

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081518\
 Data File : VX004112.D
 Acq On : 16 Aug 2018 09:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/16/2018 4:40:28 PM

Quant Time: Aug 16 14:22:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	297551	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	449008	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	392107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	261202	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	207557	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
35) Dibromofluoromethane	5.51	113	174547	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
50) Toluene-d8	8.72	98	675433	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
62) 4-Bromofluorobenzene	11.14	95	232060	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	144836	50.00	ug/l	100
3) Chloromethane	1.32	50	170023	47.83	ug/l	99
4) Vinyl Chloride	1.40	62	187520	48.76	ug/l	98
5) Bromomethane	1.64	94	102128	52.41	ug/l	98
6) Chloroethane	1.72	64	128230	50.72	ug/l	98
7) Trichlorofluoromethane	1.93	101	263413	48.83	ug/l	99
8) Diethyl Ether	2.18	74	116836	49.61	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	158228	47.01	ug/l	100
10) Methyl Iodide	2.51	142	183228	50.88	ug/l	100
11) Tert butyl alcohol	3.04	59	191561	226.91	ug/l	100
12) 1,1-Dichloroethene	2.37	96	154172	49.25	ug/l	97
13) Acrolein	2.29	56	108592	192.23	ug/l	100
14) Allyl chloride	2.73	41	265691	44.61	ug/l	97
15) Acrylonitrile	3.14	53	505372	240.09	ug/l	100
16) Acetone	2.44	43	519383	238.28	ug/l	99
17) Carbon Disulfide	2.57	76	423611	47.71	ug/l	99
18) Methyl Acetate	2.77	43	237411	49.01	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	545546	49.47	ug/l	100
20) Methylene Chloride	2.86	84	181331	50.91	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	170426	47.94	ug/l	98
22) Diisopropyl ether	3.87	45	614311	52.64	ug/l	97
23) Vinyl Acetate	3.82	43	2534696	264.42	ug/l	99
24) 1,1-Dichloroethane	3.70	63	340676	51.54	ug/l	100
25) 2-Butanone	4.70	43	848837	239.34	ug/l	99
26) 2,2-Dichloropropane	4.59	77	108641	20.67	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	201167	50.32	ug/l	92
28) Bromochloromethane	5.02	49	159926	52.73	ug/l	99
29) Tetrahydrofuran	5.15	42	436527	240.92	ug/l	99
30) Chloroform	5.21	83	329163	51.02	ug/l	98
31) Cyclohexane	5.57	56	285568	49.28	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	279883	51.91	ug/l	99
36) 1,1-Dichloropropene	5.80	75	247203	48.38	ug/l	100
37) Ethyl Acetate	4.85	43	263041	47.28	ug/l	99
38) Carbon Tetrachloride	5.78	117	246190	49.59	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	280576	48.40	ug/l	99
40) Benzene	6.15	78	768403	50.08	ug/l	100
41) Methacrylonitrile	5.06	41	145429	46.67	ug/l	99
42) 1,2-Dichloroethane	6.20	62	262531	48.88	ug/l	100
43) Isopropyl Acetate	6.46	43	405695	49.47	ug/l	100
44) Trichloroethene	7.21	130	202169	48.54	ug/l	94
45) 1,2-Dichloropropane	7.52	63	196650	50.07	ug/l	100
46) Dibromomethane	7.67	93	127348	49.62	ug/l	99
47) Bromodichloromethane	7.90	83	246258	50.66	ug/l	99
48) Methyl methacrylate	7.78	41	214574	51.97	ug/l	99
49) 1,4-Dioxane	7.76	88	85858	923.70	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1719113	255.64	ug/l	100
52) Toluene	8.79	92	488936	50.39	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	244392	46.54	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	270566	46.52	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	198496	49.54	ug/l	98
56) Ethyl methacrylate	9.18	69	291372	53.47	ug/l	99
57) 1,3-Dichloropropane	9.37	76	334154	50.26	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	758684	273.44	ug/l	100
59) 2-Hexanone	9.50	43	1307134	258.27	ug/l	100
60) Dibromochloromethane	9.59	129	198377	51.45	ug/l	100
61) 1,2-Dibromoethane	9.67	107	204049	49.95	ug/l	100
64) Tetrachloroethene	9.34	164	210350	56.60	ug/l	95
65) Chlorobenzene	10.14	112	508765	50.23	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	183136	53.01	ug/l	98
67) Ethyl Benzene	10.25	91	873567	54.47	ug/l	94
68) m/p-Xylenes	10.36	106	680342	108.32	ug/l	99
69) o-Xylene	10.70	106	328125	54.67	ug/l	96
70) Styrene	10.71	104	563365	55.77	ug/l	98
71) Bromoform	10.86	173	143276	52.30	ug/l	99
73) Isopropylbenzene	11.02	105	915459	51.79	ug/l	98
74) N-amyl acetate	6.46	43	405695	48.80	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	285495	46.25	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	248165m	47.38	ug/l	
77) Bromobenzene	11.26	156	226024	46.39	ug/l	97
78) n-propylbenzene	11.36	91	998828	50.49	ug/l	98
79) 2-Chlorotoluene	11.42	91	576379	47.81	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	735923	50.85	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	65215	38.54	ug/l	97
82) 4-Chlorotoluene	11.51	91	682138	47.87	ug/l	98
83) tert-Butylbenzene	11.77	119	750712	51.44	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	777354	51.86	ug/l	98
85) sec-Butylbenzene	11.94	105	855931	50.11	ug/l	97
86) p-Isopropyltoluene	12.07	119	816641	52.81	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	457726	49.25	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	459954	48.09	ug/l	100
89) n-Butylbenzene	12.39	91	646721	53.08	ug/l	98
90) Hexachloroethane	12.60	117	112836	48.77	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	407800	48.66	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.00	75	53414	49.23	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	294924	51.48	ug/l	100
94) Hexachlorobutadiene	13.79	225	130709	45.51	ug/l	96
95) Naphthalene	13.83	128	949111	51.92	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	324745	51.98	ug/l	98

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

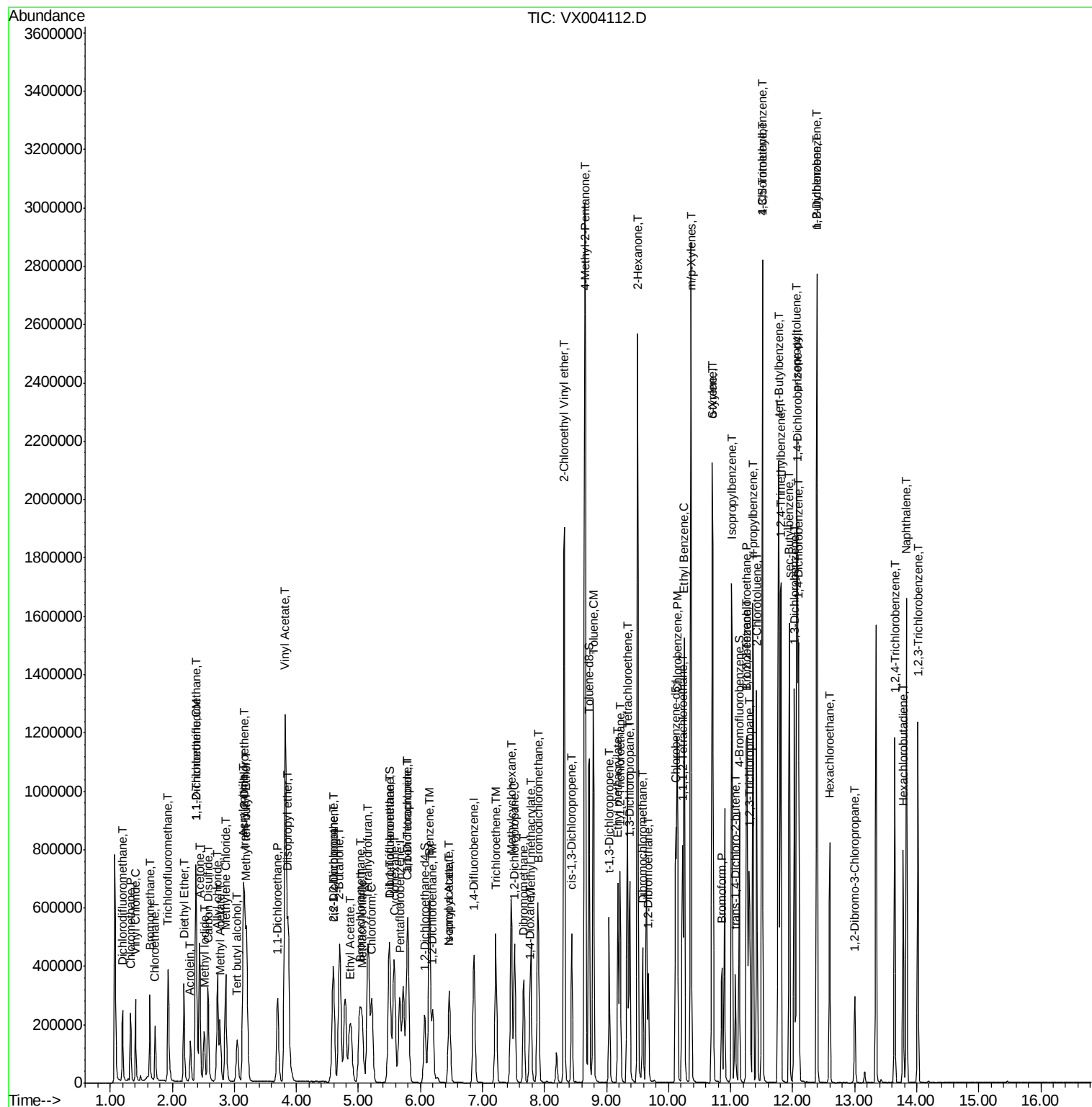
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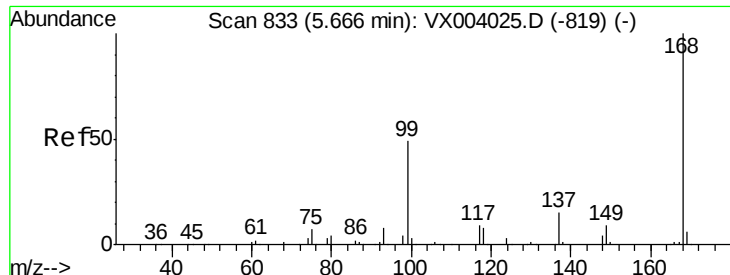
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004112.D

