

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061218\
 Data File : VX002466.D
 Acq On : 12 Jun 2018 15:04
 Operator : JC/MD
 Sample : VX0612WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBSD02

Manual Integrations
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 6/13/2018 1:59:36 PM

Quant Time: Jun 13 01:41:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	208358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	305531	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	293570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	179414	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	140087	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	
35) Dibromofluoromethane	5.51	113	106398	44.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.56%	
50) Toluene-d8	8.72	98	398131	43.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.46%	
62) 4-Bromofluorobenzene	11.14	95	147942	41.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.32%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	39658	18.310	ug/l	95
3) Chloromethane	1.32	50	48369	17.631	ug/l	98
4) Vinyl Chloride	1.41	62	54075	19.809	ug/l	99
5) Bromomethane	1.64	94	31170	18.044	ug/l	98
6) Chloroethane	1.73	64	34900	19.764	ug/l	97
7) Trichlorofluoromethane	1.93	101	92435	22.224	ug/l	96
8) Diethyl Ether	2.19	74	34325	21.876	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	52540	23.409	ug/l	99
10) Methyl Iodide	2.51	142	47508	15.049	ug/l	98
11) Tert butyl alcohol	3.07	59	70275	103.485	ug/l	97
12) 1,1-Dichloroethene	2.37	96	46621	21.018	ug/l	98
13) Acrolein	2.30	56	24828	77.179	ug/l	98
14) Allyl chloride	2.73	41	92874	19.294	ug/l	97
15) Acrylonitrile	3.15	53	149050	112.200	ug/l	99
16) Acetone	2.45	43	150660	106.574	ug/l	98
17) Carbon Disulfide	2.57	76	99220	16.972	ug/l	98
18) Methyl Acetate	2.78	43	74096	23.387	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	181842	22.213	ug/l	100
20) Methylene Chloride	2.86	84	54624	21.618	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	48364	19.772	ug/l	98
22) Diisopropyl ether	3.88	45	161748	19.198	ug/l	96
23) Vinyl Acetate	3.83	43	701870	89.943	ug/l	99
24) 1,1-Dichloroethane	3.70	63	95095	19.988	ug/l	100
25) 2-Butanone	4.71	43	187035	91.552	ug/l	99
26) 2,2-Dichloropropane	4.59	77	64222	17.269	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	49647	18.663	ug/l	98
28) Bromochloromethane	5.03	49	41140	18.058	ug/l	99
29) Tetrahydrofuran	5.17	42	119751	90.916	ug/l	99
30) Chloroform	5.22	83	88123	19.195	ug/l	99
31) Cyclohexane	5.58	56	71458	18.994	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	74393	19.107	ug/l	99
36) 1,1-Dichloropropene	5.81	75	61232	19.063	ug/l	98
37) Ethyl Acetate	4.87	43	73609	19.056	ug/l	99
38) Carbon Tetrachloride	5.79	117	63956	19.033	ug/l	100

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0612WBSD02

Manual Integrations
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Quant Time: Jun 13 01:41:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	72577	18.456	ug/l	98
40) Benzene	6.15	78	187888	19.078	ug/l	98
41) Methacrylonitrile	5.07	41	42209	19.088	ug/l	99
42) 1,2-Dichloroethane	6.20	62	75898	19.397	ug/l	100
43) Isopropyl Acetate	6.47	43	119265	18.178	ug/l	99
44) Trichloroethene	7.22	130	52826	19.327	ug/l	99
45) 1,2-Dichloropropane	7.52	63	49132	18.479	ug/l	97
46) Dibromomethane	7.67	93	33683	18.688	ug/l	98
47) Bromodichloromethane	7.90	83	60389	18.525	ug/l	97
48) Methyl methacrylate	7.78	41	63195	19.175	ug/l	98
49) 1,4-Dioxane	7.76	88	24061	390.469	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	398291	97.481	ug/l	100
52) Toluene	8.79	92	120368	19.216	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	71286	18.236	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	64364	17.452	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	49997	19.407	ug/l	97
56) Ethyl methacrylate	9.19	69	75497	18.355	ug/l	98
57) 1,3-Dichloropropane	9.38	76	83993	19.434	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	182751	95.999	ug/l	99
59) 2-Hexanone	9.50	43	304336	96.433	ug/l	99
60) Dibromochloromethane	9.59	129	47526	18.341	ug/l	100
61) 1,2-Dibromoethane	9.68	107	51677	19.238	ug/l	100
64) Tetrachloroethene	9.34	164	56938	18.806	ug/l	98
65) Chlorobenzene	10.14	112	138996	19.028	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	48860	18.473	ug/l	99
67) Ethyl Benzene	10.26	91	236245	19.325	ug/l	99
68) m/p-Xylenes	10.37	106	180582	38.001	ug/l	100
69) o-Xylene	10.70	106	88787	18.775	ug/l	99
70) Styrene	10.72	104	145987	18.883	ug/l	98
71) Bromoform	10.86	173	34556	17.036	ug/l #	97
73) Isopropylbenzene	11.02	105	243495	19.509	ug/l	100
74) N-amyl acetate	6.47	43	119265	17.734	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	76314	19.441	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	74539m	18.934	ug/l	
77) Bromobenzene	11.26	156	65521	18.700	ug/l	99
78) n-propylbenzene	11.37	91	278710	20.091	ug/l	100
79) 2-Chlorotoluene	11.43	91	163361	18.650	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	206523	19.292	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	16922	15.067	ug/l	85
82) 4-Chlorotoluene	11.51	91	194539	19.241	ug/l	99
83) tert-Butylbenzene	11.77	119	202156	19.392	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	213967	19.417	ug/l	100
85) sec-Butylbenzene	11.95	105	252502	20.661	ug/l	98
86) p-Isopropyltoluene	12.07	119	221911	19.935	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	119637	19.096	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	121753	18.854	ug/l	99
89) n-Butylbenzene	12.39	91	195314	20.921	ug/l	99
90) Hexachloroethane	12.60	117	30599	17.220	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	122543	18.905	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15191	17.697	ug/l	98

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD02

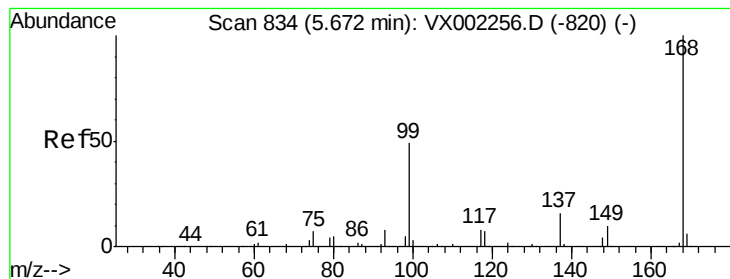
Manual Integrations
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Quant Time: Jun 13 01:41:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	86086	18.940	ug/l	100
94) Hexachlorobutadiene	13.79	225	48444	21.569	ug/l	98
95) Naphthalene	13.84	128	250344	19.170	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	89558	19.320	ug/l	99

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



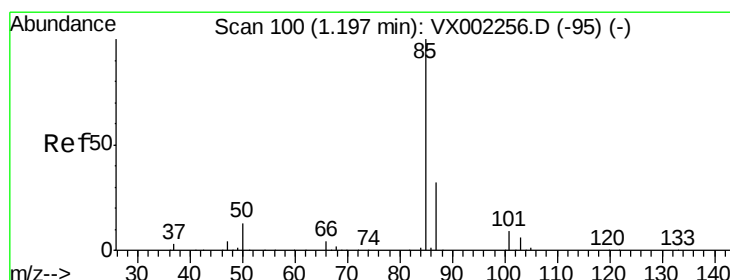
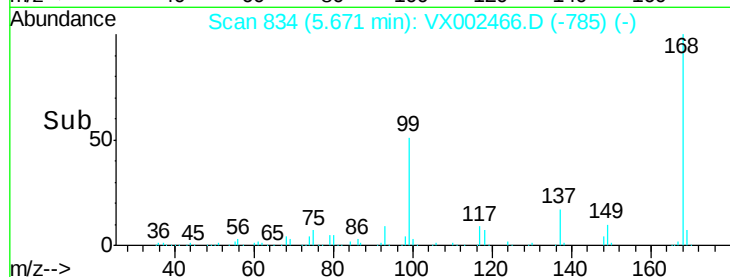
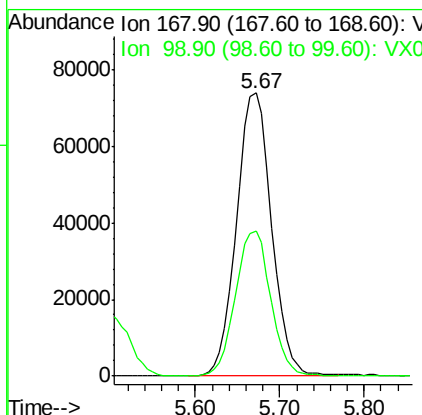
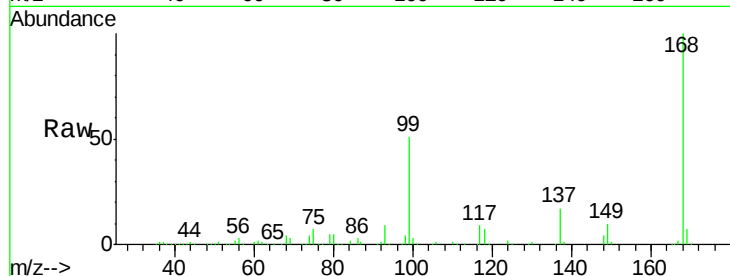
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX002466.D
Acq: 12 Jun 2018 15:04

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD02

Tot Ion	Ion	Ratio	Lower	Upper
168	100			
99	51.0	39.3	58.9	

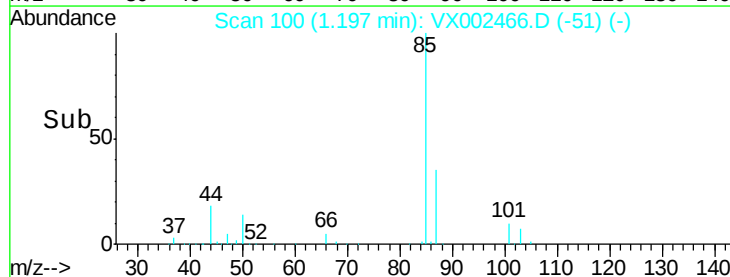
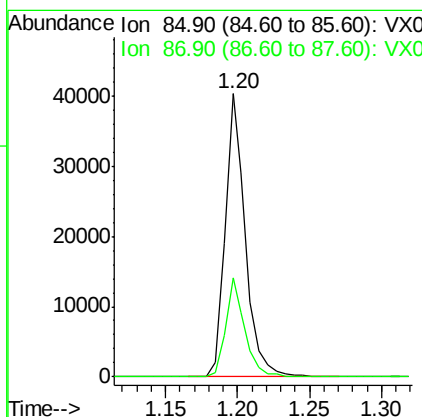
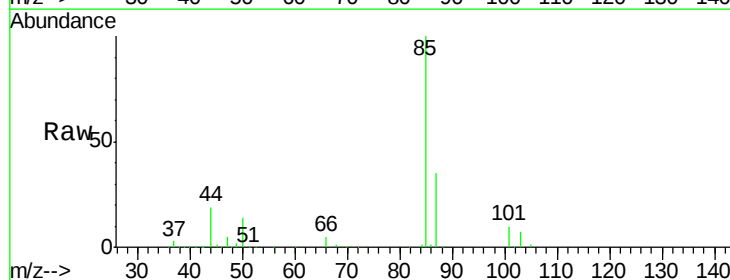
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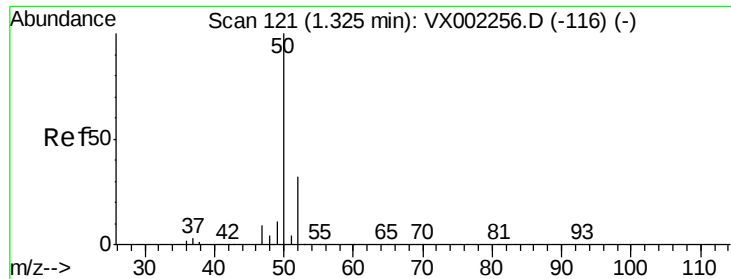
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#2
Dichlorodifluoromethane
Concen: 18.310 ug/l
RT: 1.20 min Scan# 100
Delta R.T. -0.00 min
Lab File: VX002466.D
Acq: 12 Jun 2018 15:04

Tgt Ion	Ion	Ratio	Lower	Upper
85	100			
87	34.9	16.0	47.9	





#3

Chloromethane

Concen: 17.631 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002466.D

Acq: 12 Jun 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD02

Tot Ion: 50 Resp: 48369

Ion Ratio Lower Upper

50 100

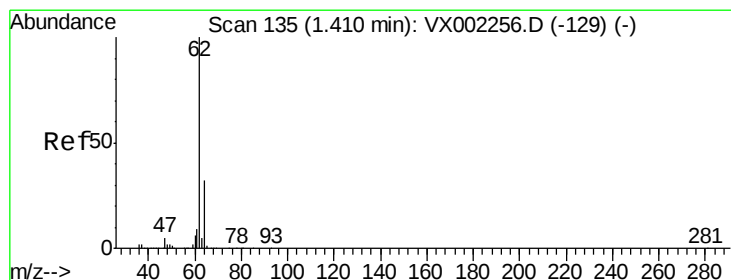
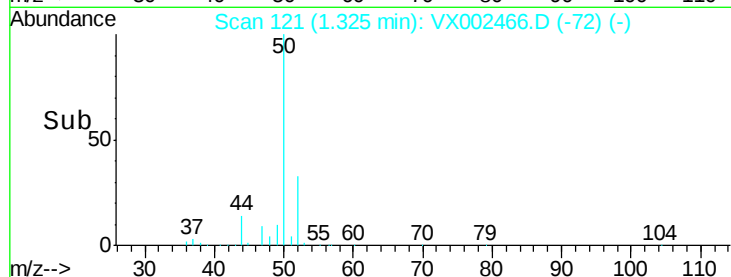
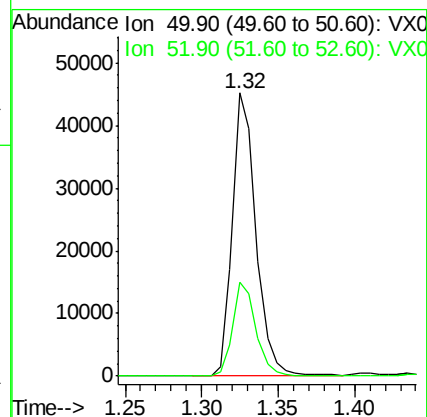
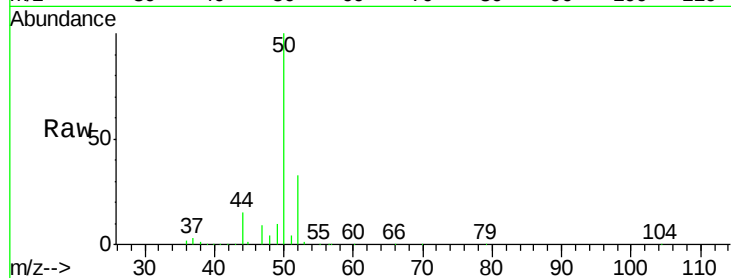
52 33.0 25.7 38.5

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#4

Vinyl Chloride

Concen: 19.809 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002466.D

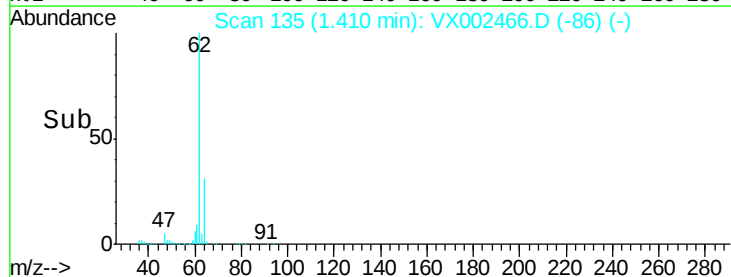
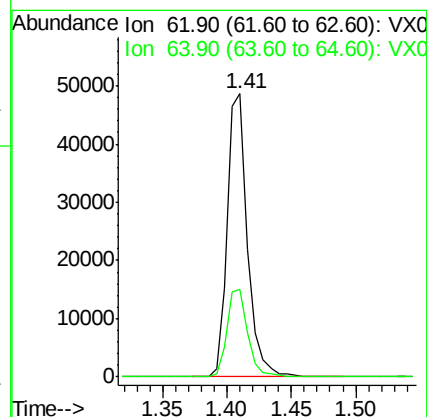
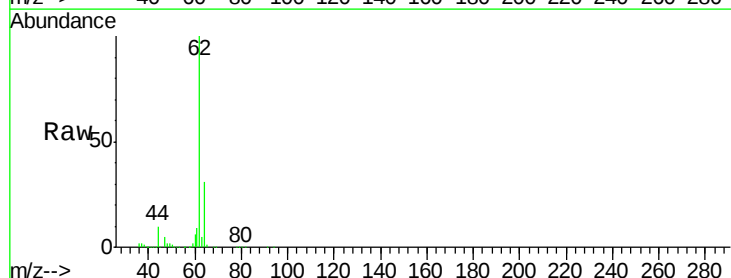
Acq: 12 Jun 2018 15:04

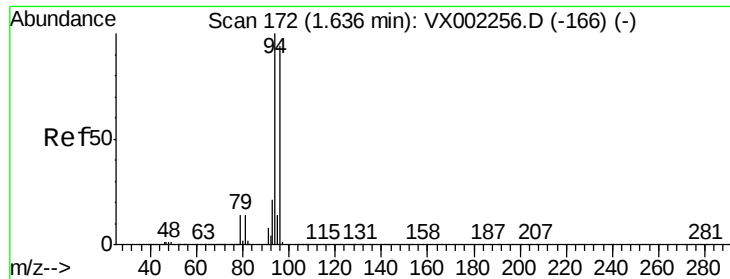
Tgt Ion: 62 Resp: 54075

Ion Ratio Lower Upper

62 100

64 31.0 25.4 38.2





#5

Bromomethane

Concen: 18.044 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002466.D

Acq: 12 Jun 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD02

Tot Ion: 94 Resp: 31170

Ion Ratio Lower Upper

94 100

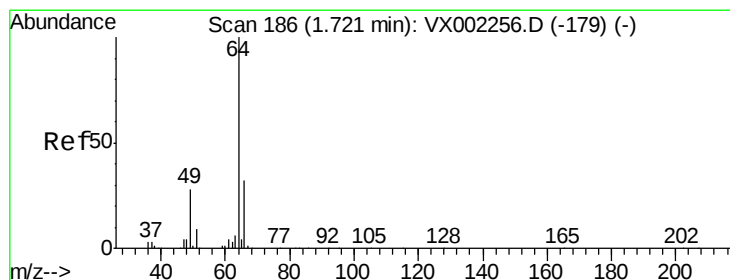
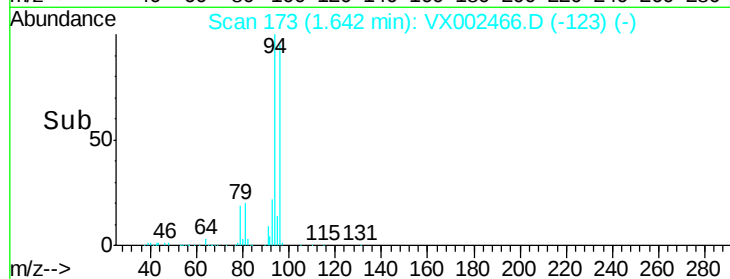
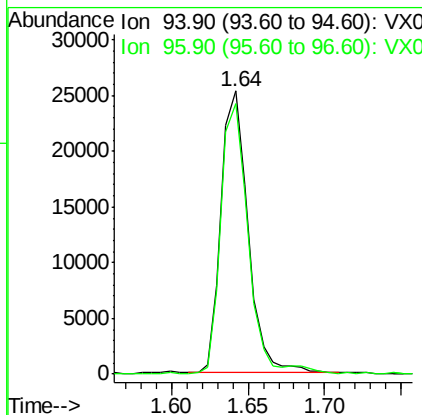
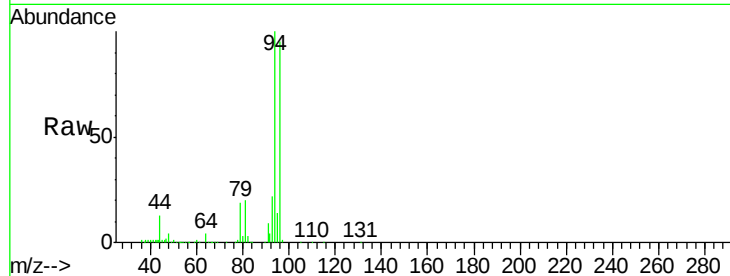
96 95.5 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 19.764 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002466.D

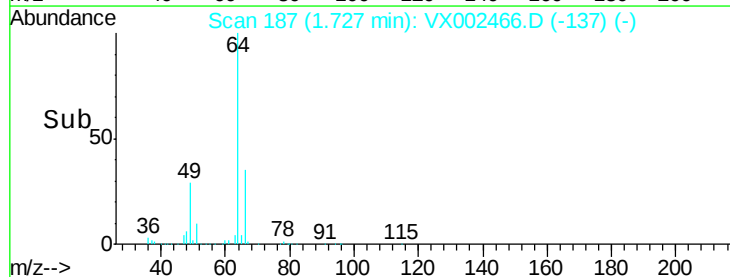
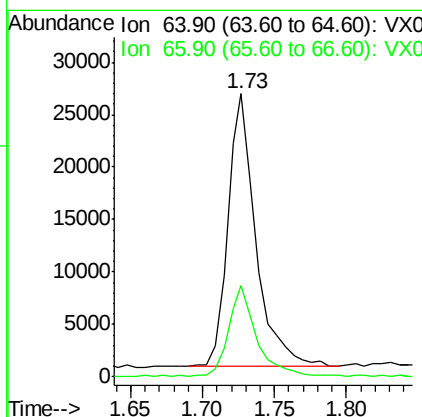
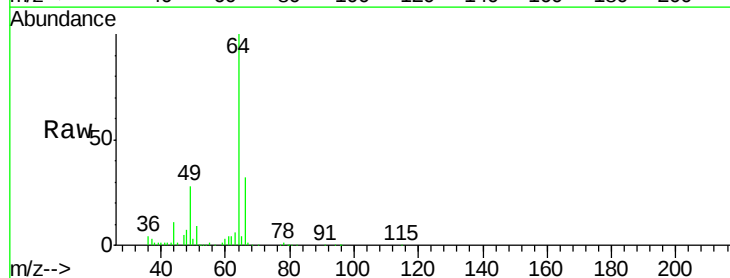
Acq: 12 Jun 2018 15:04

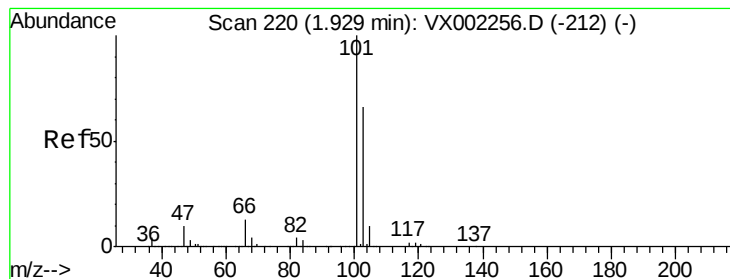
Tgt Ion: 64 Resp: 34900

Ion Ratio Lower Upper

64 100

66 33.3 25.5 38.3





#7

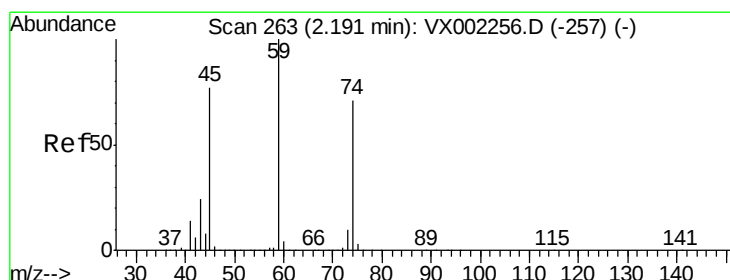
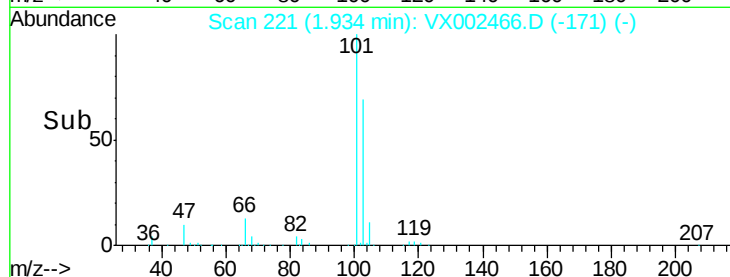
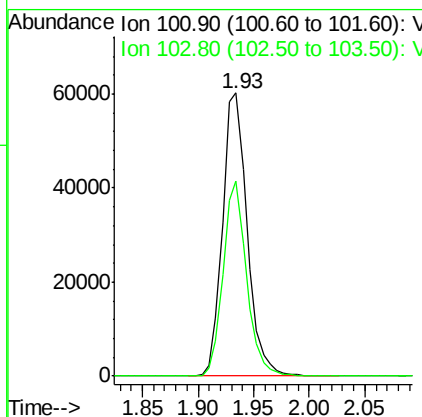
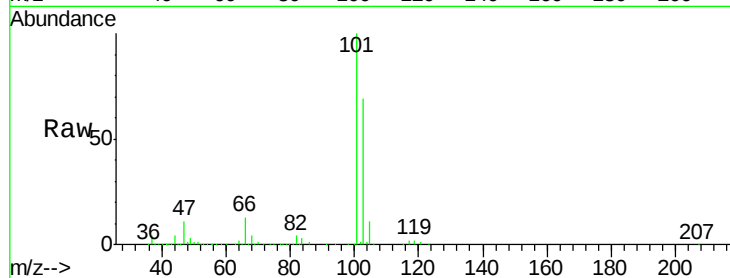
Trichlorofluoromethane
 Concen: 22.224 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX002466.D
 Acq: 12 Jun 2018 15:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	69.0	52.8	79.2

Manual Integrations
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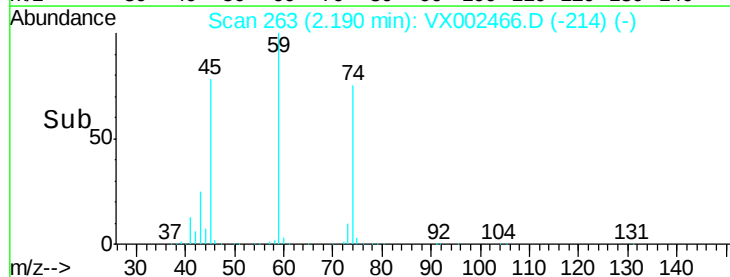
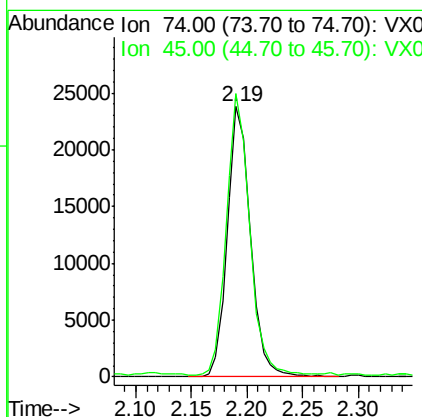
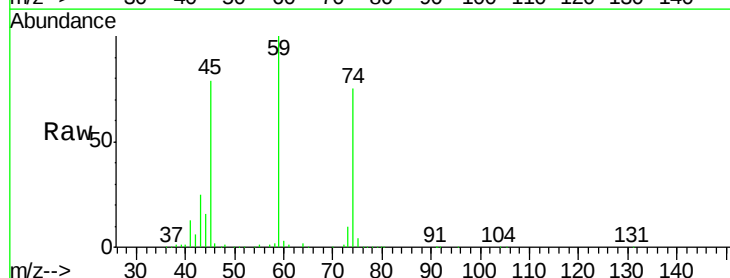
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 6/13/2018 1:59:36 PM

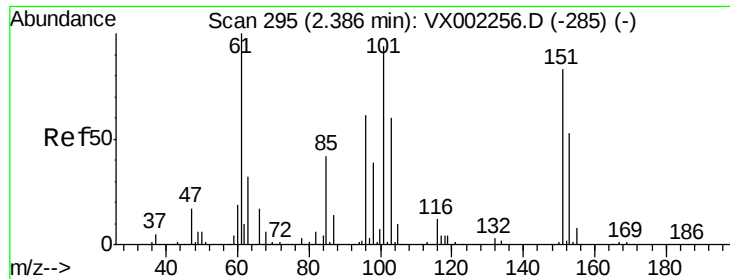


#8

Diethyl Ether
 Concen: 21.876 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002466.D
 Acq: 12 Jun 2018 15:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.3	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.409 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002466.D

Acq: 12 Jun 2018 15:04

Instrument :

MSVOA_X

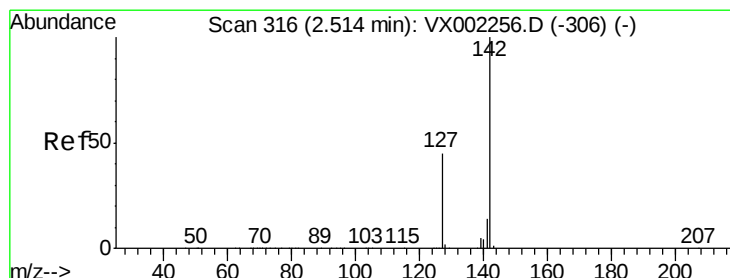
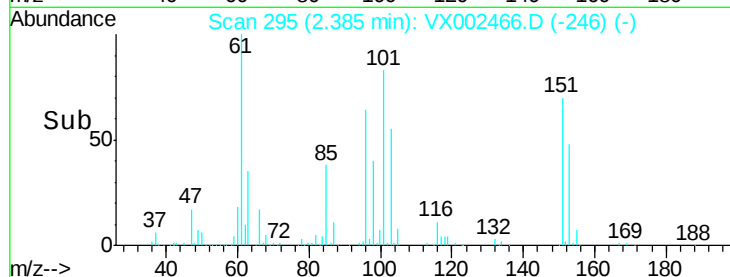
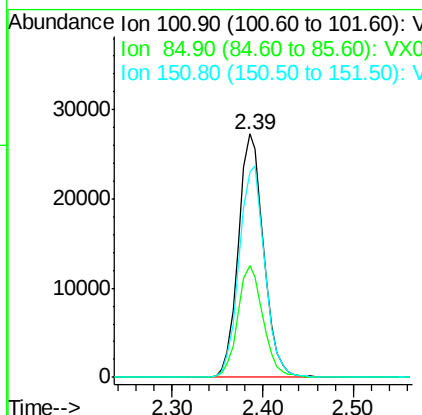
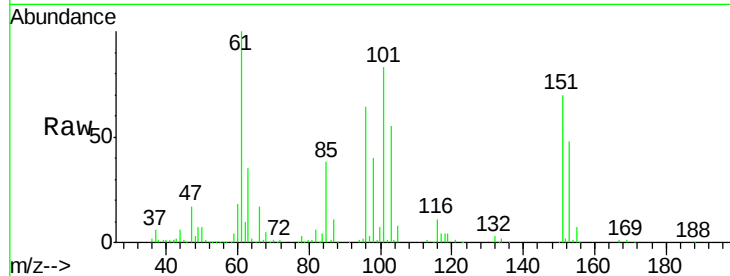
ClientSampleId :

VX0612WBSD02

Tot Ion:	101	Resp:	52540
Ion Ratio	Lower	Upper	
101	100		
85	46.1	36.0	54.0
151	88.9	70.9	106.3

Manual Integrations
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6/13/2018 1:59:36 PM



