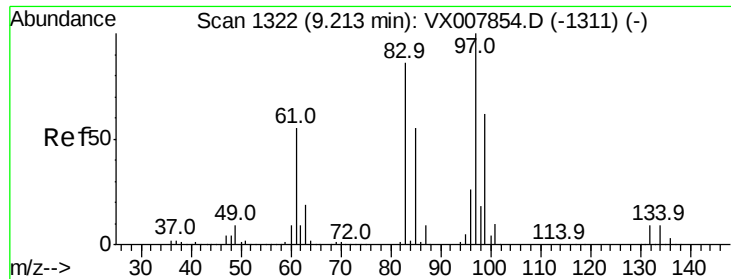
Lab File: VX007938.D

Acq: 08 Mar 2019 18:42

Tgt Ion: 75 Resp: 74827

Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.0	37.6
39	44.6	36.6	54.8





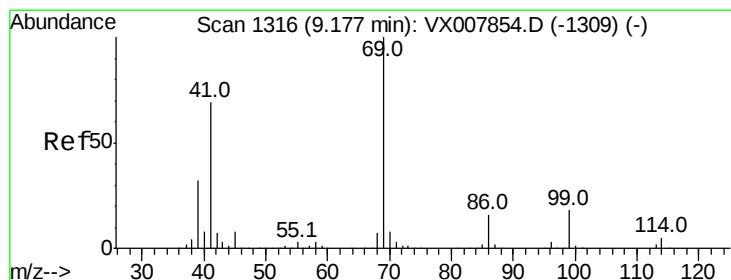
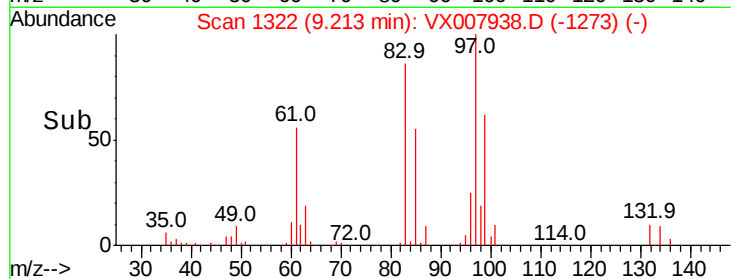
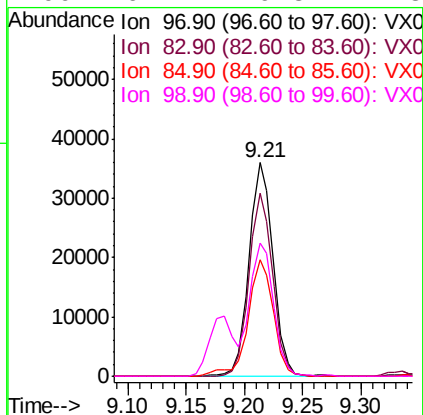
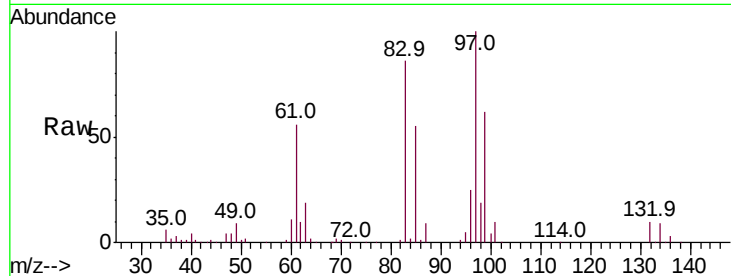
#55
 1,1,2-Trichloroethane
 Concen: 20.898 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007938.D
 Acq: 08 Mar 2019 18:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD02

Tot Ion:	97	Resp:	51825
Ion	Ratio	Lower	Upper
97	100		
83	85.5	69.1	103.7
85	54.7	44.3	66.5
99	62.1	49.8	74.8

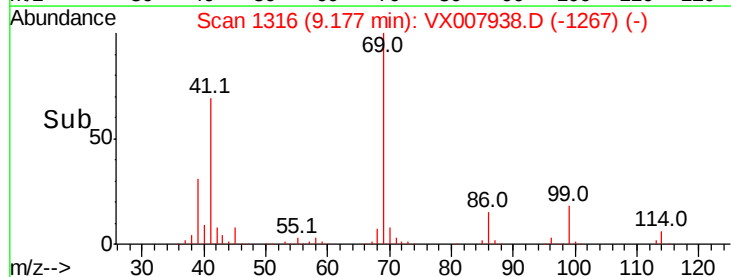
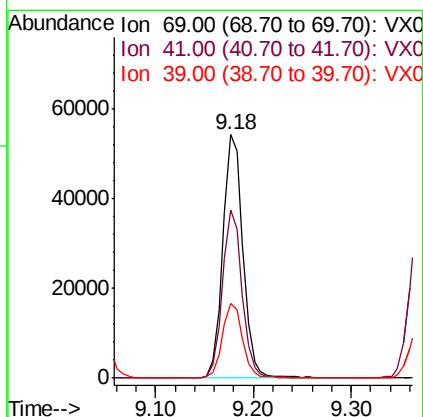
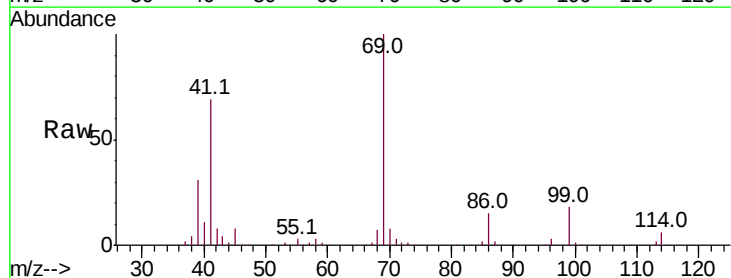
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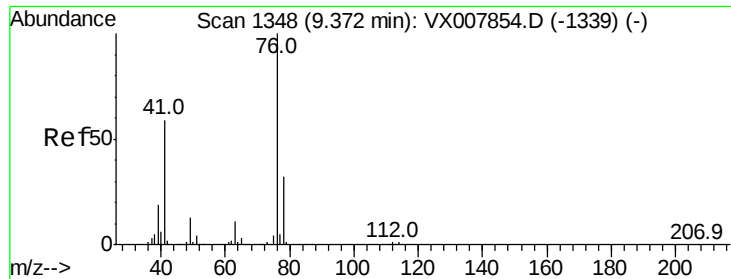
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#56
 Ethyl methacrylate
 Concen: 20.828 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX007938.D
 Acq: 08 Mar 2019 18:42

Tgt Ion:	69	Resp:	77555
Ion	Ratio	Lower	Upper
69	100		
41	67.7	54.2	81.4
39	30.5	25.0	37.4





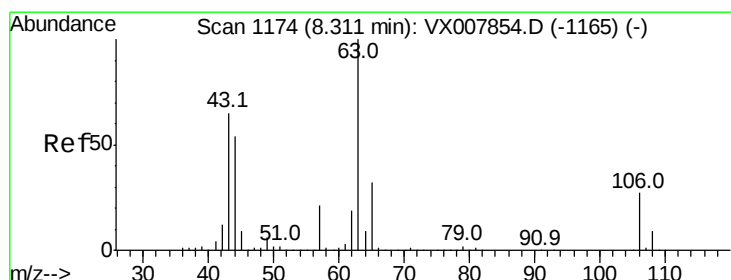
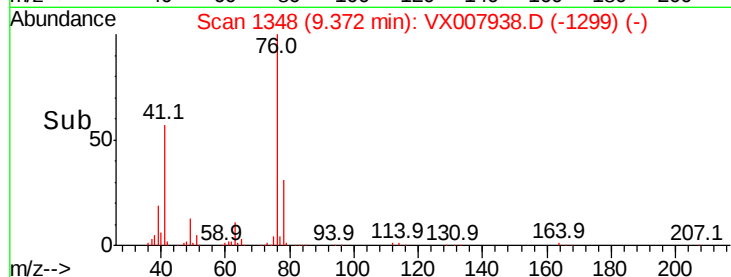
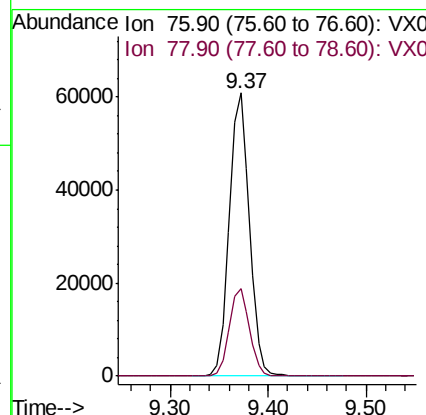
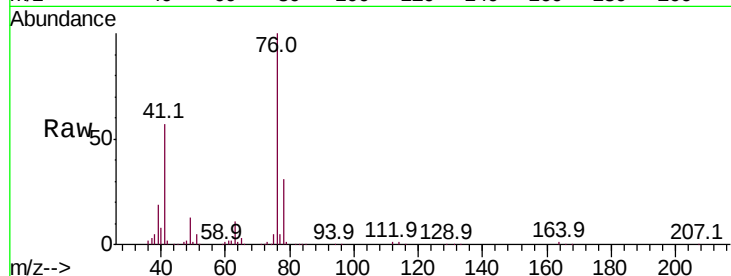
#57
 1,3-Dichloropropane
 Concen: 20.877 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX007938.D
 Acq: 08 Mar 2019 18:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.1	25.5	38.3

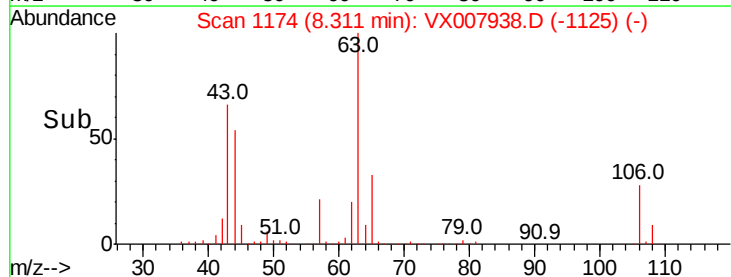
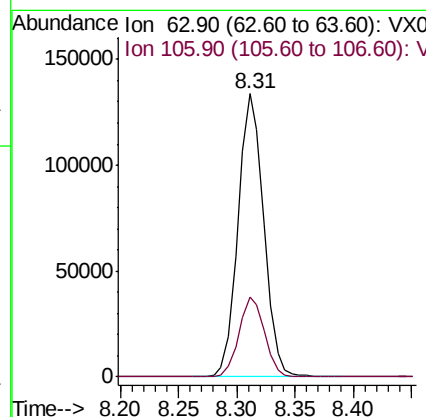
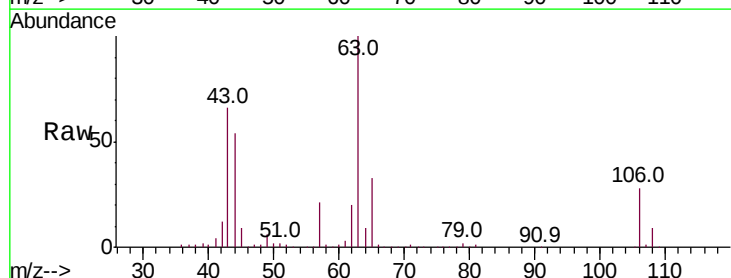
Manual Integrations
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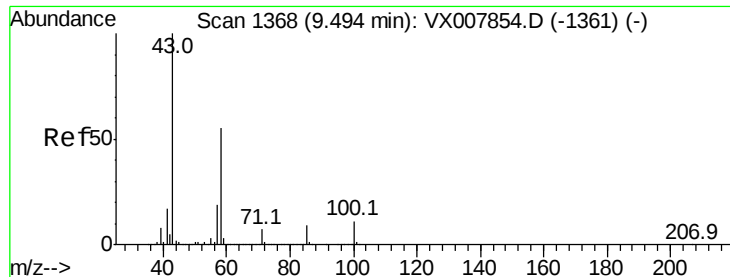
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#58
 2-Chloroethyl Vinyl ether
 Concen: 106.902 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX007938.D
 Acq: 08 Mar 2019 18:42

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.1	22.2	33.2





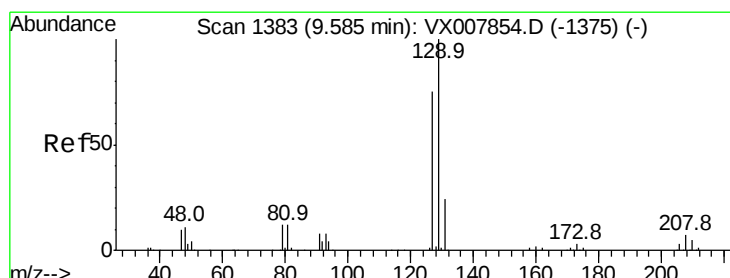
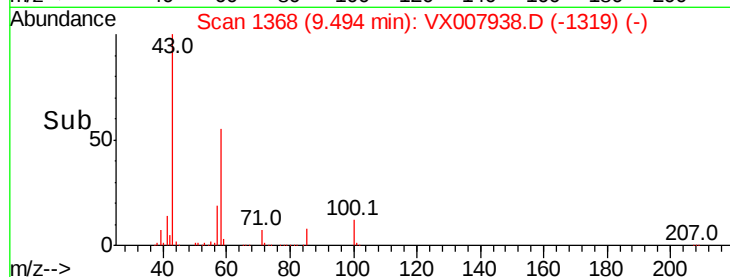
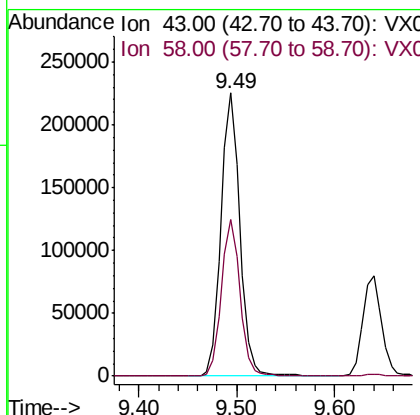
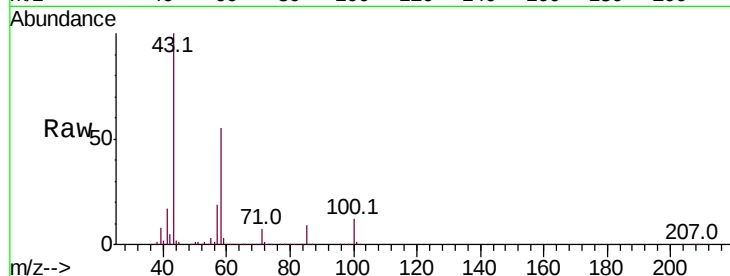
#59
2-Hexanone
Concen: 102.332 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007938.D
Acq: 08 Mar 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD02