Acq: 16 Aug 2018 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 297551

Ion Ratio Lower Upper

168 100

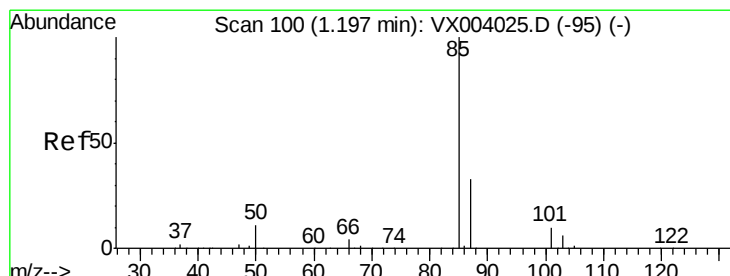
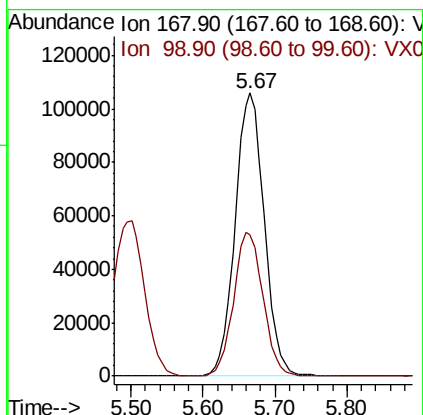
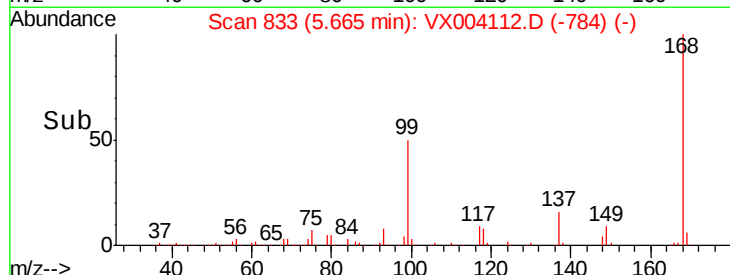
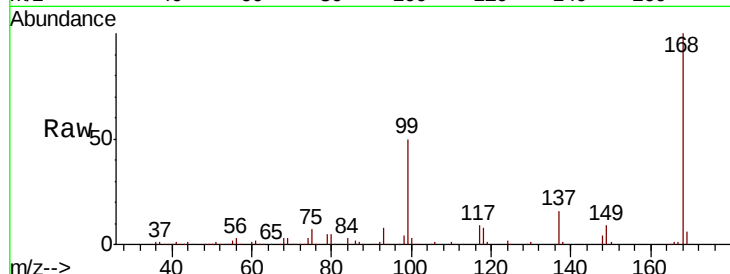
99 49.9 40.1 60.1

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 50.00 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX004112.D

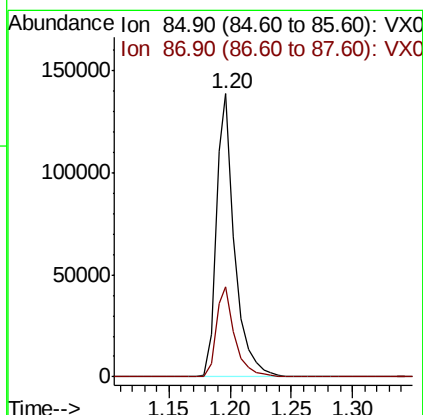
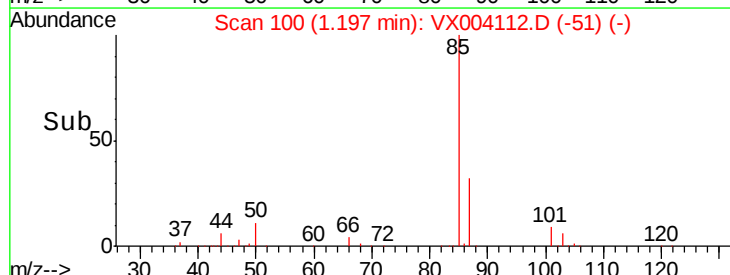
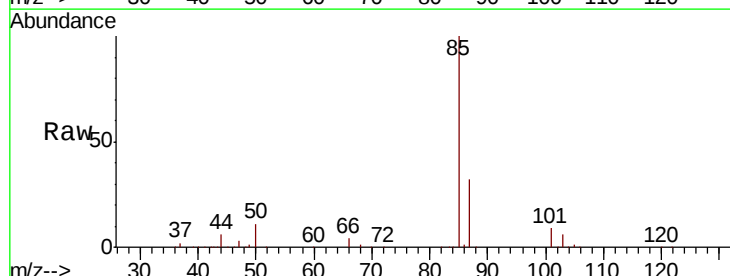
Acq: 16 Aug 2018 09:46

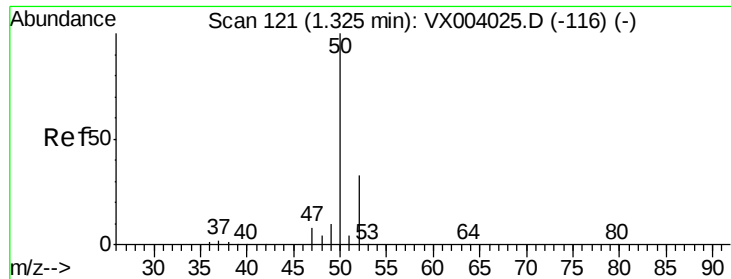
Tgt Ion: 85 Resp: 144836

Ion Ratio Lower Upper

85 100

87 32.0 16.0 48.0





#3

Chloromethane

Concen: 47.83 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX004112.D

Acq: 16 Aug 2018 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 170023

Ion Ratio Lower Upper

50 100

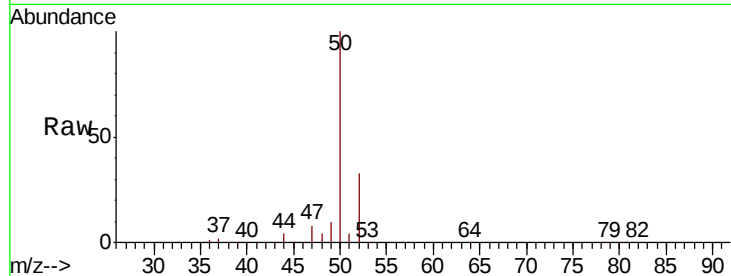
52 32.9 26.6 39.8

Manual Integrations

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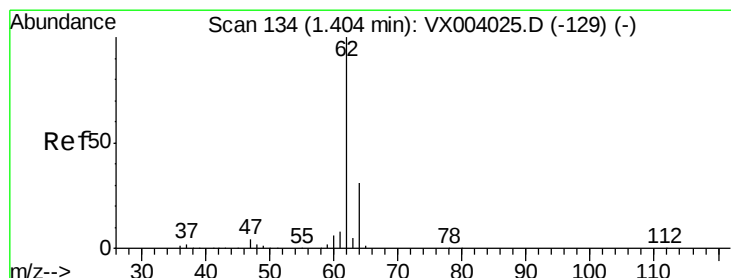
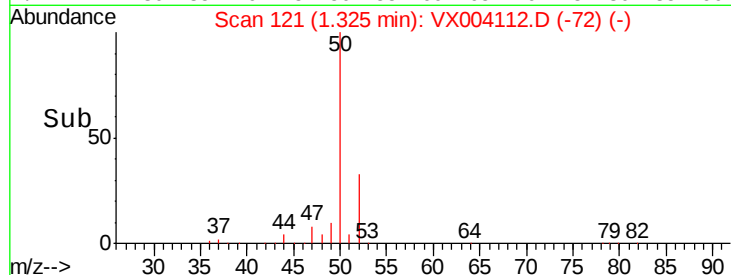
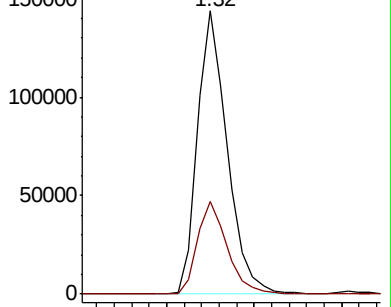
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.76 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004112.D