#10

Methyl Iodide

Concen: 15.049 ug/l

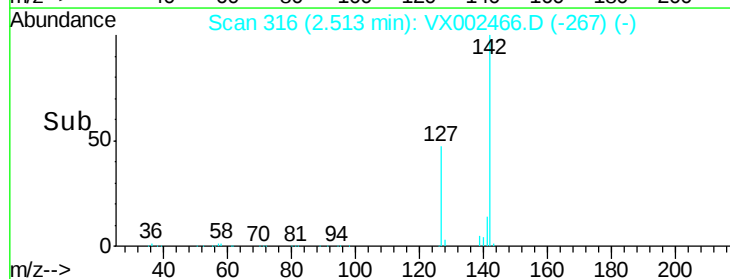
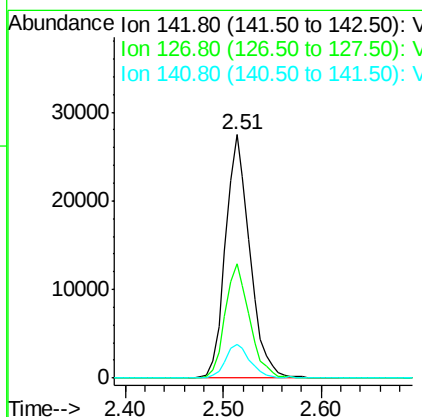
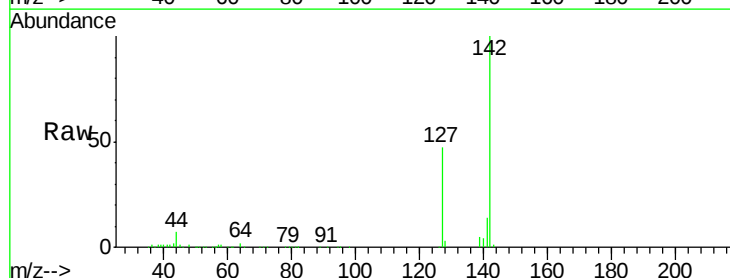
RT: 2.51 min Scan# 316

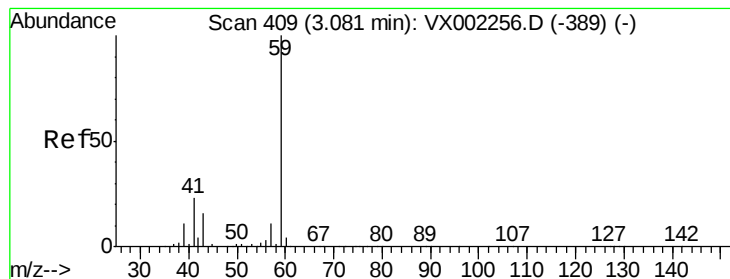
Delta R.T. -0.00 min

Lab File: VX002466.D

Acq: 12 Jun 2018 15:04

Tgt Ion:	142	Resp:	47508
Ion Ratio	Lower	Upper	
142	100		
127	47.0	36.6	55.0
141	14.3	11.3	16.9





#11

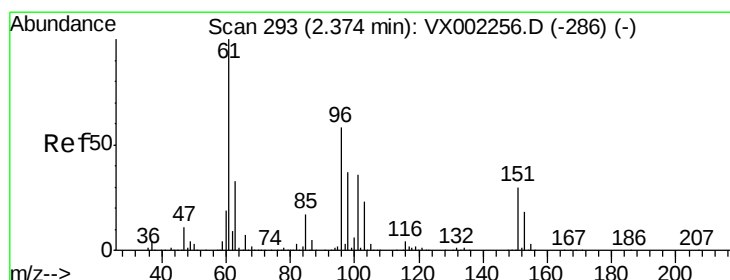
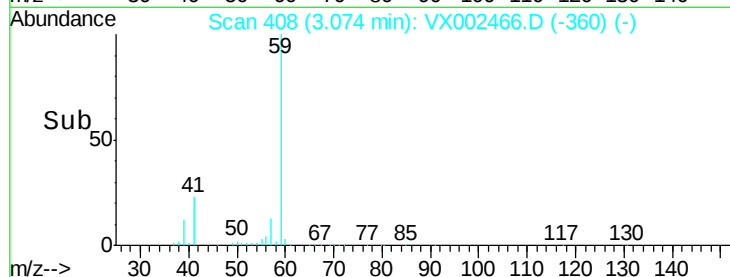
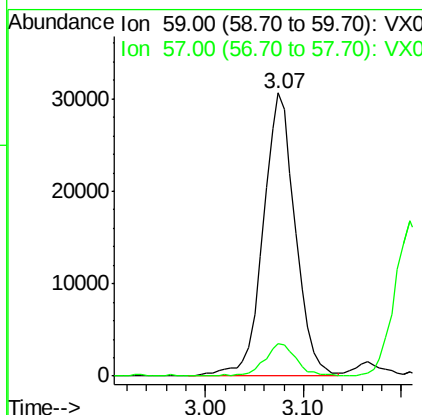
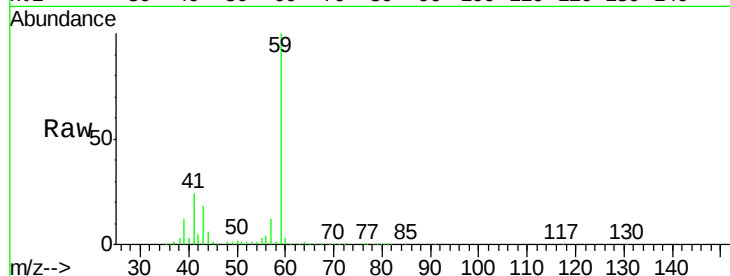
Tert butyl alcohol
Concen: 103.485 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002466.D
Acq: 12 Jun 2018 15:04

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD02

Tot Ion	59	Resp	70275
Ion Ratio	100	Lower	Upper
57	11.4	8.2	12.2

Manual Integrations
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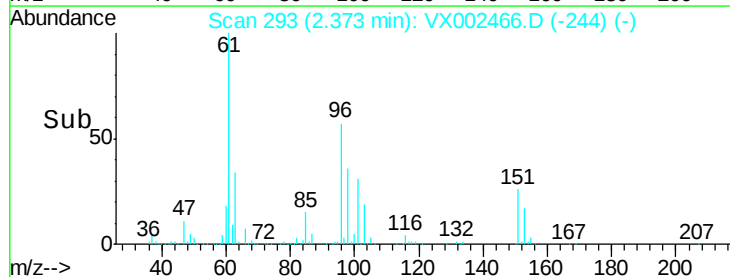
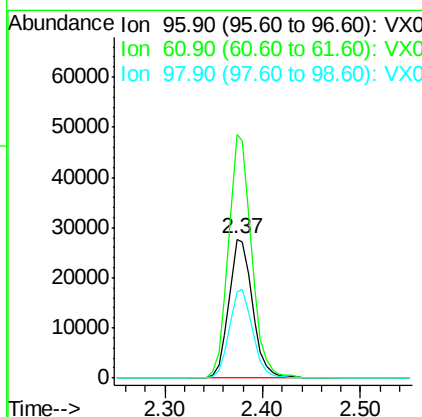
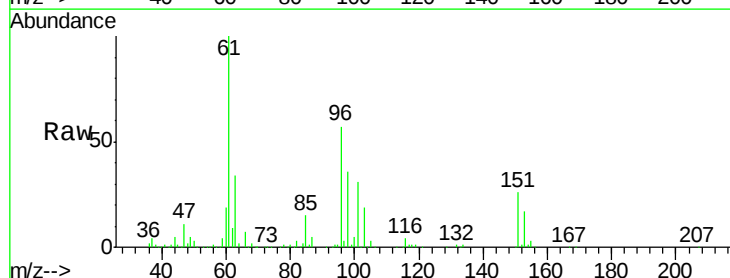
MMDadoda
6/13/2018 1:59:36 PM

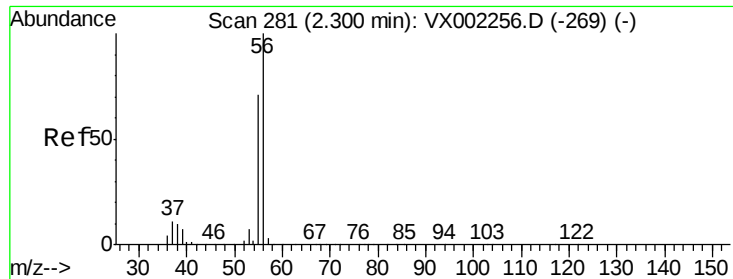


#12

1,1-Dichloroethene
Concen: 21.018 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002466.D
Acq: 12 Jun 2018 15:04

Tgt Ion	96	Resp	46621
Ion Ratio	100	Lower	Upper
61	175.3	137.9	206.9
98	62.5	51.6	77.4





#13

Acrolein

Concen: 77.179 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002466.D

Acq: 12 Jun 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD02

Tot Ion: 56 Resp: 24828

Ion Ratio Lower Upper

56 100

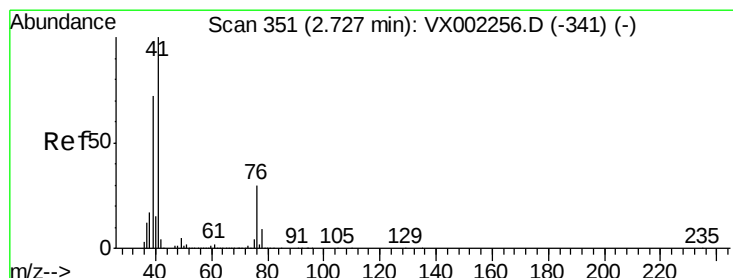
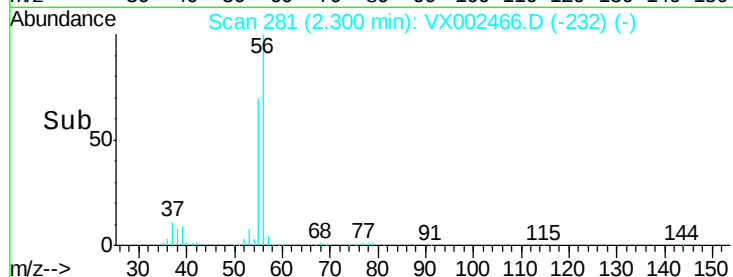
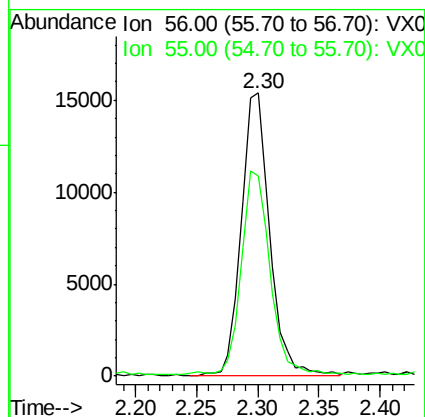
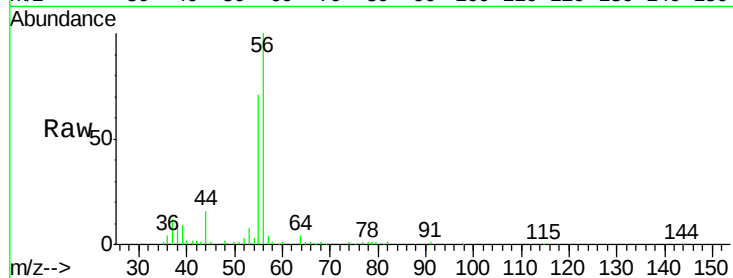
55 72.5 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 19.294 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX002466.D

Acq: 12 Jun 2018 15:04

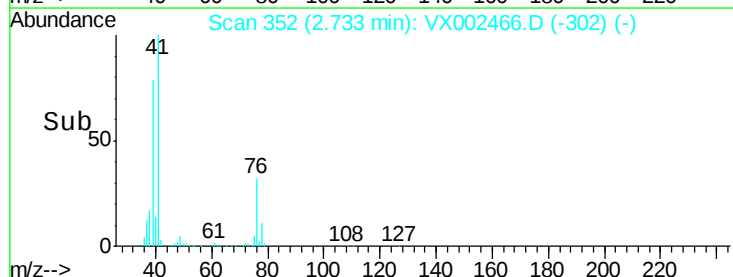
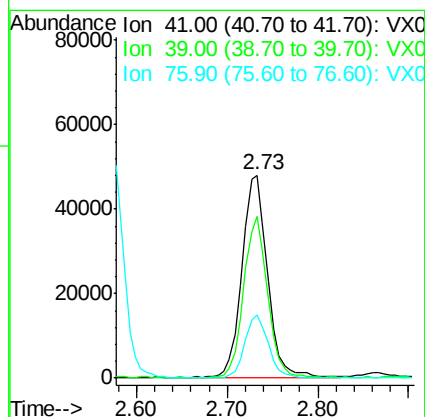
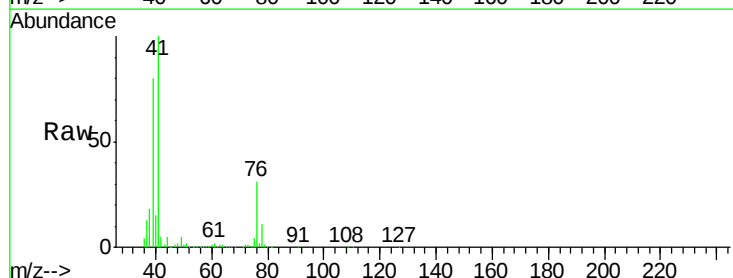
Tgt Ion: 41 Resp: 92874

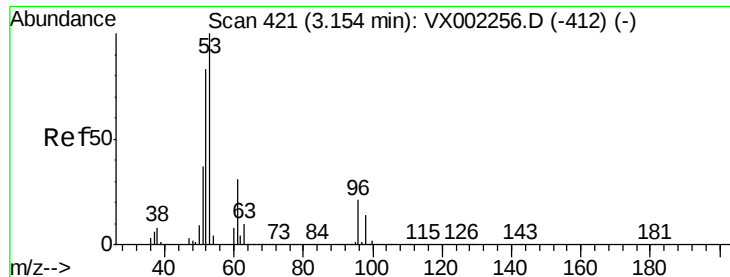
Ion Ratio Lower Upper

41 100

39 74.4 56.8 85.2

76 29.1 23.8 35.8





#15

Acrylonitrile

Concen: 112.200 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002466.D

Acq: 12 Jun 2018 15:04

Instrument :

MSVOA_X

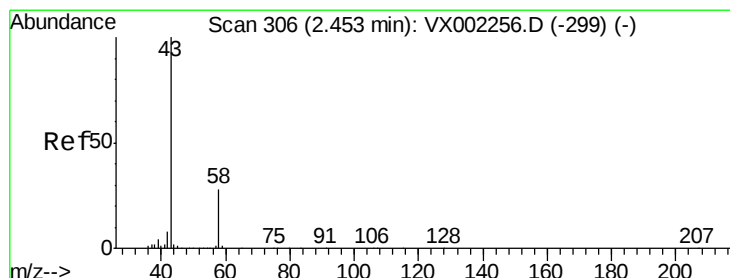
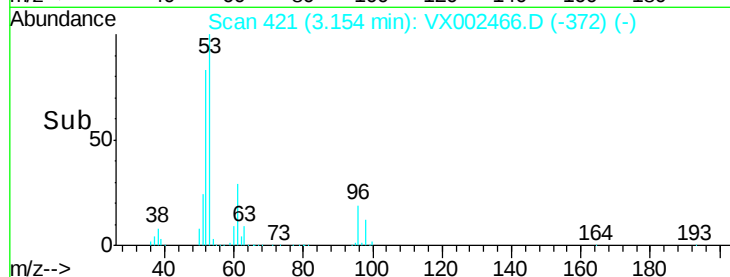
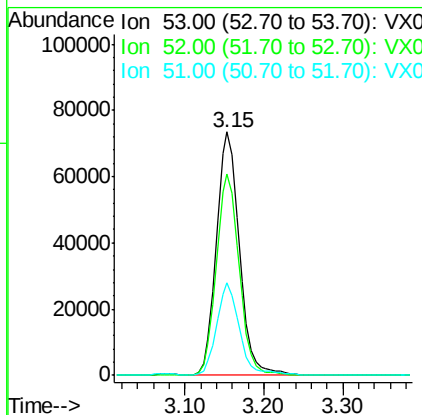
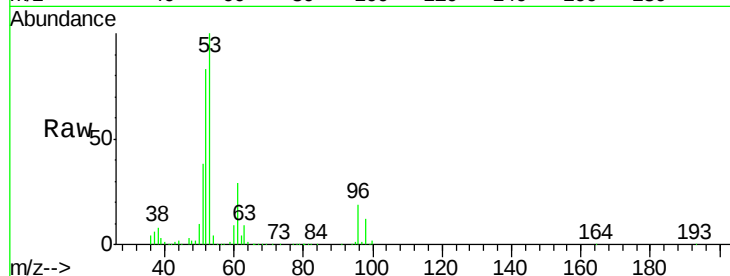
ClientSampleId :

VX0612WBSD02

Tot Ion:	53	Resp:	149050
Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.7	100.1
51	37.3	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 106.574 ug/l

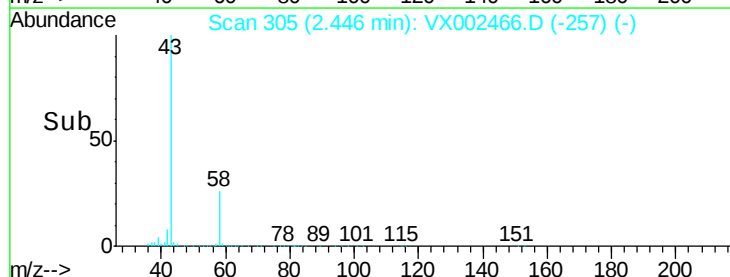
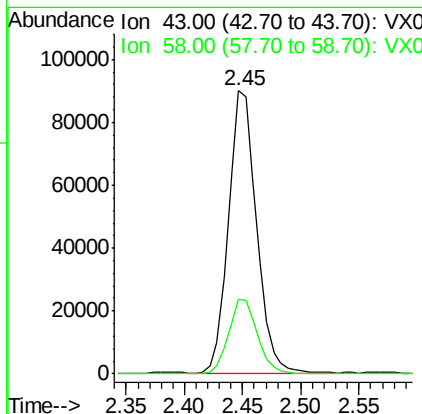
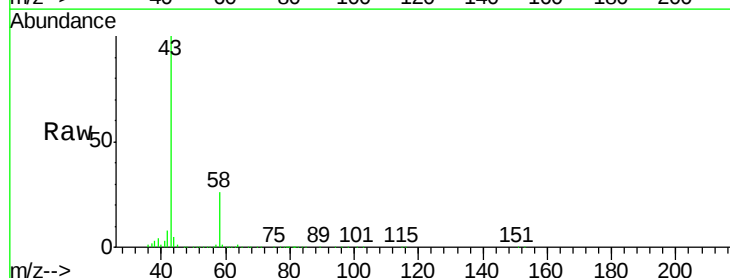
RT: 2.45 min Scan# 305

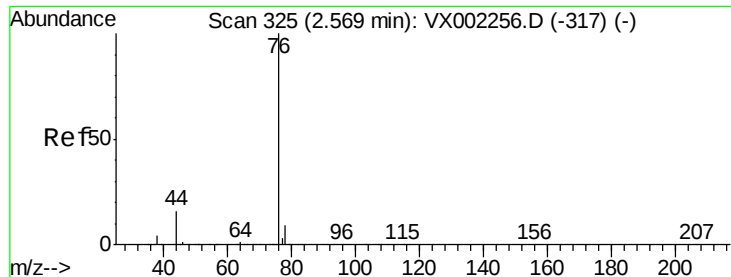
Delta R.T. -0.01 min

Lab File: VX002466.D

Acq: 12 Jun 2018 15:04

Tgt Ion:	43	Resp:	150660
Ion	Ratio	Lower	Upper
43	100		
58	26.4	22.1	33.1





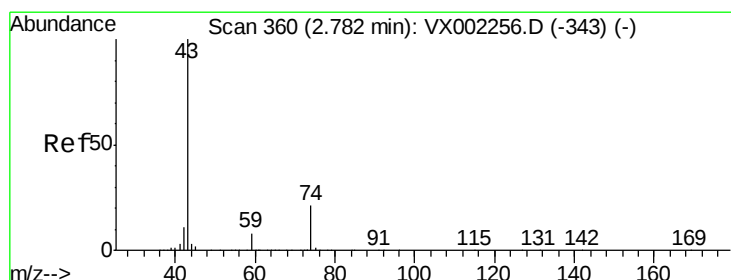
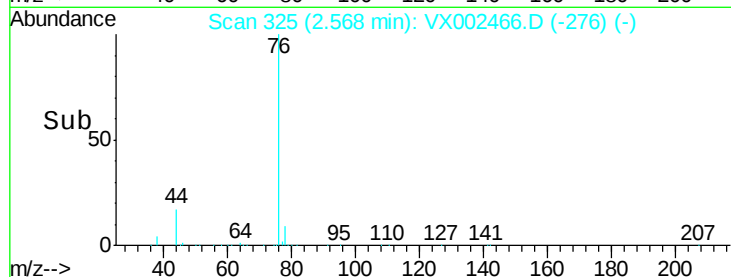
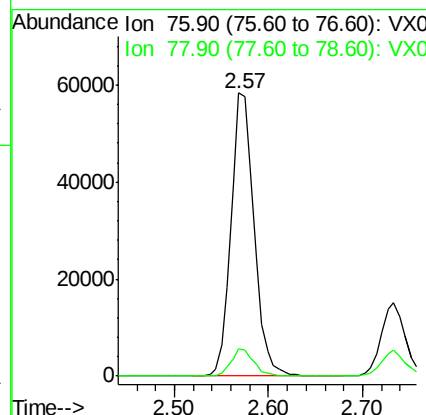
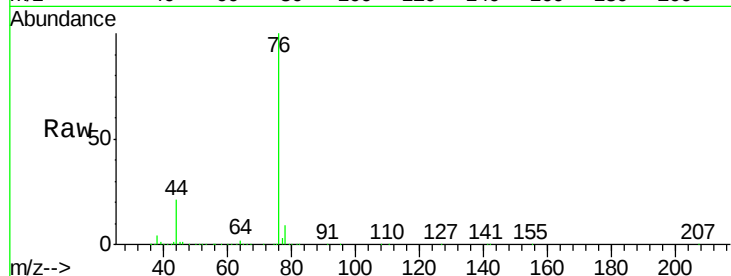
#17
Carbon Disulfide
Concen: 16.972 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002466.D
Acq: 12 Jun 2018 15:04

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	6.9	10.3

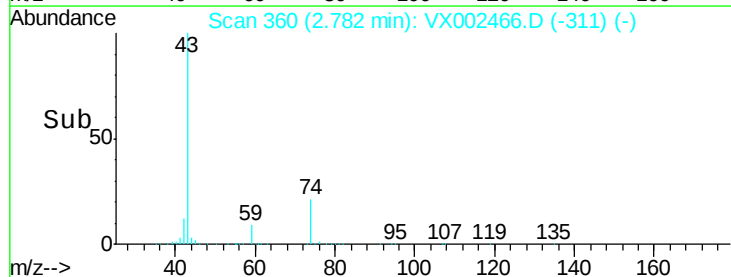
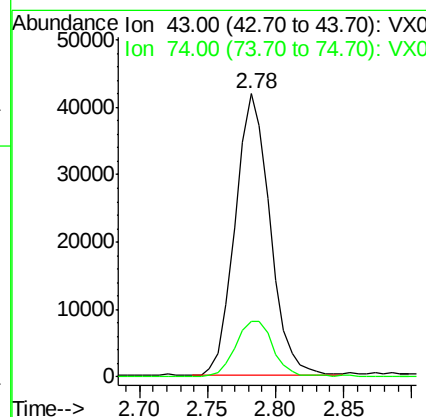
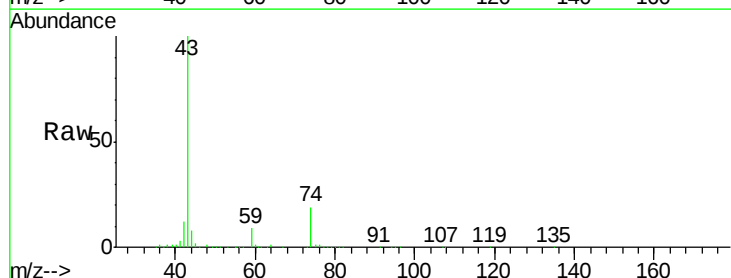
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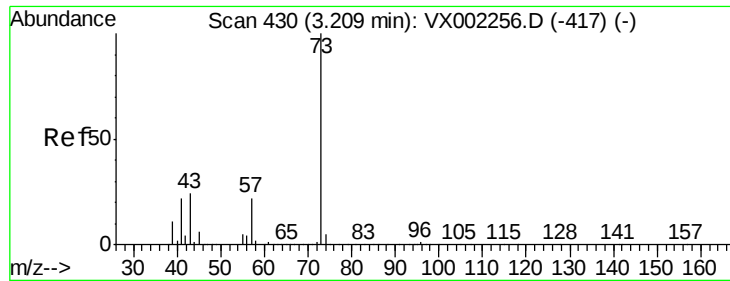
MMDadoda
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#18
Methyl Acetate
Concen: 23.387 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002466.D
Acq: 12 Jun 2018 15:04

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.2	16.7	25.1





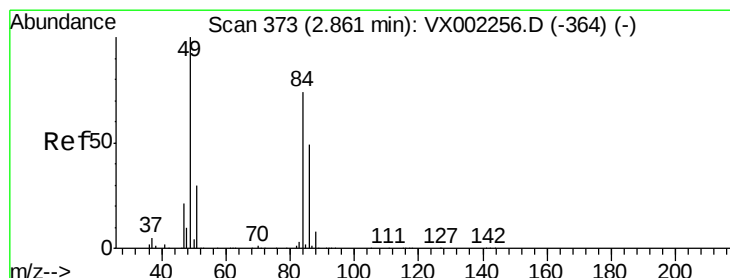
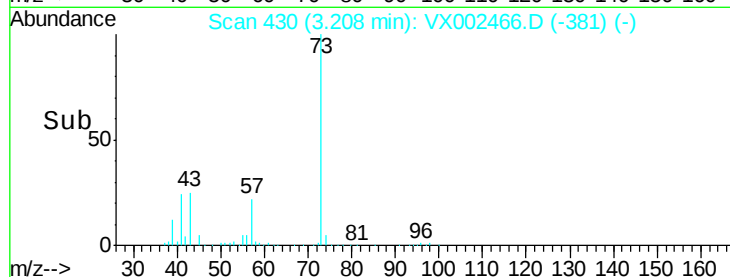
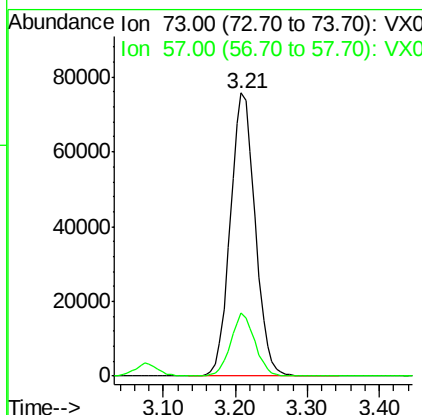
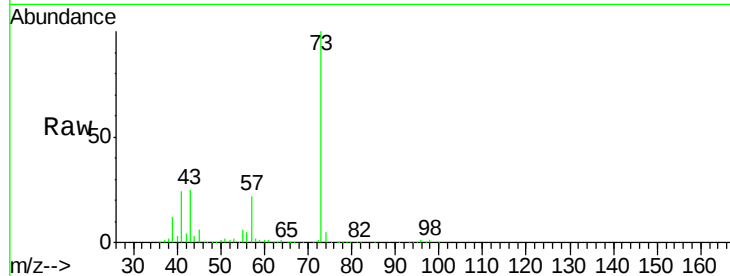
#19
Methyl tert-butyl Ether
Concen: 22.213 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002466.D
Acq: 12 Jun 2018 15:04

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.7	26.5

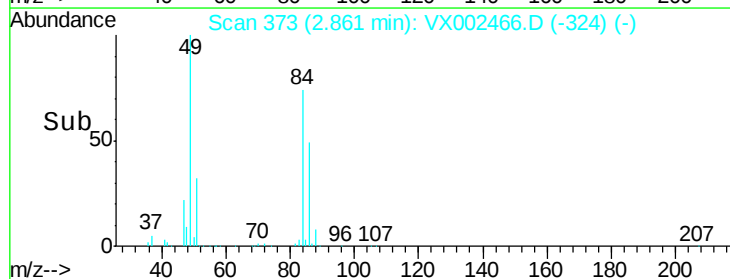
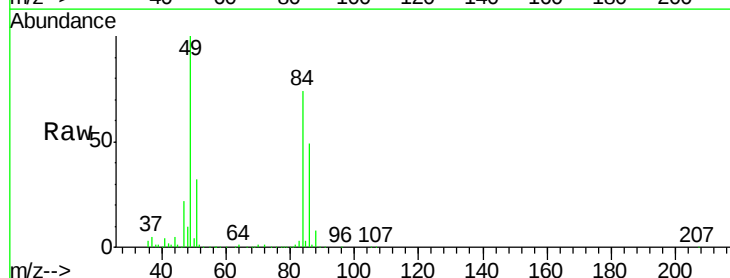
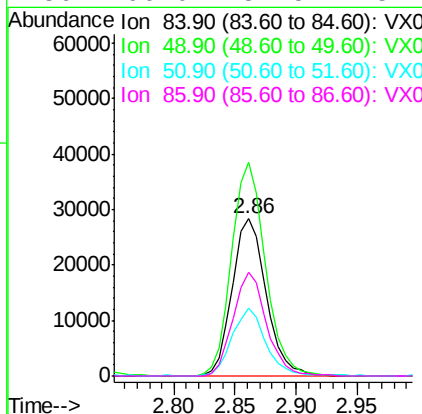
Manual Integrations
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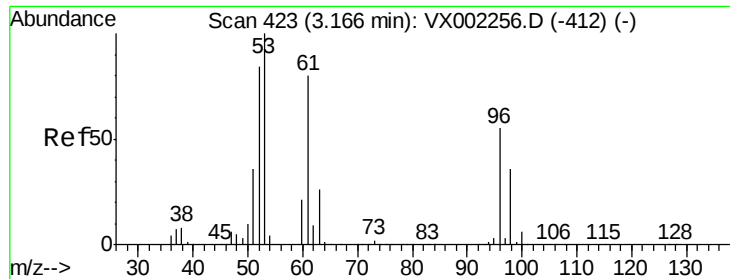
MMDadoda
6/13/2018 1:59:36 PM



#20
Methylene Chloride
Concen: 21.618 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002466.D
Acq: 12 Jun 2018 15:04

Tgt Ion	Ratio	Lower	Upper
84	100		
49	135.5	107.8	161.6
51	43.3	32.8	49.2
86	66.0	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 19.772 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002466.D

Acq: 12 Jun 2018 15:04

Instrument :

MSVOA_X

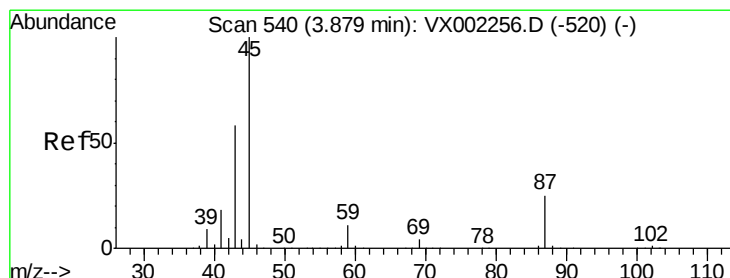
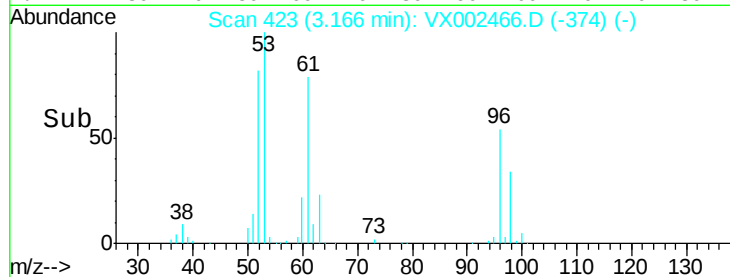
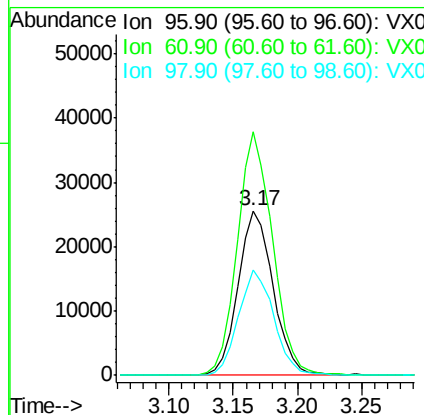
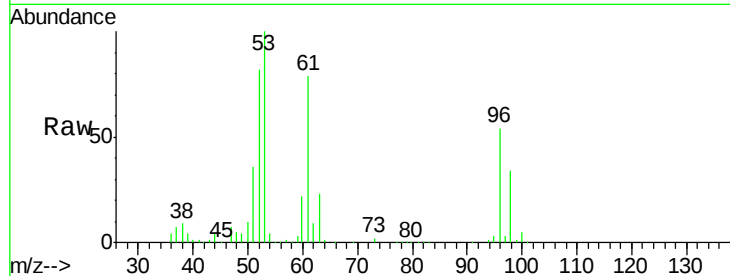
ClientSampleId :