Tot Ion: 43 Resp: 302454
Ion Ratio Lower Upper
43 100
58 55.0 27.6 82.7

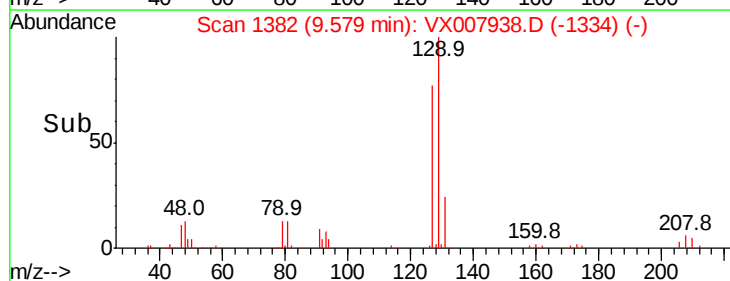
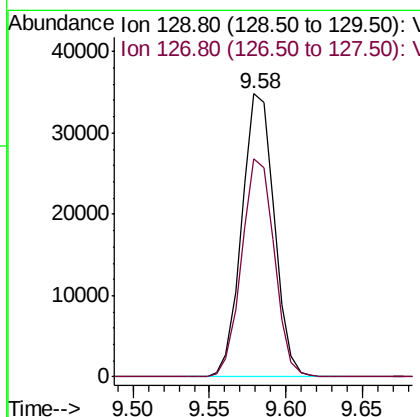
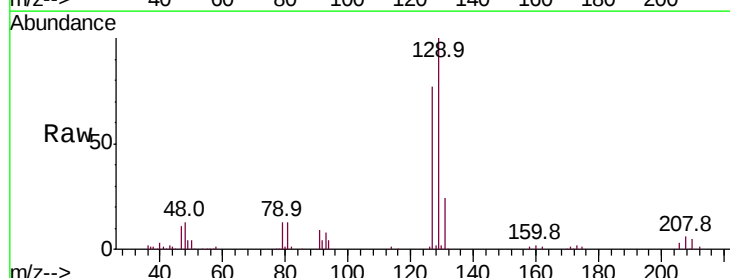
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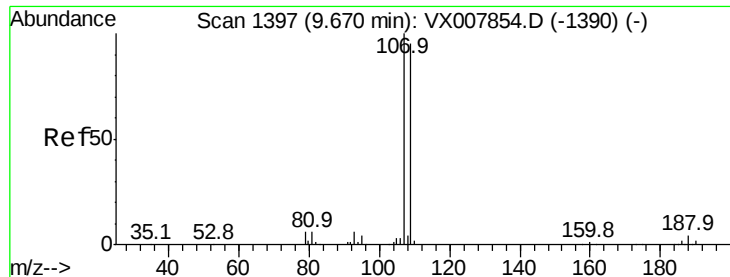
MMDadoda
3/11/2019 12:02:27 PM



#60
Dibromochloromethane
Concen: 19.784 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX007938.D
Acq: 08 Mar 2019 18:42

Tgt Ion: 129 Resp: 51282
Ion Ratio Lower Upper
129 100
127 77.3 38.3 114.8





#61

1,2-Dibromoethane

Concen: 20.408 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007938.D

Acq: 08 Mar 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD02

Tot Ion:107 Resp: 53734

Ion Ratio Lower Upper

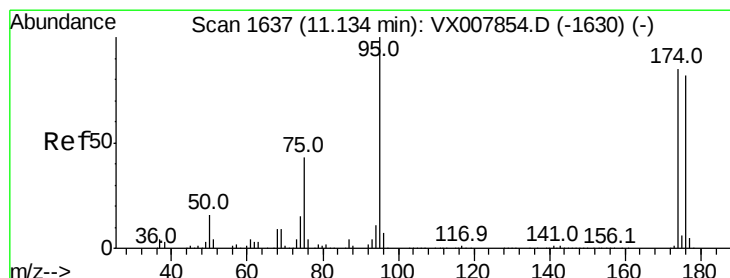
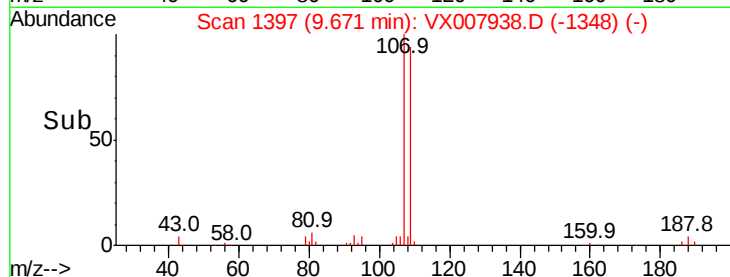
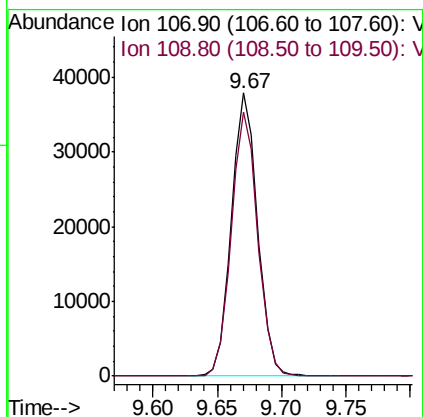
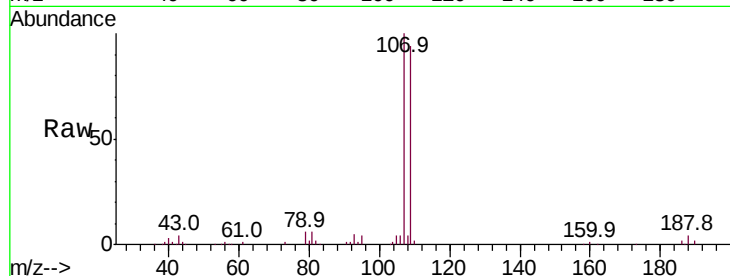
107 100

109 94.0 75.8 113.8

Manual Integrations
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MMDadoda

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#62

4-Bromofluorobenzene

Concen: 50.796 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007938.D

Acq: 08 Mar 2019 18:42

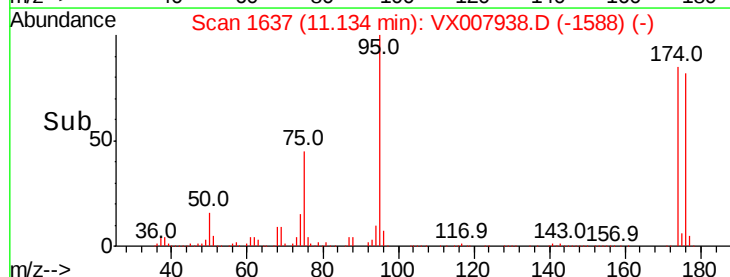
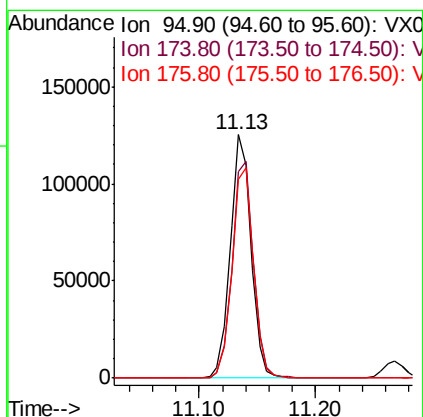
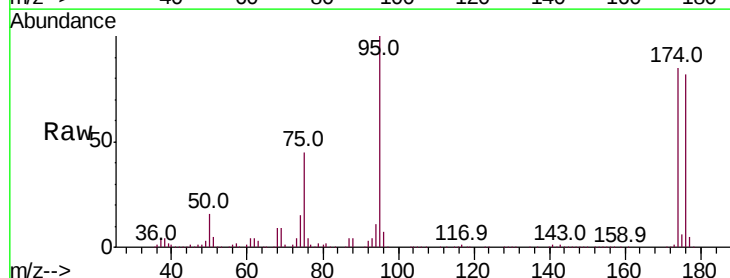
Tgt Ion: 95 Resp: 155737

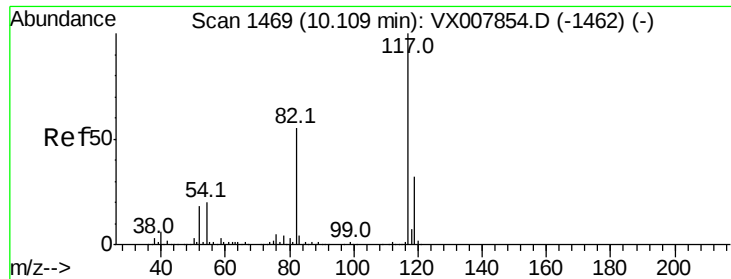
Ion Ratio Lower Upper

95 100

174 91.6 0.0 182.8

176 89.3 0.0 178.0





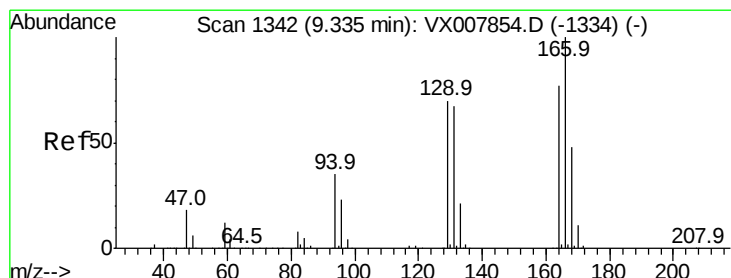
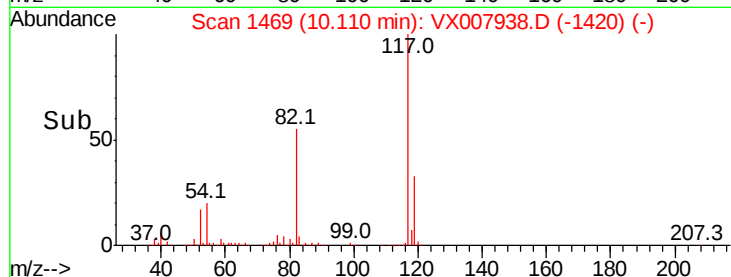
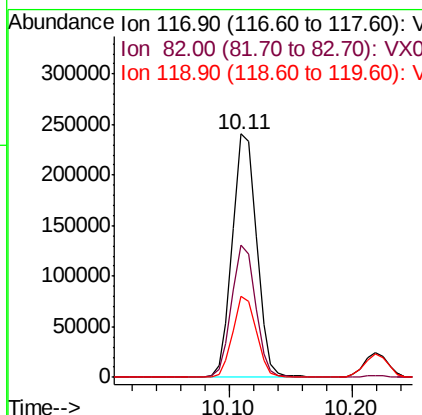
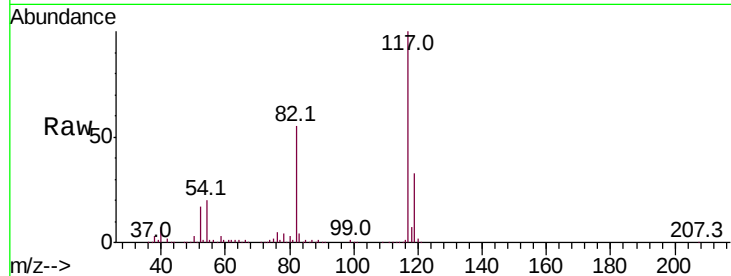
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007938.D
Acq: 08 Mar 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
117	100			
82	54.5	44.3	66.5	
119	33.0	25.3	37.9	

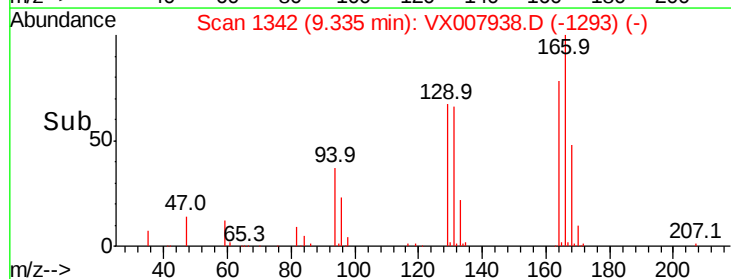
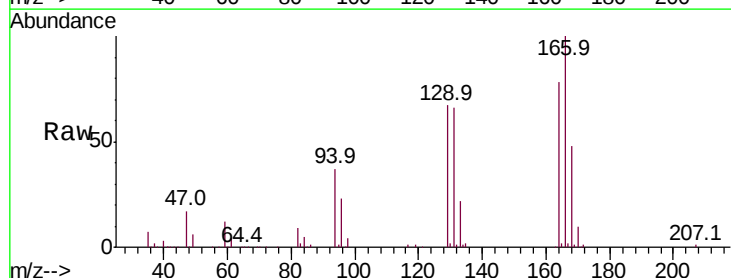
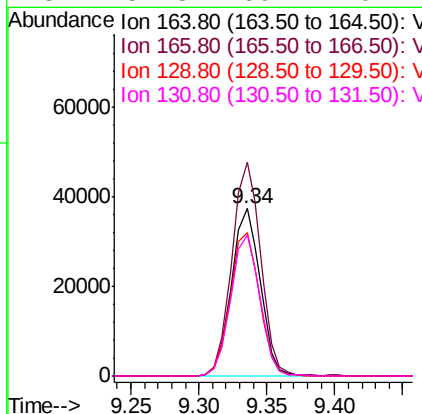
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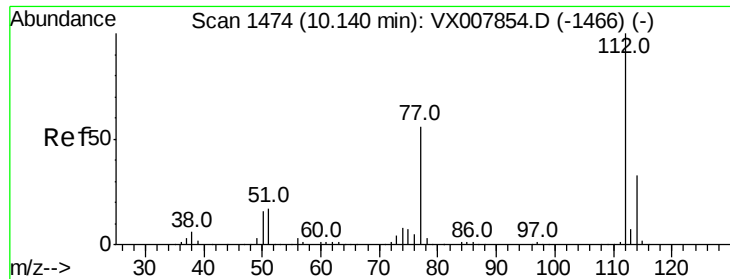
MMDadoda
3/11/2019 12:02:27 PM