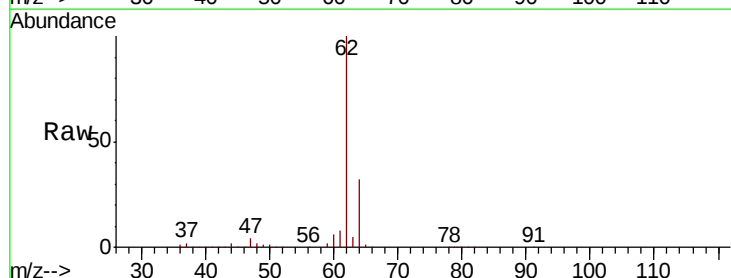
Acq: 16 Aug 2018 09:46

Tgt Ion: 62 Resp: 187520

Ion Ratio Lower Upper

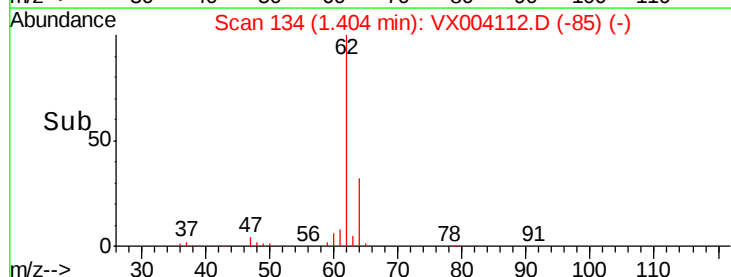
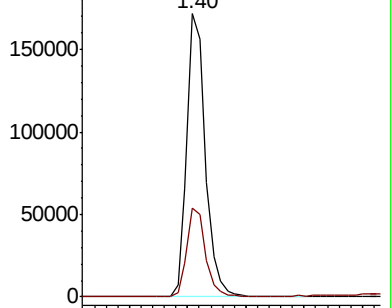
62 100

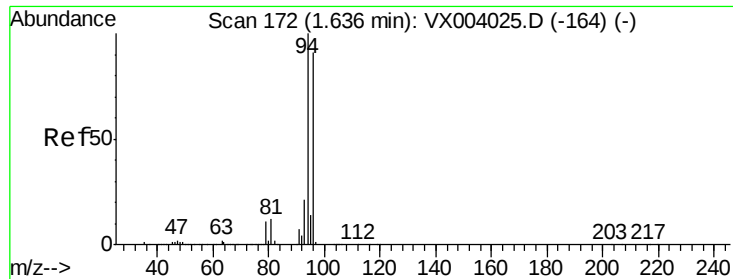
64 31.5 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 52.41 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004112.D

Acq: 16 Aug 2018 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 102128

Ion Ratio Lower Upper

94 100

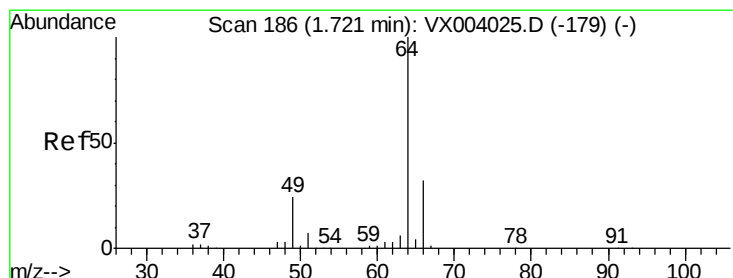
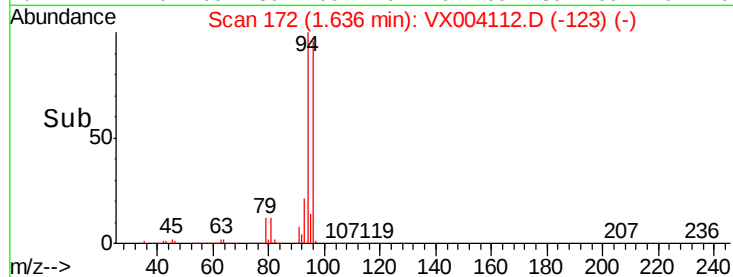
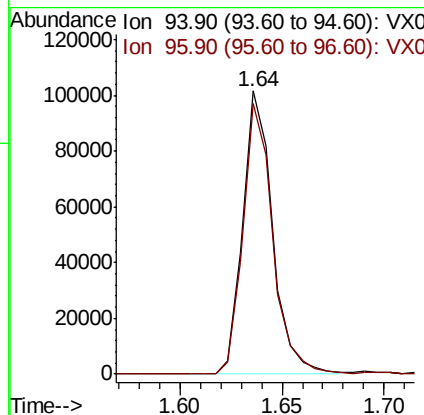
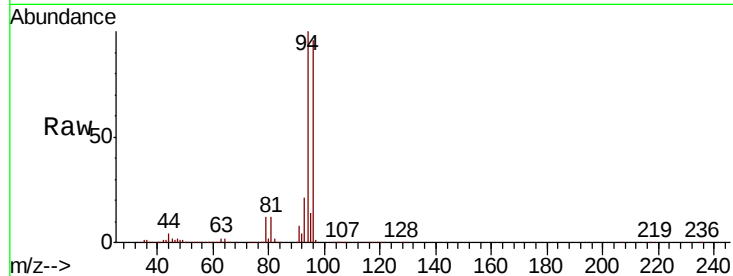
96 95.6 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 50.72 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX004112.D

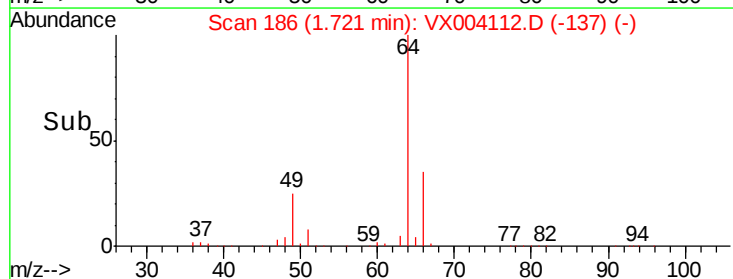
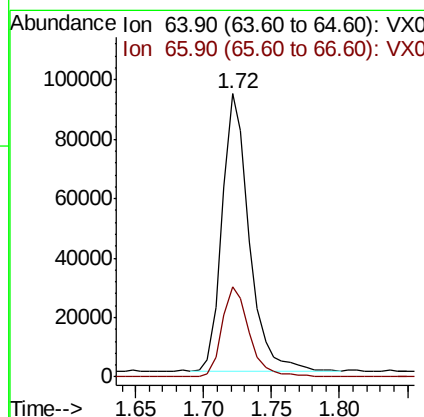
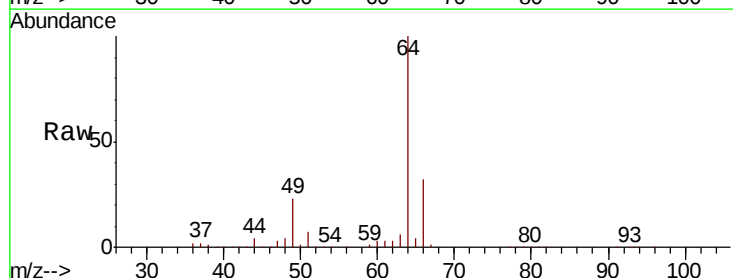
Acq: 16 Aug 2018 09:46

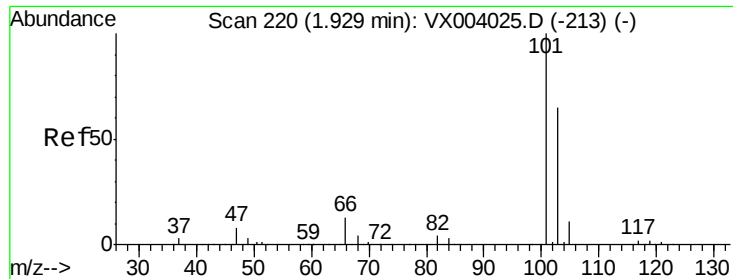
Tgt Ion: 64 Resp: 128230

Ion Ratio Lower Upper

64 100

66 32.2 26.5 39.7





#7

Trichlorofluoromethane

Concen: 48.83 ug/l

RT: 1.93 min Scan# 221

Delta R.T. 0.01 min

Lab File: VX004112.D

Acq: 16 Aug 2018 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:101 Resp: 263413