VX0612WBSD02

Tot Ion:	96	Resp:	48364
Ion	Ratio	Lower	Upper
96	100		
61	147.8	117.0	175.4
98	63.6	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.198 ug/l

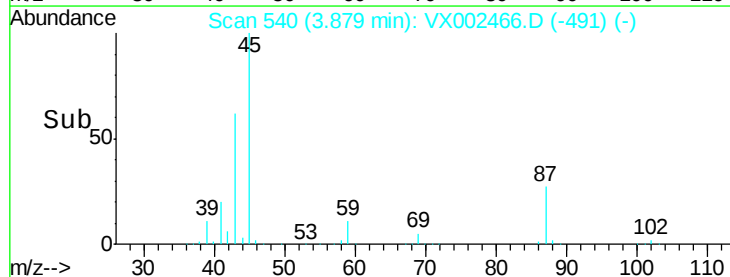
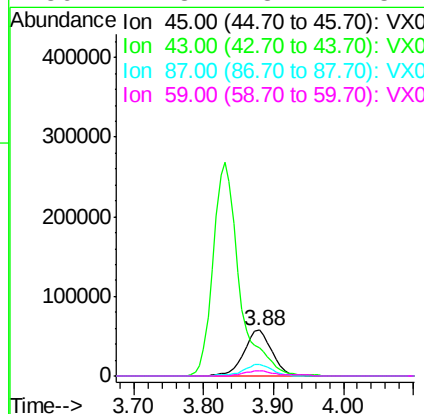
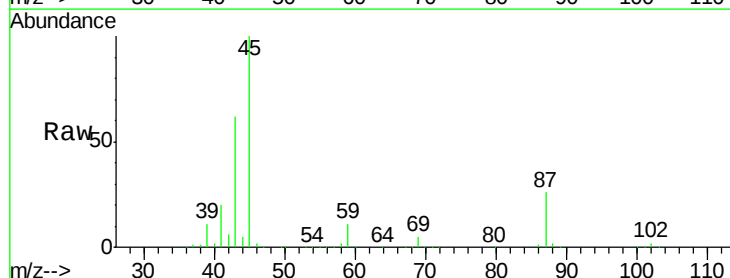
RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002466.D

Acq: 12 Jun 2018 15:04

Tgt Ion:	45	Resp:	161748
Ion	Ratio	Lower	Upper
45	100		
43	61.9	46.8	70.2
87	26.5	20.2	30.4
59	11.3	8.7	13.1





#23

Vinyl Acetate

Concen: 89.943 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002466.D

Acq: 12 Jun 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD02

Tot Ion: 43 Resp: 701870

Ion Ratio Lower Upper

43 100

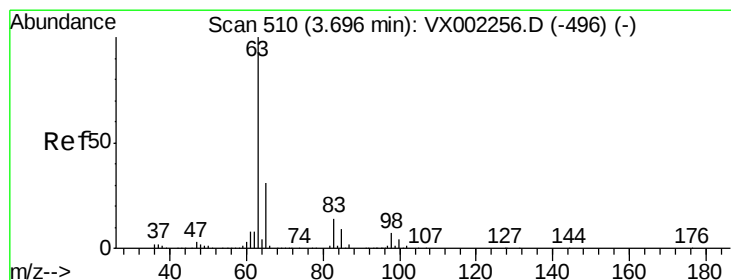
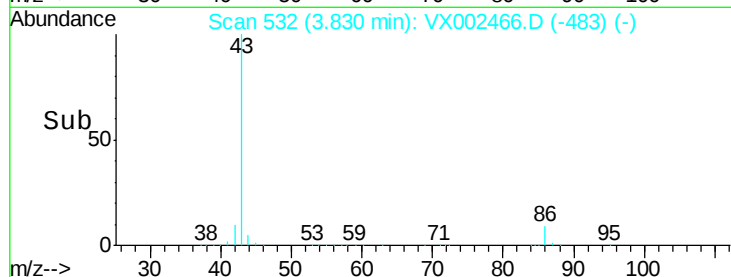
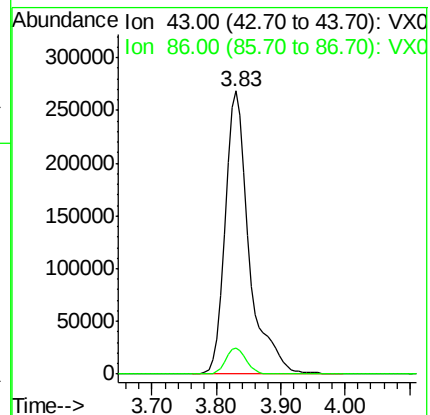
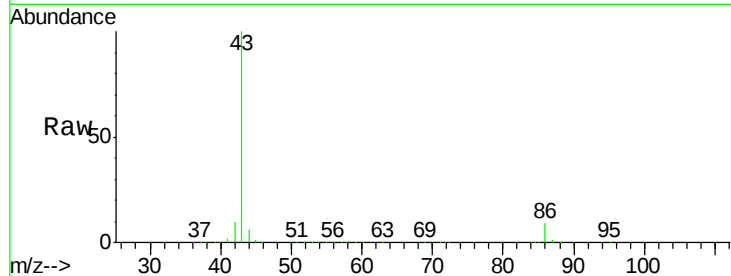
86 9.4 7.4 11.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.988 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002466.D

Acq: 12 Jun 2018 15:04

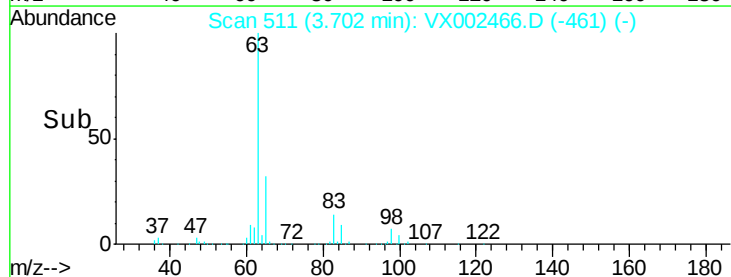
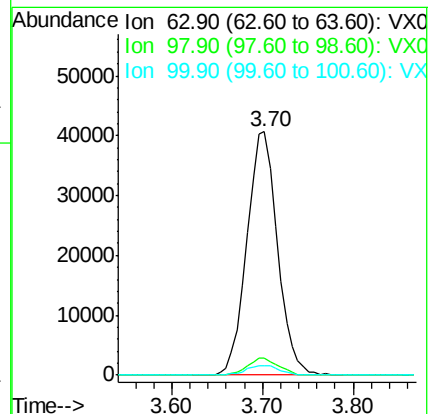
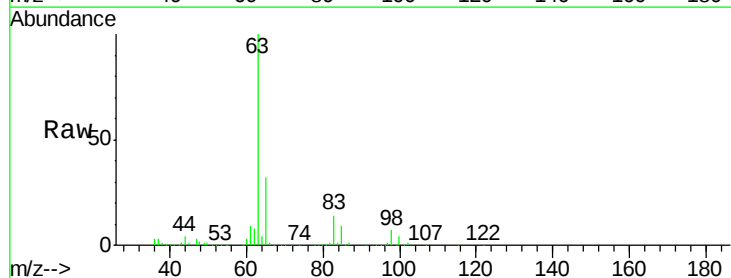
Tgt Ion: 63 Resp: 95095

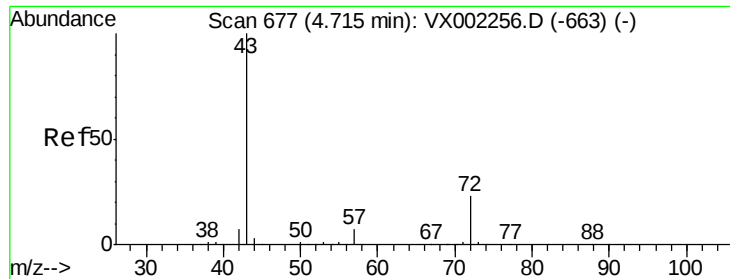
Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

100 4.0 2.0 6.0





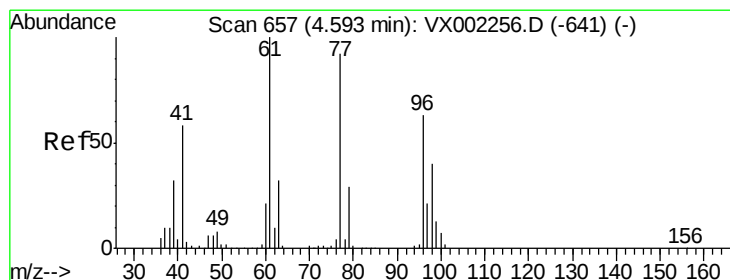
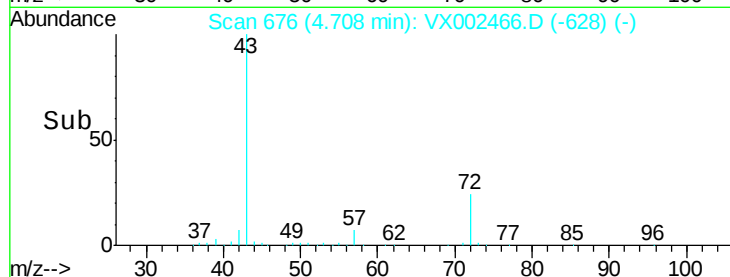
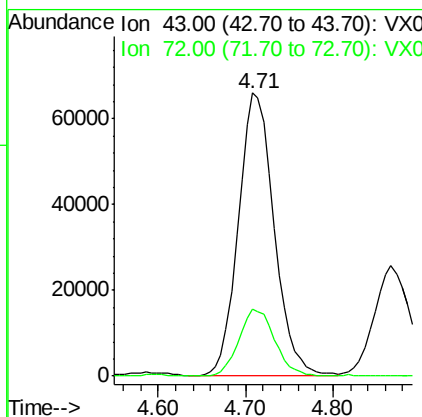
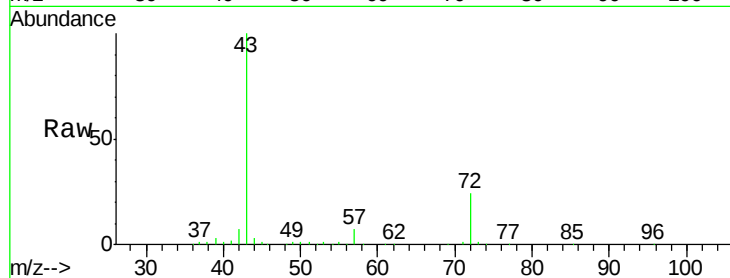
#25
2-Butanone
Concen: 91.552 ug/l
RT: 4.71 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX002466.D
Acq: 12 Jun 2018 15:04

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD02

Tot Ion: 43 Resp: 187035
Ion Ratio Lower Upper
43 100
72 23.8 18.5 27.7

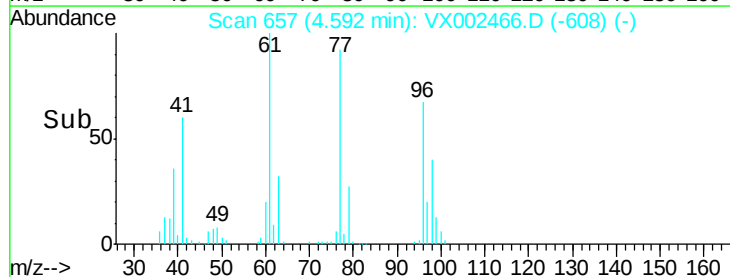
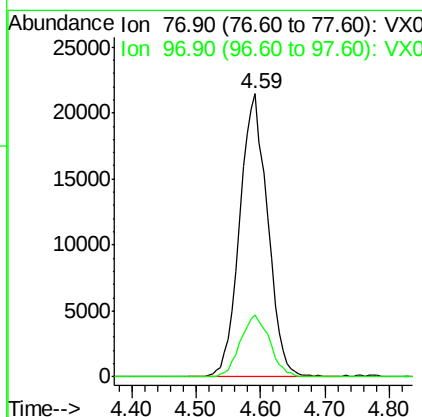
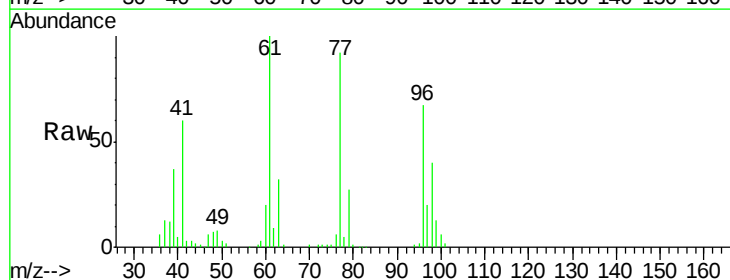
Manual Integrations
APPROVED

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#26
2,2-Dichloropropane
Concen: 17.269 ug/l
RT: 4.59 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX002466.D
Acq: 12 Jun 2018 15:04

Tgt Ion: 77 Resp: 64222
Ion Ratio Lower Upper
77 100
97 22.9 11.2 33.5





#27

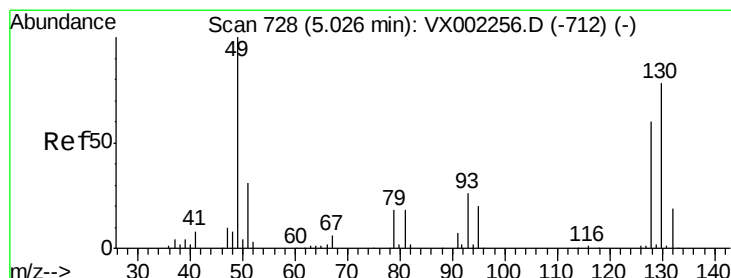
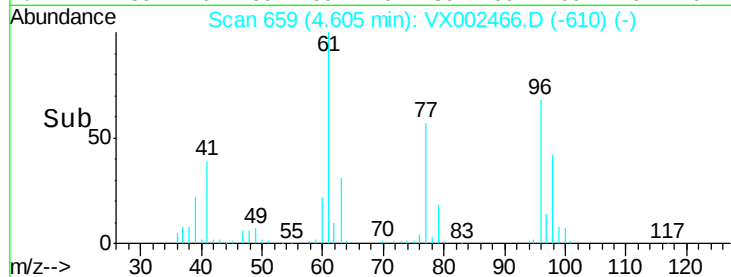
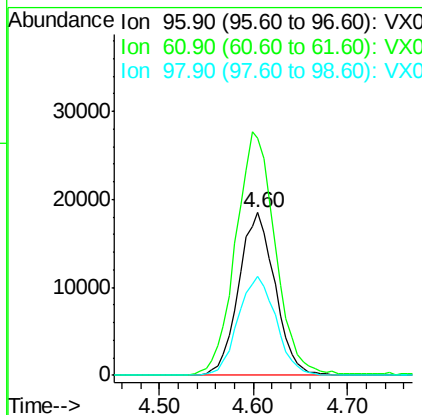
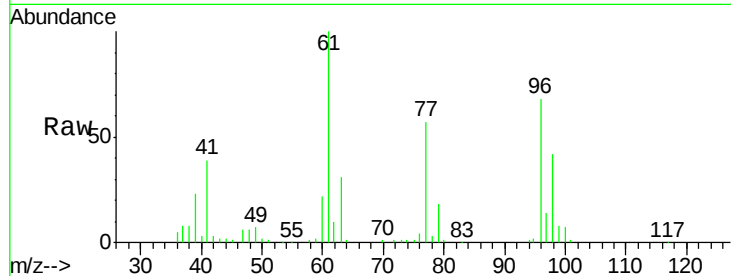
cis-1,2-Dichloroethene
Concen: 18.663 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX002466.D
Acq: 12 Jun 2018 15:04

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	163.3	0.0	330.2
98	63.5	0.0	130.2

Manual Integrations
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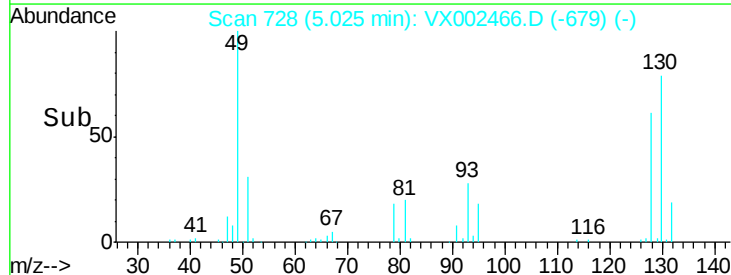
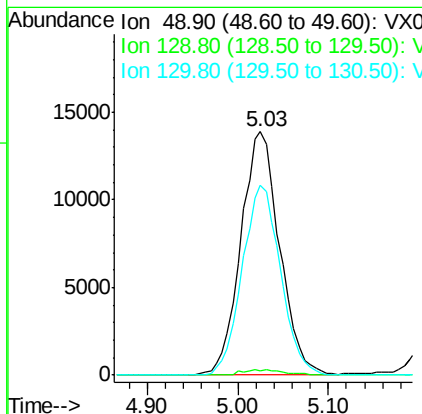
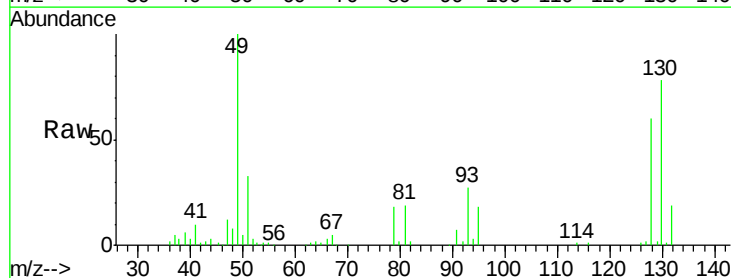
MMDadoda
6/13/2018 1:59:36 PM

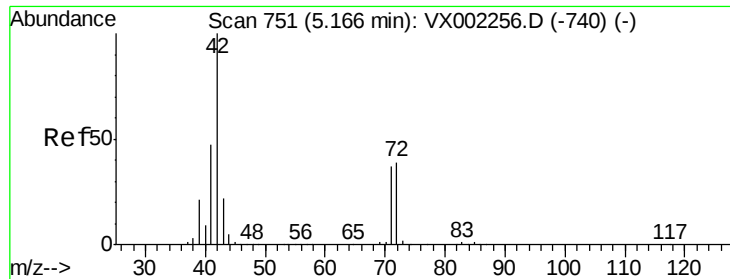


#28

Bromochloromethane
Concen: 18.058 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002466.D
Acq: 12 Jun 2018 15:04

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	4.2
130	77.0	61.2	91.8





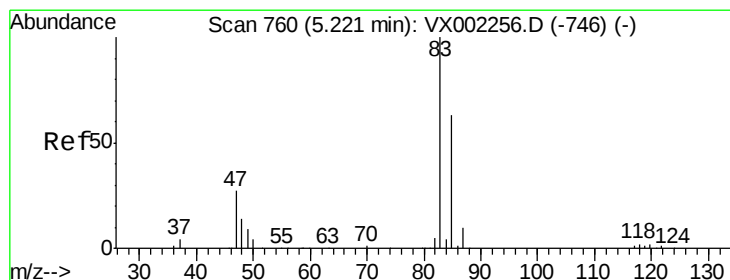
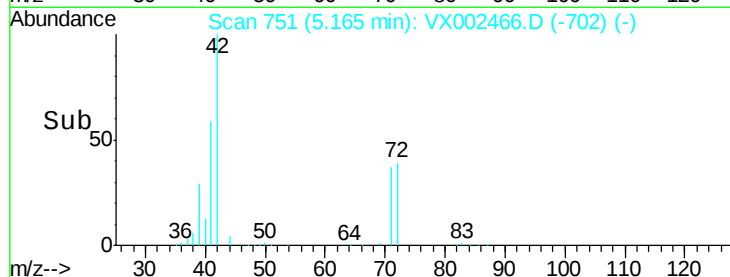
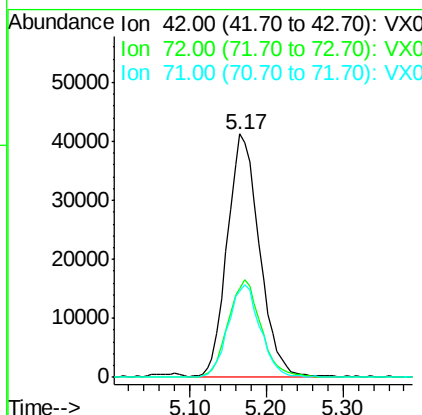
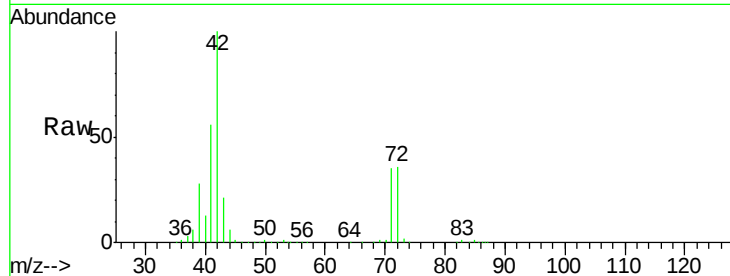
#29
Tetrahydrofuran
Concen: 90.916 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002466.D
Acq: 12 Jun 2018 15:04

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.0	32.0	48.0
71	38.1	30.1	45.1

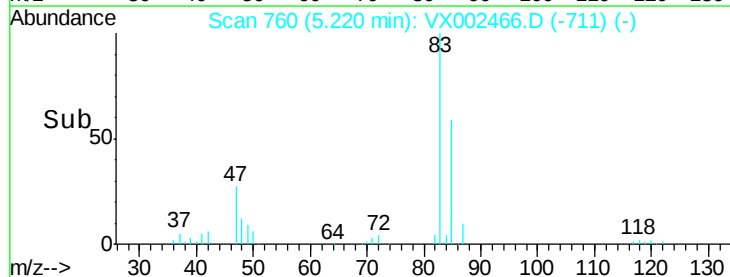
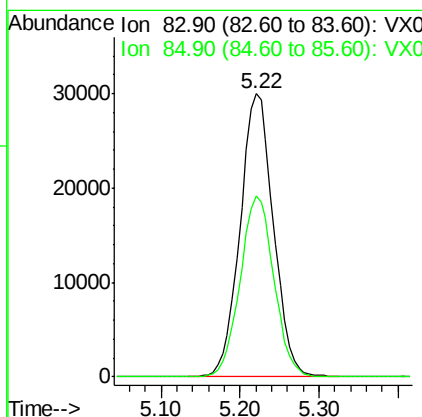
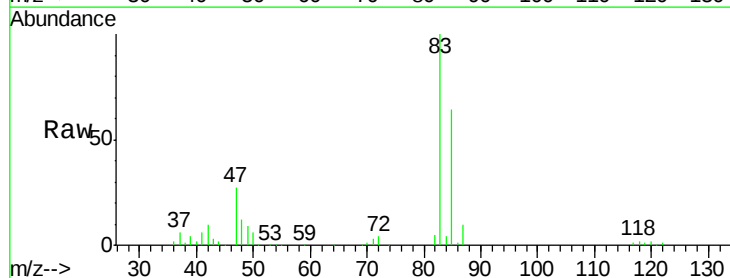
Manual Integrations
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#30
Chloroform
Concen: 19.195 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002466.D
Acq: 12 Jun 2018 15:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.4	75.6





#31

Cyclohexane

Concen: 18.994 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002466.D

Acq: 12 Jun 2018 15:04

Instrument :

MSVOA_X

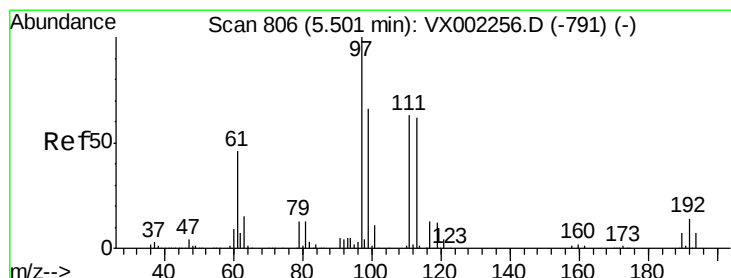
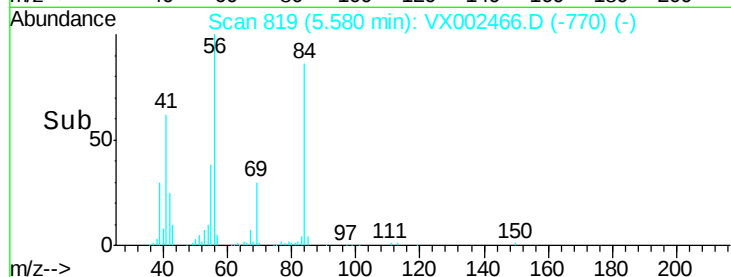
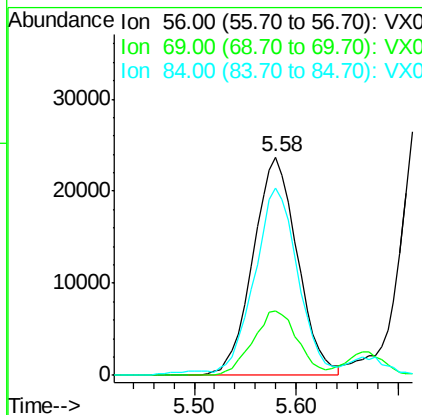
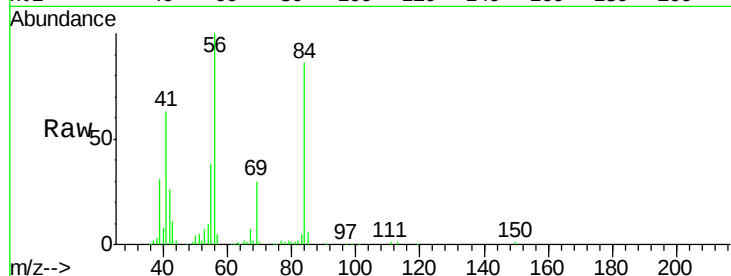
ClientSampleId :

VX0612WBSD02

Tot Ion:	56	Resp:	71458
Ion	Ratio	Lower	Upper
56	100		
69	29.6	23.7	35.5
84	83.5	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.107 ug/l

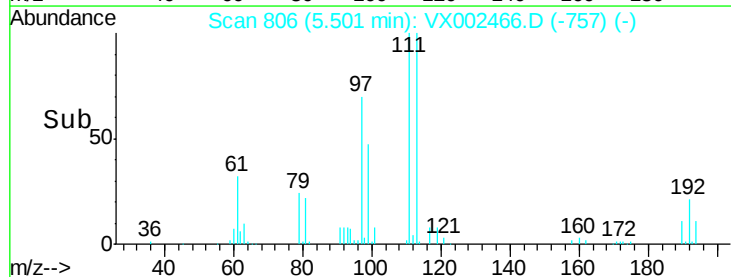
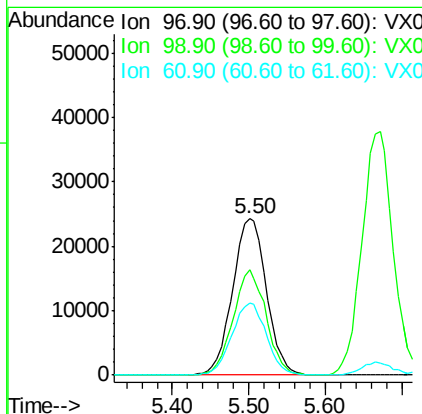
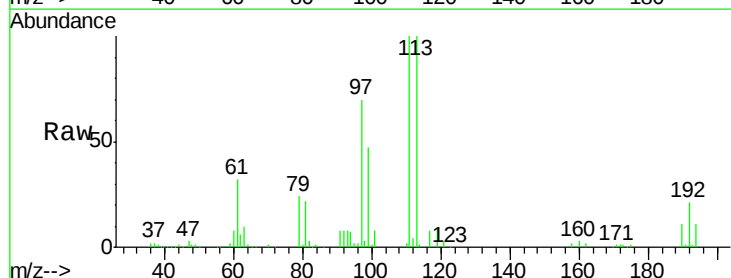
RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002466.D

Acq: 12 Jun 2018 15:04

Tgt Ion:	97	Resp:	74393
Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.6	77.4
61	46.7	36.4	54.6





#33

1,2-Dichloroethane-d4

Concen: 46.795 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002466.D

Acq: 12 Jun 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD02

Tot Ion: 65 Resp: 140087

Ion Ratio Lower Upper

65 100

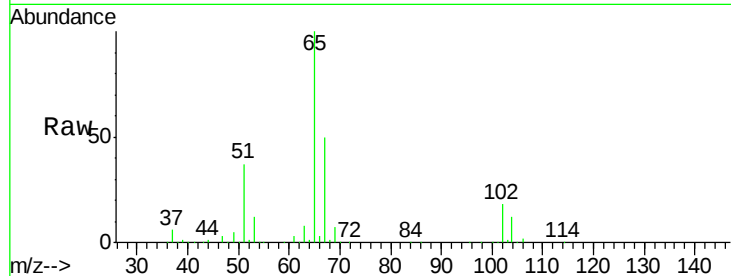
67 50.3 0.0 102.6

Manual Integrations

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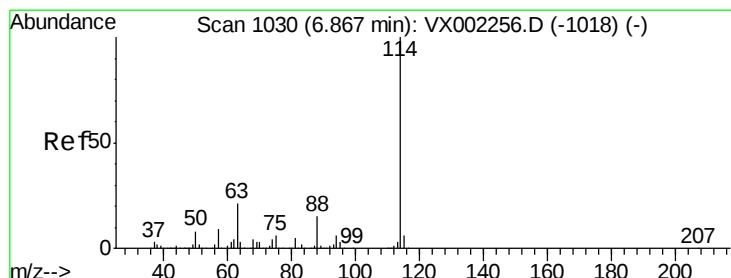
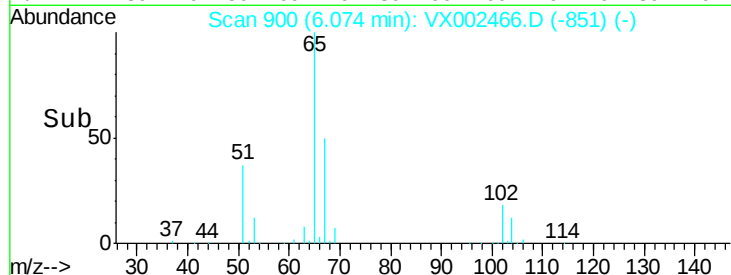
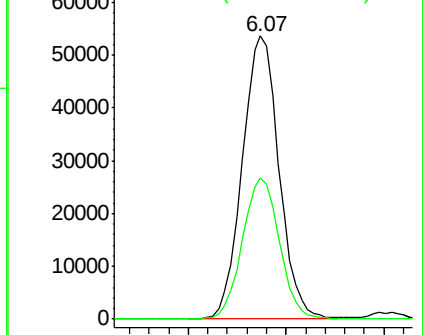
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002466.D

Acq: 12 Jun 2018 15:04

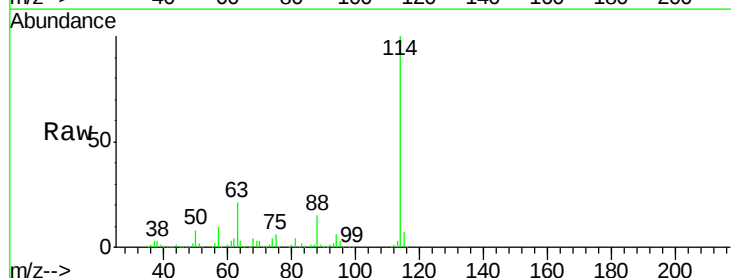
Tgt Ion: 114 Resp: 305531

Ion Ratio Lower Upper

114 100

63 21.5 0.0 41.4

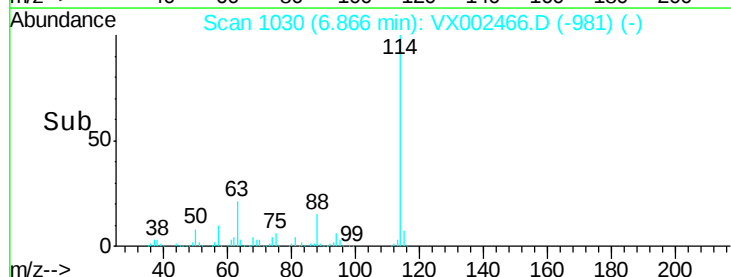
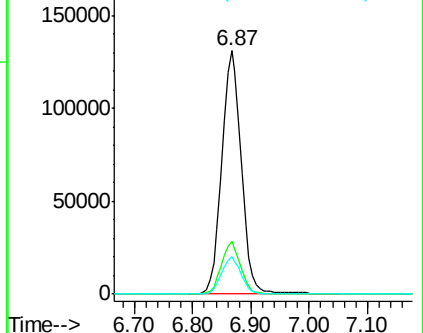
88 15.3 0.0 30.0