#64
Tetrachloroethene
Concen: 20.021 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007938.D
Acq: 08 Mar 2019 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
166	127.5	103.4	155.0	
129	85.3	72.2	108.4	
131	84.3	69.4	104.2	





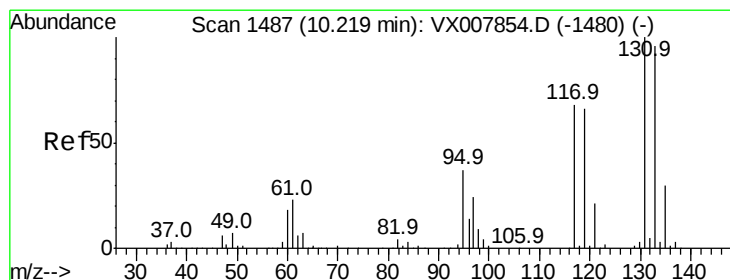
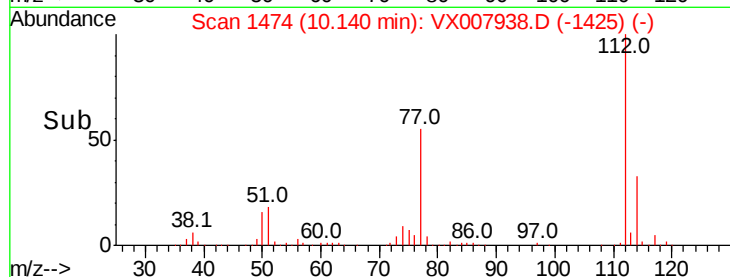
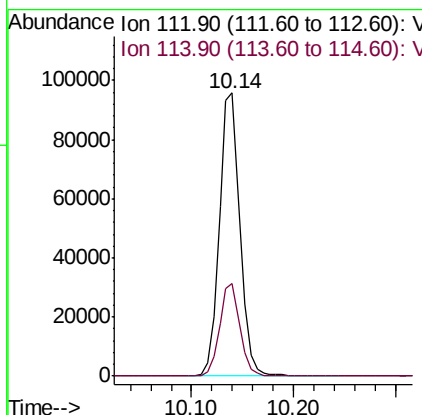
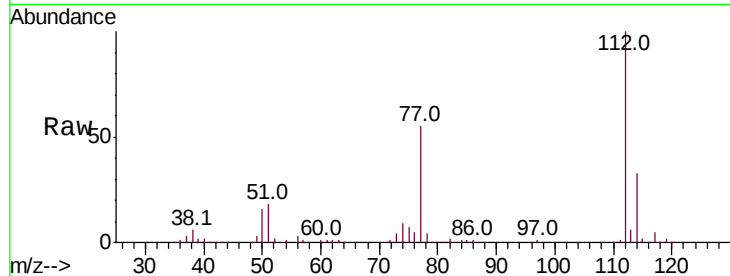
#65
Chlorobenzene
Concen: 19.495 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007938.D
Acq: 08 Mar 2019 18:42

Instrument :
MSVOA_X
ClientSampled :
VX0308WBSD02

Tot Ion:112 Resp: 135269
Ion Ratio Lower Upper
112 100
114 32.7 26.0 39.0

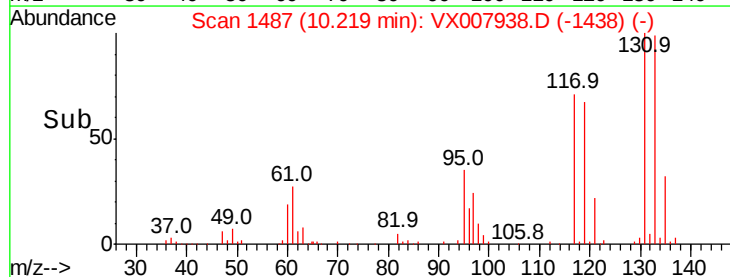
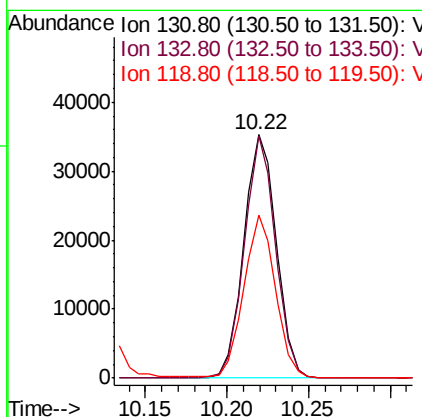
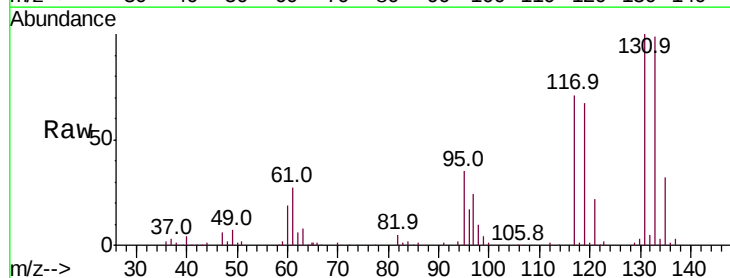
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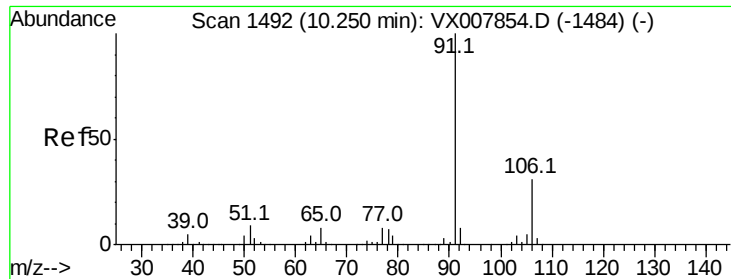
MMDadoda
3/11/2019 12:02:27 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.737 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007938.D
Acq: 08 Mar 2019 18:42

Tgt Ion:131 Resp: 49080
Ion Ratio Lower Upper
131 100
133 95.4 47.8 143.3
119 65.3 32.5 97.5





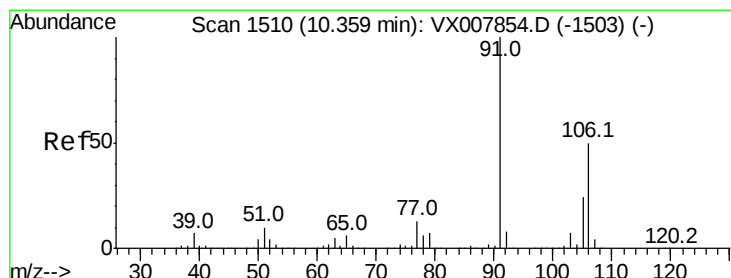
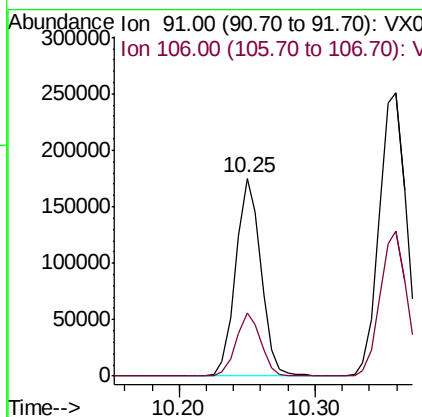
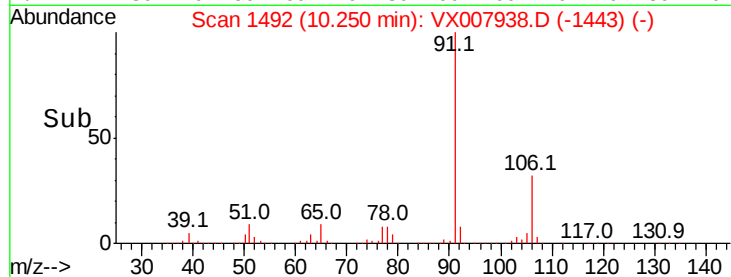
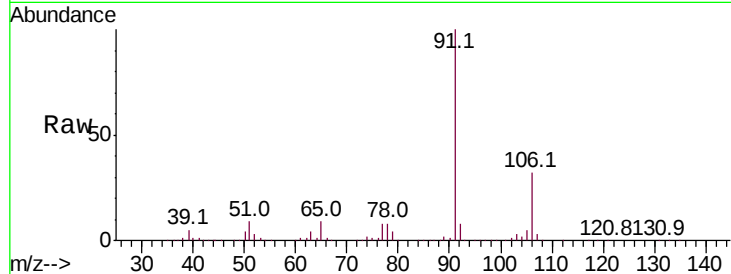
#67
Ethyl Benzene
Concen: 19.853 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007938.D
Acq: 08 Mar 2019 18:42

Instrument :
MSVOA_X
ClientSampled :
VX0308WBSD02

Tot Ion: 91 Resp: 226751
Ion Ratio Lower Upper
91 100
106 31.7 25.2 37.8

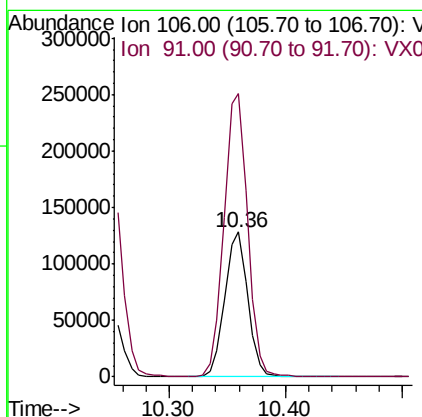
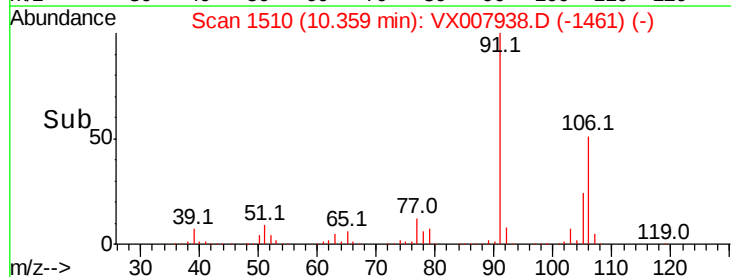
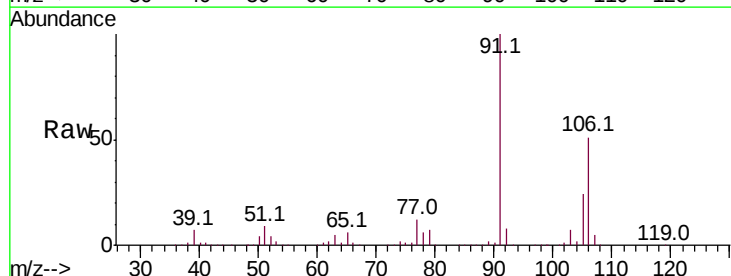
Manual Integrations
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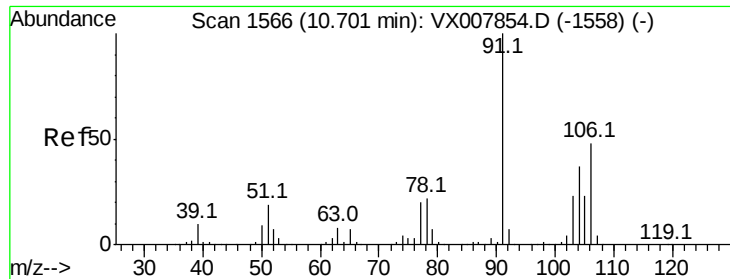
MMDadoda
3/11/2019 12:02:27 PM



#68
m/p-Xylenes
Concen: 39.690 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007938.D
Acq: 08 Mar 2019 18:42

Tgt Ion: 106 Resp: 174731
Ion Ratio Lower Upper
106 100
91 201.5 159.8 239.6





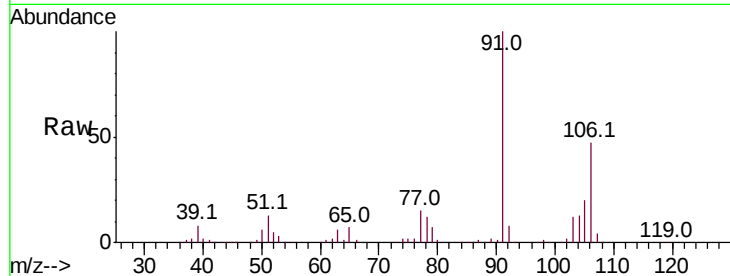
#69
o-Xylene
Concen: 19.992 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007938.D
Acq: 08 Mar 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD02

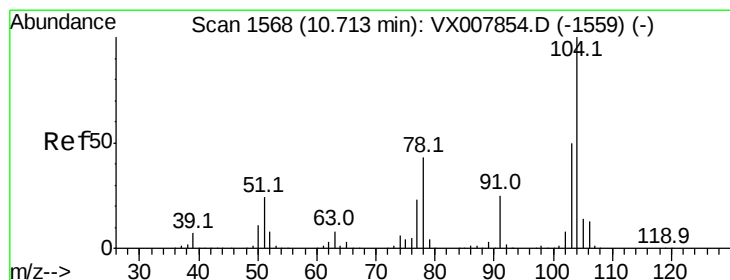
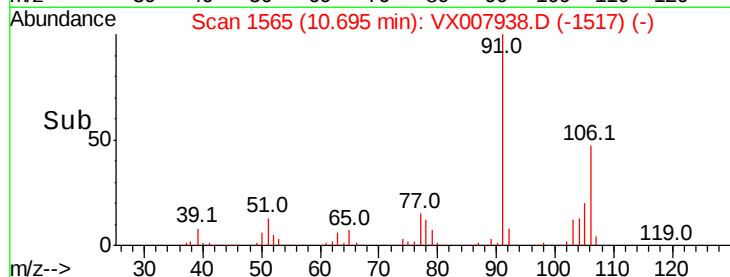
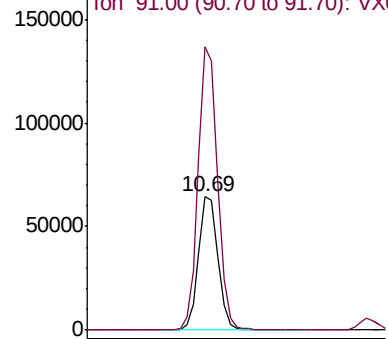
Tot Ion:106 Resp: 84973
Ion Ratio Lower Upper
106 100
91 212.9 106.3 318.9