Ion Ratio Lower Upper

101 100

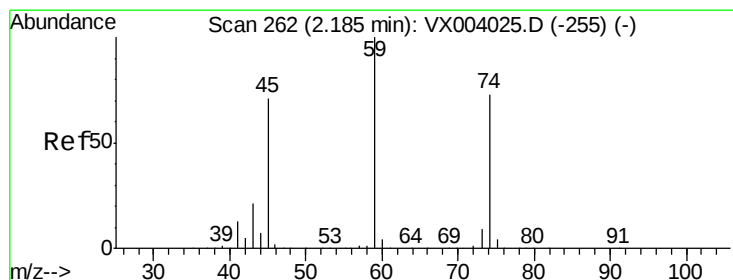
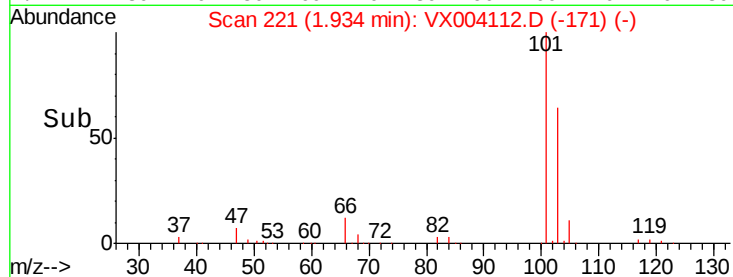
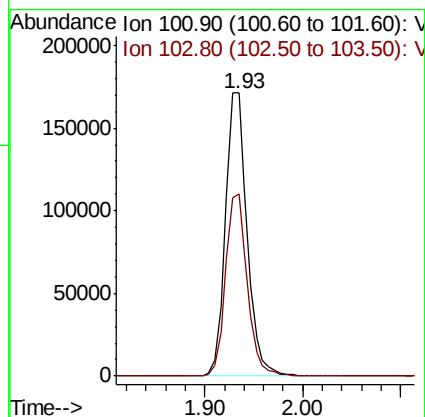
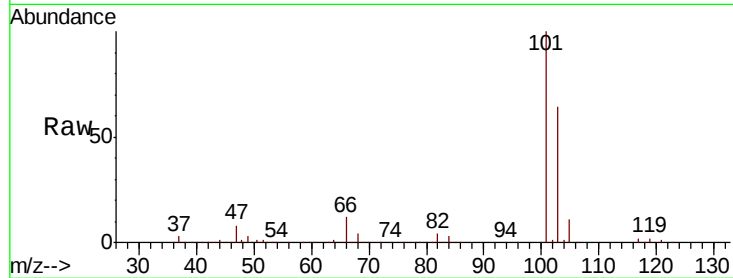
103 64.2 52.3 78.5

Manual Integrations

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#8

Diethyl Ether

Concen: 49.61 ug/l

RT: 2.18 min Scan# 262

Delta R.T. -0.00 min

Lab File: VX004112.D

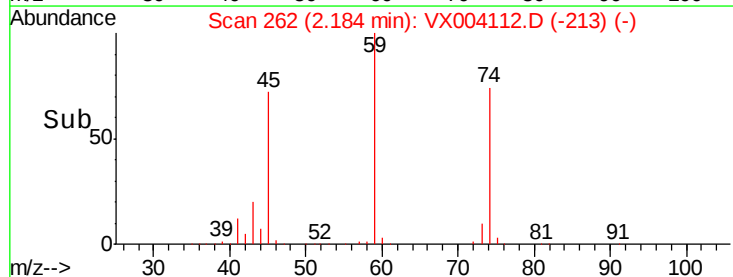
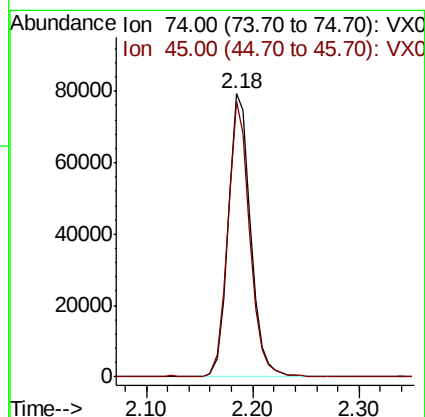
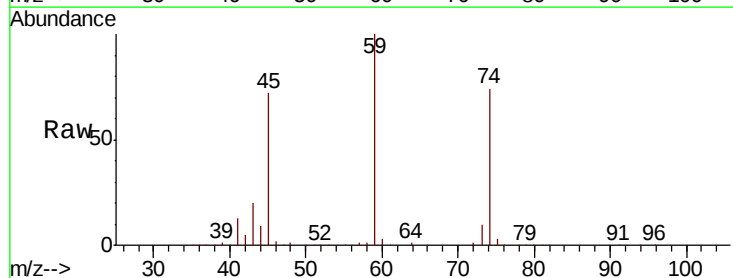
Acq: 16 Aug 2018 09:46

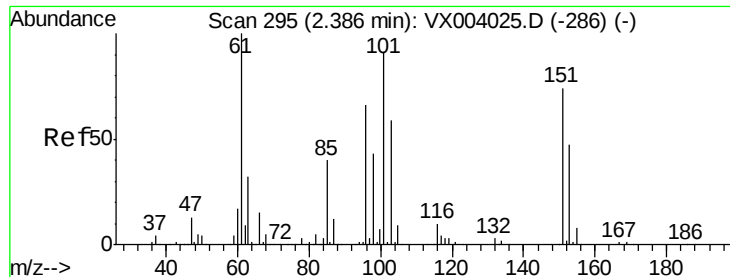
Tgt Ion: 74 Resp: 116836

Ion Ratio Lower Upper

74 100

45 94.9 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.01 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX004112.D

Acq: 16 Aug 2018 09:46

Instrument :

MSVOA_X

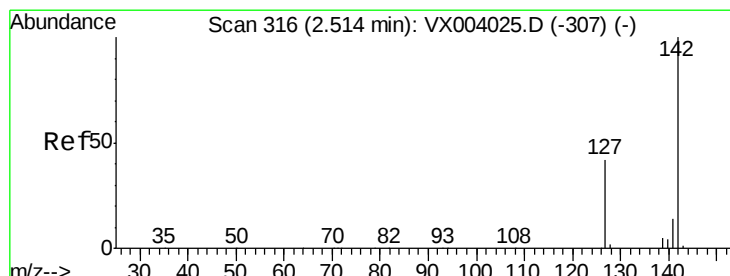
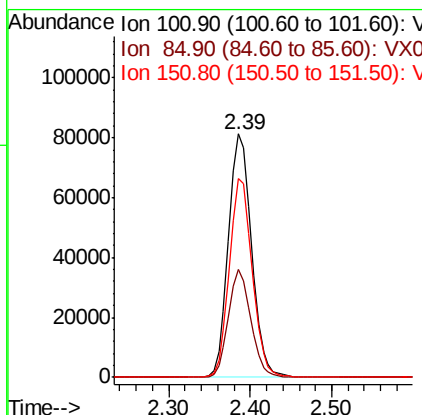
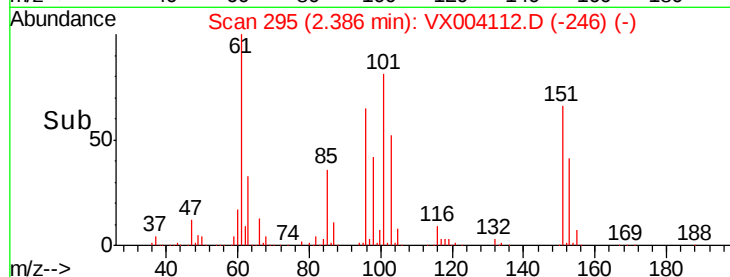
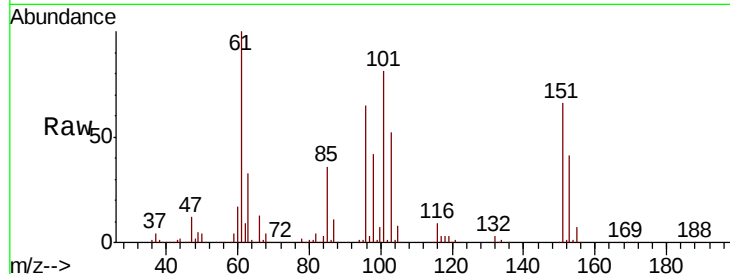
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	158228
Ion Ratio	Lower	Upper	
101	100		
85	43.0	34.2	51.4
151	81.0	65.0	97.4