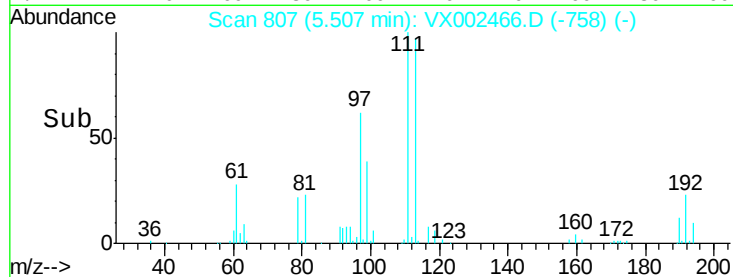
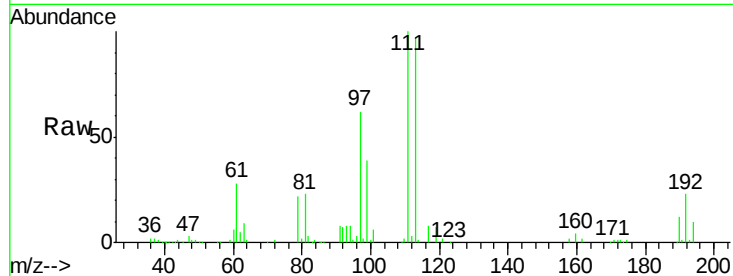
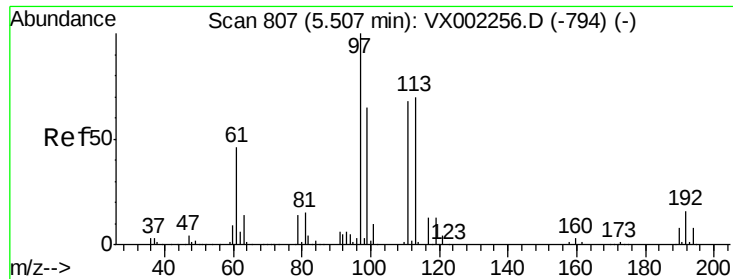


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





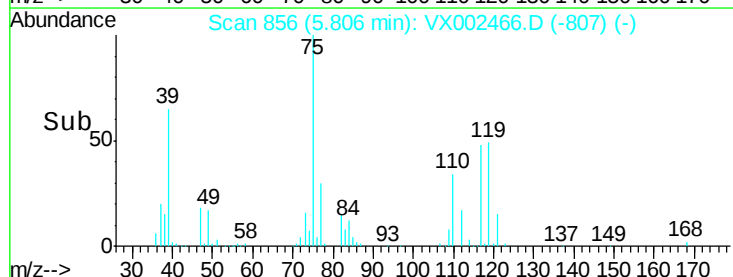
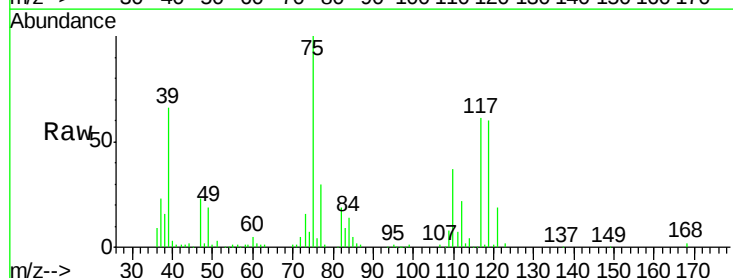
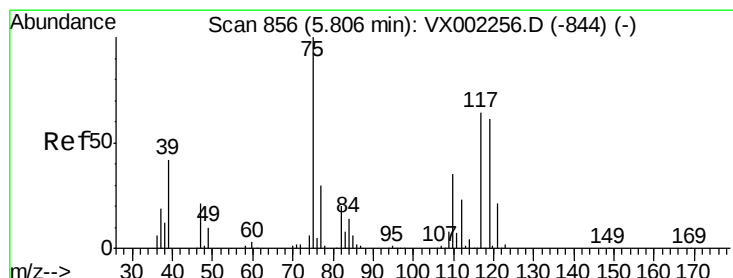
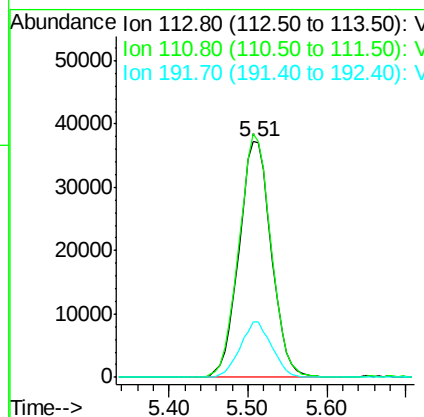
#35
Dibromofluoromethane
Concen: 44.282 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002466.D
Acq: 12 Jun 2018 15:04

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.9	81.4	122.0	
192	22.9	19.1	28.7	

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD02

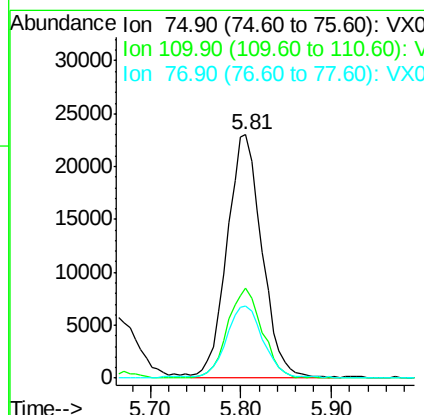
Manual Integrations
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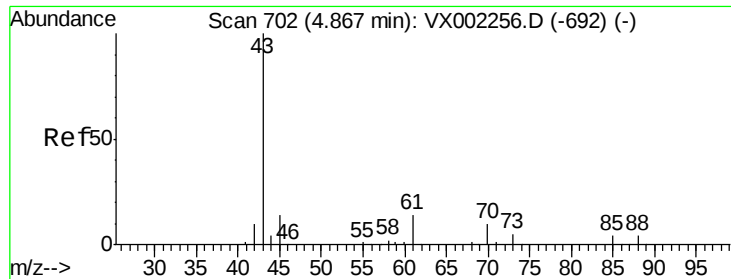
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#36
1,1-Dichloropropene
Concen: 19.063 ug/l
RT: 5.81 min Scan# 856
Delta R.T. -0.00 min
Lab File: VX002466.D
Acq: 12 Jun 2018 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	36.9	18.1	54.4	
77	31.8	24.3	36.5	





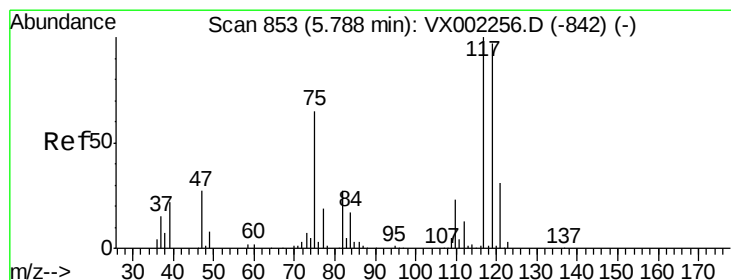
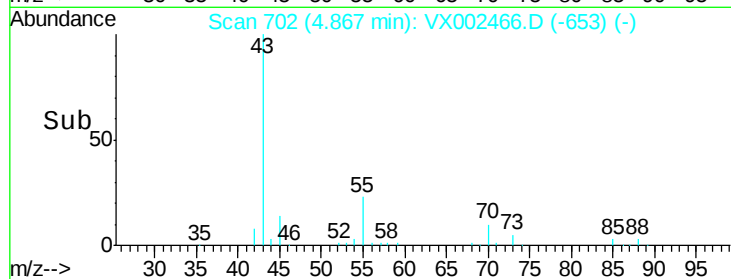
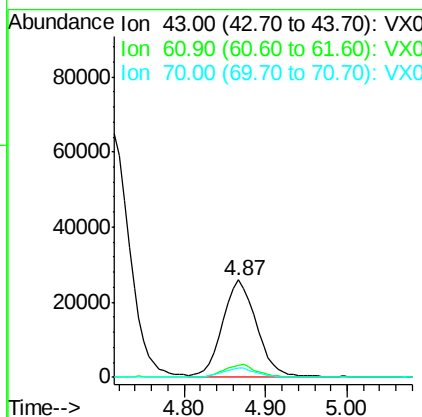
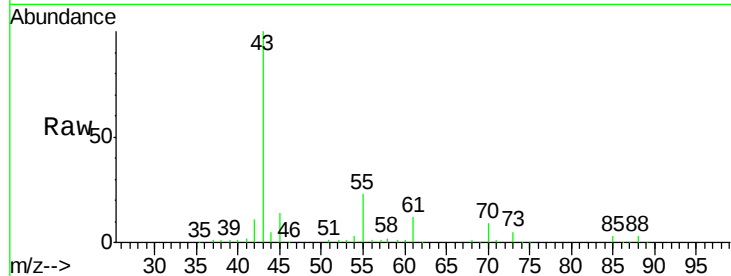
#37
Ethyl Acetate
Concen: 19.056 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002466.D
Acq: 12 Jun 2018 15:04

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.4	15.6
70	9.4	7.6	11.4

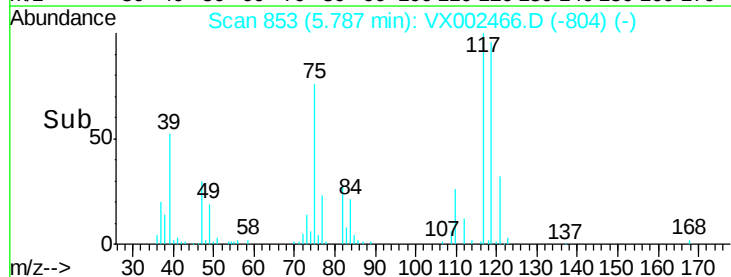
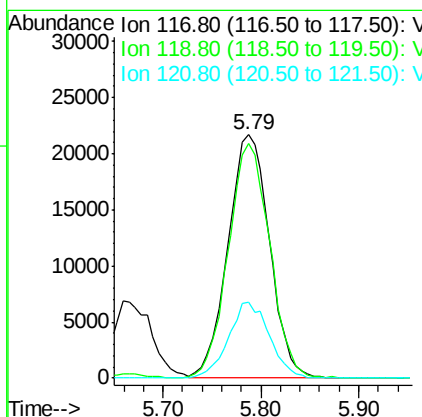
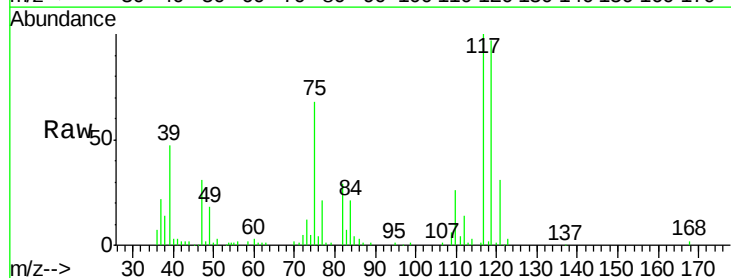
Manual Integrations
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#38
Carbon Tetrachloride
Concen: 19.033 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002466.D
Acq: 12 Jun 2018 15:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.4	116.0
121	31.4	24.4	36.6





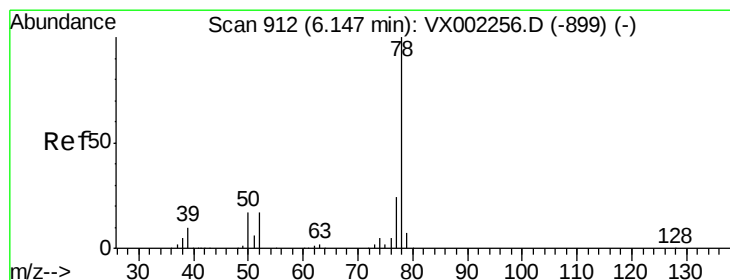
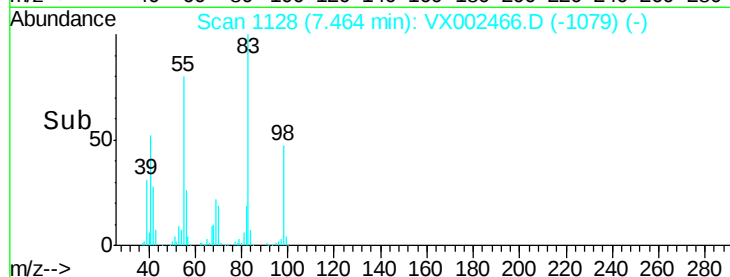
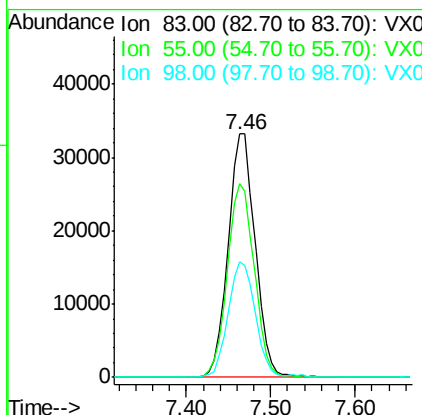
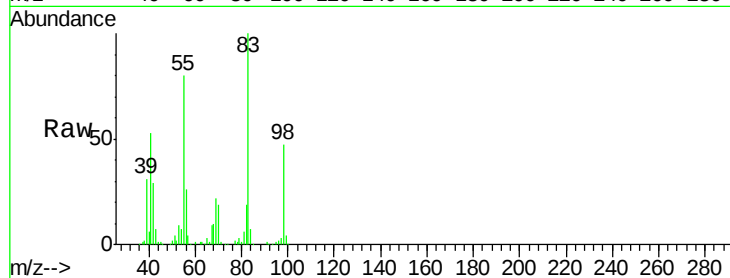
#39
Methvlcvclohexane
Concen: 18.456 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002466.D
Acq: 12 Jun 2018 15:04

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.7	65.4	98.0
98	47.3	37.4	56.0

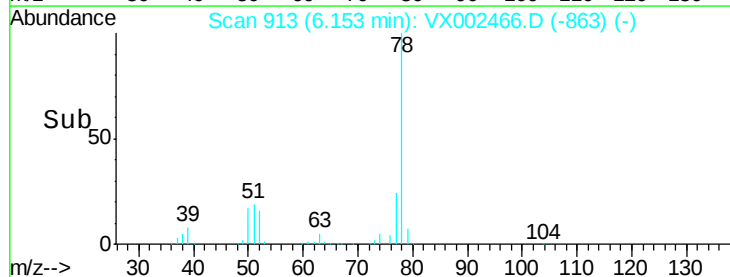
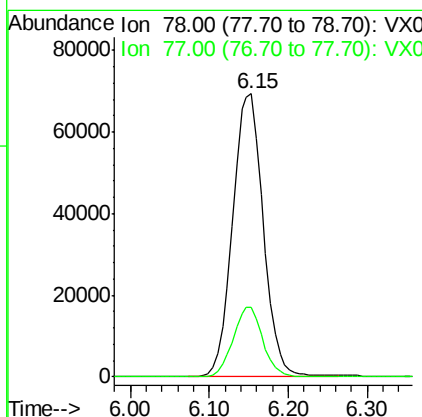
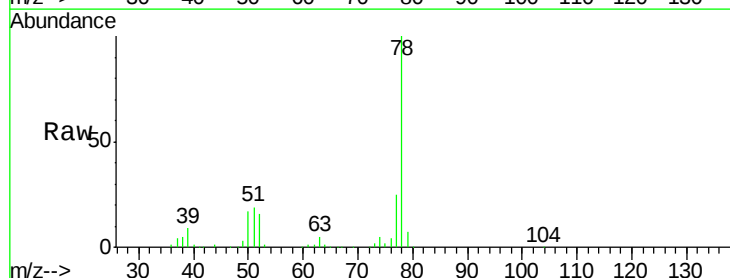
Manual Integrations
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#40
Benzene
Concen: 19.078 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.01 min
Lab File: VX002466.D
Acq: 12 Jun 2018 15:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.1	28.7





#41

Methacrylonitrile

Concen: 19.088 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.00 min

Lab File: VX002466.D

Acq: 12 Jun 2018 15:04

Instrument :

MSVOA_X

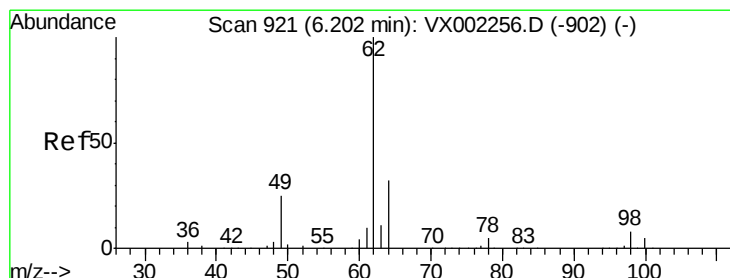
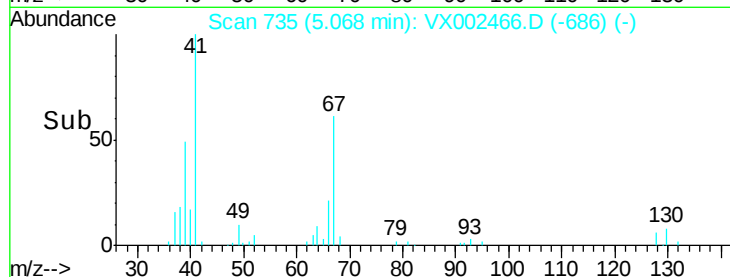
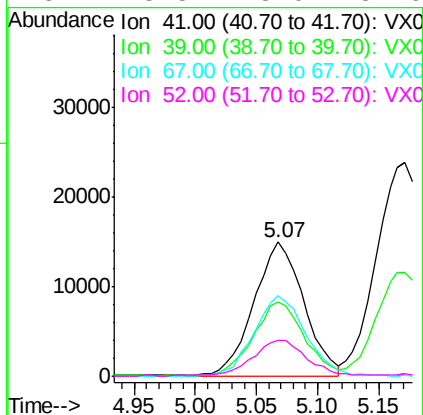
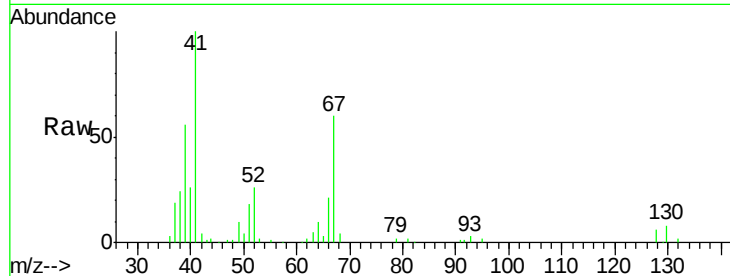
ClientSampleId :

VX0612WBSD02

Tot Ion:	41	Resp:	42209
Ion	Ratio	Lower	Upper
41	100		
39	56.0	45.8	68.6
67	62.8	51.3	76.9
52	28.8	23.0	34.6

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 19.397 ug/l

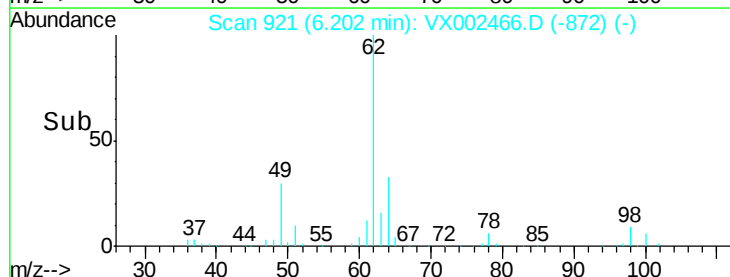
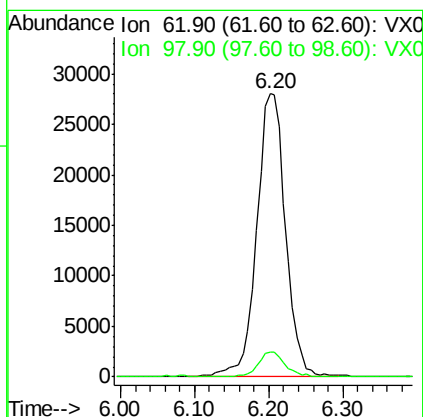
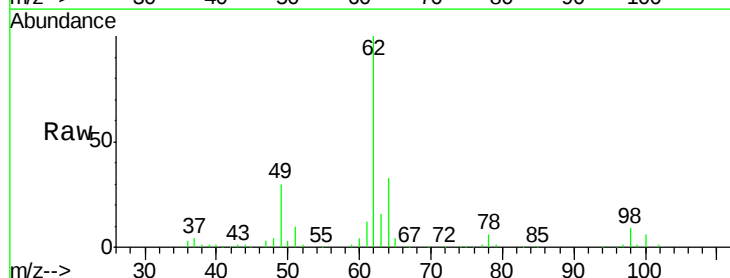
RT: 6.20 min Scan# 921

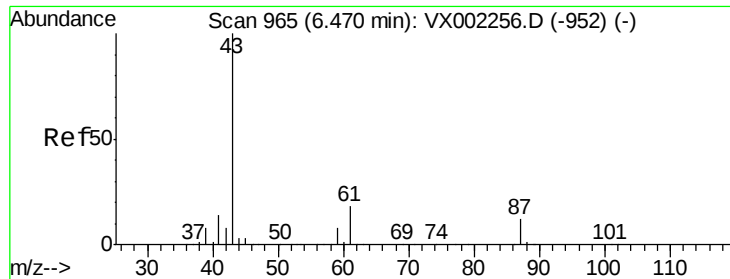
Delta R.T. -0.00 min

Lab File: VX002466.D

Acq: 12 Jun 2018 15:04

Tgt Ion:	62	Resp:	75898
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6





#43

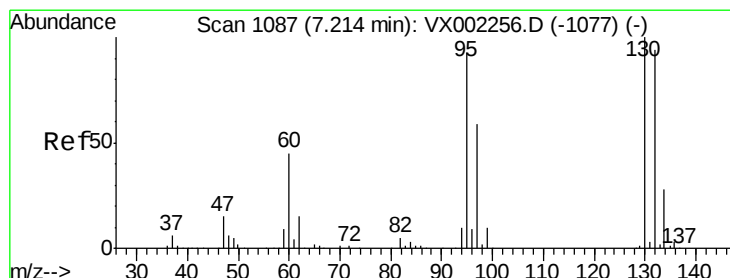
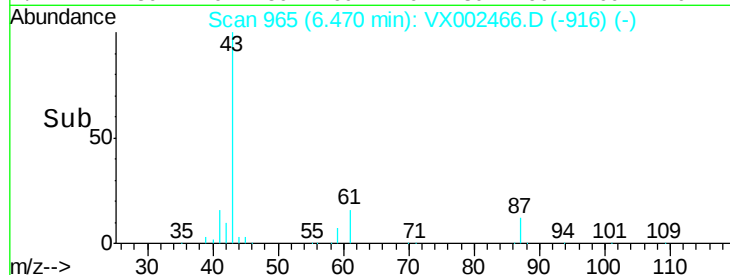
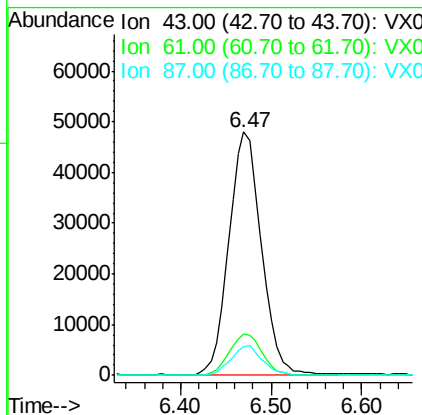
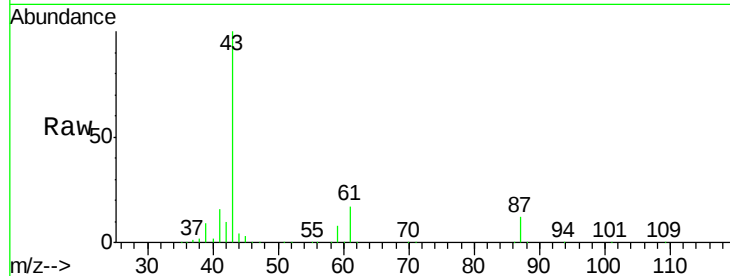
Isopropyl Acetate
 Concen: 18.178 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002466.D
 Acq: 12 Jun 2018 15:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.3	14.4	21.6
87	11.9	9.5	14.3

Manual Integrations
 APPROVED

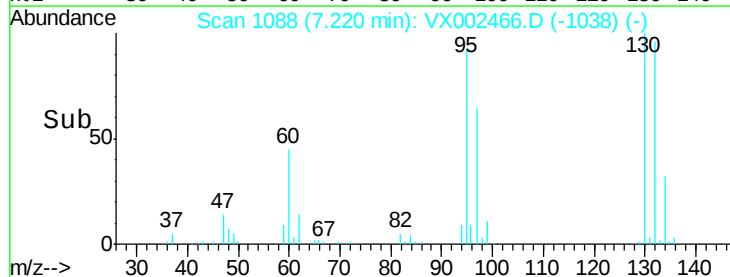
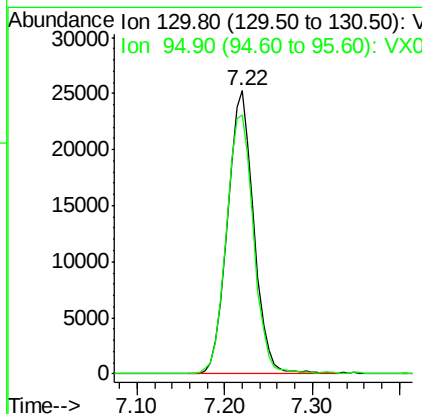
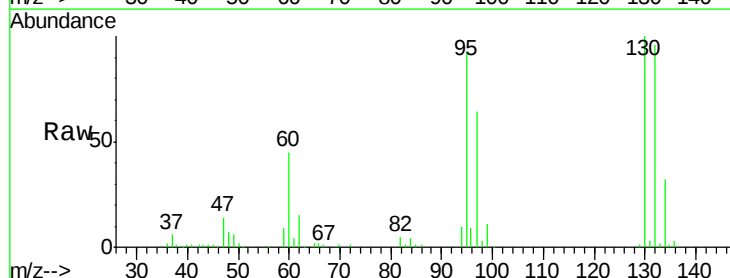
MMDadoda
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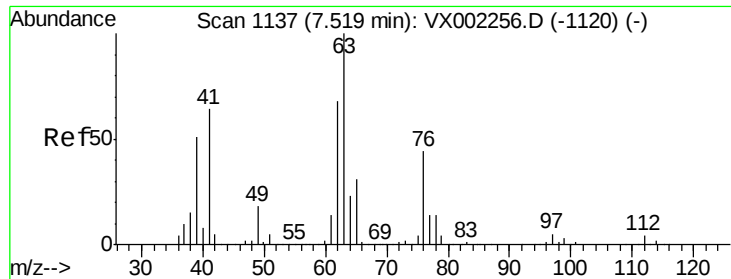


#44

Trichloroethene
 Concen: 19.327 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX002466.D
 Acq: 12 Jun 2018 15:04

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.5	0.0	185.4





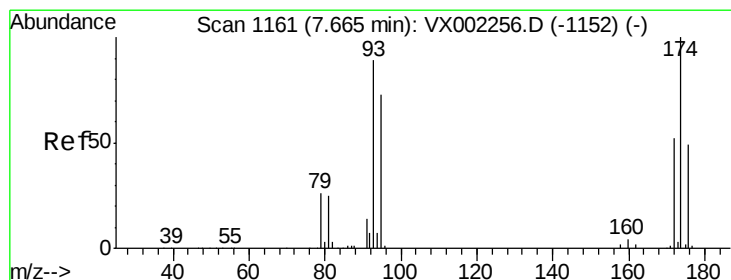
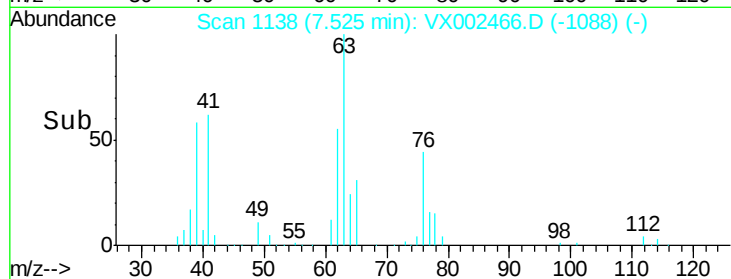
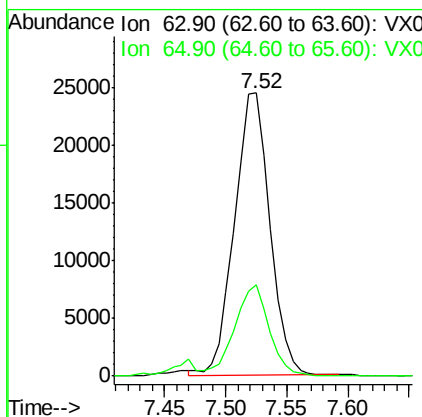
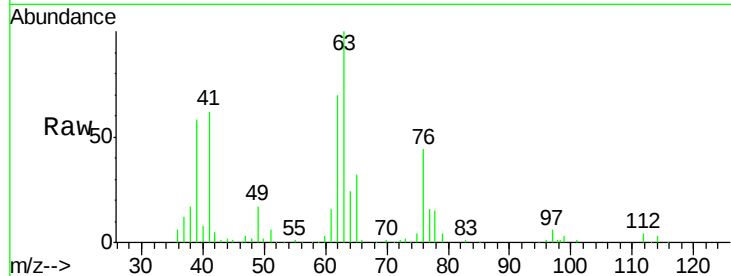
#45
 1,2-Dichloropropane
 Concen: 18.479 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VX002466.D
 Acq: 12 Jun 2018 15:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBSD02

Tot Ion: 63 Resp: 49132
 Ion Ratio Lower Upper
 63 100
 65 32.5 24.7 37.1

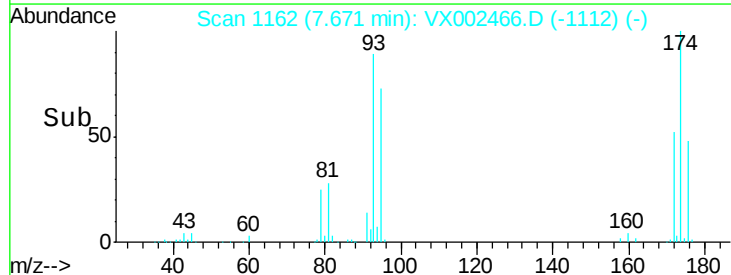
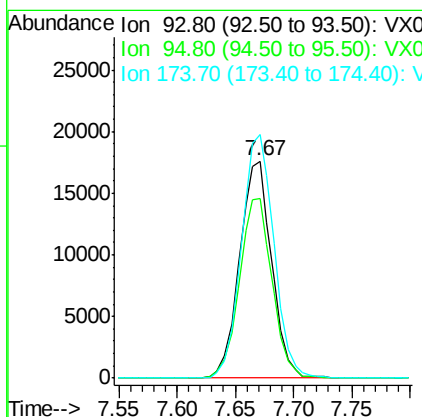
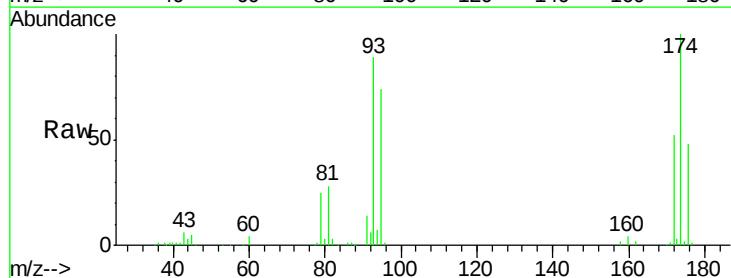
Manual Integrations
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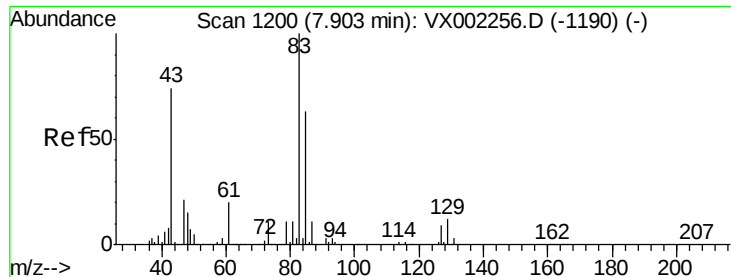
MMDadoda
 6/13/2018 1:59:36 PM



#46
 Dibromomethane
 Concen: 18.688 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: VX002466.D
 Acq: 12 Jun 2018 15:04