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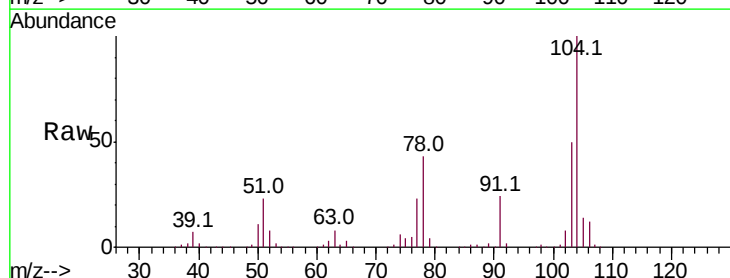


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

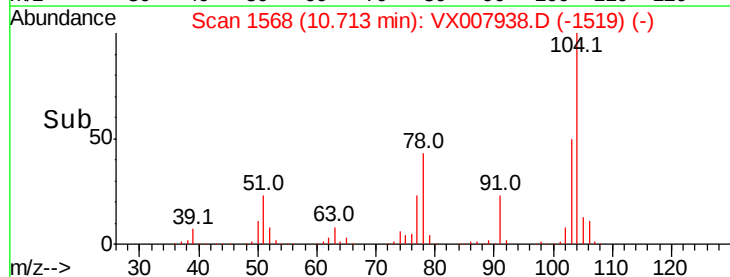
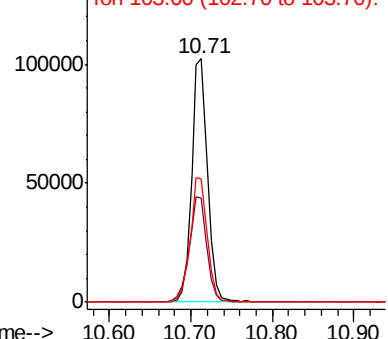


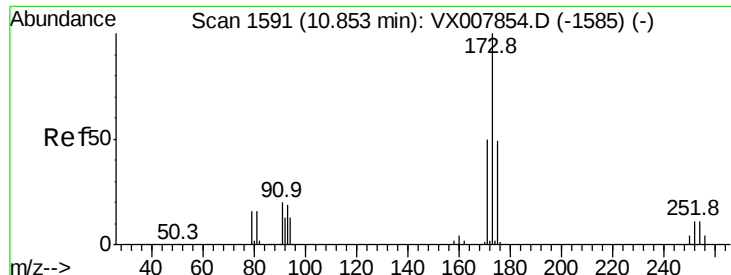
#70
Styrene
Concen: 20.198 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007938.D
Acq: 08 Mar 2019 18:42

Tgt Ion:104 Resp: 140480
Ion Ratio Lower Upper
104 100
78 48.0 38.5 57.7
103 55.1 44.1 66.1



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





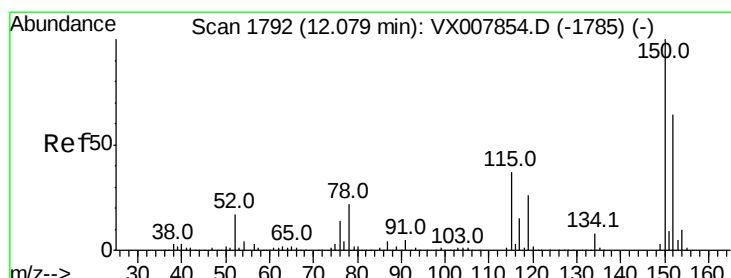
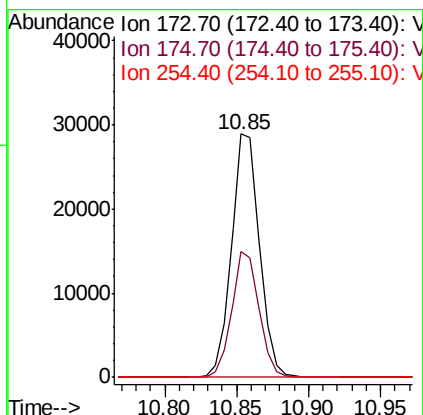
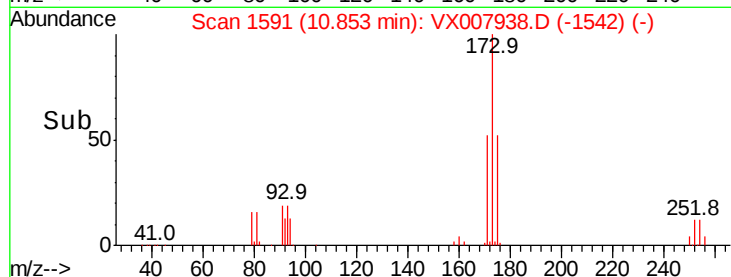
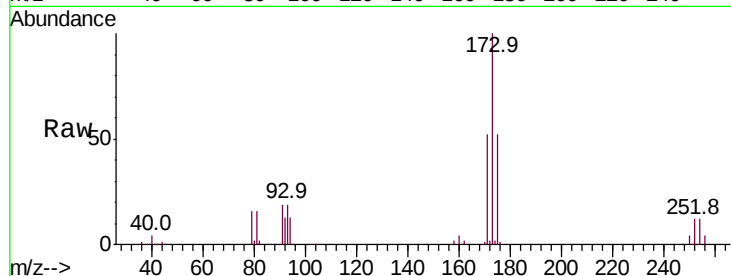
#71
Bromoform
Concen: 18.480 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX007938.D
Acq: 08 Mar 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD02

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.3	24.3	72.9
254	0.0	0.1	0.1#

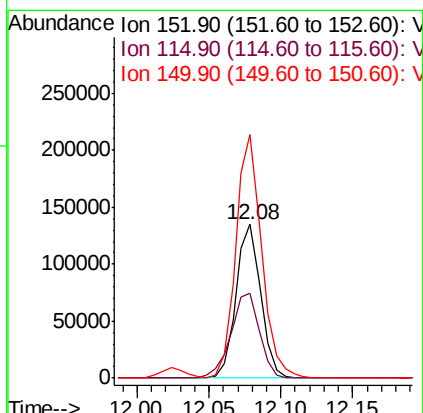
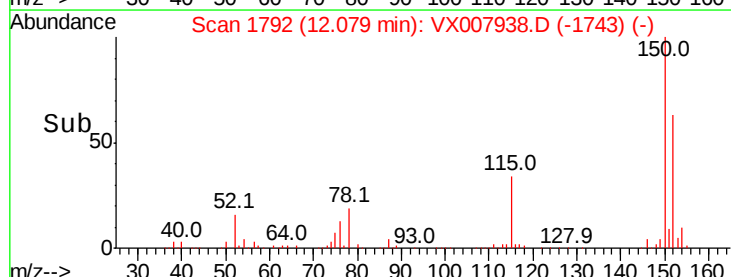
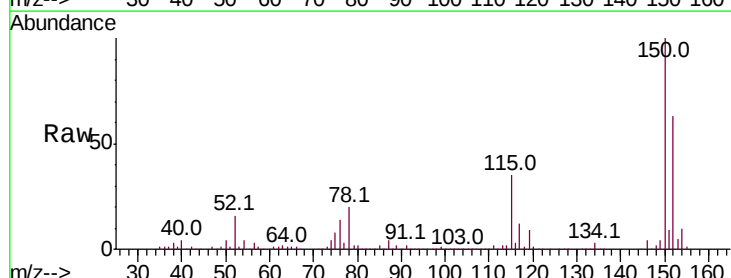
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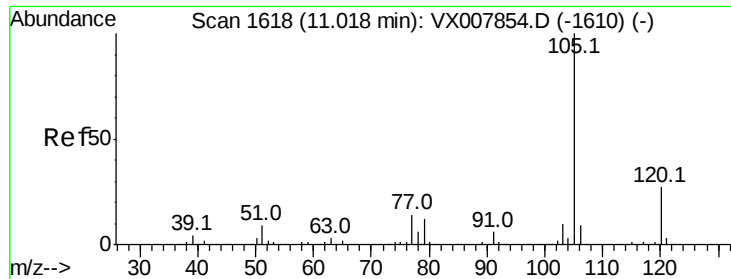
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007938.D
Acq: 08 Mar 2019 18:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.6	38.6	115.7
150	164.4	0.0	348.4





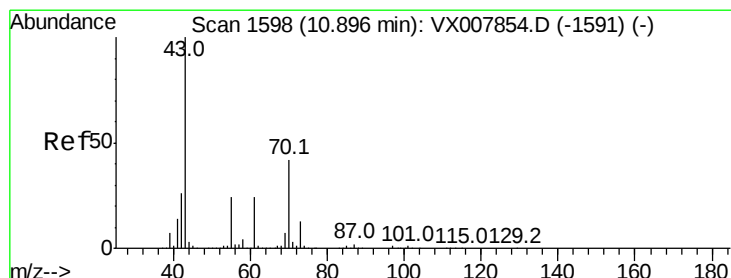
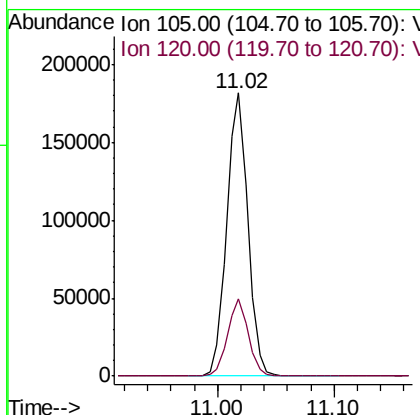
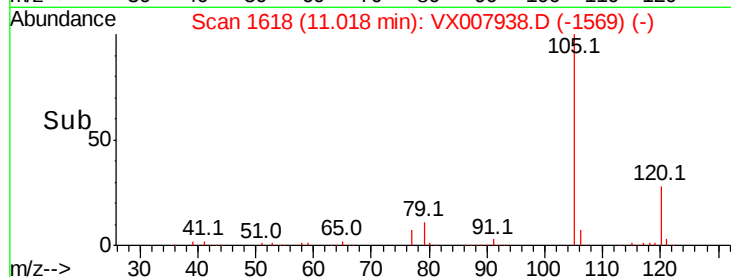
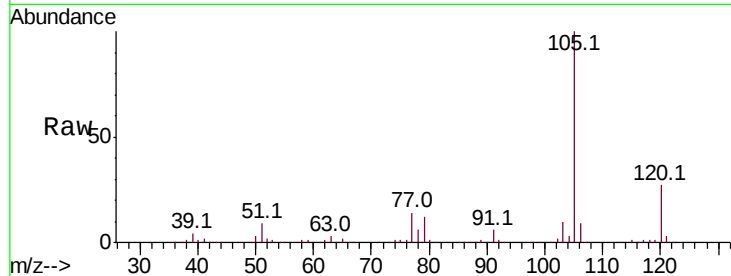
#73
Isopropylbenzene
Concen: 20.857 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX007938.D
Acq: 08 Mar 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD02

Tot Ion: 105 Resp: 228364
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.1

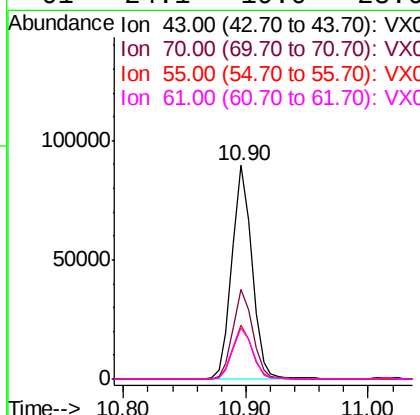
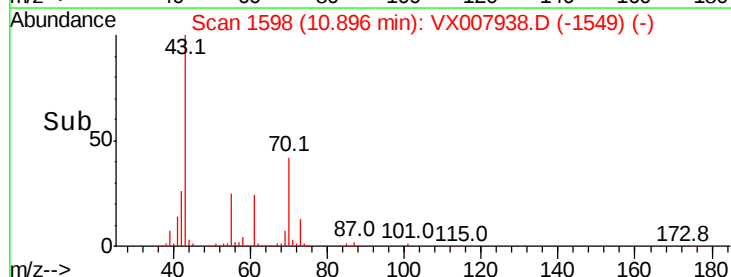
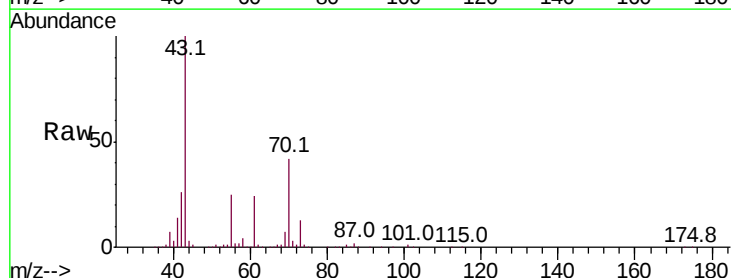
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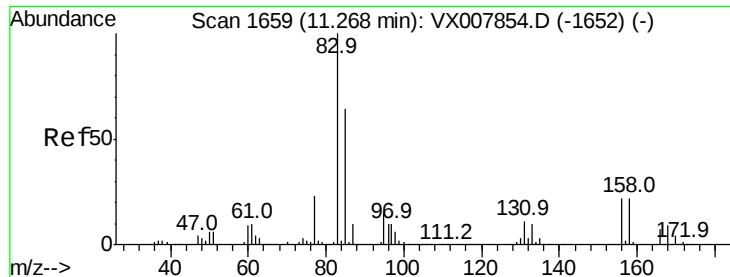
MMDadoda
3/11/2019 12:02:27 PM



#74
N-ethyl acetate
Concen: 20.276 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX007938.D
Acq: 08 Mar 2019 18:42

Tgt Ion: 43 Resp: 101353
Ion Ratio Lower Upper
43 100
70 41.9 33.5 50.3
55 25.2 19.2 28.8
61 24.1 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.091 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007938.D