Manual Integrations
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#10

Methyl Iodide

Concen: 50.88 ug/l

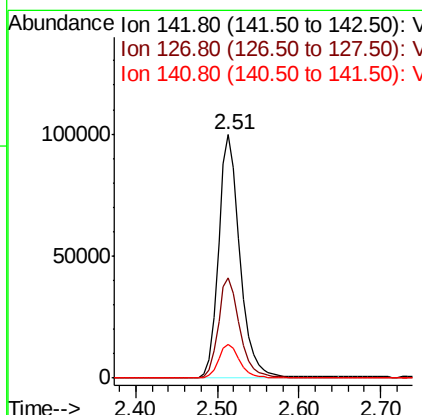
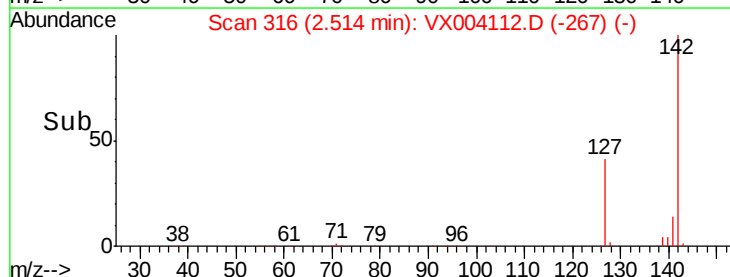
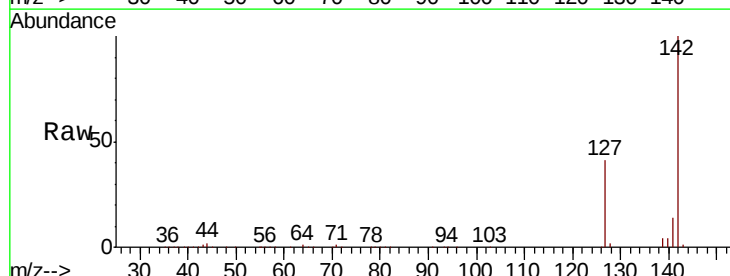
RT: 2.51 min Scan# 316

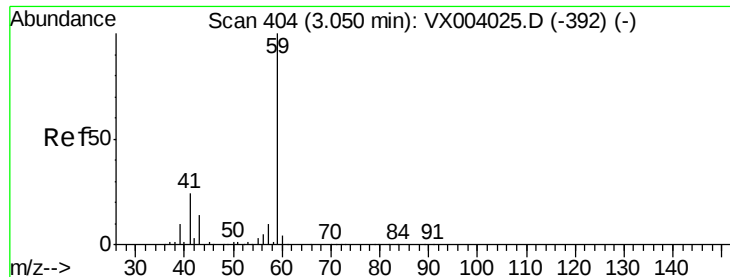
Delta R.T. 0.00 min

Lab File: VX004112.D

Acq: 16 Aug 2018 09:46

Tgt Ion:	142	Resp:	183228
Ion Ratio	Lower	Upper	
142	100		
127	41.3	33.1	49.7
141	14.1	11.1	16.7





#11

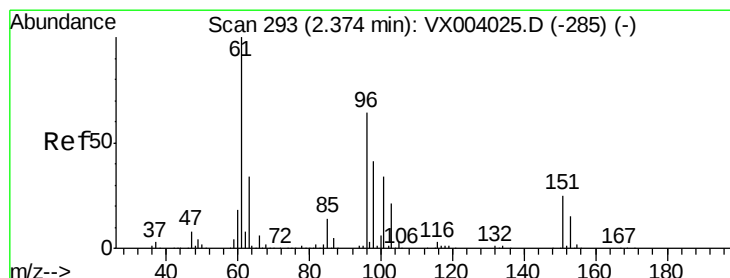
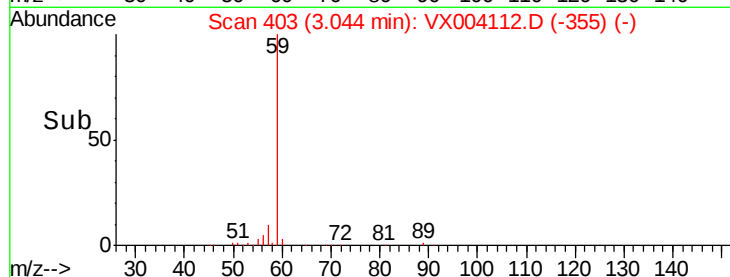
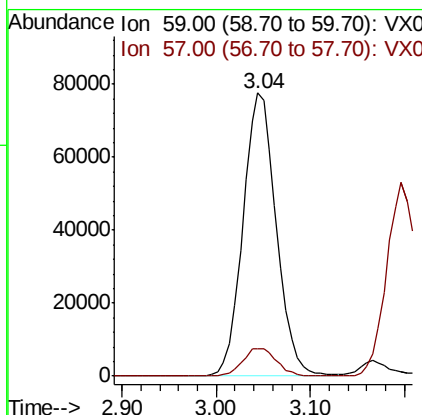
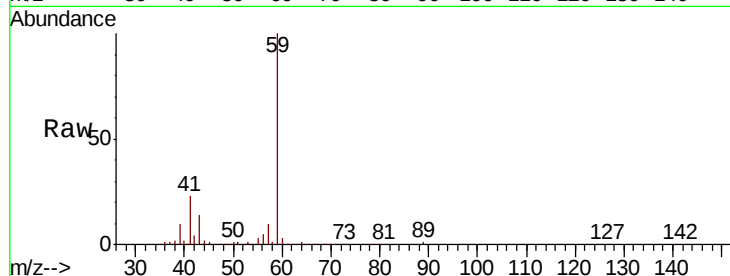
Tert butyl alcohol
Concen: 226.91 ug/l
RT: 3.04 min Scan# 403
Delta R.T. -0.01 min
Lab File: VX004112.D
Acq: 16 Aug 2018 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.1	12.1

Manual Integrations
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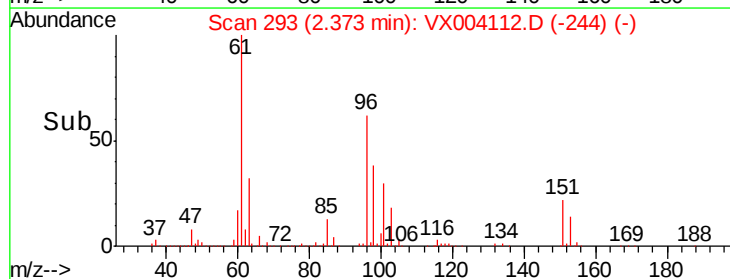
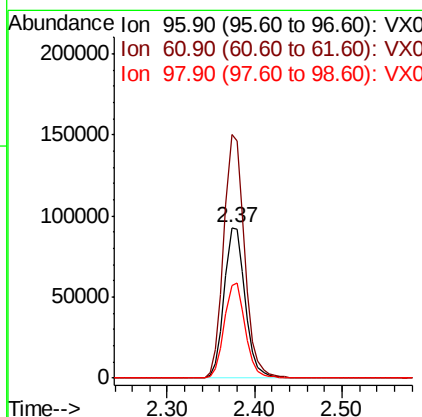
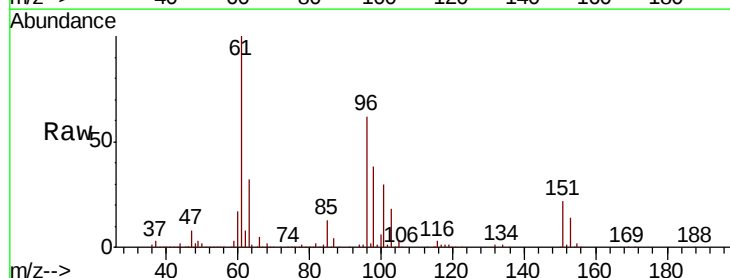
MMDadoda
8/16/2018 4:40:28 PM

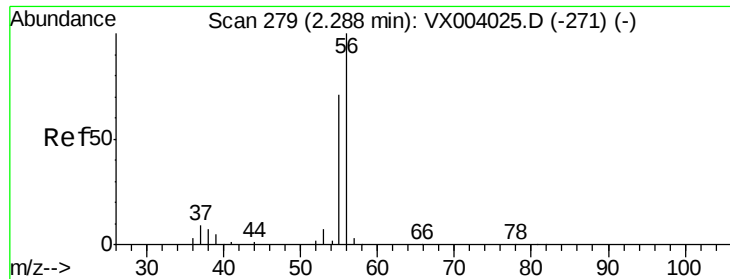


#12

1,1-Dichloroethene
Concen: 49.25 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX004112.D
Acq: 16 Aug 2018 09:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.6	131.3	196.9
98	61.1	51.8	77.6