Tgt Ion: 93 Resp: 33683
 Ion Ratio Lower Upper
 93 100
 95 84.5 65.9 98.9
 174 113.9 92.4 138.6





#47

Bromodichloromethane

Concen: 18.525 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002466.D

Acq: 12 Jun 2018 15:04

Instrument :

MSVOA_X

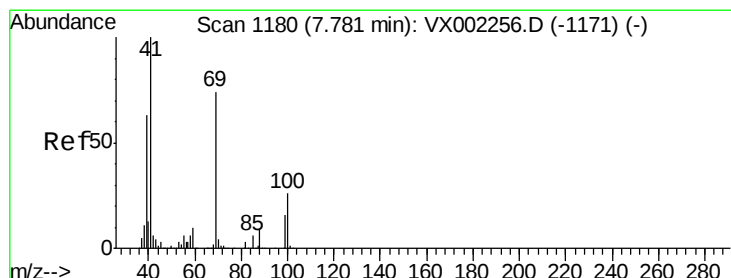
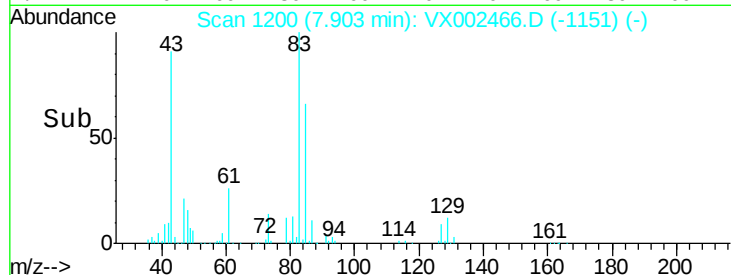
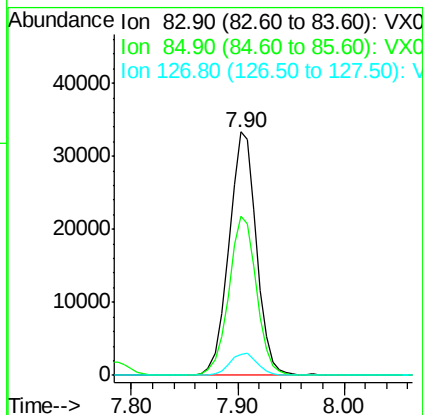
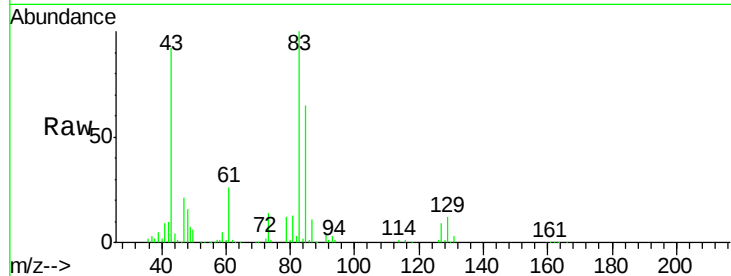
ClientSampleId :

VX0612WBSD02

Tot Ion:	83	Resp:	60389
Ion	Ratio	Lower	Upper
83	100		
85	65.5	50.3	75.5
127	8.6	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.175 ug/l

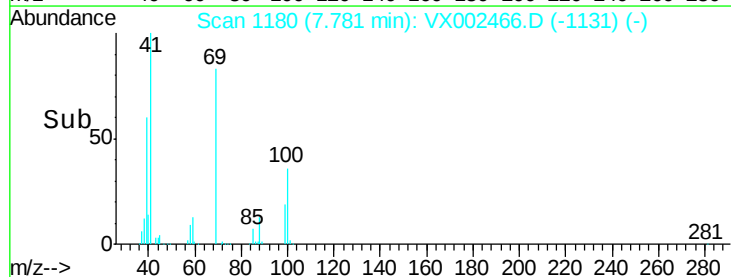
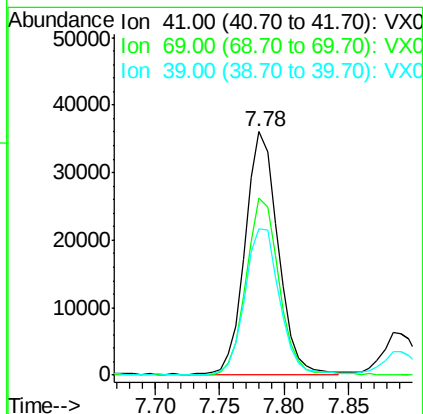
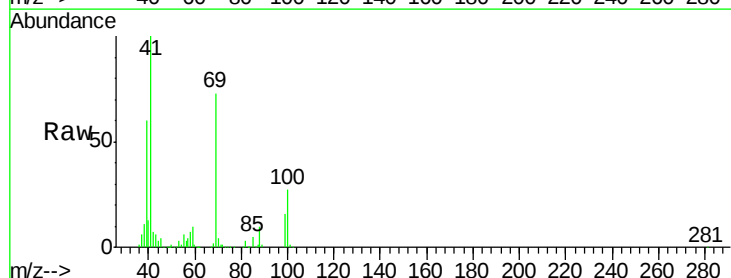
RT: 7.78 min Scan# 1180

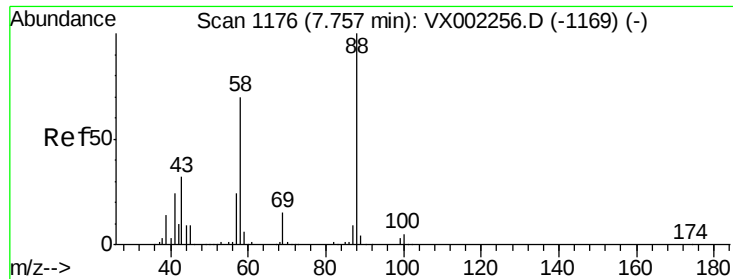
Delta R.T. -0.00 min

Lab File: VX002466.D

Acq: 12 Jun 2018 15:04

Tgt Ion:	41	Resp:	63195
Ion	Ratio	Lower	Upper
41	100		
69	73.7	59.1	88.7
39	63.7	48.9	73.3





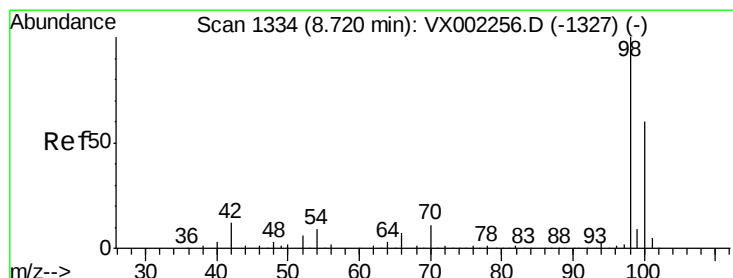
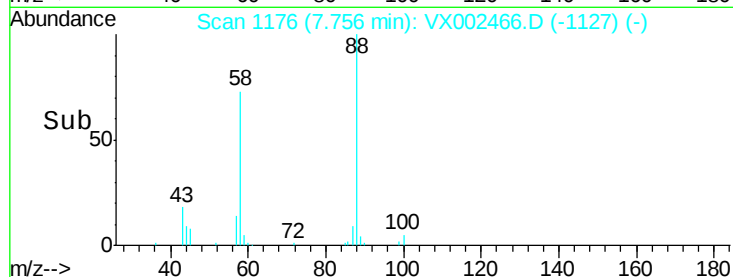
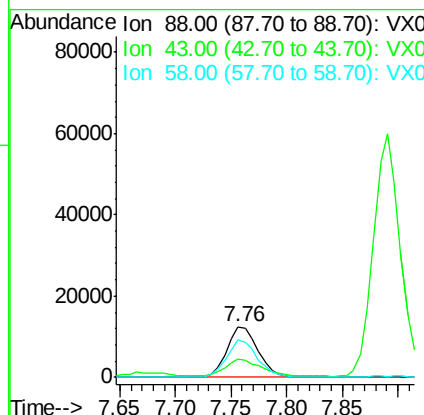
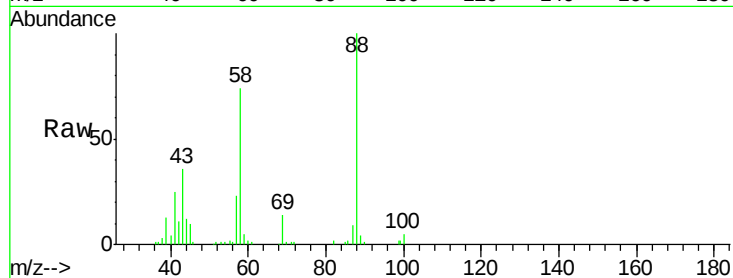
#49
1,4-Dioxane
Concen: 390.469 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002466.D
Acq: 12 Jun 2018 15:04

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.3	29.8	44.6
58	73.3	57.1	85.7

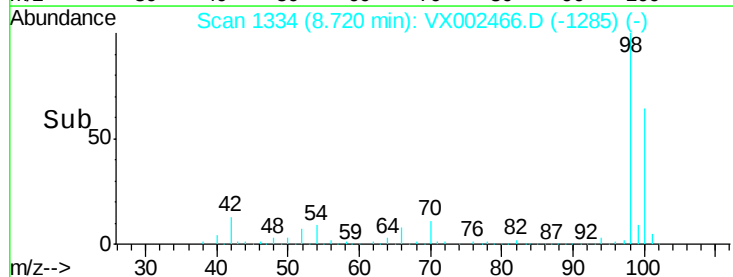
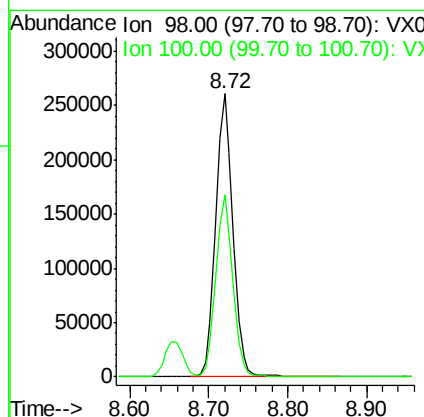
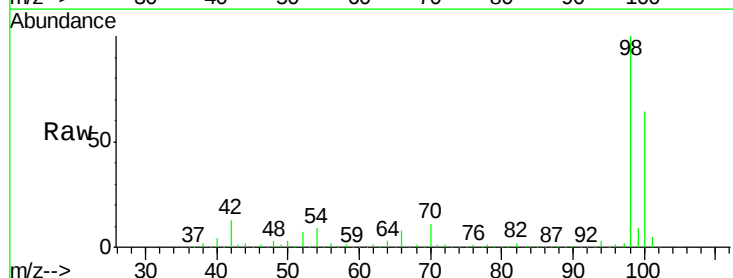
Manual Integrations
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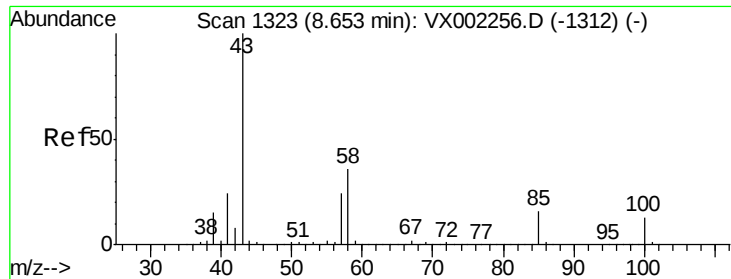
MMDadoda
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#50
Toluene-d8
Concen: 43.231 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002466.D
Acq: 12 Jun 2018 15:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 97.481 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002466.D

Acq: 12 Jun 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD02

Tot Ion: 43 Resp: 398291

Ion Ratio Lower Upper

43 100

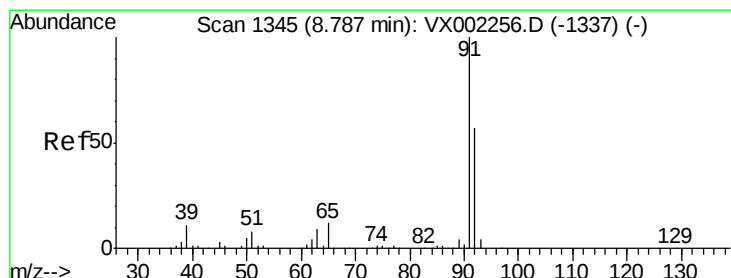
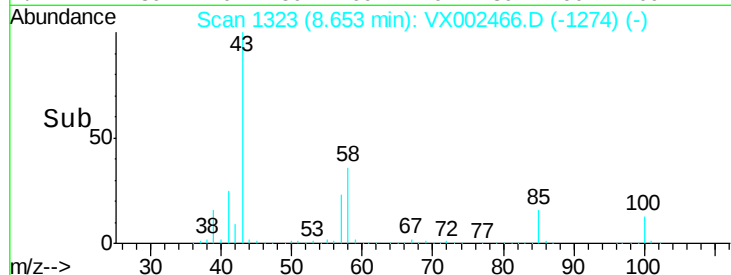
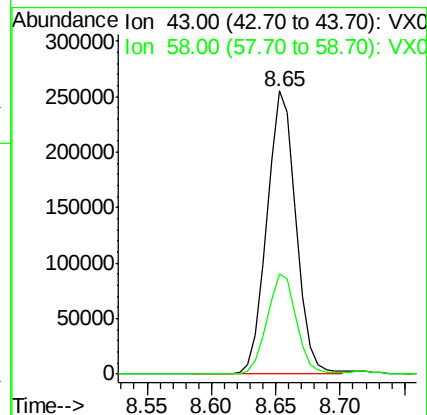
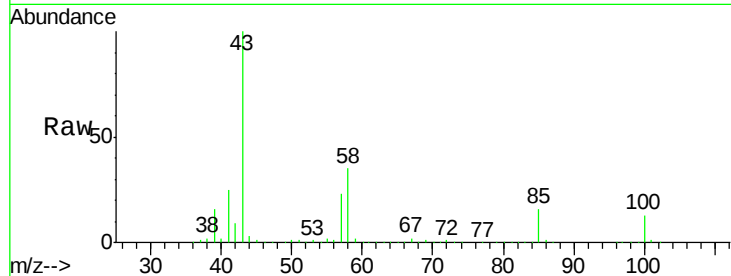
58 35.9 28.6 42.8

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#52

Toluene

Concen: 19.216 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002466.D

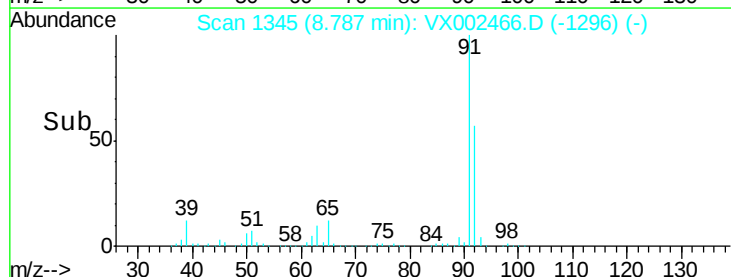
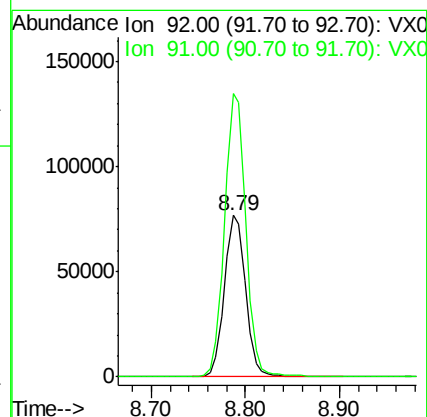
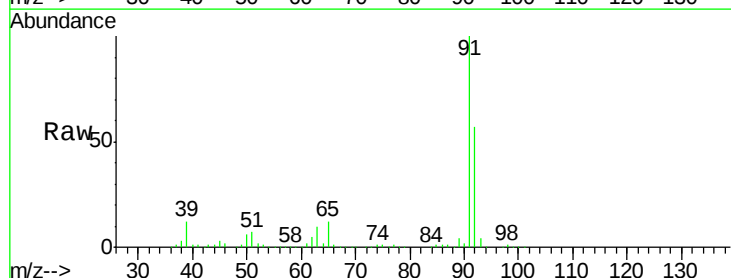
Acq: 12 Jun 2018 15:04

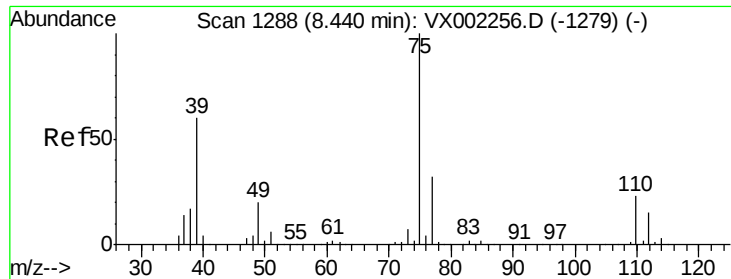
Tgt Ion: 92 Resp: 120368

Ion Ratio Lower Upper

92 100

91 175.4 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 18.236 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002466.D

Acq: 12 Jun 2018 15:04

Tot Ion: 75 Resp: 71286

Ion Ratio Lower Upper

75 100

77 30.4 25.4 38.2

Instrument :

MSVOA_X

ClientSampleId :

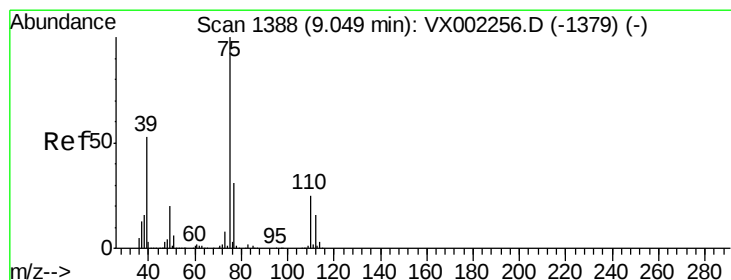
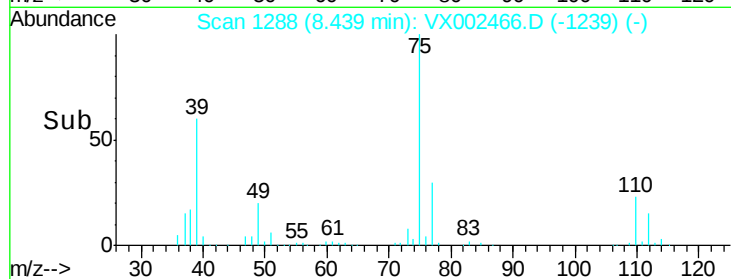
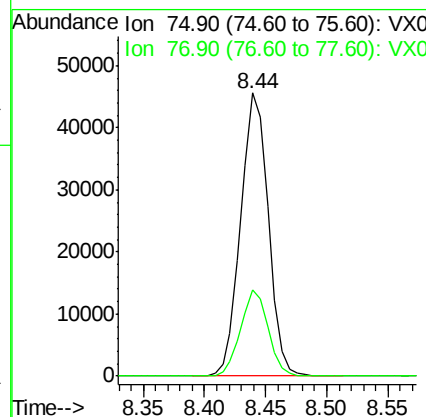
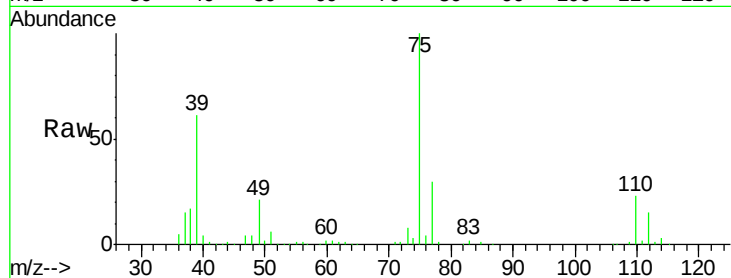
VX0612WBSD02

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#54

cis-1,3-Dichloropropene

Concen: 17.452 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX002466.D

Acq: 12 Jun 2018 15:04

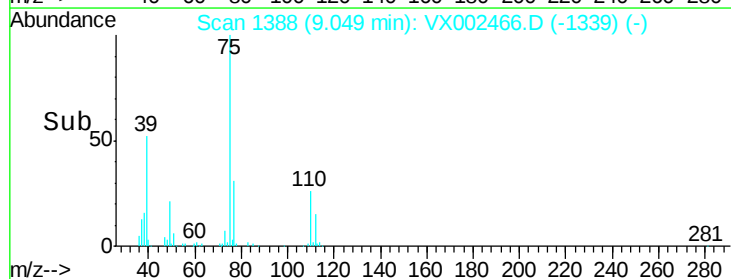
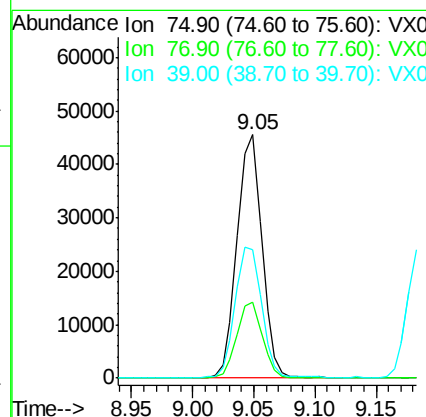
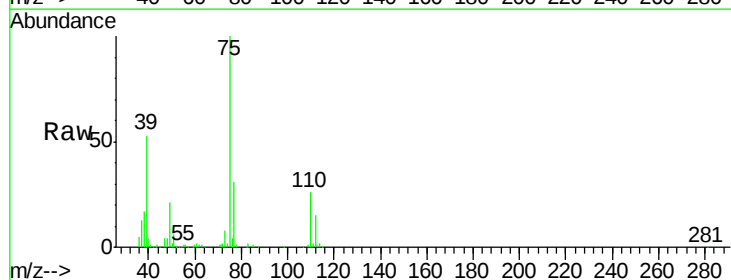
Tgt Ion: 75 Resp: 64364

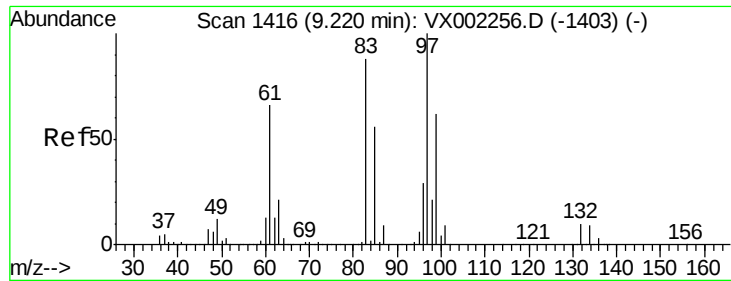
Ion Ratio Lower Upper

75 100

77 30.8 24.8 37.2

39 52.6 42.4 63.6





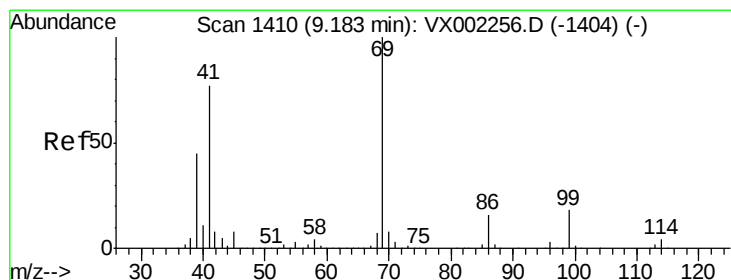
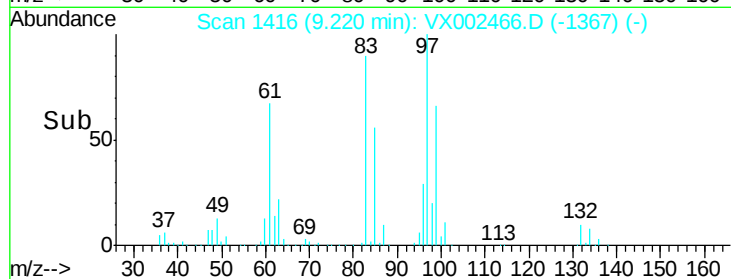
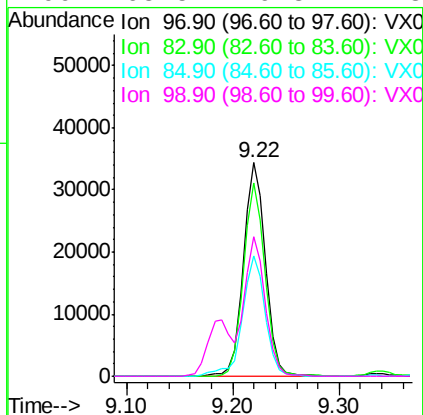
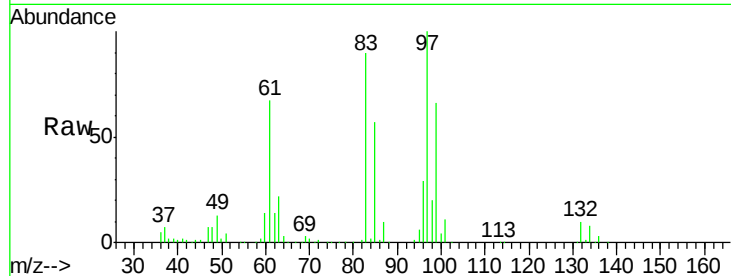
#55
 1,1,2-Trichloroethane
 Concen: 19.407 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002466.D
 Acq: 12 Jun 2018 15:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBSD02

Tot Ion:	97	Resp:	49997
Ion	Ratio	Lower	Upper
97	100		
83	90.4	70.2	105.2
85	56.6	44.9	67.3
99	65.5	49.8	74.8

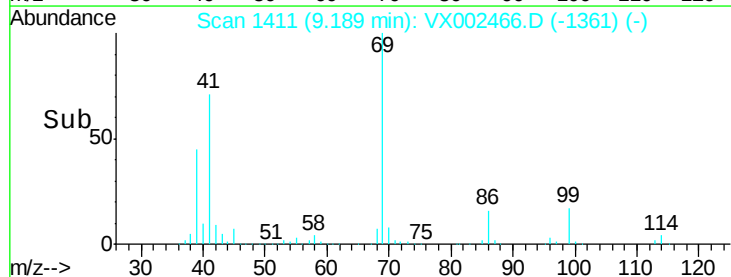
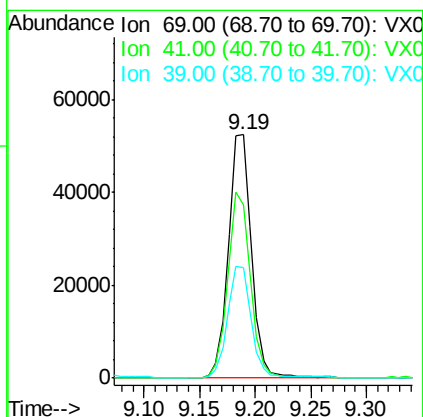
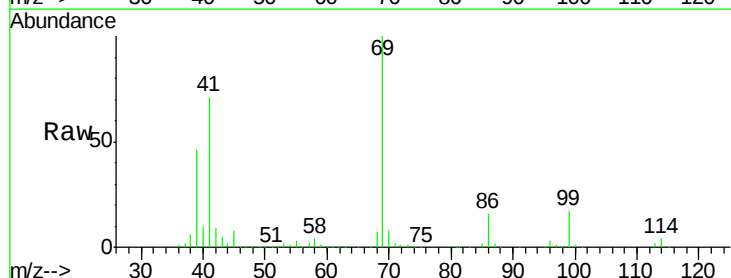
Manual Integrations
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#56
 Ethyl methacrylate
 Concen: 18.355 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX002466.D
 Acq: 12 Jun 2018 15:04

Tgt Ion:	69	Resp:	75497
Ion	Ratio	Lower	Upper
69	100		
41	74.5	60.3	90.5
39	46.7	35.8	53.8





#57

1,3-Dichloropropane

Concen: 19.434 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002466.D

Acq: 12 Jun 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD02

Tot Ion: 76 Resp: 83993

Ion Ratio Lower Upper

76 100

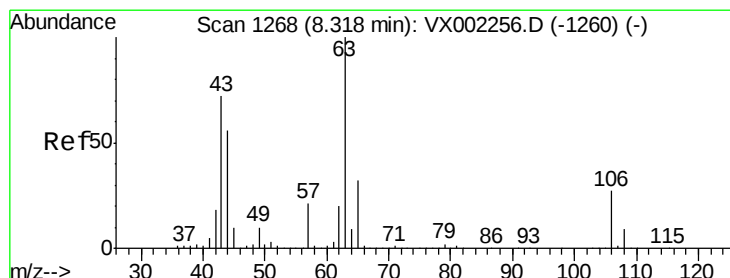
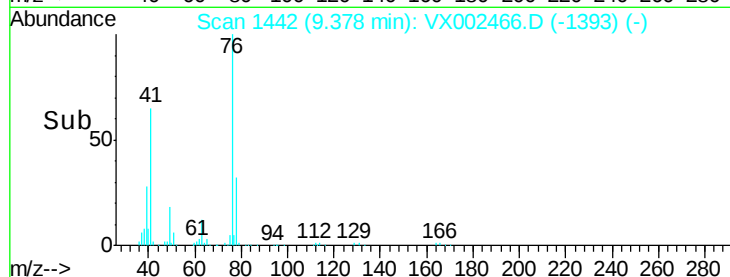
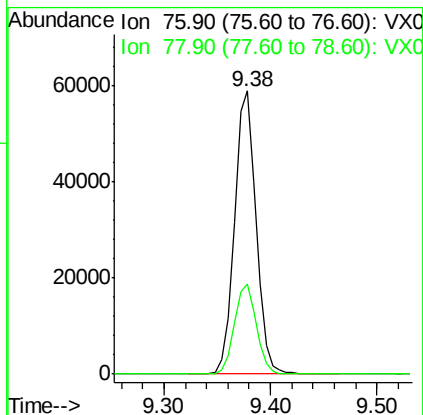
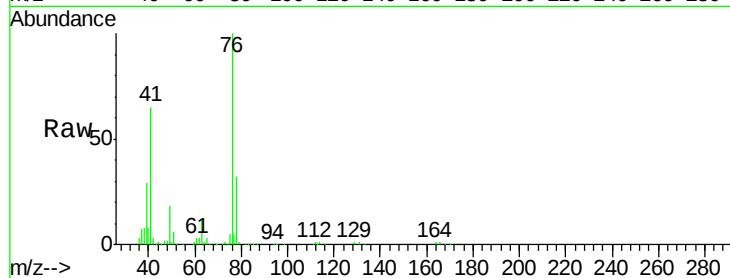
78 32.6 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 95.999 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002466.D

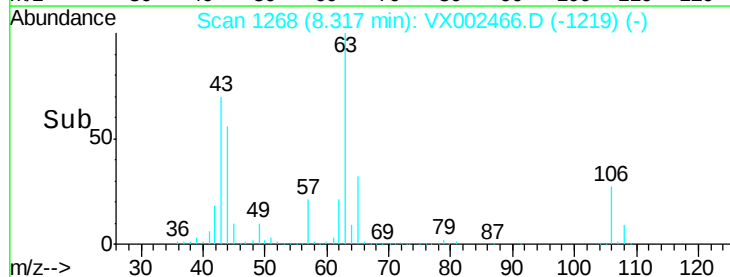
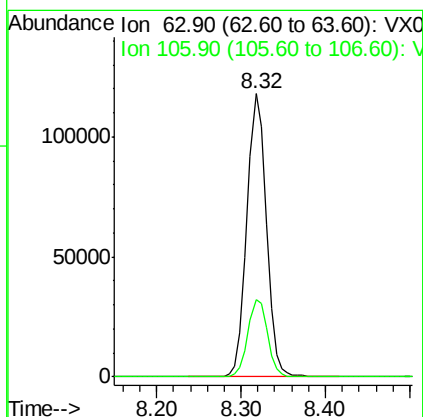
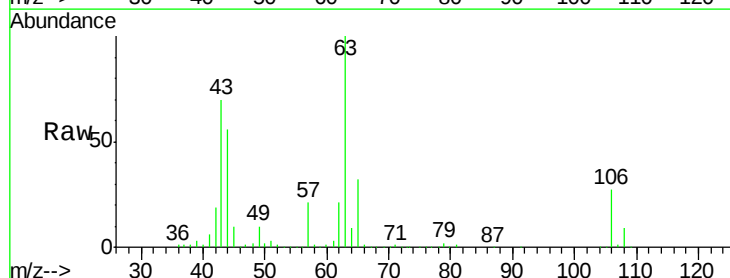
Acq: 12 Jun 2018 15:04