Acq: 08 Mar 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD02

Tot Ion: 83 Resp: 75878

Ion Ratio Lower Upper

83 100

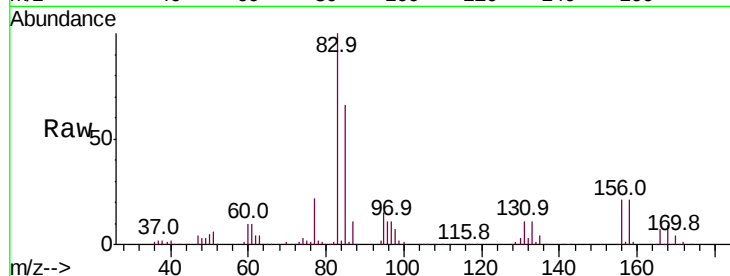
131 10.7 5.4 16.2

85 64.7 32.3 96.8

Manual Integrations
APPROVED

MMDadoda

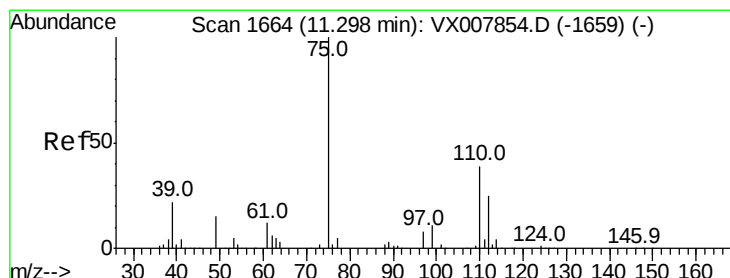
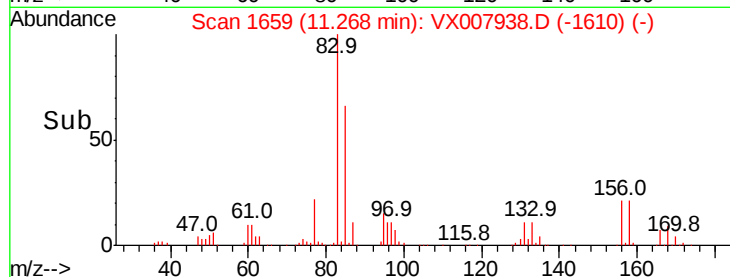
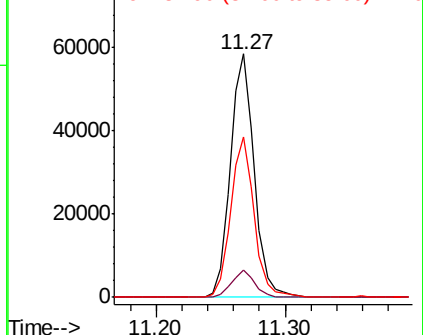
3/11/2019 12:02:27 PM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.629 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX007938.D

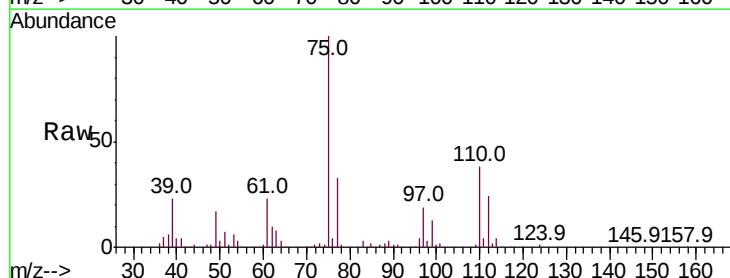
Acq: 08 Mar 2019 18:42

Tgt Ion: 75 Resp: 73478

Ion Ratio Lower Upper

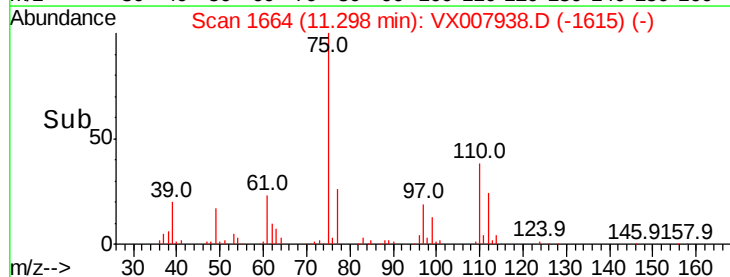
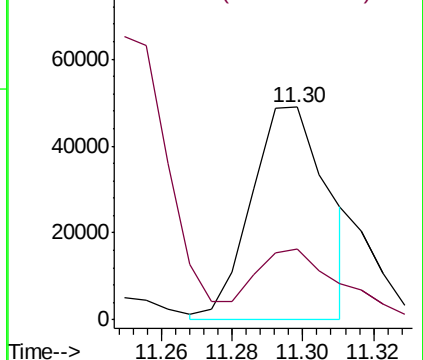
75 100

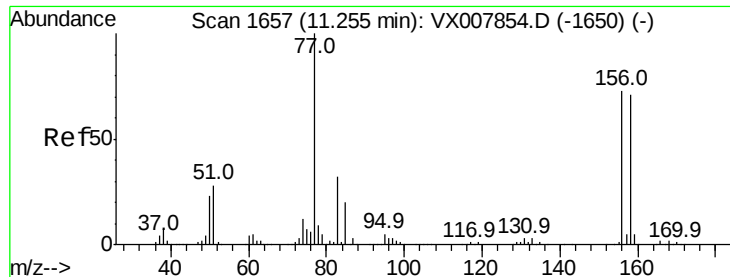
77 38.6 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.407 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007938.D

Acq: 08 Mar 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD02

Tot Ion:156 Resp: 61260

Ion Ratio Lower Upper

156 100

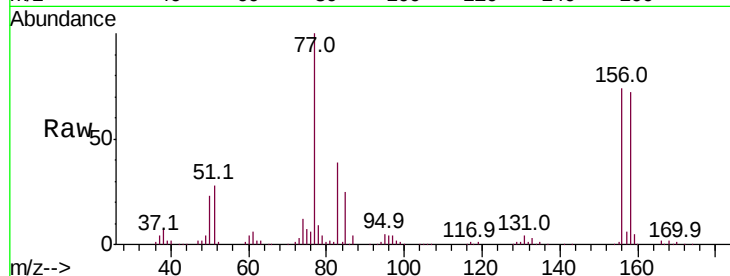
77 141.7 72.0 215.9

158 96.9 48.6 145.9

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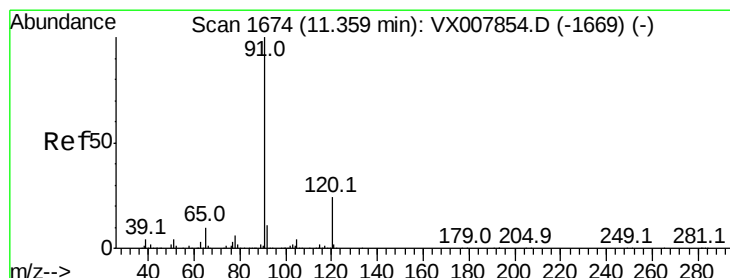
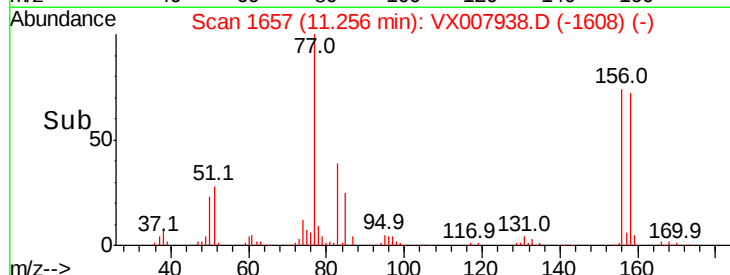
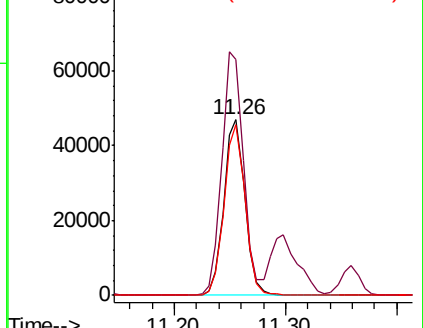
3/11/2019 12:02:27 PM



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: 20.666 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007938.D

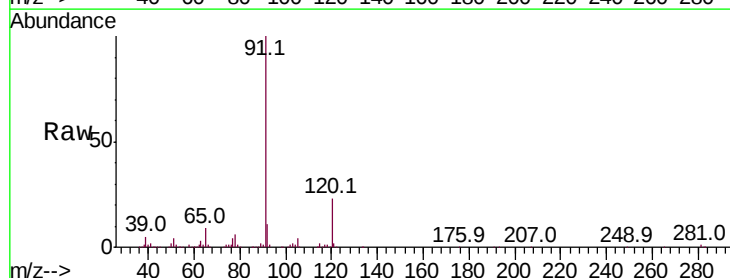
Acq: 08 Mar 2019 18:42

Tgt Ion: 91 Resp: 251027

Ion Ratio Lower Upper

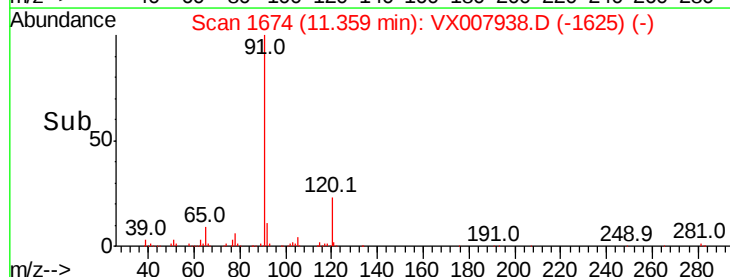
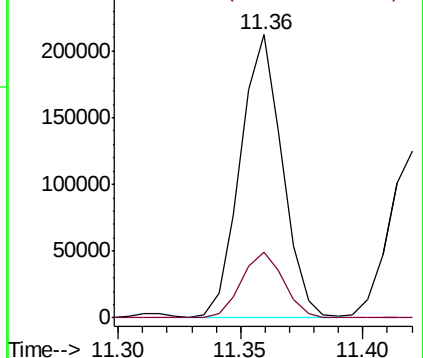
91 100

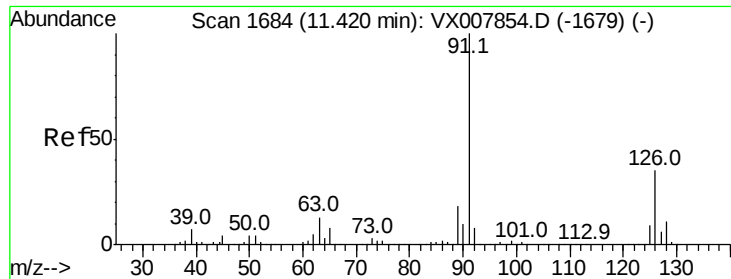
120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.424 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007938.D

Acq: 08 Mar 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD02

Tot Ion: 91 Resp: 151683

Ion Ratio Lower Upper

91 100

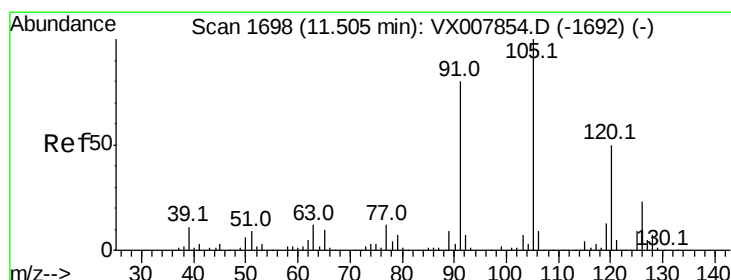
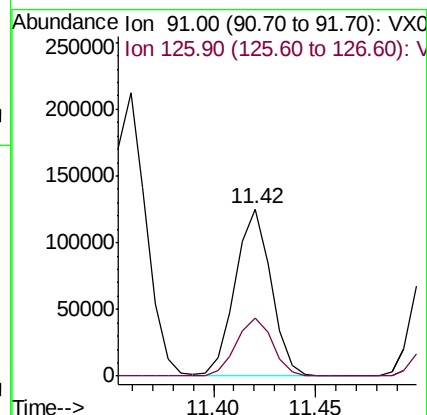
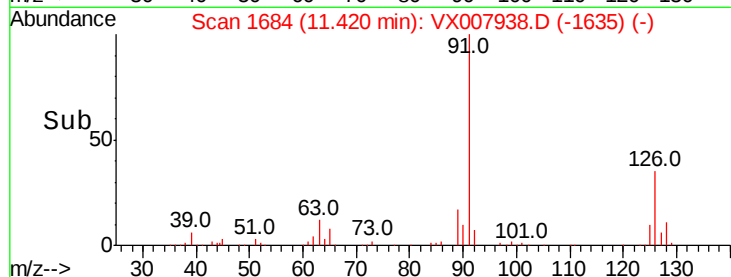
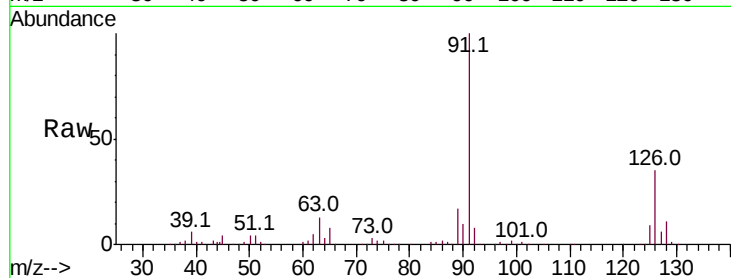
126 35.5 17.5 52.6

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 20.886 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007938.D