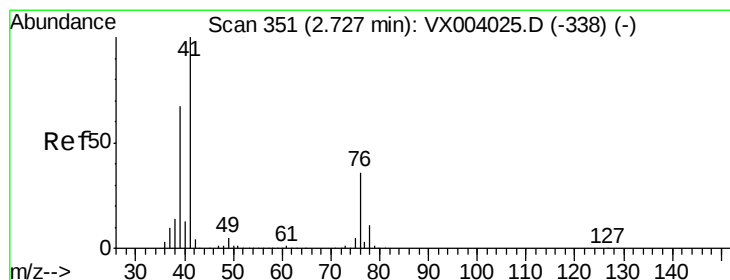
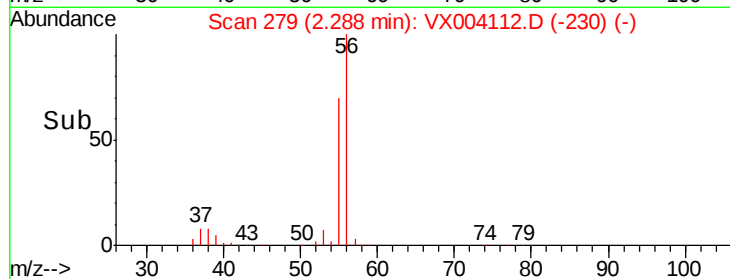
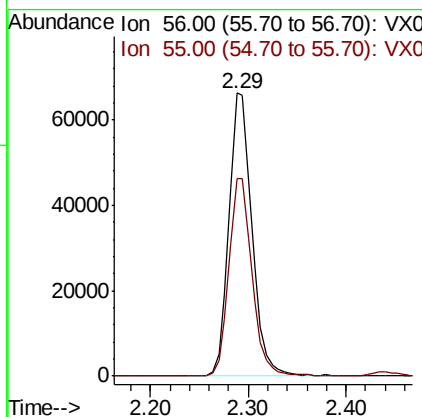
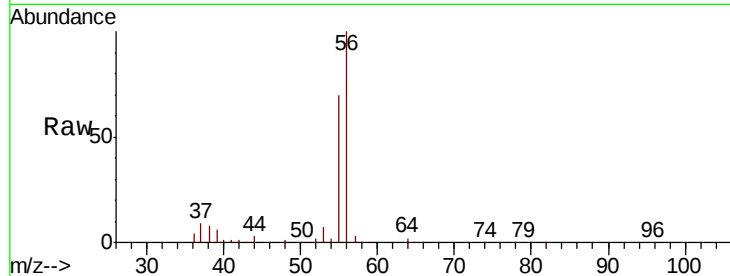
#13
Acrolein
Concen: 192.23 ug/l
RT: 2.29 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004112.D
Acq: 16 Aug 2018 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.3	56.1	84.1

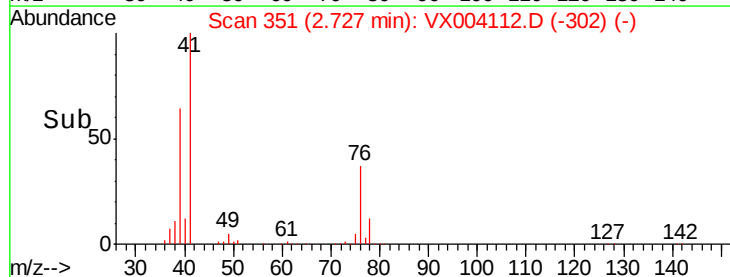
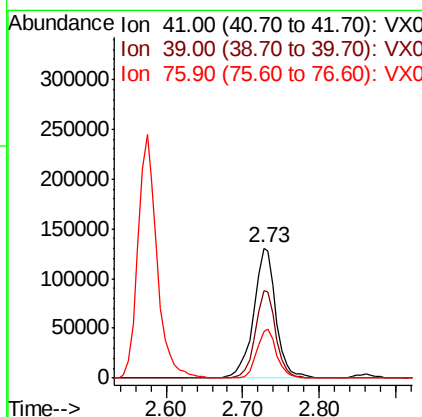
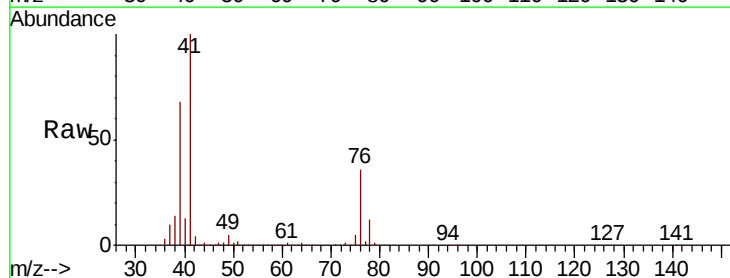
Manual Integrations
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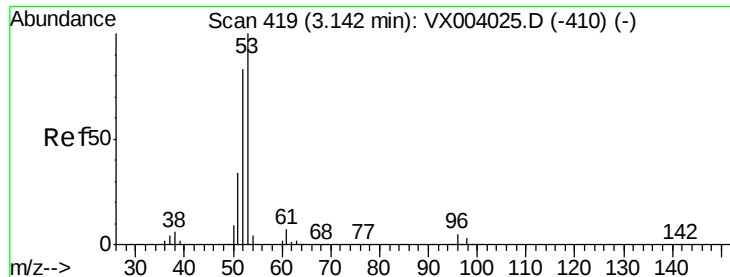
MMDadoda
8/16/2018 4:40:28 PM



#14
Allyl chloride
Concen: 44.61 ug/l
RT: 2.73 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX004112.D
Acq: 16 Aug 2018 09:46

Tgt Ion	Ratio	Lower	Upper
41	100		
39	62.0	47.4	71.0
76	33.4	26.0	39.0





#15

Acrylonitrile

Concen: 240.09 ug/l

RT: 3.14 min Scan# 419

Delta R.T. -0.00 min

Lab File: VX004112.D

Acq: 16 Aug 2018 09:46

Instrument :

MSVOA_X

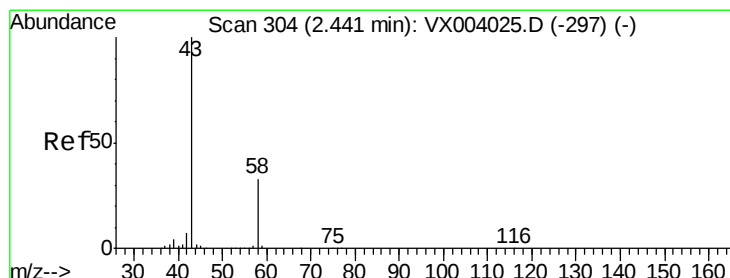
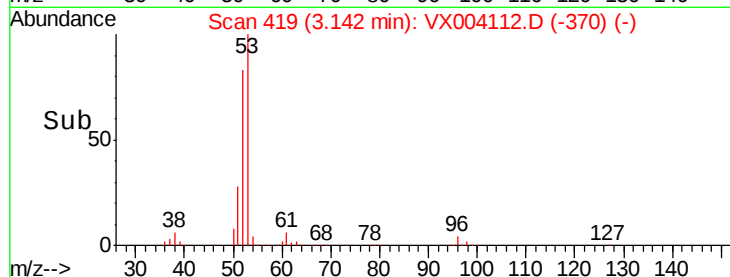
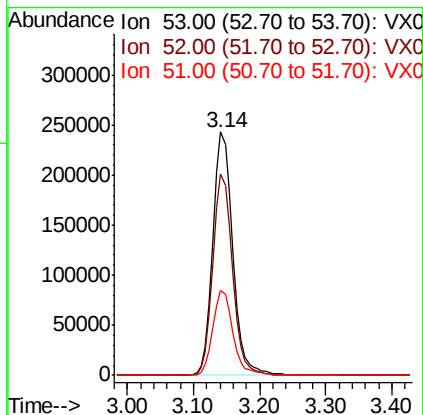
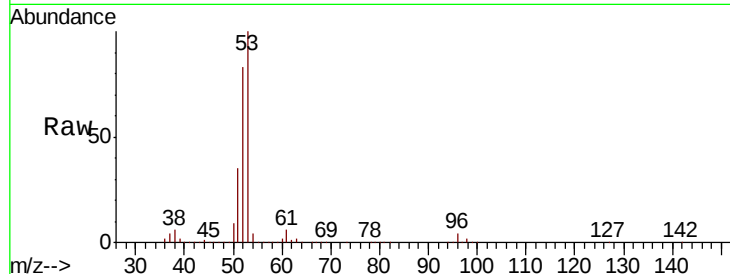
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	505372
Ion Ratio	Lower	Upper	
53	100		
52	81.9	65.3	97.9
51	35.3	27.9	41.9