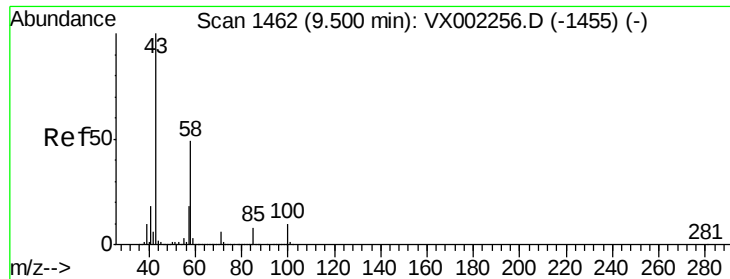
Tgt Ion: 63 Resp: 182751

Ion Ratio Lower Upper

63 100

106 27.7 21.8 32.8





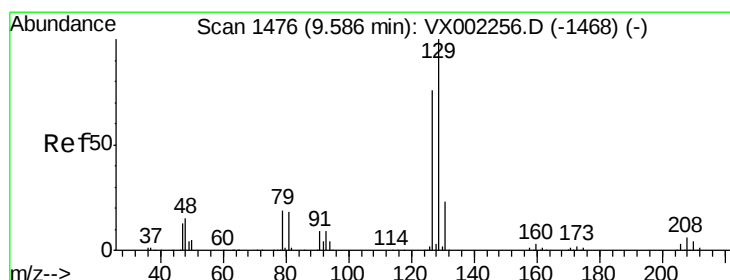
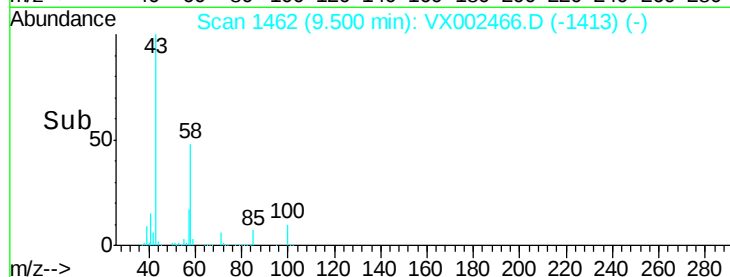
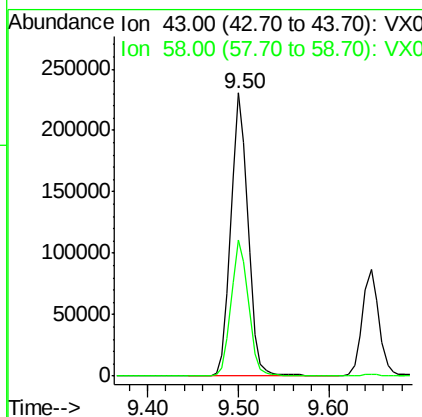
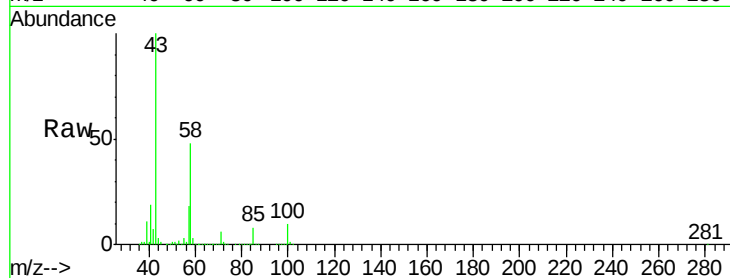
#59
2-Hexanone
Concen: 96.433 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002466.D
Acq: 12 Jun 2018 15:04

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD02

Tot Ion	43	Resp	304336
Ion Ratio	43	100	
Lower	58	48.5	24.6
Upper			73.6

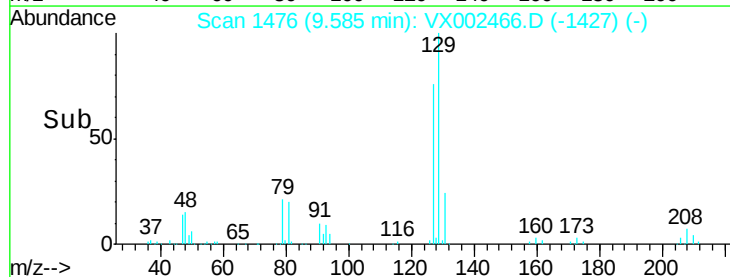
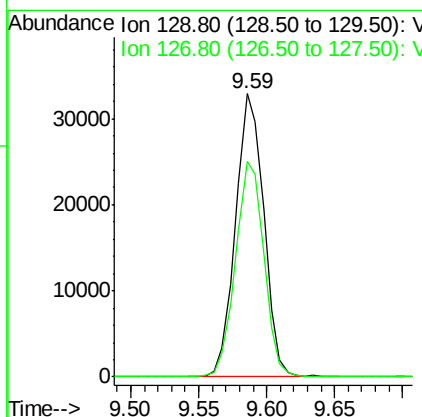
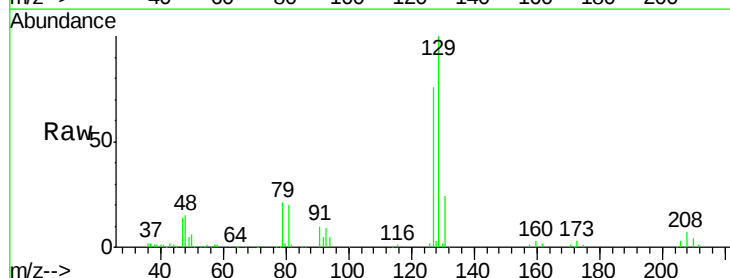
Manual Integrations
APPROVED

MMDadoda
6/13/2018 1:59:36 PM



#60
Dibromochloromethane
Concen: 18.341 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002466.D
Acq: 12 Jun 2018 15:04

Tgt Ion	129	Resp	47526
Ion Ratio	129	100	
Lower	127	76.8	38.5
Upper			115.3





#61

1,2-Dibromoethane

Concen: 19.238 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002466.D

Acq: 12 Jun 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD02

Tot Ion:107 Resp: 51677

Ion Ratio Lower Upper

107 100

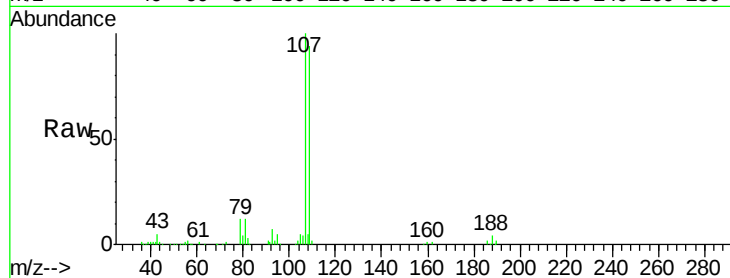
109 94.4 75.3 112.9

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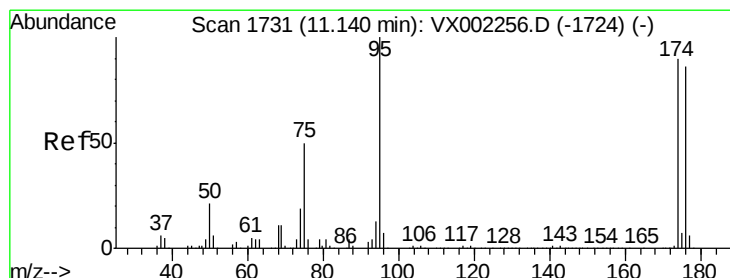
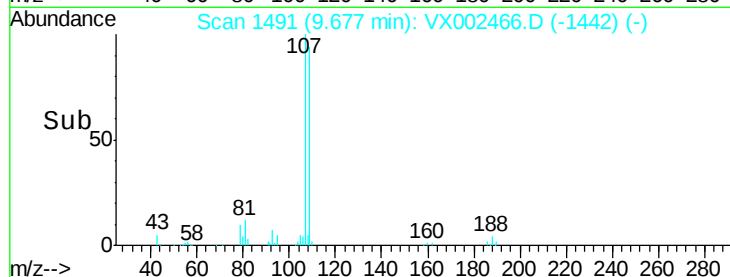
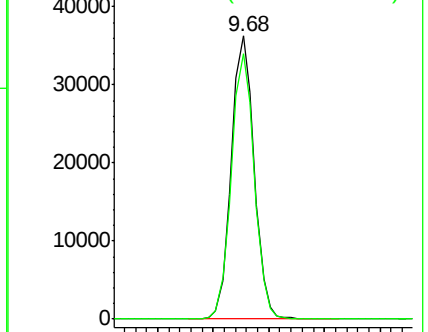
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 41.658 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002466.D

Acq: 12 Jun 2018 15:04

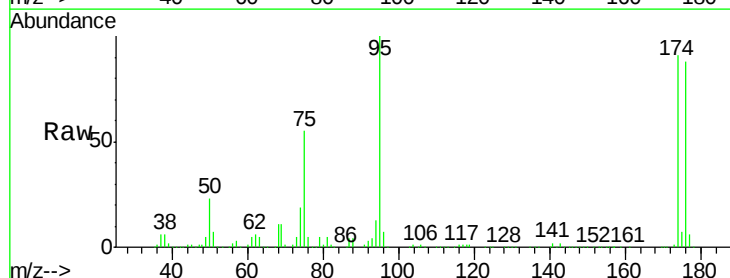
Tgt Ion: 95 Resp: 147942

Ion Ratio Lower Upper

95 100

174 94.7 0.0 187.4

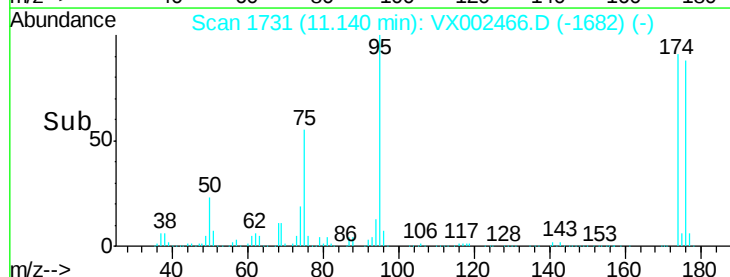
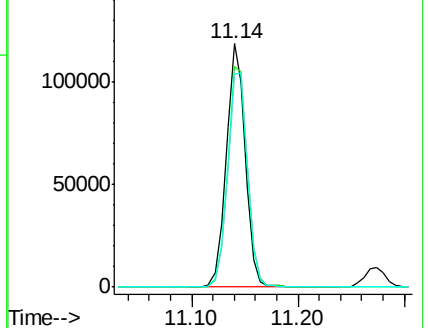
176 93.1 0.0 181.0

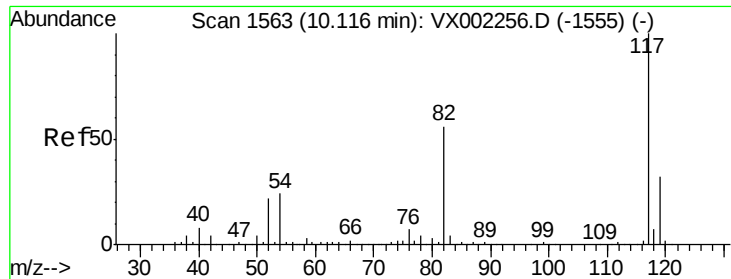


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





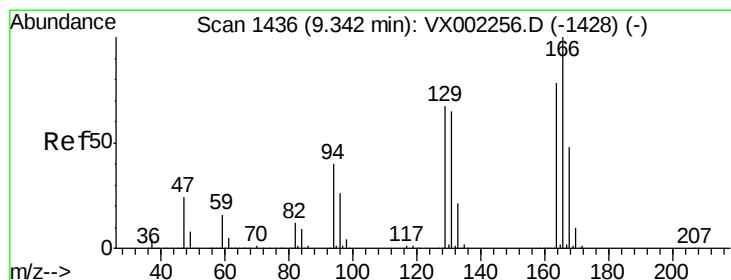
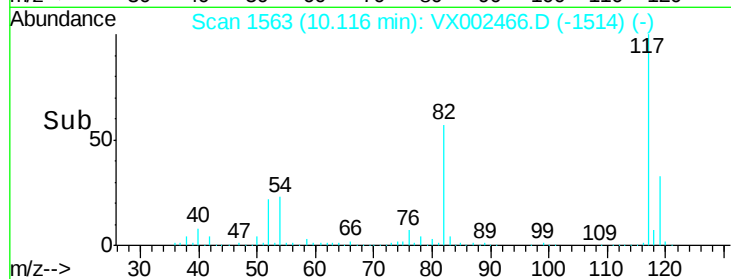
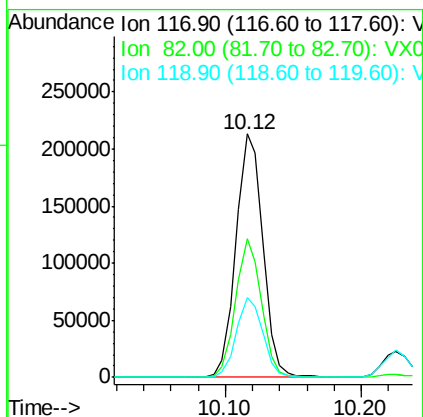
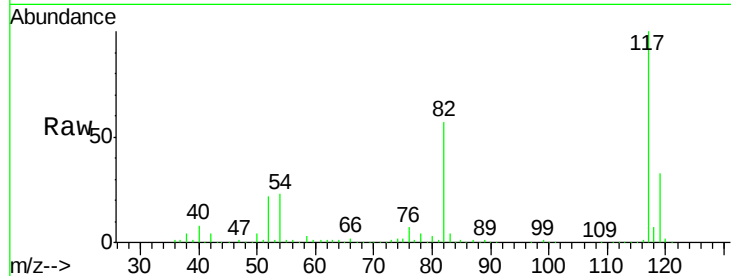
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002466.D
Acq: 12 Jun 2018 15:04

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.8	45.0	67.4
119	32.7	25.8	38.6

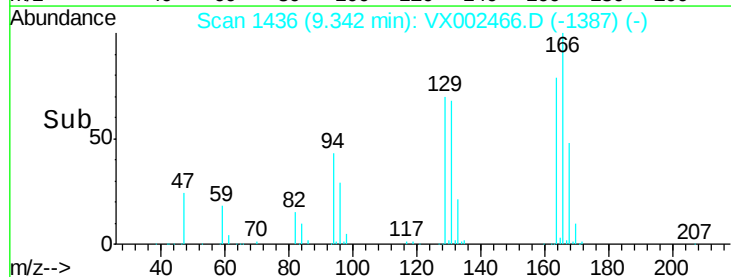
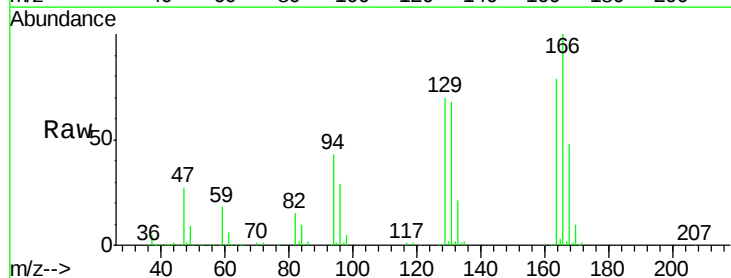
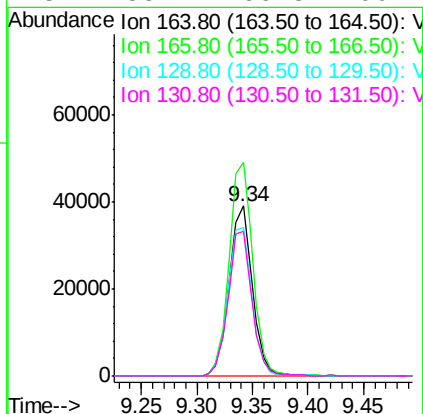
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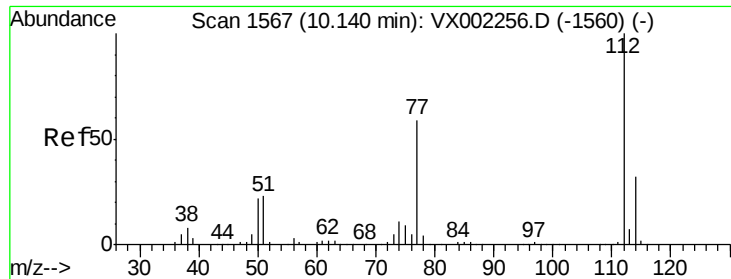
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#64
Tetrachloroethene
Concen: 18.806 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002466.D
Acq: 12 Jun 2018 15:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.8	102.9	154.3
129	87.7	68.6	102.8
131	85.1	66.8	100.2





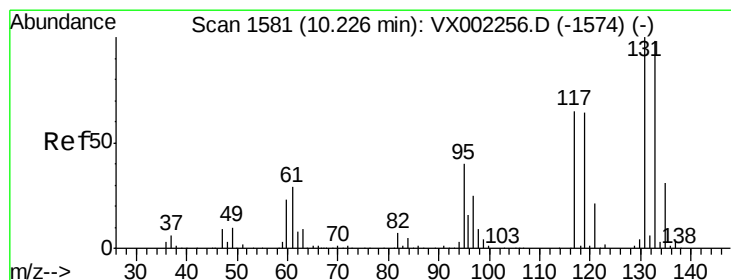
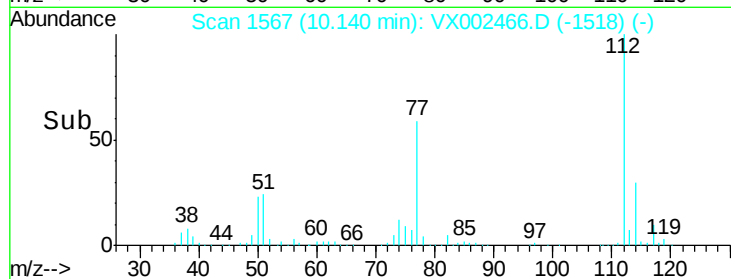
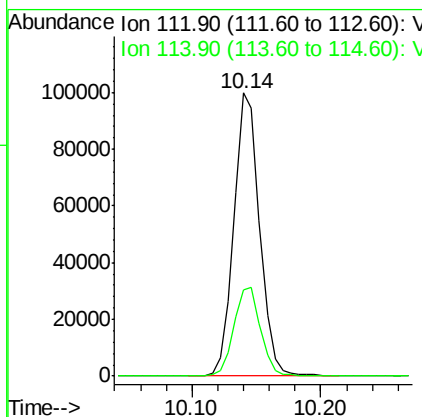
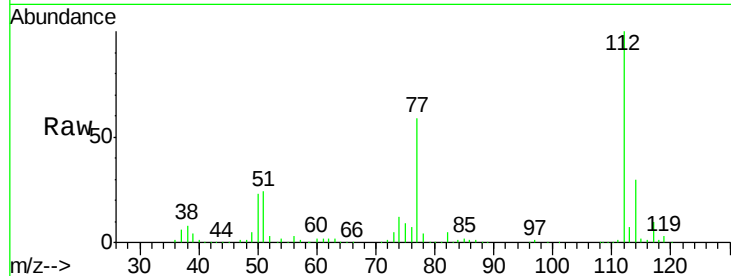
#65
Chlorobenzene
Concen: 19.028 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002466.D
Acq: 12 Jun 2018 15:04

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD02

Tot Ion:112 Resp: 138996
Ion Ratio Lower Upper
112 100
114 30.5 25.3 37.9

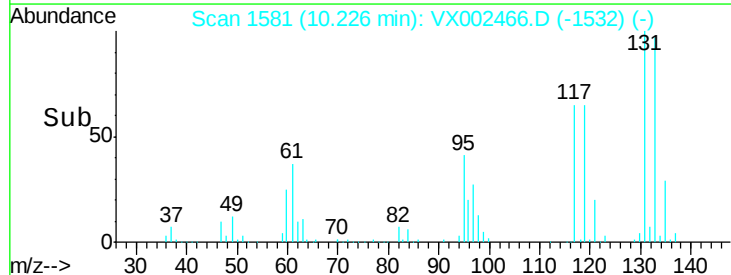
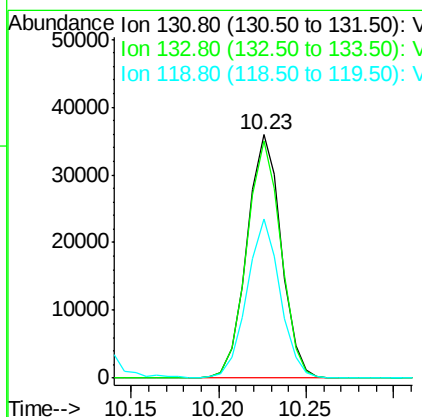
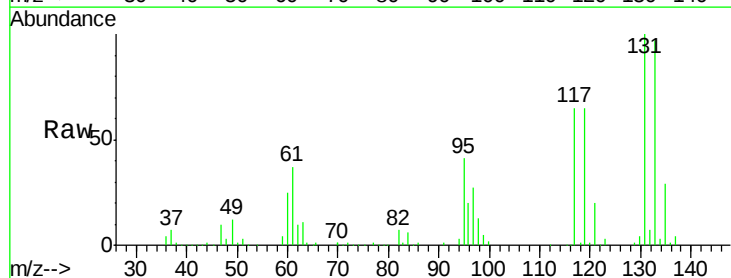
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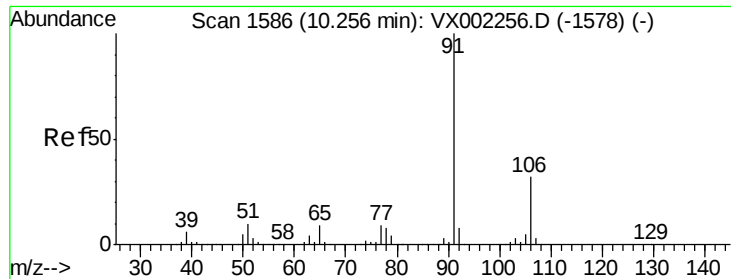
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.473 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002466.D
Acq: 12 Jun 2018 15:04

Tgt Ion:131 Resp: 48860
Ion Ratio Lower Upper
131 100
133 97.1 47.9 143.6
119 63.5 31.8 95.3





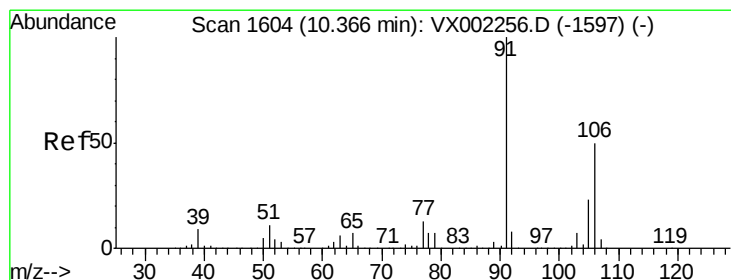
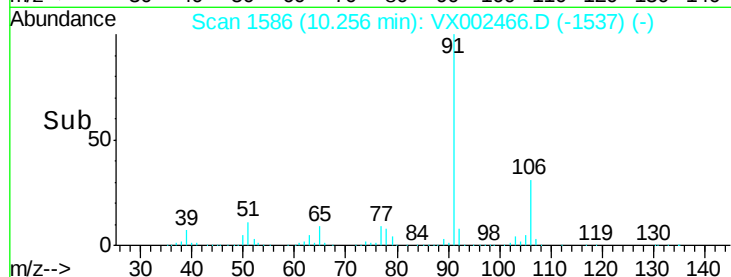
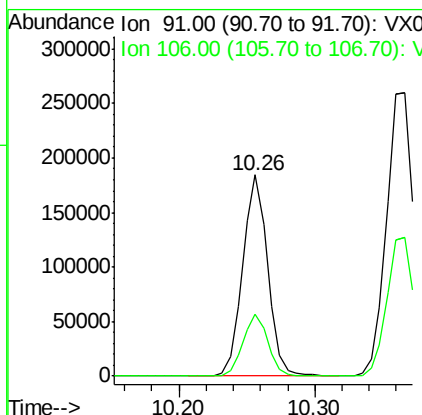
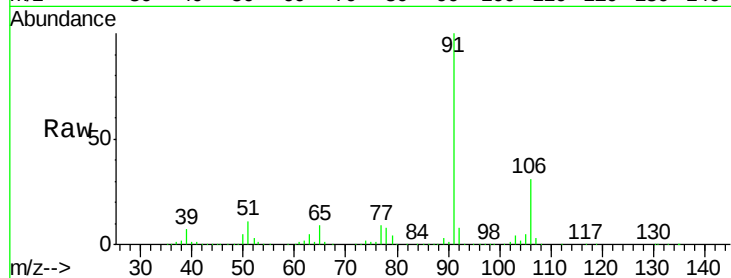
#67
Ethyl Benzene
Concen: 19.325 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002466.D
Acq: 12 Jun 2018 15:04

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD02

Tot Ion: 91 Resp: 236245
Ion Ratio Lower Upper
91 100
106 31.1 25.5 38.3

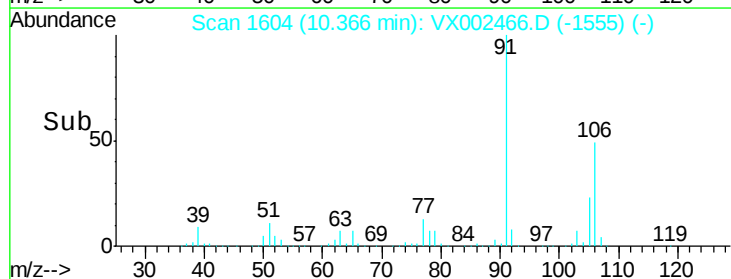
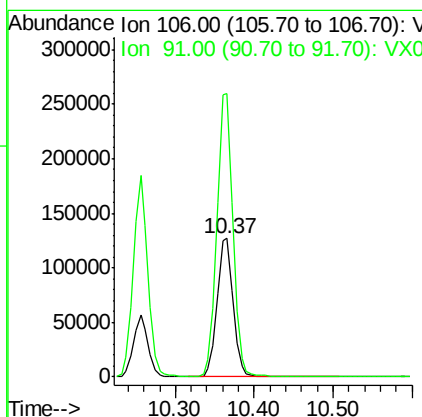
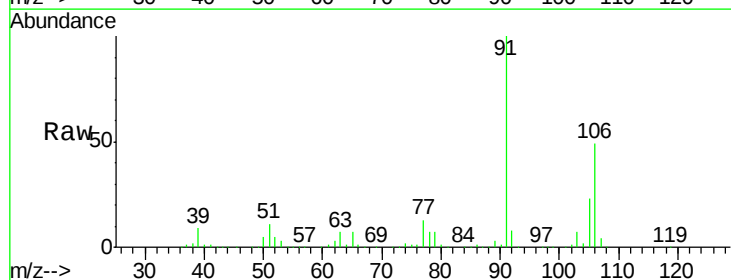
Manual Integrations
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#68
m/p-Xylenes
Concen: 38.001 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002466.D
Acq: 12 Jun 2018 15:04

Tgt Ion: 106 Resp: 180582
Ion Ratio Lower Upper
106 100
91 204.8 163.4 245.2





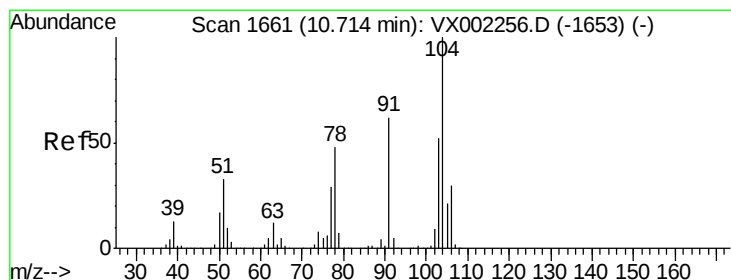
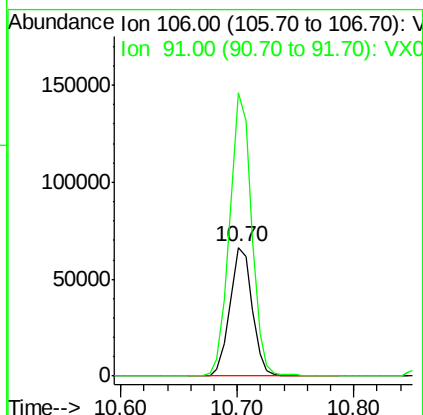
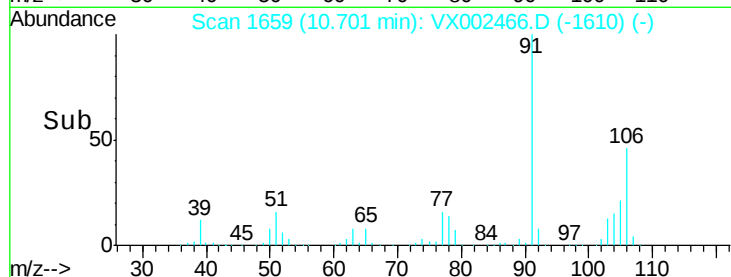
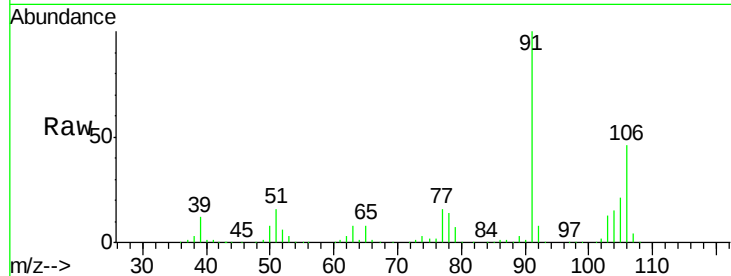
#69
o-Xylene
Concen: 18.775 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002466.D
Acq: 12 Jun 2018 15:04

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD02

Tot Ion:106 Resp: 88787
Ion Ratio Lower Upper
106 100
91 218.2 108.2 324.6

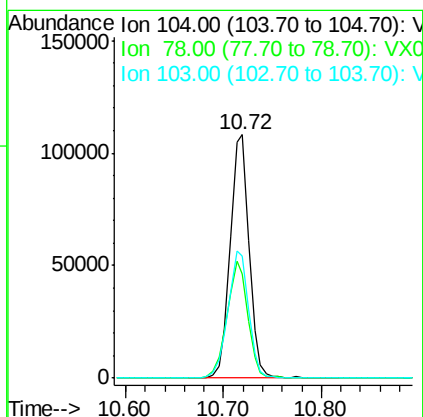
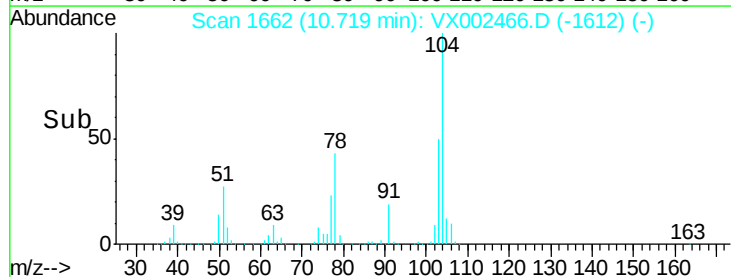
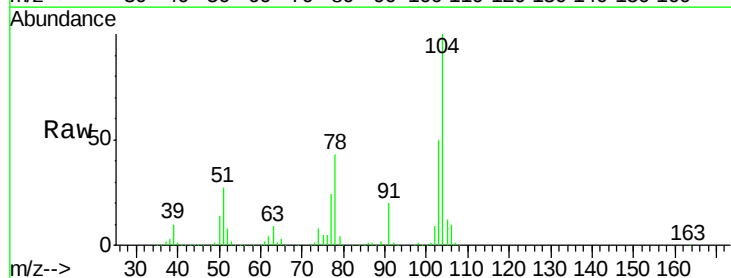
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#70
Styrene
Concen: 18.883 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VX002466.D
Acq: 12 Jun 2018 15:04

Tgt Ion:104 Resp: 145987
Ion Ratio Lower Upper
104 100
78 52.6 41.0 61.6
103 57.2 44.2 66.4