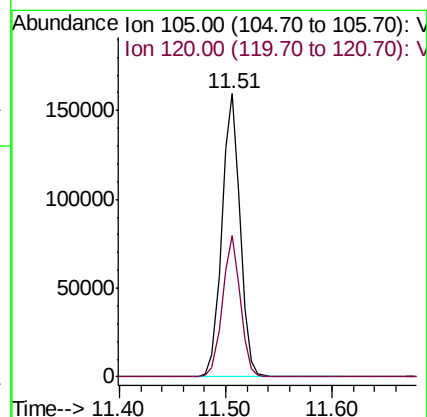
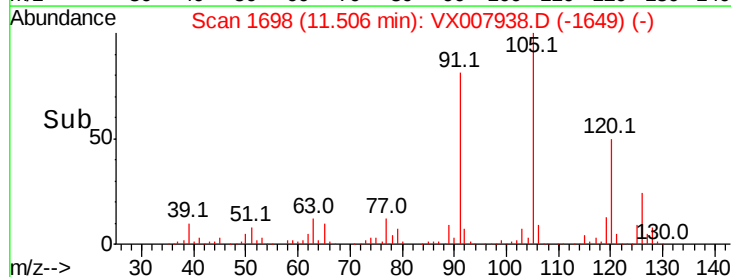
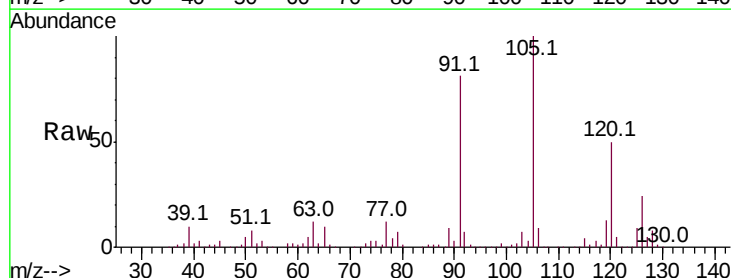
Acq: 08 Mar 2019 18:42

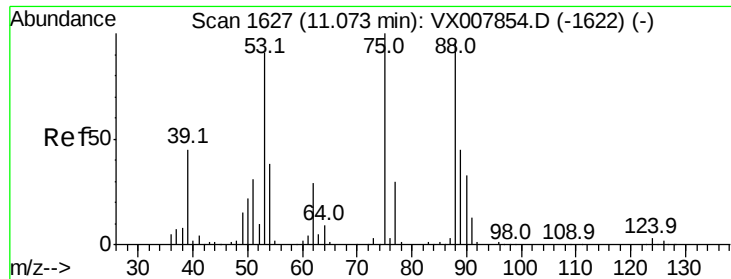
Tgt Ion: 105 Resp: 188217

Ion Ratio Lower Upper

105 100

120 49.4 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.912 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007938.D

Acq: 08 Mar 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD02

Tot Ion: 75 Resp: 20100

Ion Ratio Lower Upper

75 100

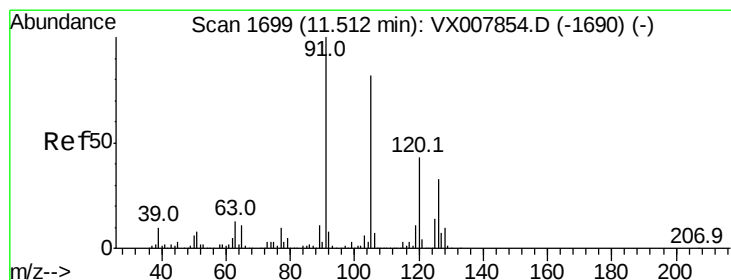
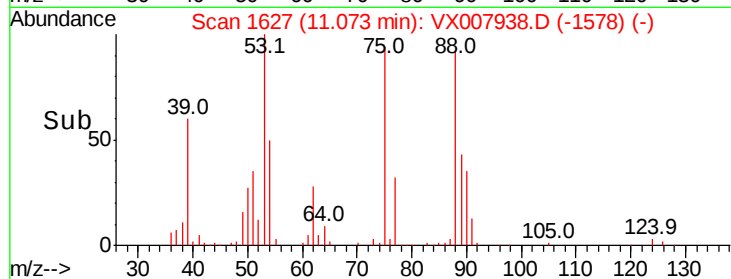
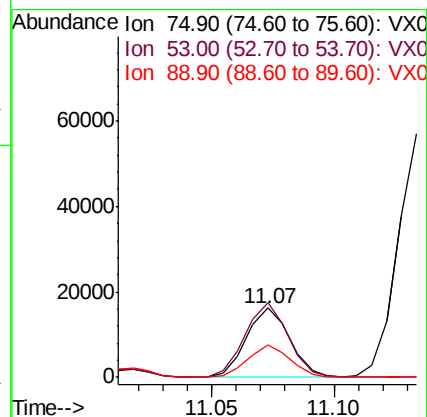
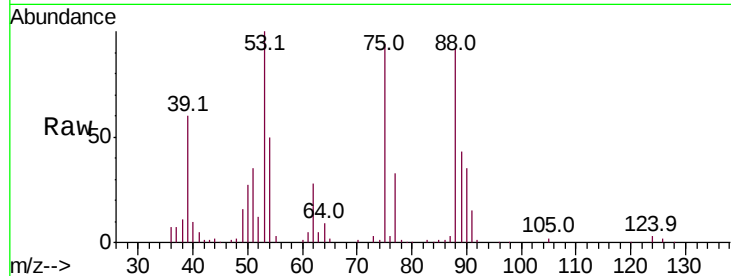
53 106.3 76.1 114.1

89 44.9 36.3 54.5

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.498 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007938.D

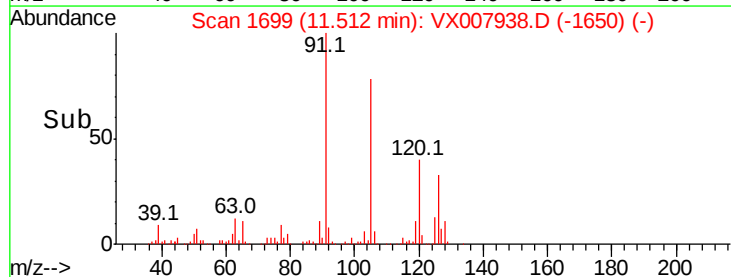
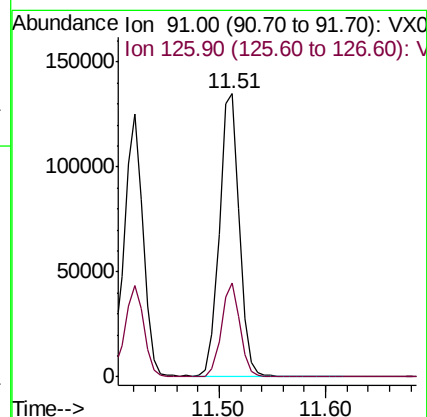
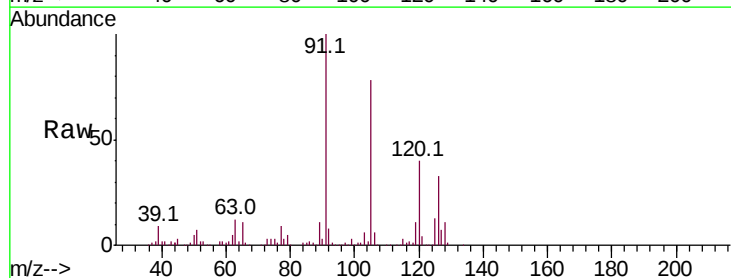
Acq: 08 Mar 2019 18:42

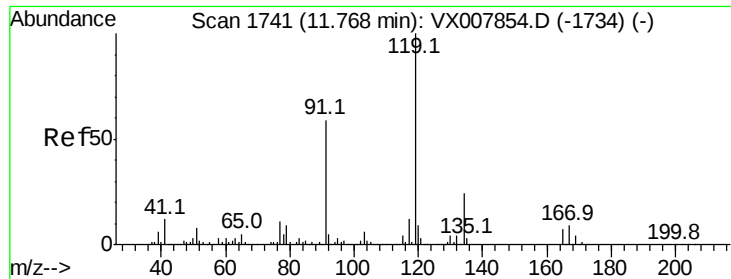
Tgt Ion: 91 Resp: 174465

Ion Ratio Lower Upper

91 100

126 31.1 15.6 46.8





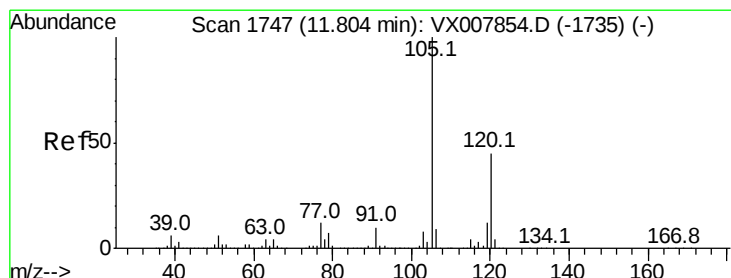
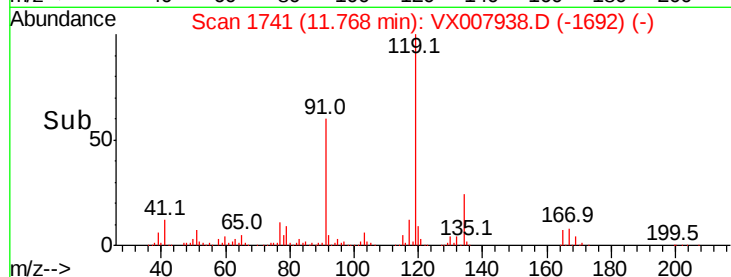
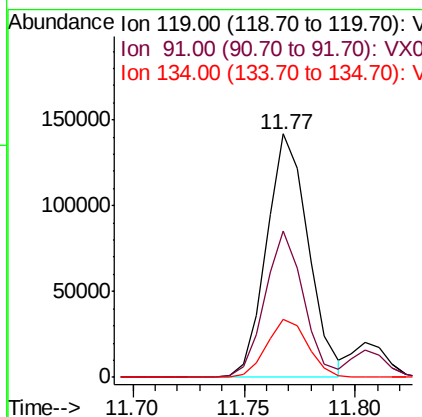
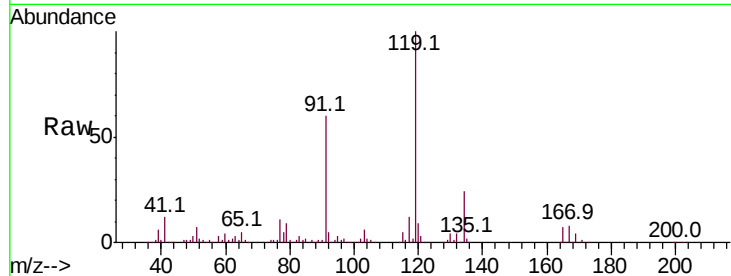
#83
tert-Butylbenzene
Concen: 20.332 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX007938.D
Acq: 08 Mar 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	184563		
91	55.8	27.1	81.3	
134	23.5	11.4	34.1	

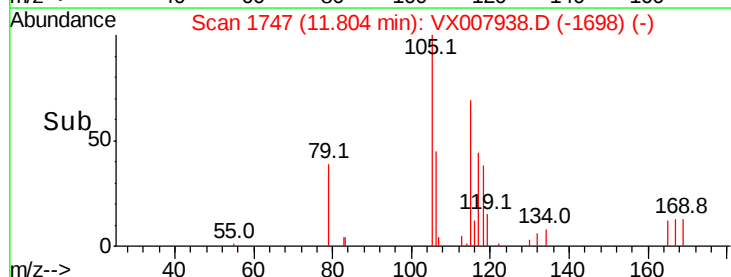
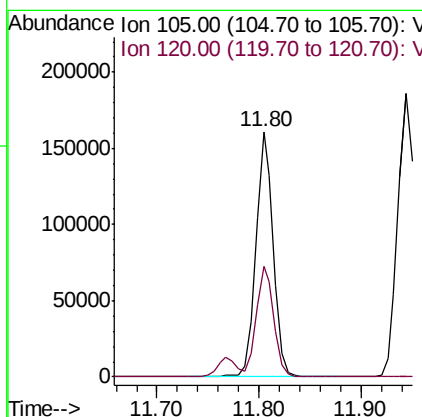
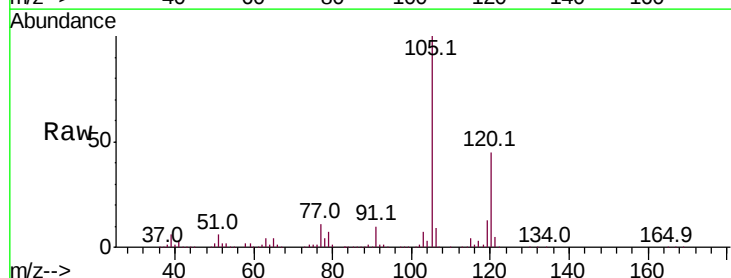
Manual Integrations
APPROVED

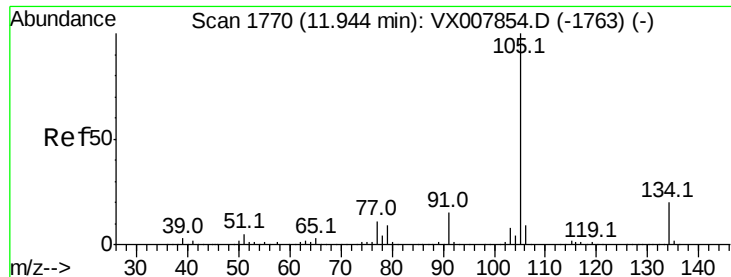
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 20.827 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX007938.D
Acq: 08 Mar 2019 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	192406		
120	45.5	22.6	67.7	





#85

sec-Butylbenzene

Concen: 20.910 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007938.D

Acq: 08 Mar 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD02

Tot Ion:105 Resp: 223549

Ion Ratio Lower Upper

105 100

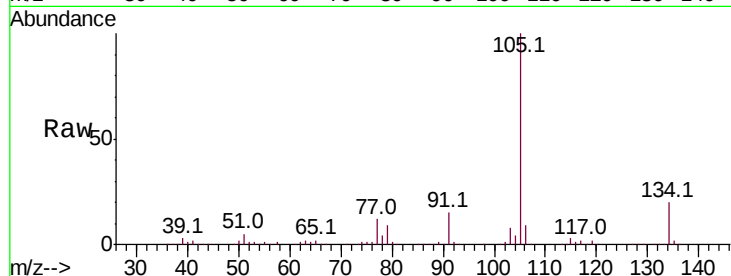
134 20.5 10.4 31.2

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

100000

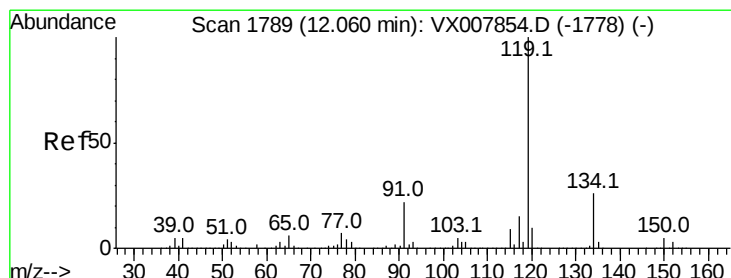
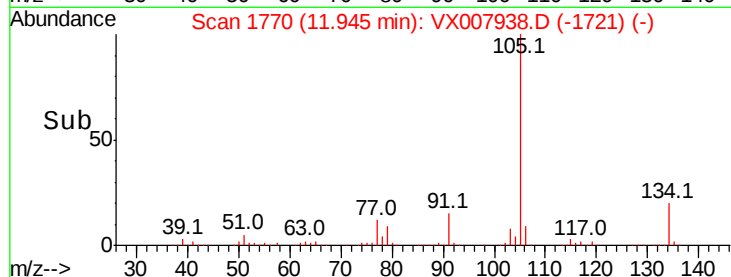
50000