Manual Integrations
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#16

Acetone

Concen: 238.28 ug/l

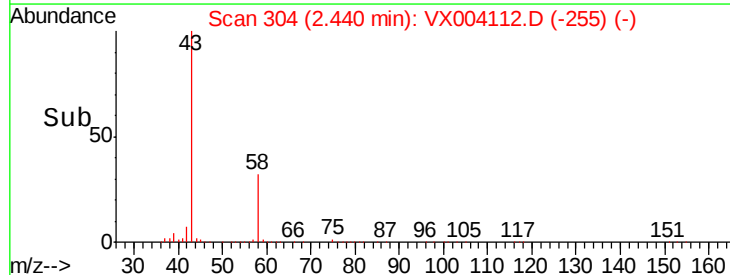
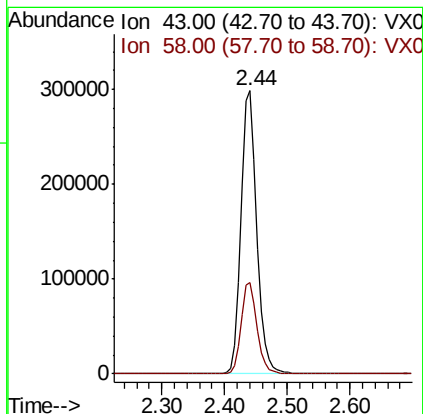
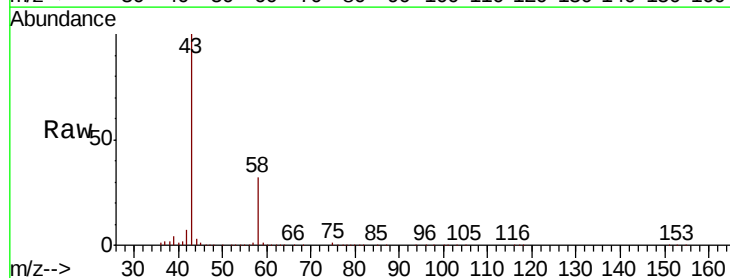
RT: 2.44 min Scan# 304

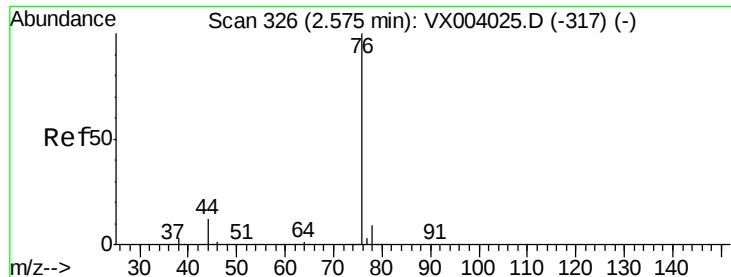
Delta R.T. -0.00 min

Lab File: VX004112.D

Acq: 16 Aug 2018 09:46

Tgt Ion:	43	Resp:	519383
Ion Ratio	Lower	Upper	
43	100		
58	32.2	26.4	39.6





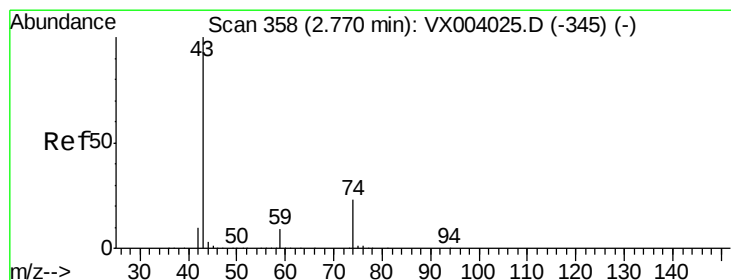
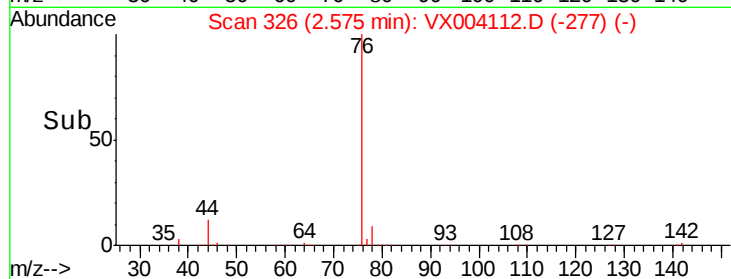
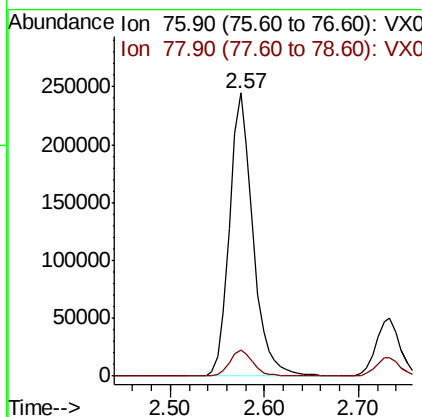
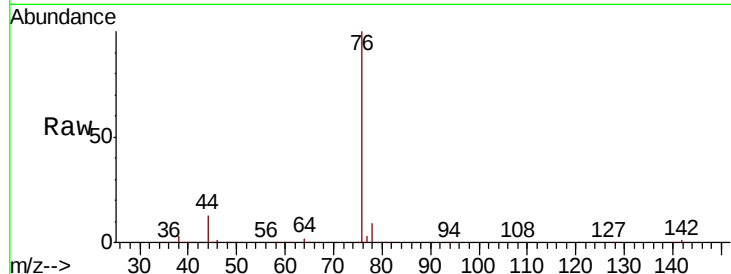
#17
Carbon Disulfide
Concen: 47.71 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX004112.D
Acq: 16 Aug 2018 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.5	11.3

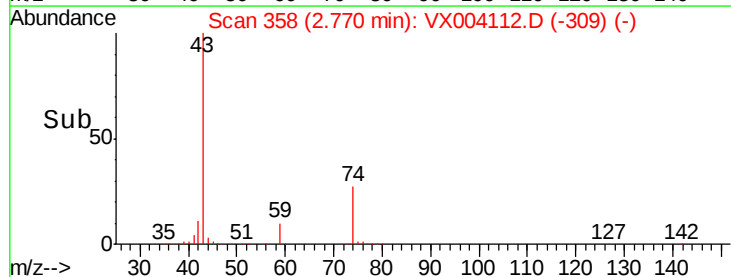
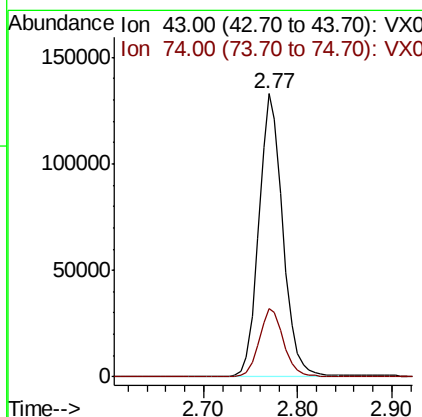
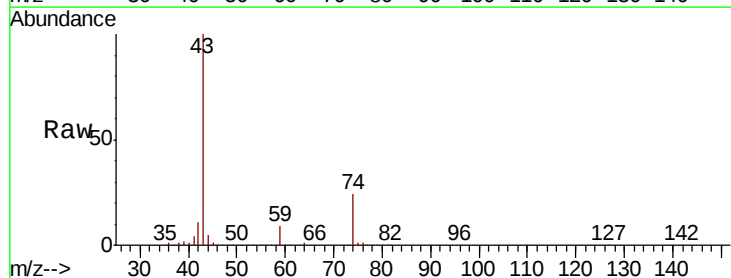
Manual Integrations
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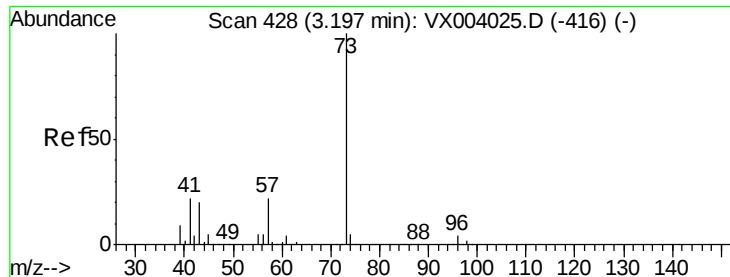
MMDadoda
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#18
Methyl Acetate
Concen: 49.01 ug/l
RT: 2.77 min Scan# 358
Delta R.T. -0.00 min
Lab File: VX004112.D
Acq: 16 Aug 2018 09:46