#71

Bromoform

Concen: 17.036 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002466.D

Acq: 12 Jun 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD02

Tot Ion:173 Resp: 34556

Ion Ratio Lower Upper

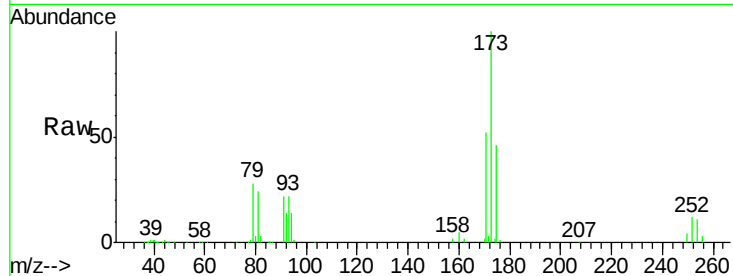
173 100

175 47.6 24.7 74.1

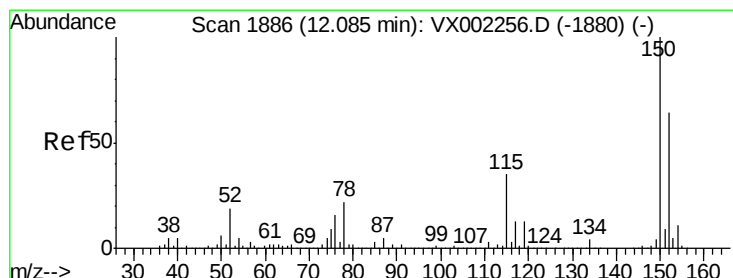
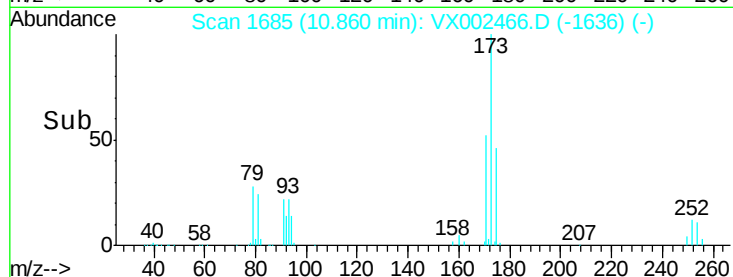
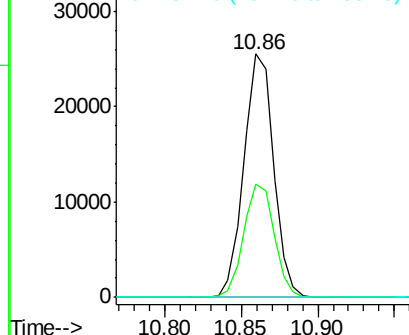
254 0.0 0.2 0.2#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002466.D

Acq: 12 Jun 2018 15:04

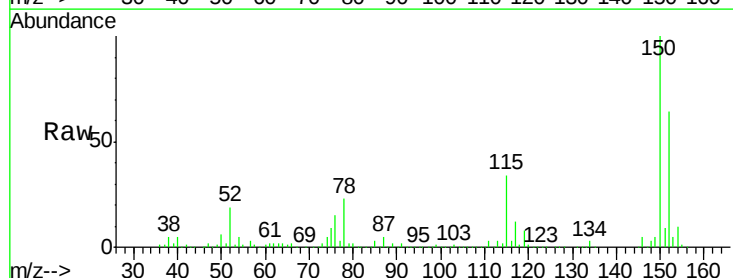
Tgt Ion:152 Resp: 179414

Ion Ratio Lower Upper

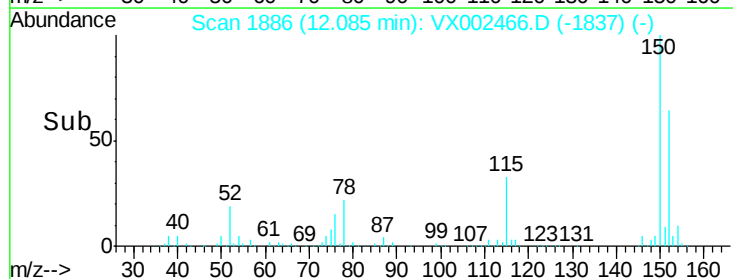
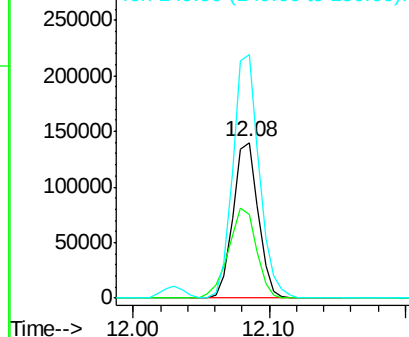
152 100

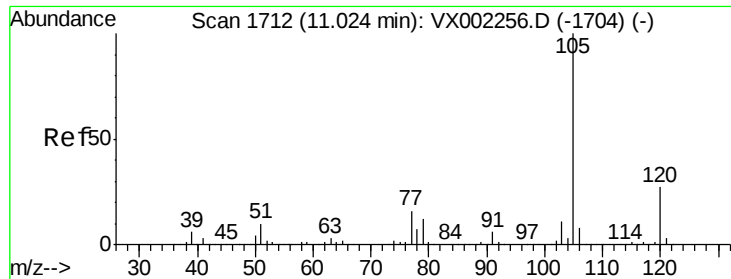
115 64.3 40.1 120.2

150 163.9 0.0 347.2



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





#73

Isopropylbenzene

Concen: 19.509 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002466.D

Acq: 12 Jun 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD02

Tot Ion:105 Resp: 243495

Ion Ratio Lower Upper

105 100

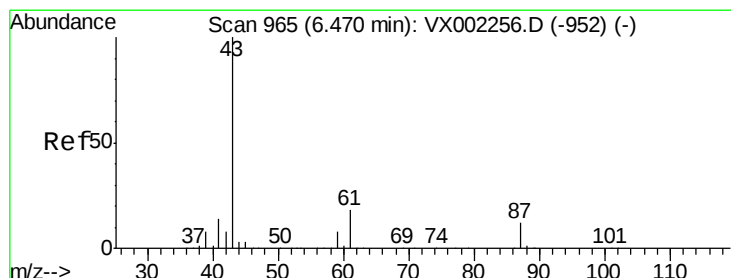
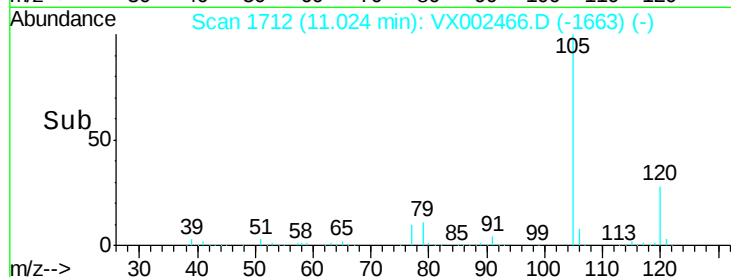
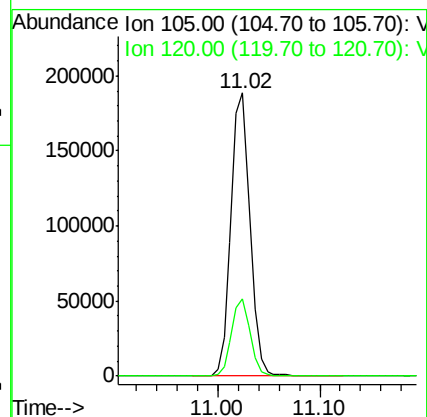
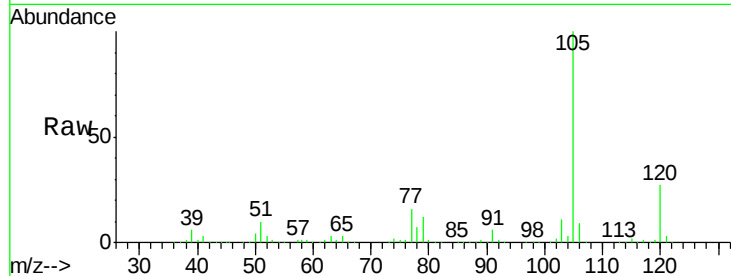
120 26.7 13.5 40.4

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#74

N-ethyl acetate

Concen: 17.734 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002466.D

Acq: 12 Jun 2018 15:04

Tgt Ion: 43 Resp: 119265

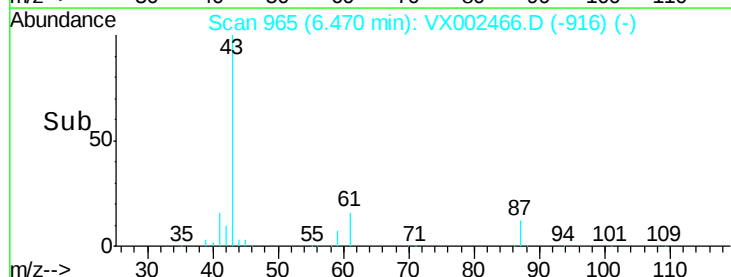
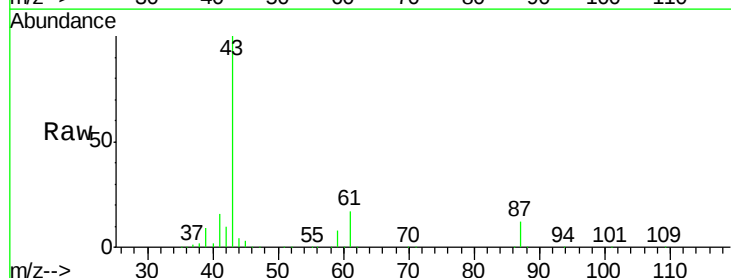
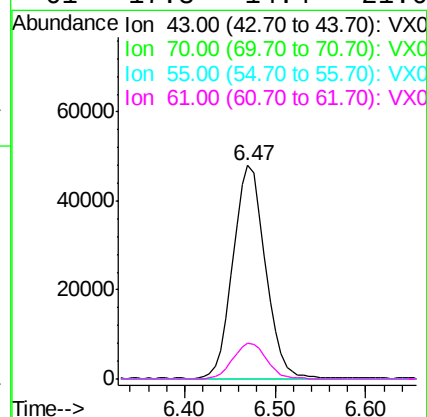
Ion Ratio Lower Upper

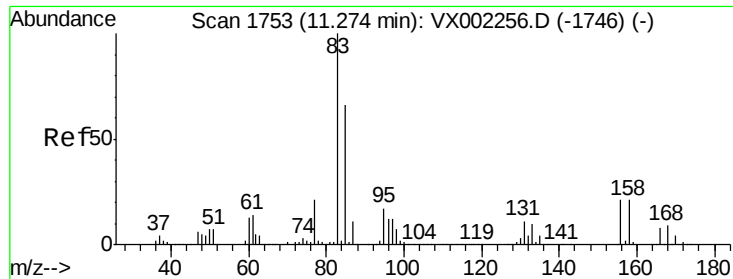
43 100

70 0.1 0.0 0.0#

55 0.1 0.0 0.0#

61 17.3 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.441 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002466.D

Acq: 12 Jun 2018 15:04

Instrument :

MSVOA_X

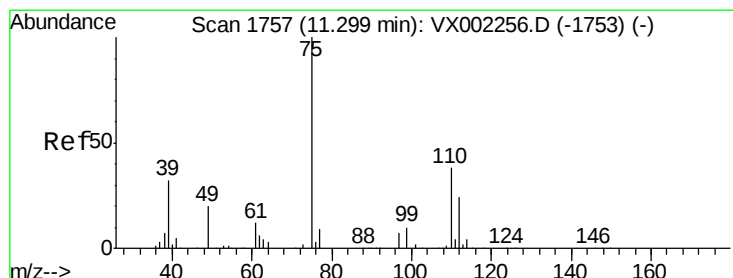
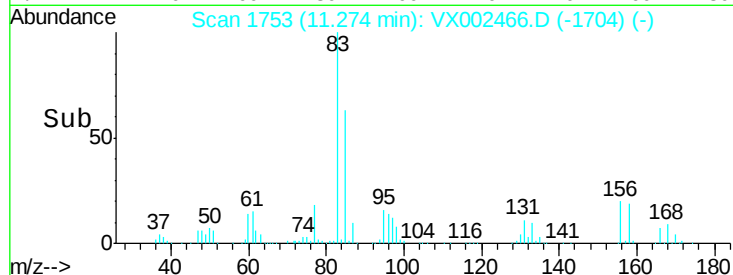
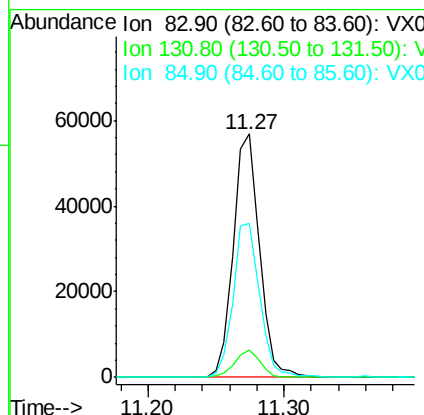
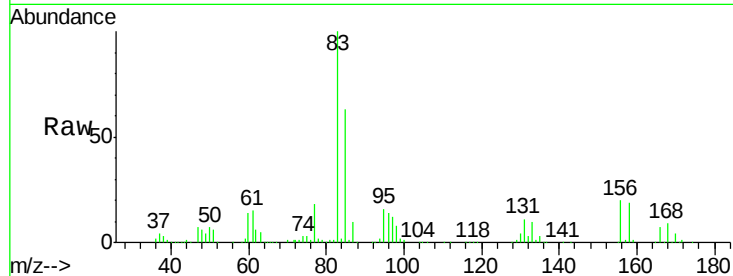
ClientSampleId :

VX0612WBSD02

Tot Ion	83	Resp	76314
Ion Ratio	100	Lower	Upper
83	100		
131	11.0	5.6	16.8
85	64.5	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 18.934 ug/l m

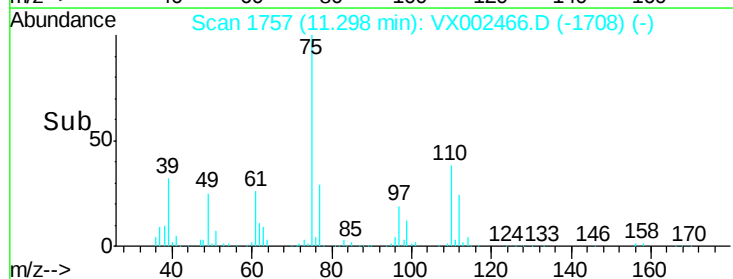
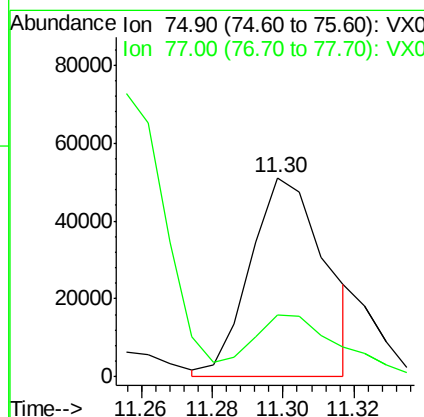
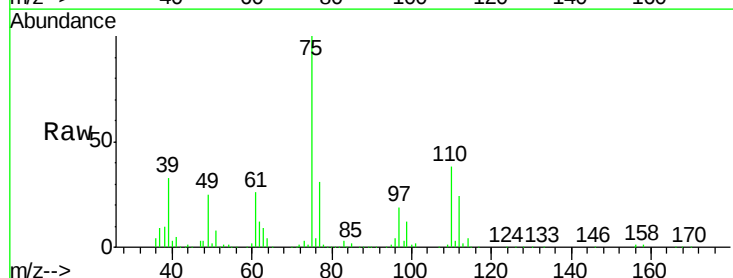
RT: 11.30 min Scan# 1757

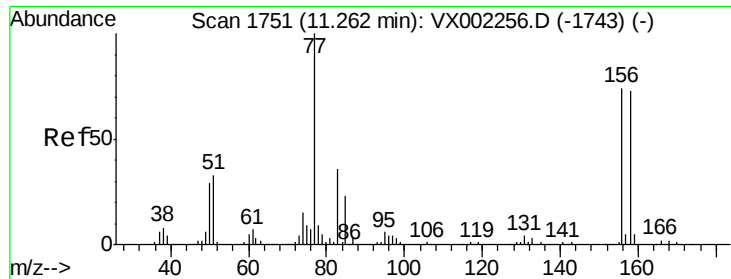
Delta R.T. -0.00 min

Lab File: VX002466.D

Acq: 12 Jun 2018 15:04

Tgt Ion	75	Resp	74539
Ion Ratio	100	Lower	Upper
75	100		
77	36.9	22.8	68.3





#77

Bromobenzene

Concen: 18.700 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002466.D

Acq: 12 Jun 2018 15:04

Instrument :

MSVOA_X

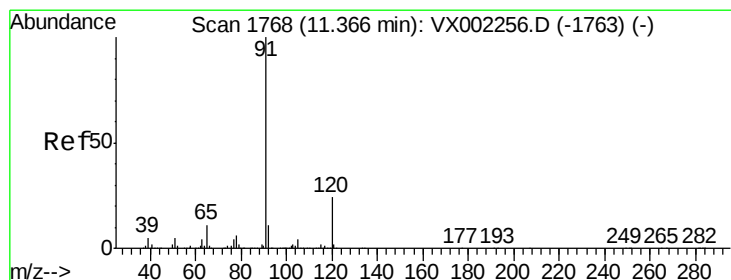
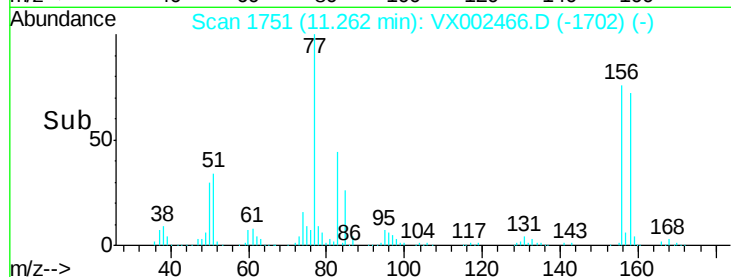
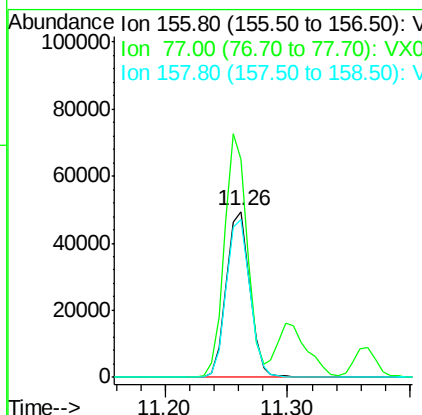
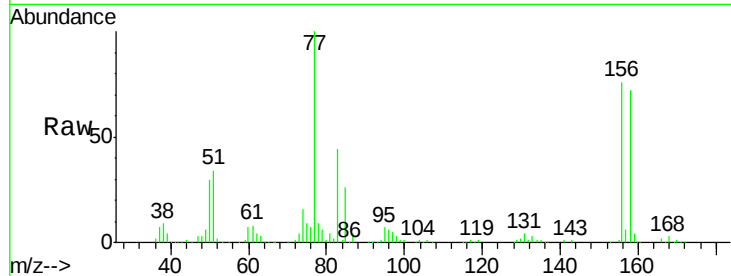
ClientSampleId :

VX0612WBSD02

Tot Ion:	156	Resp:	65521
Ion	Ratio	Lower	Upper
156	100		
77	142.8	71.4	214.2
158	96.4	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 20.091 ug/l

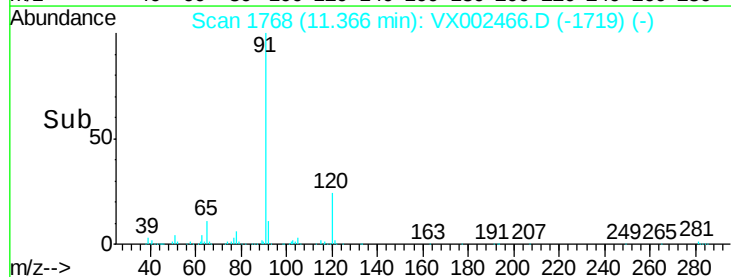
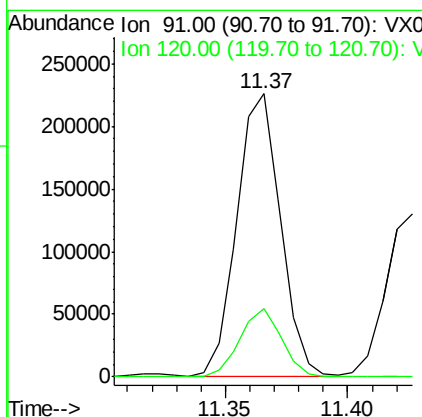
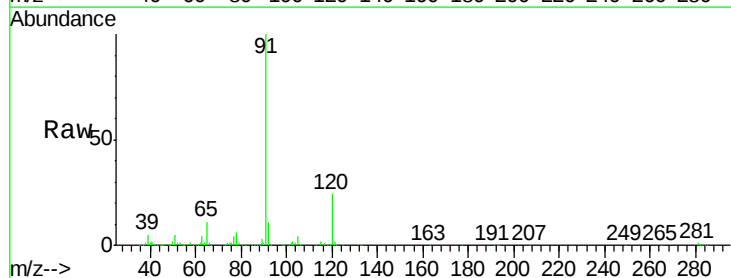
RT: 11.37 min Scan# 1768

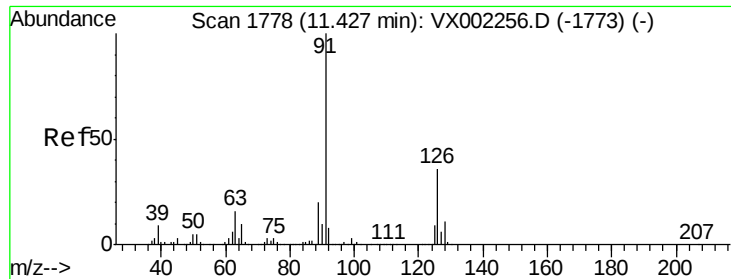
Delta R.T. -0.00 min

Lab File: VX002466.D

Acq: 12 Jun 2018 15:04

Tgt Ion:	91	Resp:	278710
Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.8	35.4





#79

2-Chlorotoluene

Concen: 18.650 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002466.D

Acq: 12 Jun 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD02

Tot Ion: 91 Resp: 163361

Ion Ratio Lower Upper

91 100

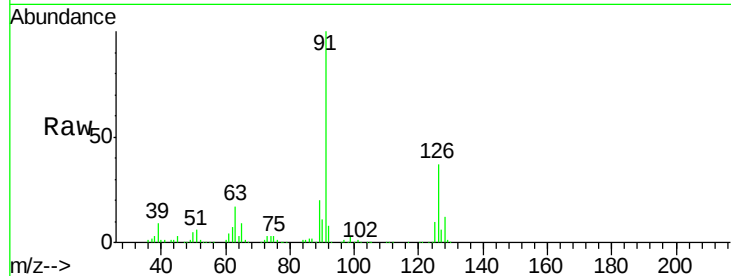
126 36.4 17.7 53.1

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Abundance Ion 91.00 (90.70 to 91.70): VX002256.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX002256.D (-1773) (-)

250000

200000

150000

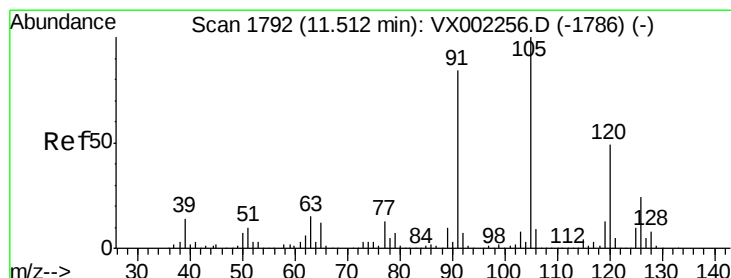
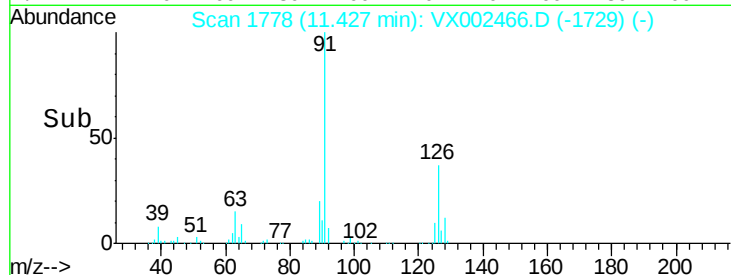
100000

50000

0

11.40 11.43 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.292 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002466.D

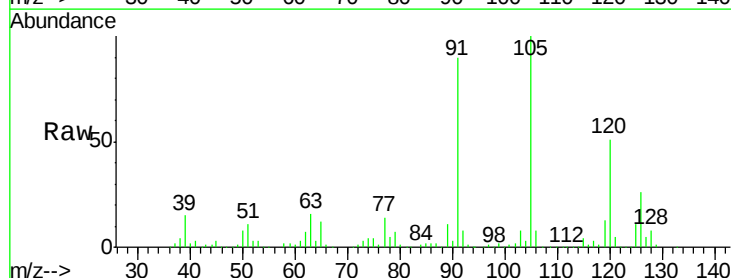
Acq: 12 Jun 2018 15:04

Tgt Ion: 105 Resp: 206523

Ion Ratio Lower Upper

105 100

120 48.6 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002256.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX002256.D (-1786) (-)

200000

150000

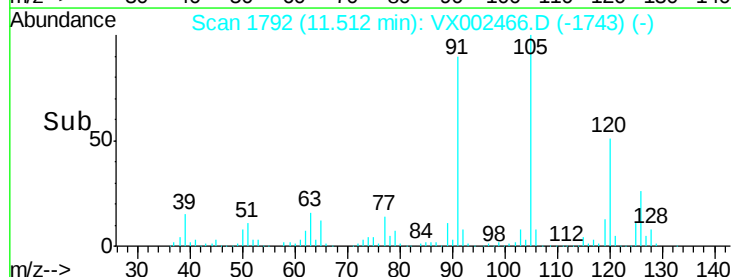
100000

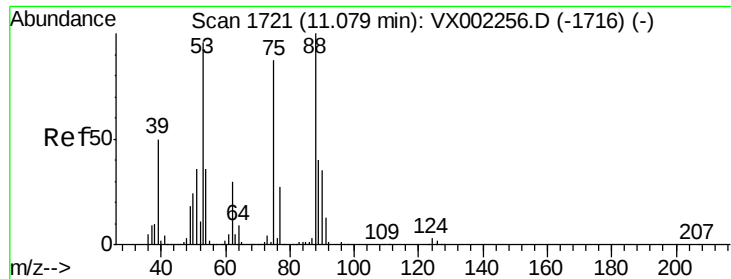
50000

0

11.50 11.51 11.52

Time-->





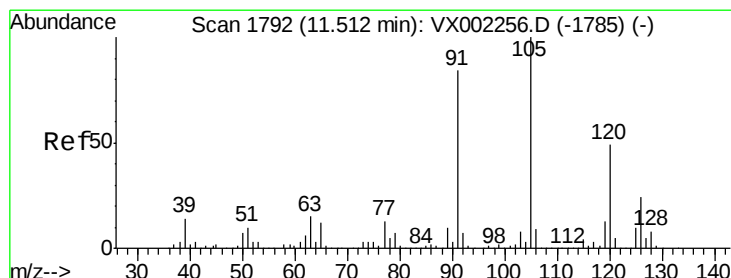
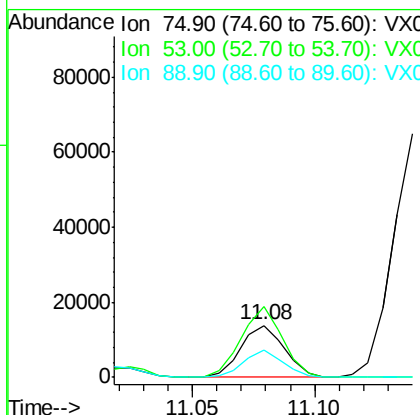
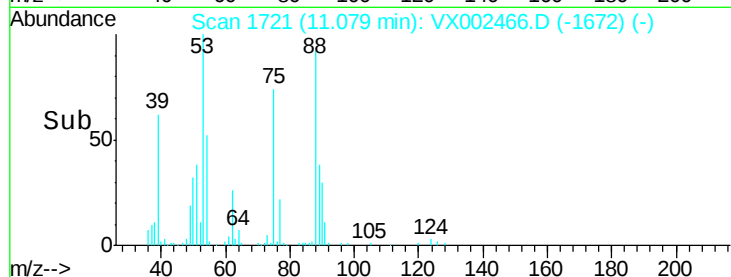
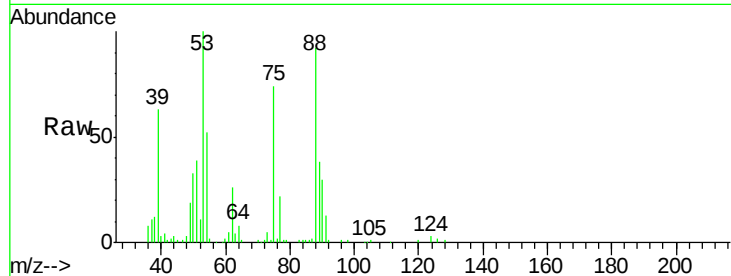
#81
trans-1,4-Dichloro-2-butene
Concen: 15.067 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002466.D
Acq: 12 Jun 2018 15:04

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	130.2	86.8	130.2
89	49.6	38.2	57.2

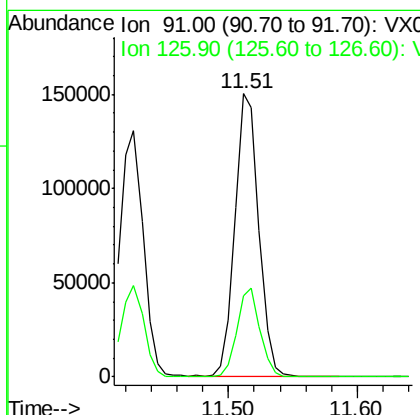
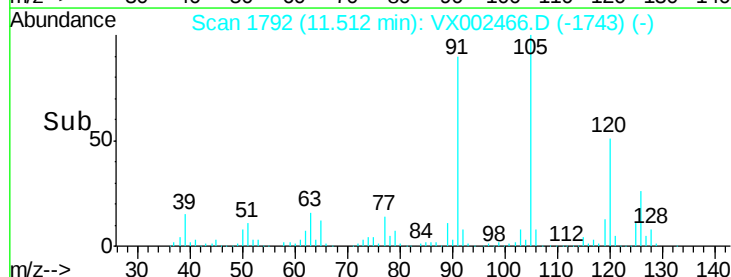
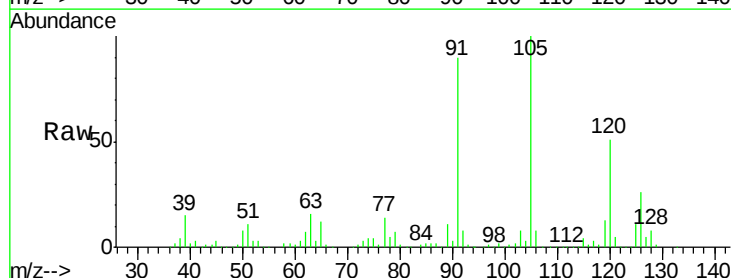
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#82
4-Chlorotoluene
Concen: 19.241 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002466.D
Acq: 12 Jun 2018 15:04

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.2	15.4	46.4





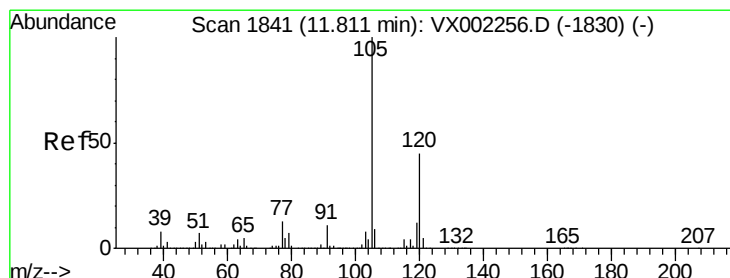
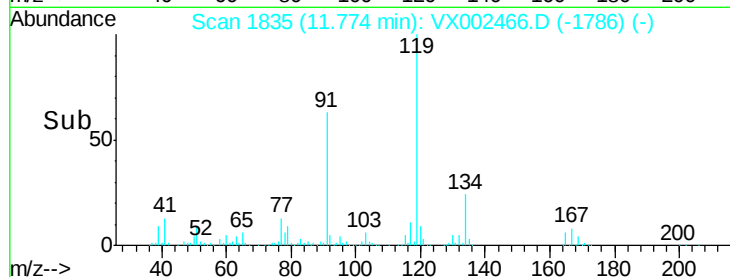
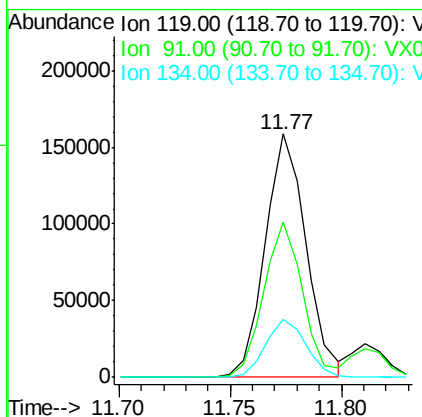
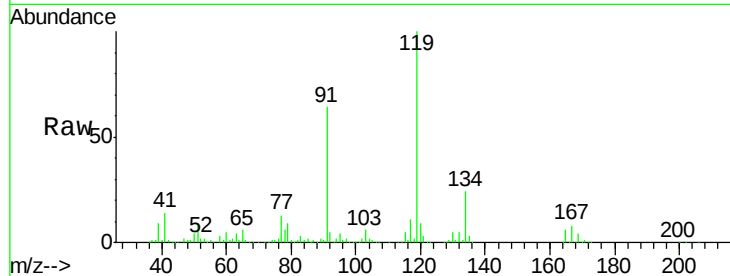
#83
 tert-Butylbenzene
 Concen: 19.392 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002466.D
 Acq: 12 Jun 2018 15:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	202156		
91	61.2		30.3	90.9
134	23.7		11.7	35.1