0

11.90

12.00

Time-->



#86

p-Isopropyltoluene

Concen: 20.851 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007938.D

Acq: 08 Mar 2019 18:42

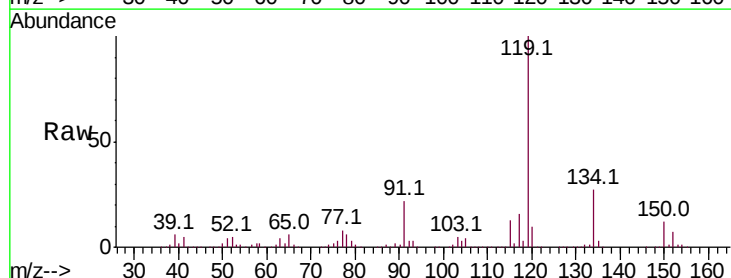
Tgt Ion:119 Resp: 199642

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

91 21.9 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

200000

150000

100000

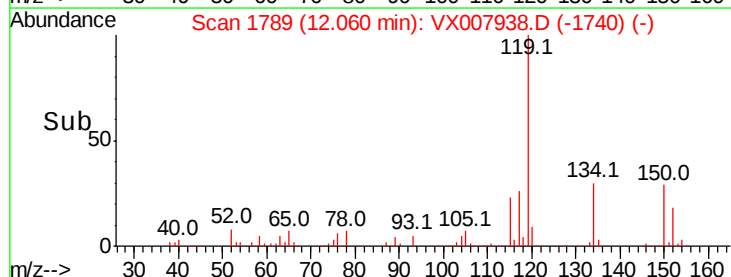
50000

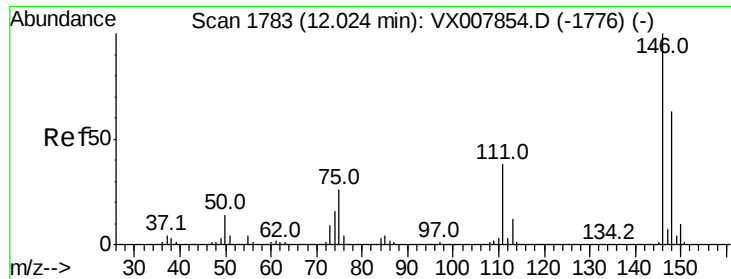
0

12.00

12.10

Time-->





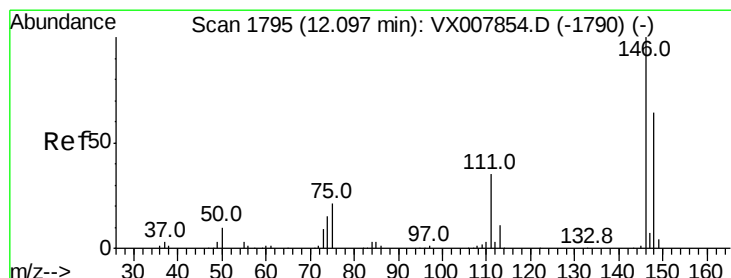
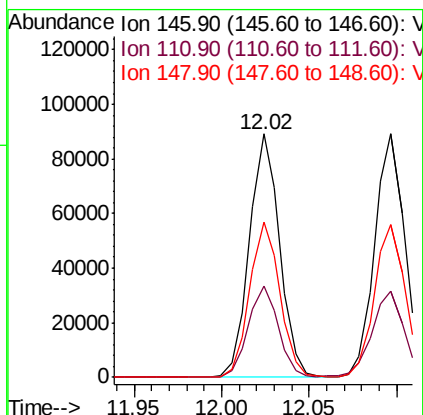
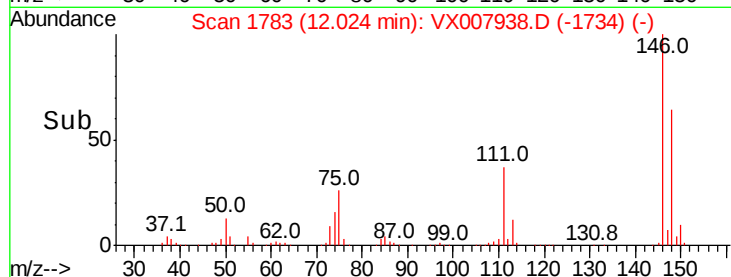
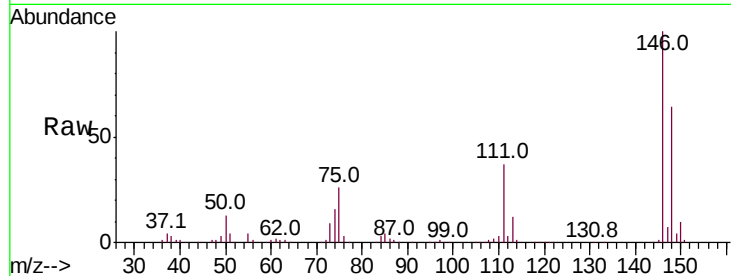
#87
 1,3-Dichlorobenzene
 Concen: 20.128 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007938.D
 Acq: 08 Mar 2019 18:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.9	56.7
148	64.1	31.7	95.1

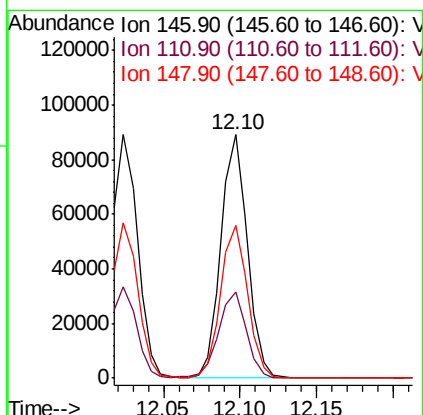
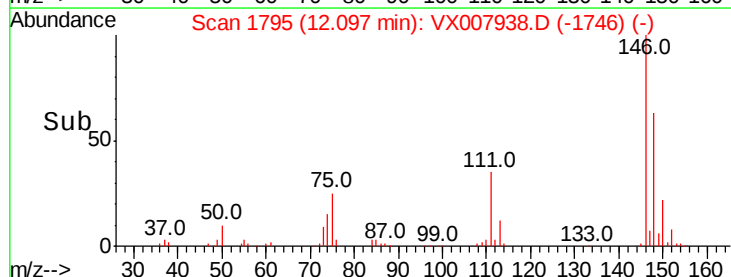
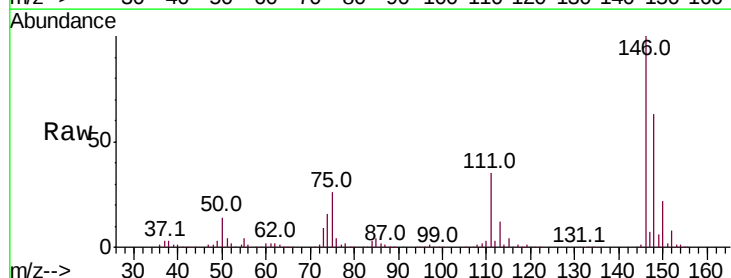
Manual Integrations
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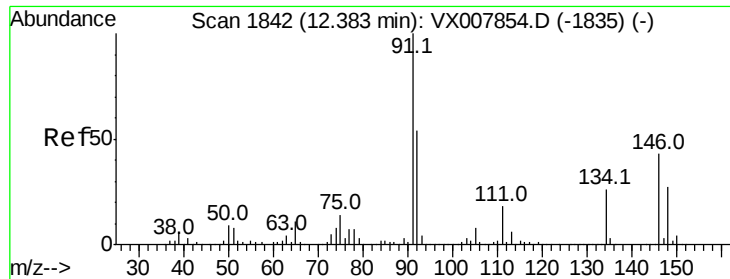
MMDadoda
 3/11/2019 12:02:27 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.689 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007938.D
 Acq: 08 Mar 2019 18:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.4	55.0
148	64.1	32.2	96.6





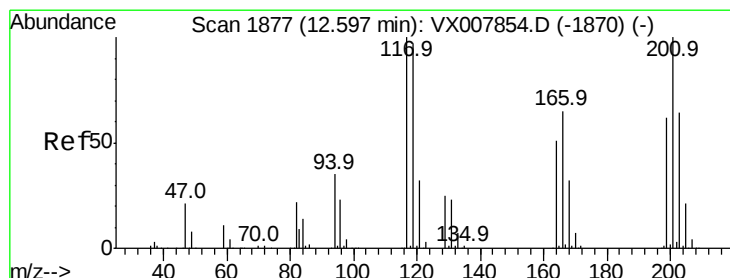
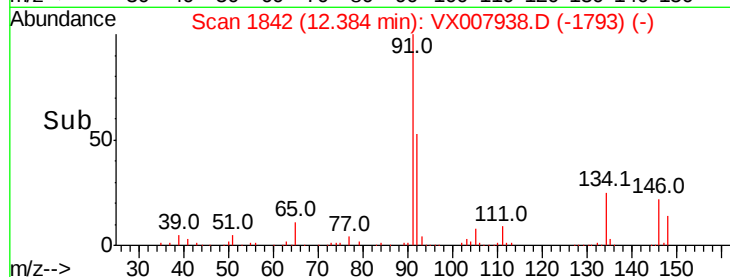
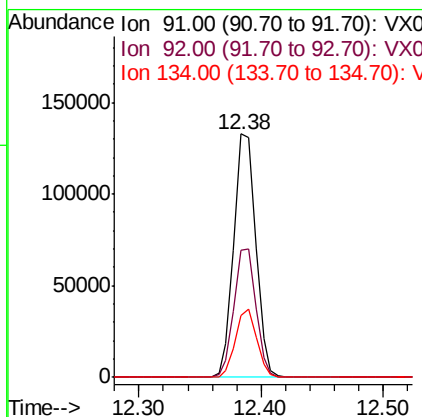
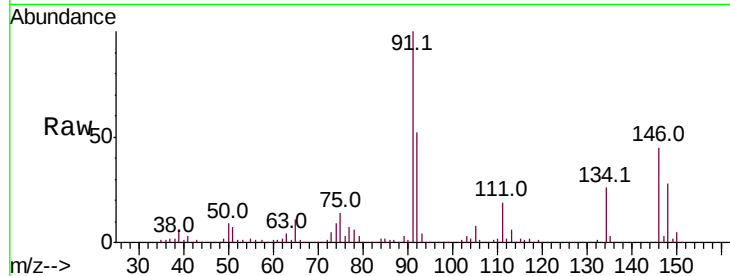
#89
n-Butylbenzene
Concen: 20.382 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX007938.D
Acq: 08 Mar 2019 18:42

Instrument :
MSVOA_X
ClientSampled :
VX0308WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	27.0	80.8
134	26.8	13.7	41.0

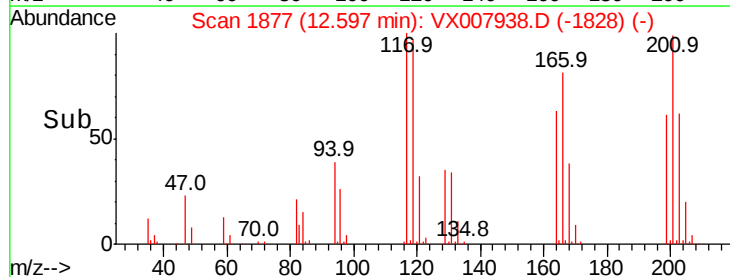
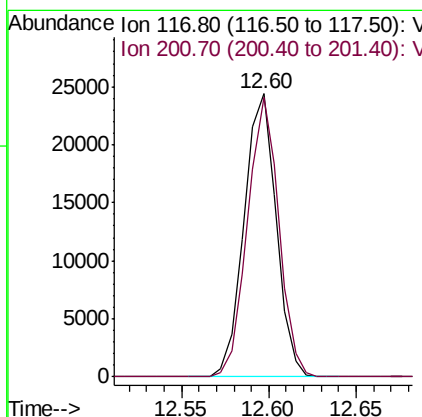
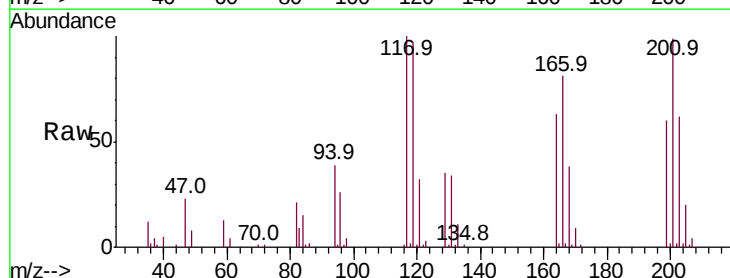
Manual Integrations
APPROVED

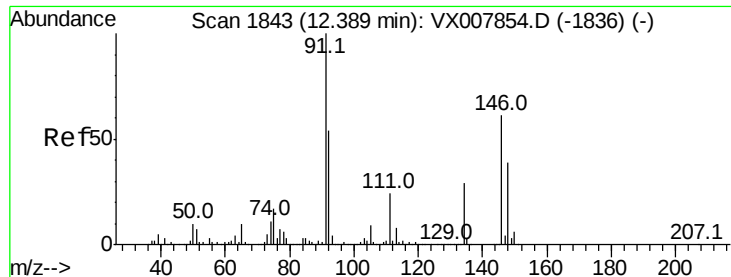
MMDadoda
3/11/2019 12:02:27 PM



#90
Hexachloroethane
Concen: 19.489 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007938.D
Acq: 08 Mar 2019 18:42