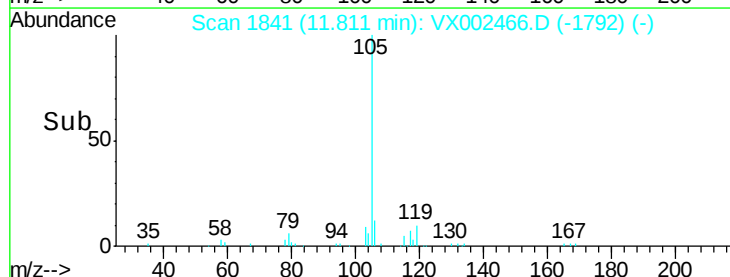
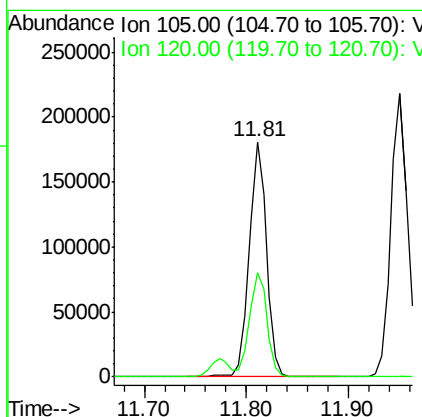
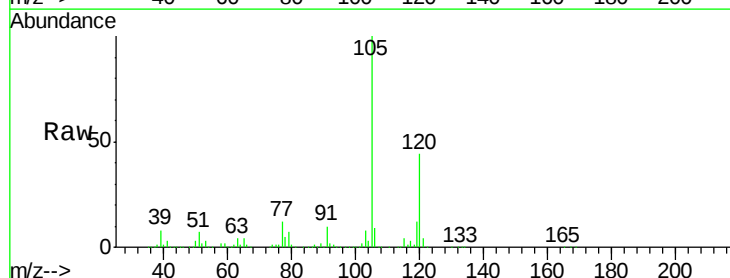
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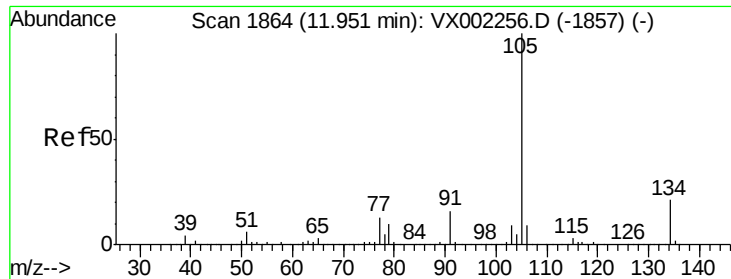
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.417 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002466.D
 Acq: 12 Jun 2018 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	213967		
120	44.6		22.3	66.8





#85

sec-Butylbenzene

Concen: 20.661 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002466.D

Acq: 12 Jun 2018 15:04

Instrument :

MSVOA_X

ClientSampleID :

VX0612WBSD02

Tot Ion:105 Resp: 252502

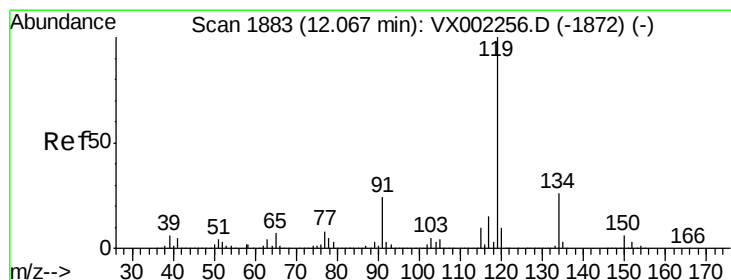
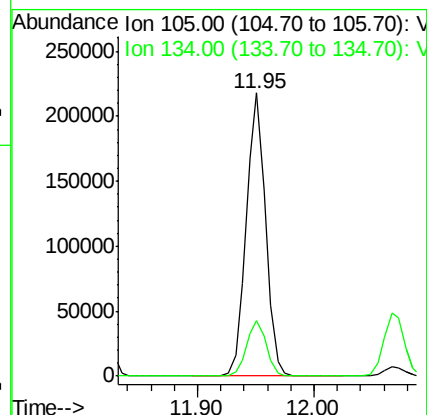
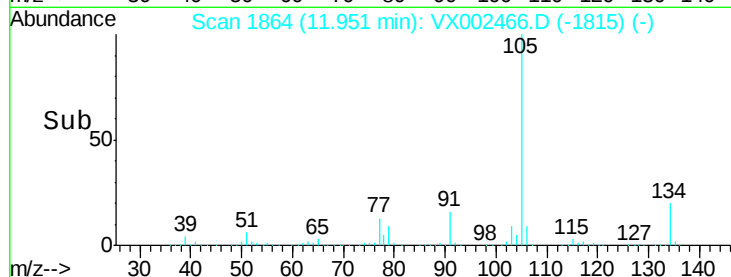
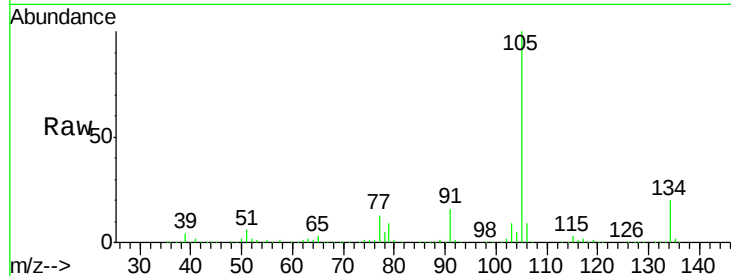
Ion Ratio Lower Upper

105 100

134 20.0 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 19.935 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002466.D

Acq: 12 Jun 2018 15:04

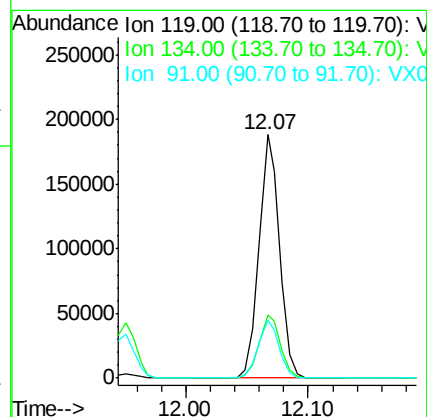
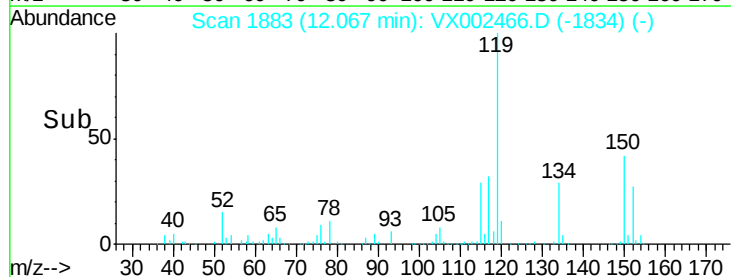
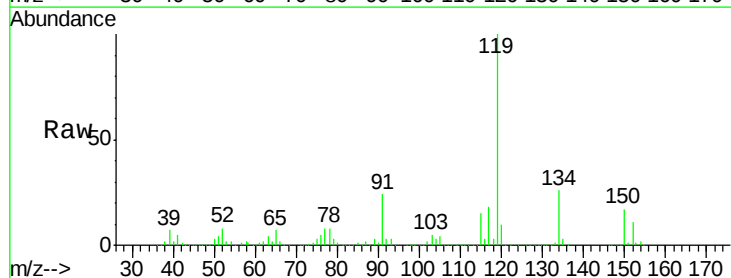
Tgt Ion:119 Resp: 221911

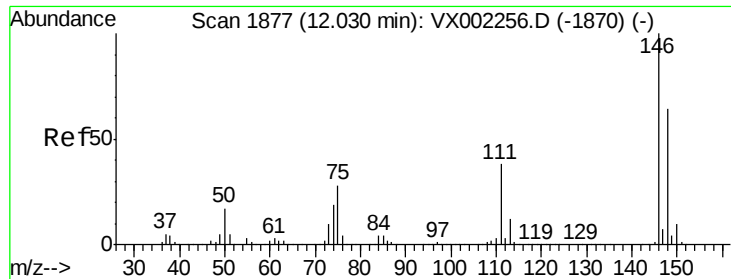
Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

91 24.4 11.9 35.7





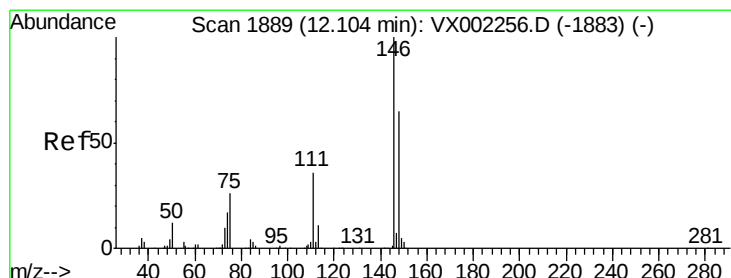
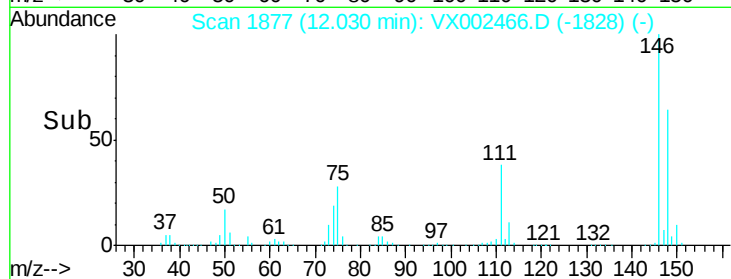
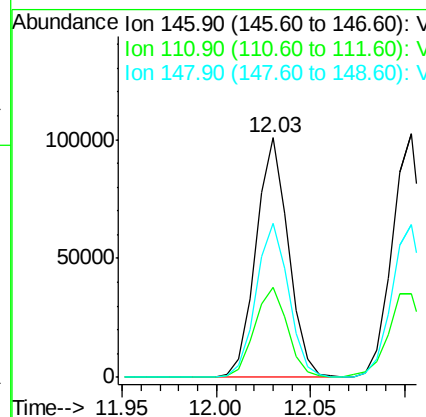
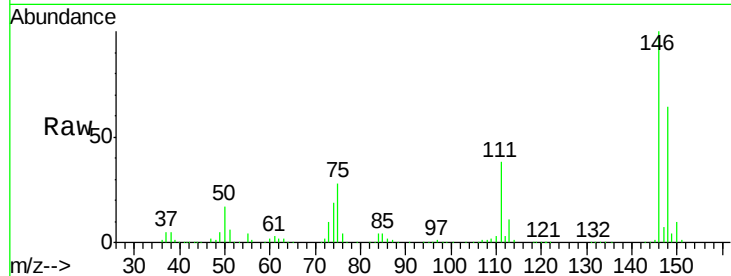
#87
 1,3-Dichlorobenzene
 Concen: 19.096 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002466.D
 Acq: 12 Jun 2018 15:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.9	56.7
148	64.7	32.1	96.3

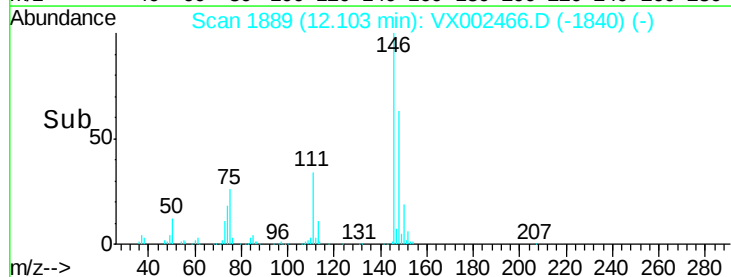
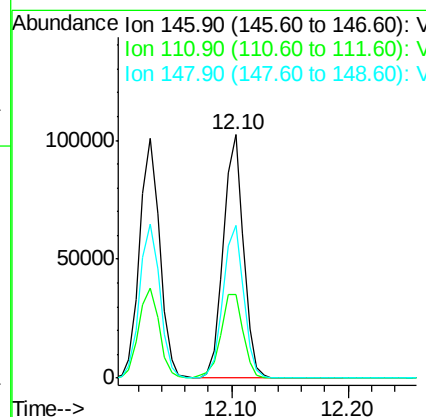
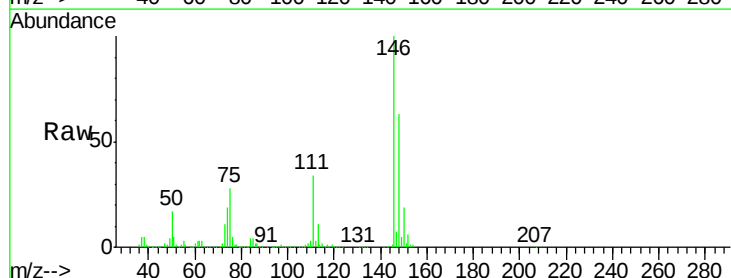
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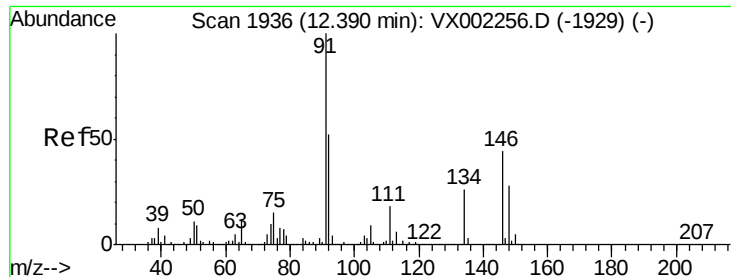
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#88
 1,4-Dichlorobenzene
 Concen: 18.854 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002466.D
 Acq: 12 Jun 2018 15:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.7	56.1
148	64.2	32.4	97.0





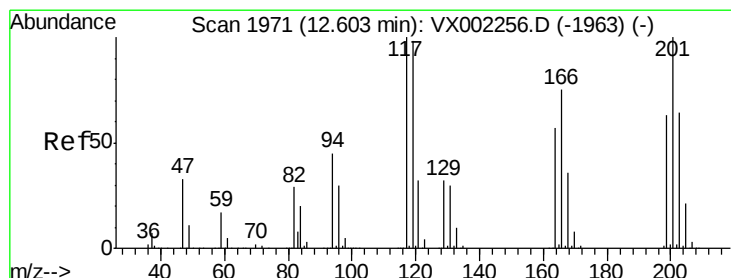
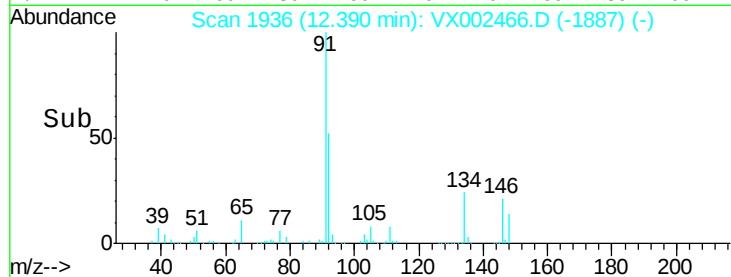
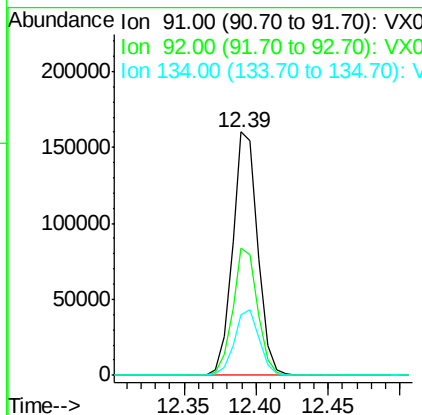
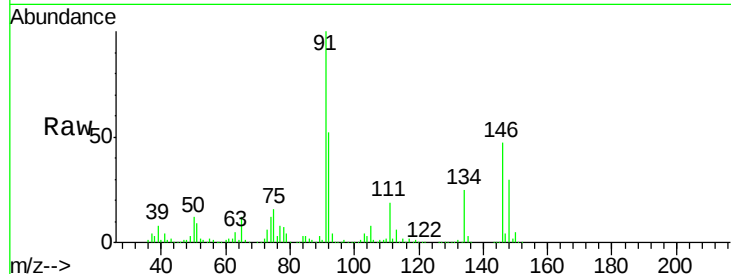
#89
n-Butylbenzene
Concen: 20.921 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002466.D
Acq: 12 Jun 2018 15:04

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.0	78.0
134	26.7	13.5	40.5

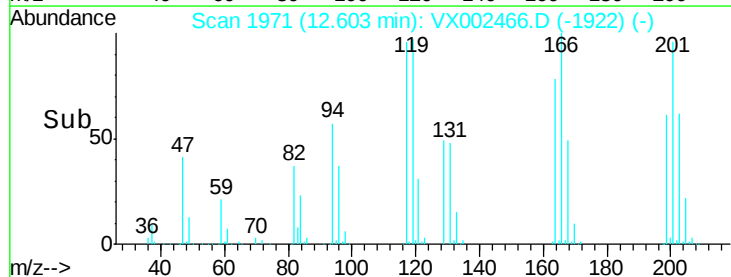
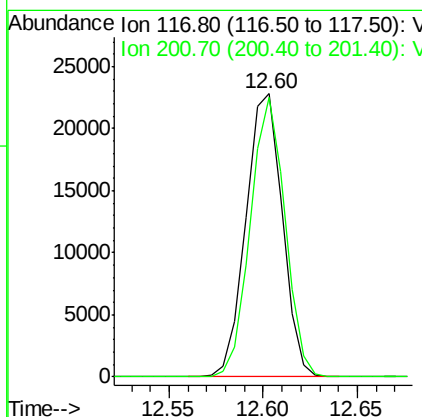
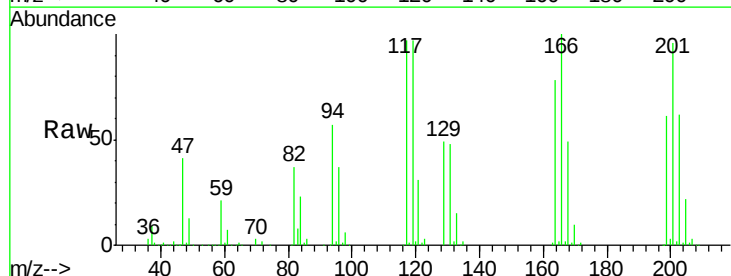
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#90
Hexachloroethane
Concen: 17.220 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002466.D
Acq: 12 Jun 2018 15:04

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.6	49.0	147.0





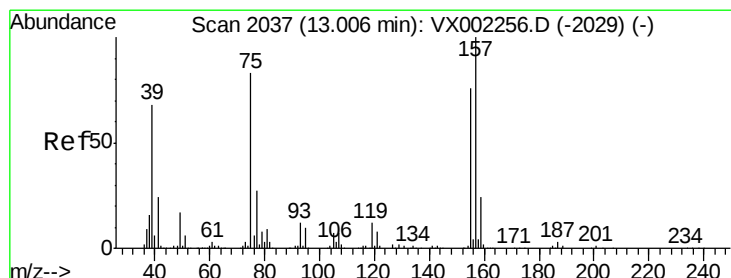
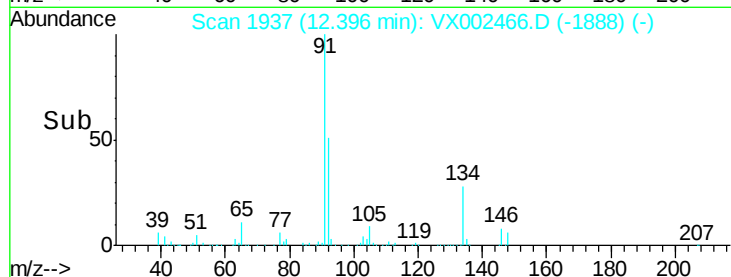
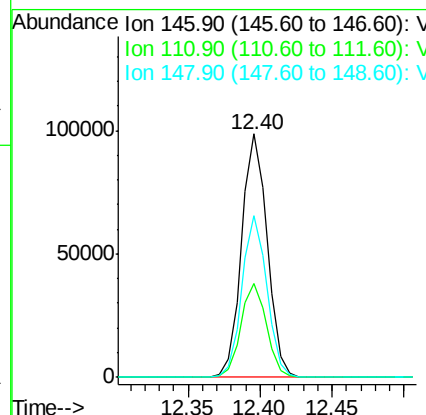
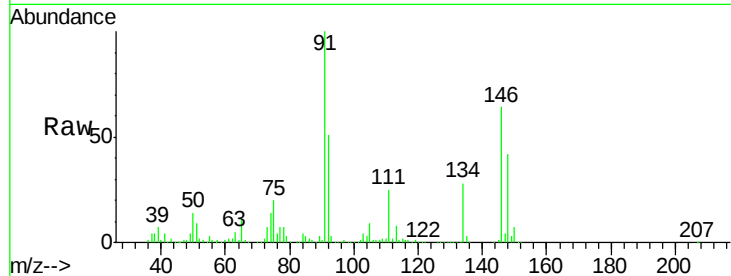
#91
 1,2-Dichlorobenzene
 Concen: 18.905 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002466.D
 Acq: 12 Jun 2018 15:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.4	58.1
148	64.5	31.7	95.1

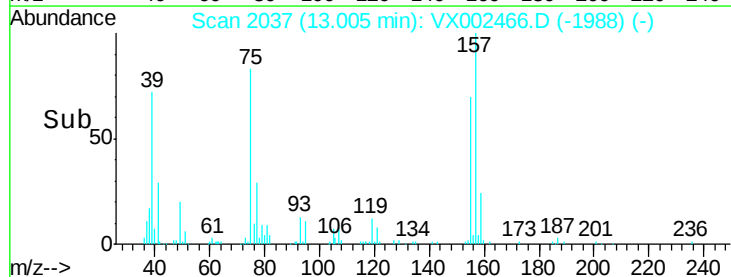
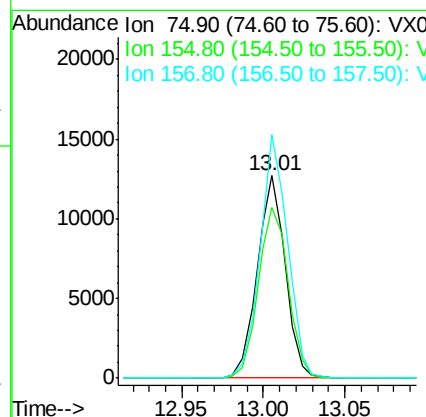
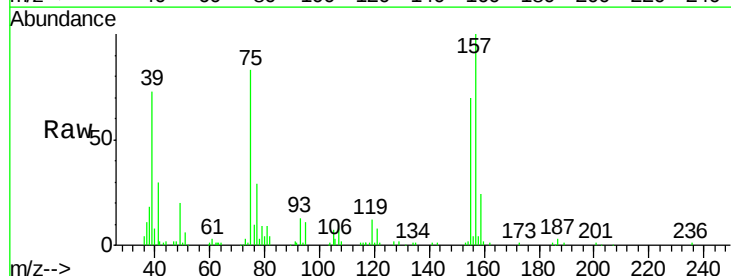
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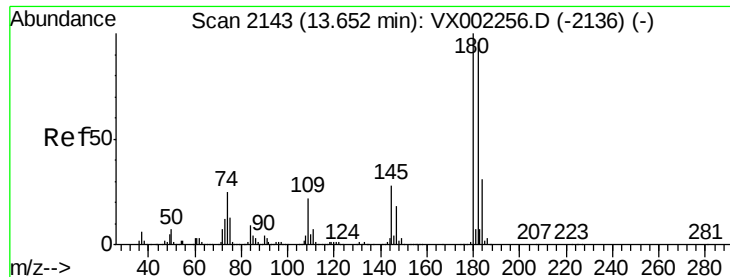
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.697 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002466.D
 Acq: 12 Jun 2018 15:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.5	45.8	137.4
157	118.6	60.1	180.3





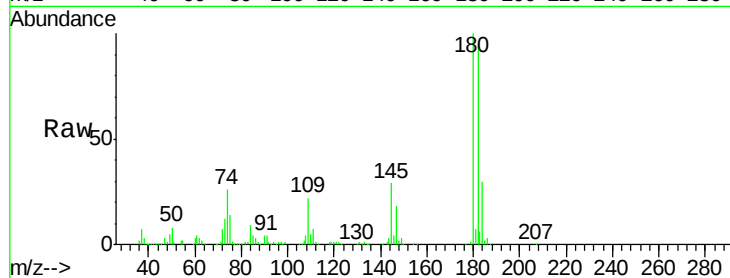
#93
 1,2,4-Trichlorobenzene
 Concen: 18.940 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002466.D
 Acq: 12 Jun 2018 15:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBSD02

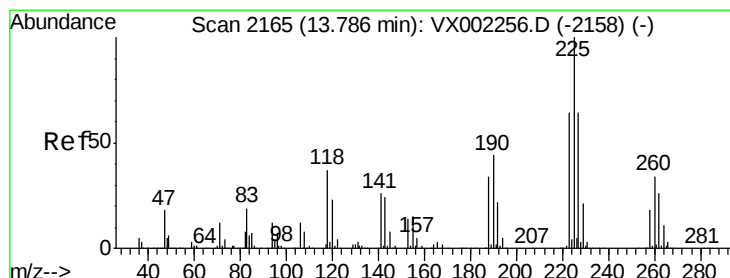
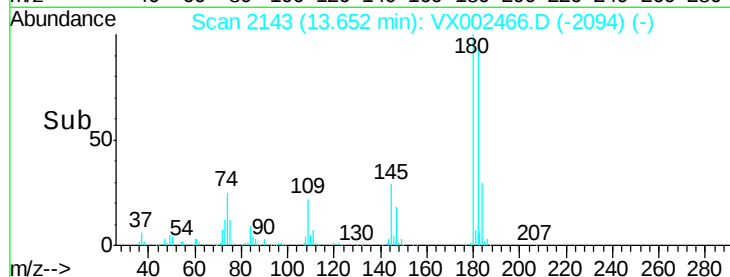
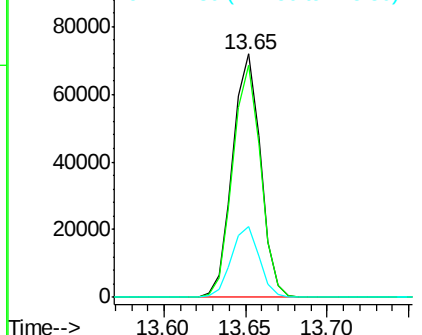
Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.3	47.7	143.1	
145	28.9	14.1	42.4	

Manual Integrations
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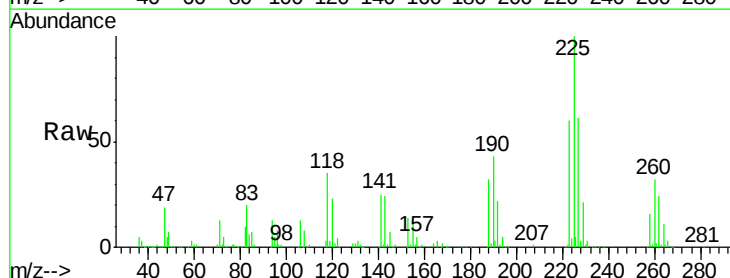


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

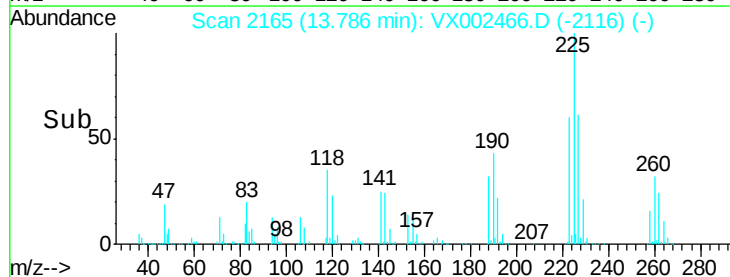
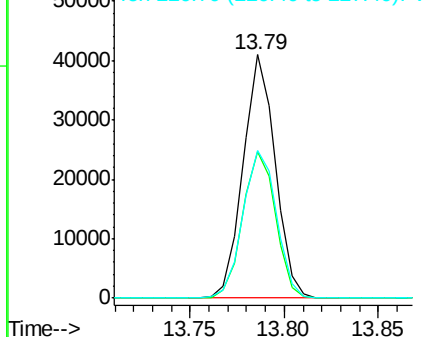


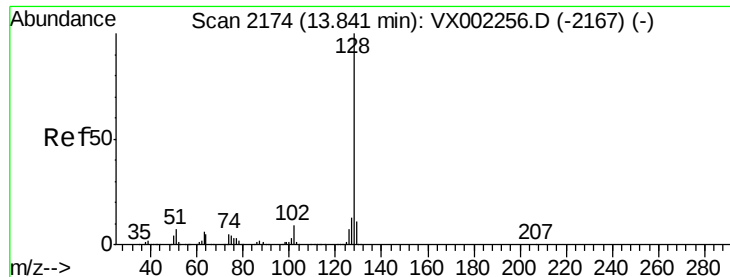
#94
 Hexachlorobutadiene
 Concen: 21.569 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002466.D
 Acq: 12 Jun 2018 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.0	31.6	95.0	
227	63.5	32.4	97.2	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.170 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002466.D

Acq: 12 Jun 2018 15:04

Instrument :

MSVOA_X

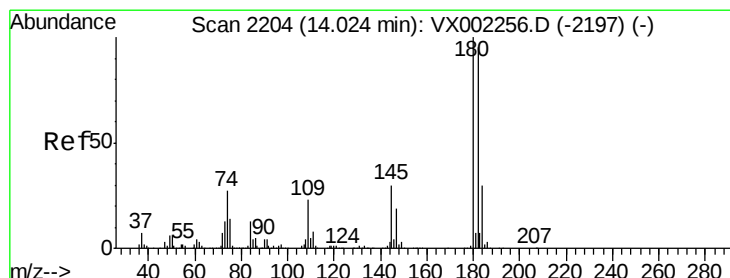
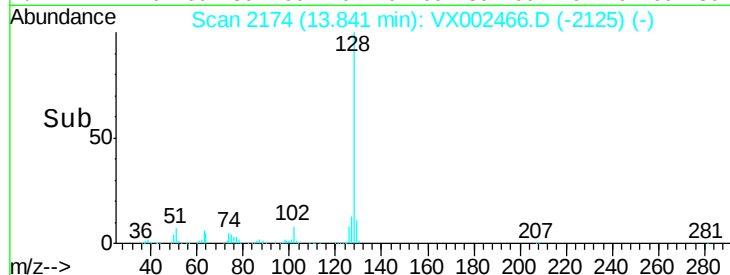
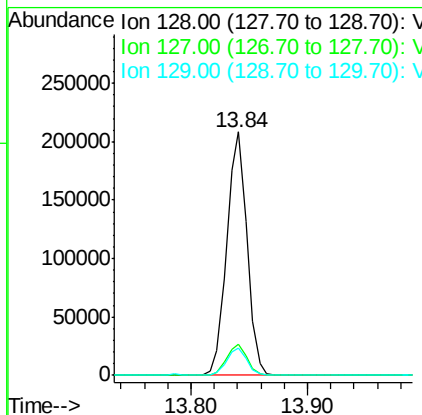
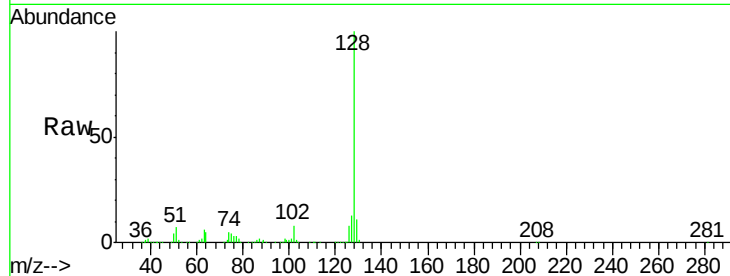
ClientSampleId :

VX0612WBSD02

Tot Ion:	128	Resp:	250344
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.1	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/13/2018 1:59:36 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.320 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002466.D

Acq: 12 Jun 2018 15:04

Tgt Ion:	180	Resp:	89558
Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.0	144.0
145	29.7	14.8	44.3