Tgt Ion	Ratio	Lower	Upper
117	100		
201	96.1	48.9	146.7





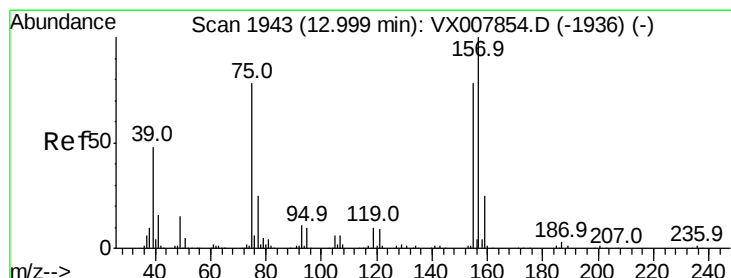
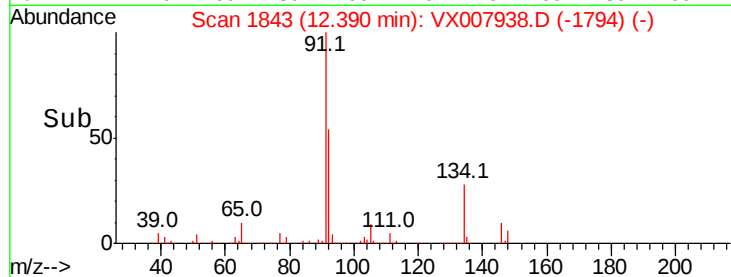
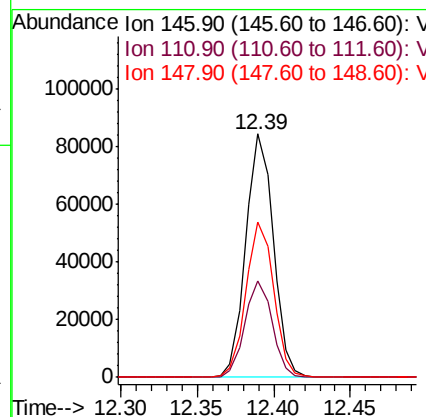
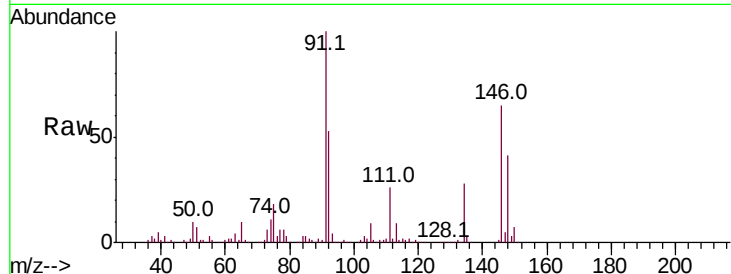
#91
 1,2-Dichlorobenzene
 Concen: 20.083 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007938.D
 Acq: 08 Mar 2019 18:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	105952		
111	39.3	19.6	58.8	
148	64.3	31.9	95.5	

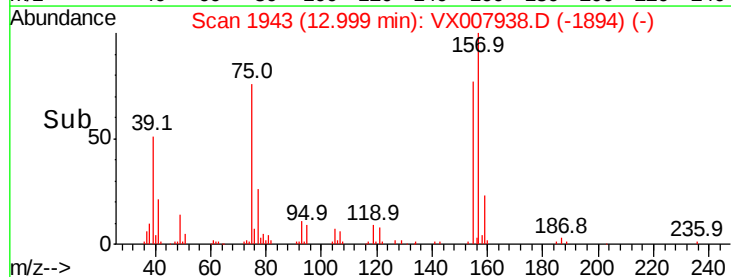
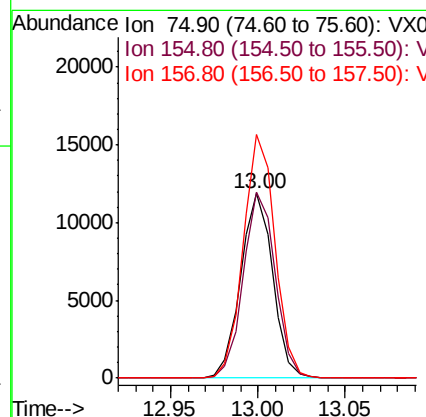
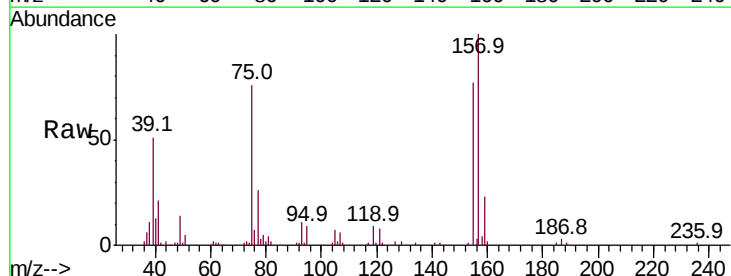
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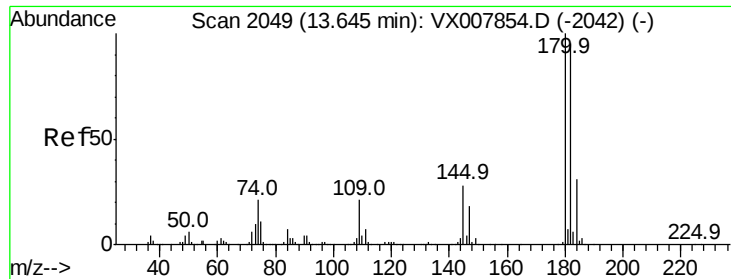
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.158 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007938.D
 Acq: 08 Mar 2019 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	15122		
155	100.4	49.7	149.1	
157	129.8	63.8	191.4	





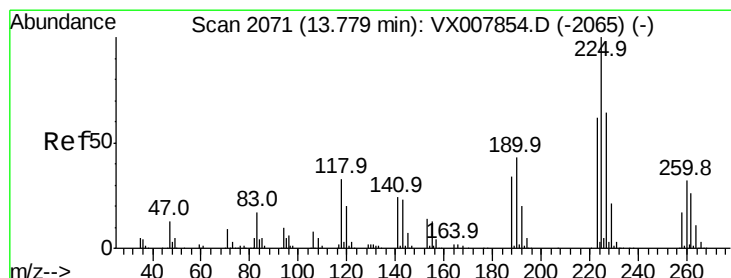
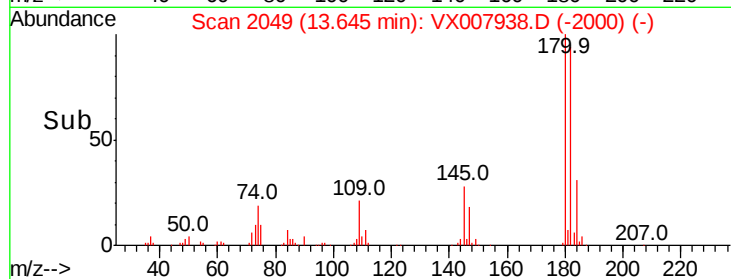
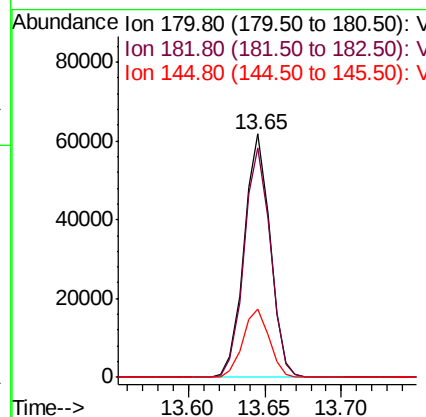
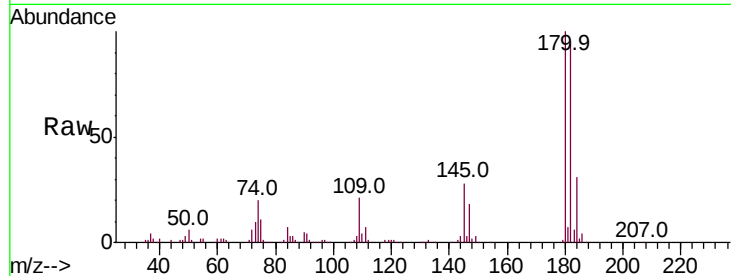
#93
 1,2,4-Trichlorobenzene
 Concen: 19.660 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007938.D
 Acq: 08 Mar 2019 18:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.4	47.9	143.7	
145	28.3	14.1	42.4	

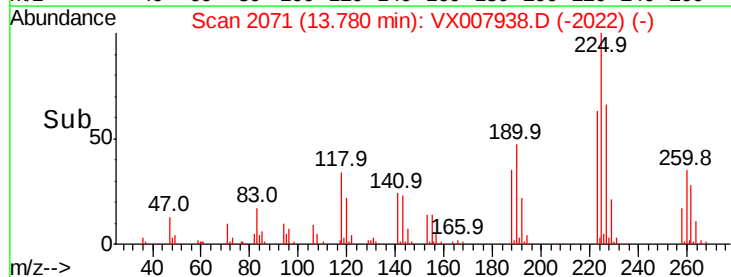
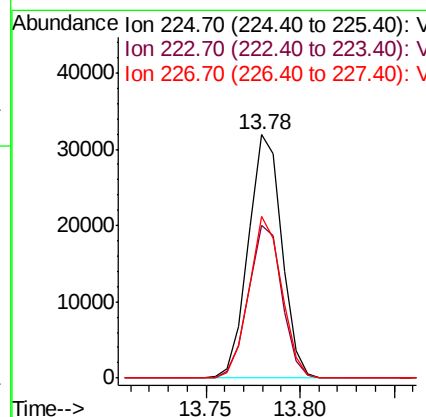
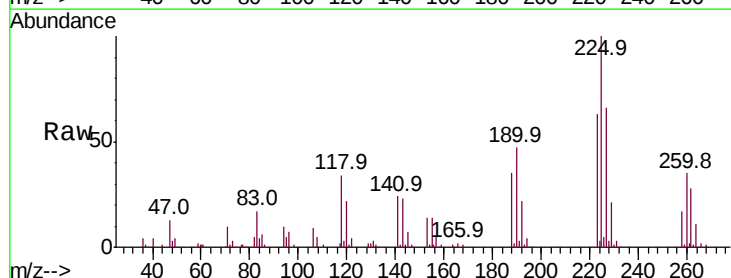
Manual Integrations
 APPROVED

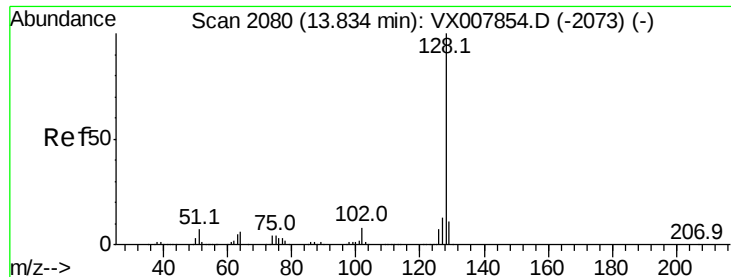
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#94
 Hexachlorobutadiene
 Concen: 20.320 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007938.D
 Acq: 08 Mar 2019 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.6	31.1	93.2	
227	64.7	32.0	96.0	





#95

Naphthalene

Concen: 20.494 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007938.D

Acq: 08 Mar 2019 18:42

Instrument :

MSVOA_X

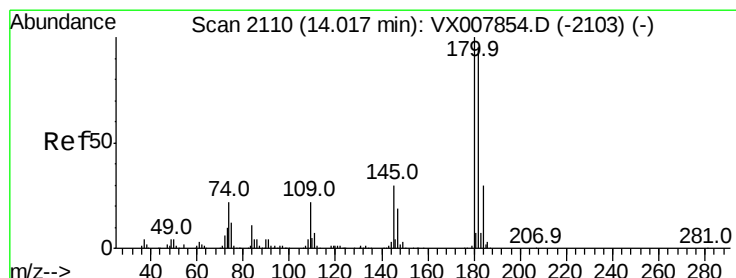
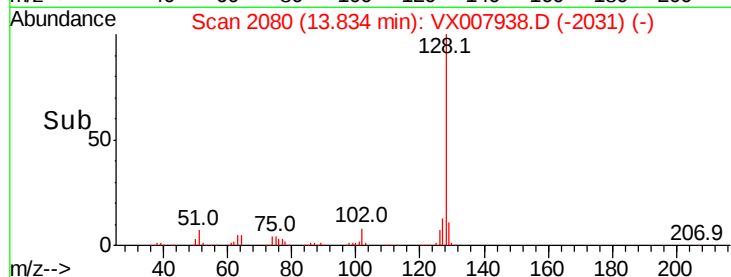
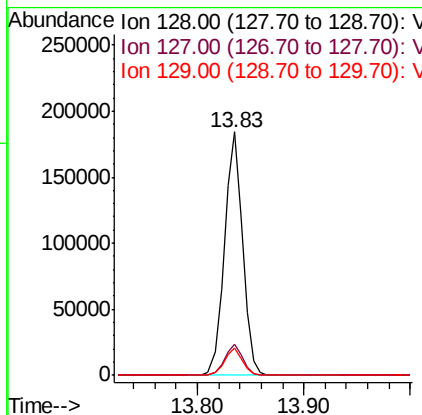
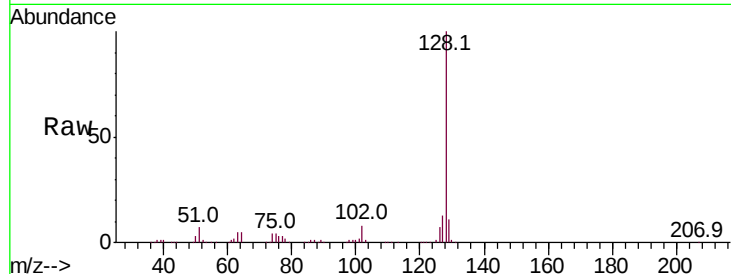
ClientSampleId :

VX0308WBSD02

Tot Ion:	128	Resp:	218855
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.3	15.5
129	11.0	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 20.136 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007938.D

Acq: 08 Mar 2019 18:42

Tgt Ion:	180	Resp:	74344
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.5	142.5
145	29.6	14.8	44.3