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.8	18.9	28.3





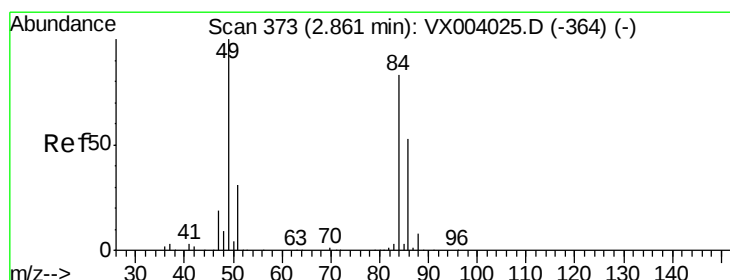
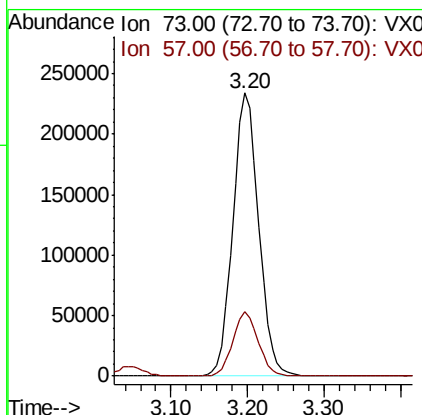
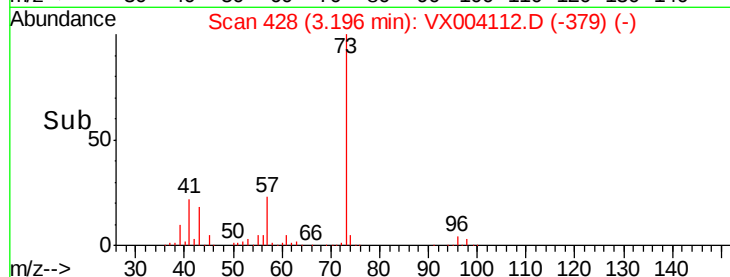
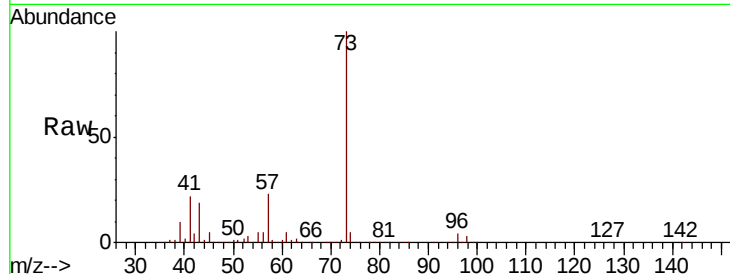
#19
Methvl tert-butvl Ether
Concen: 49.47 ug/l
RT: 3.20 min Scan# 428
Delta R.T. -0.00 min
Lab File: VX004112.D
Acq: 16 Aug 2018 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.7	18.0	27.0

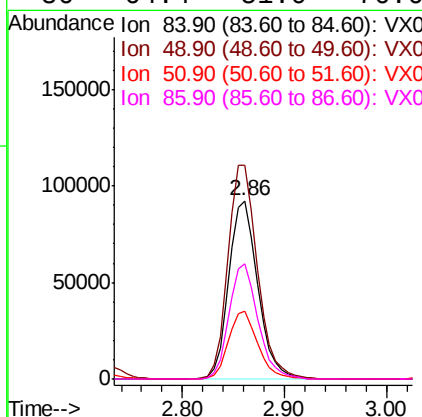
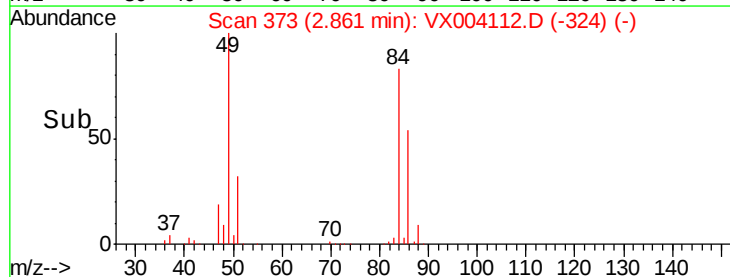
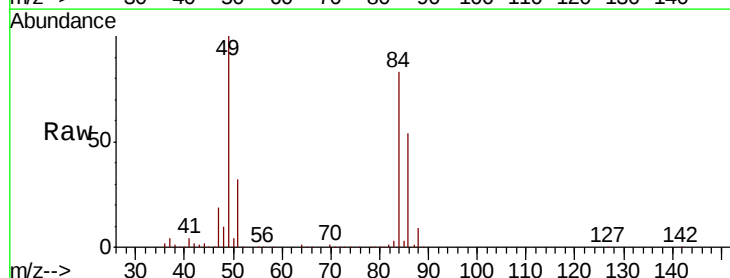
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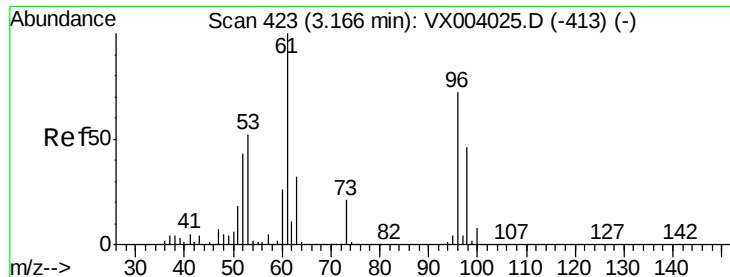
MMDadoda
8/16/2018 4:40:28 PM



#20
Methylene Chloride
Concen: 50.91 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX004112.D
Acq: 16 Aug 2018 09:46

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.8	98.9	148.3
51	38.5	29.9	44.9
86	64.4	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 47.94 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX004112.D

Acq: 16 Aug 2018 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 170426

Ion Ratio Lower Upper

96 100

61 138.4 111.8 167.6

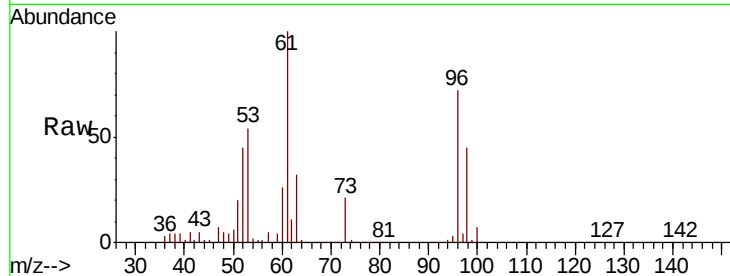
98 62.7 51.8 77.6

Manual Integrations

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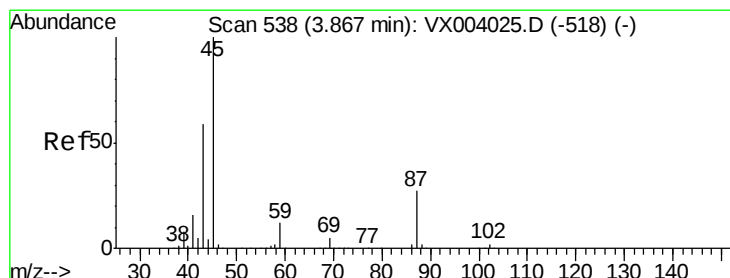
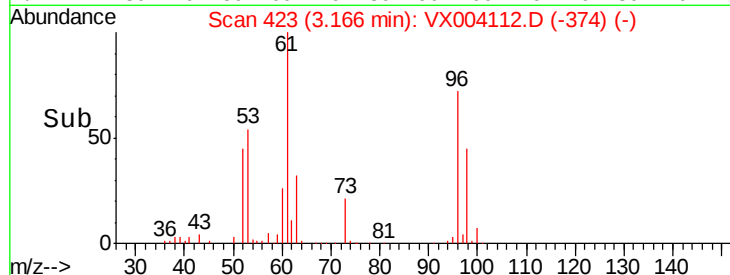
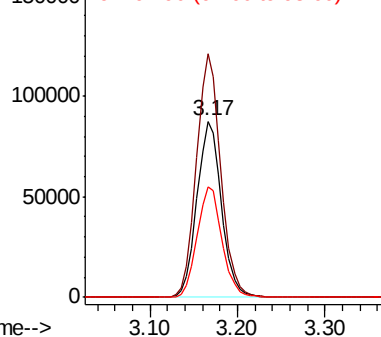


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.64 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.00 min

Lab File: VX004112.D

Acq: 16 Aug 2018 09:46

Tgt Ion: 45 Resp: 614311

Ion Ratio Lower Upper

45 100

43 58.9 45.3 67.9

87 27.4 22.7 34.1

59 12.5 9.6 14.4

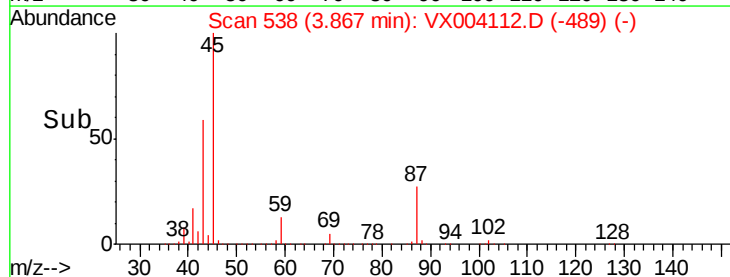
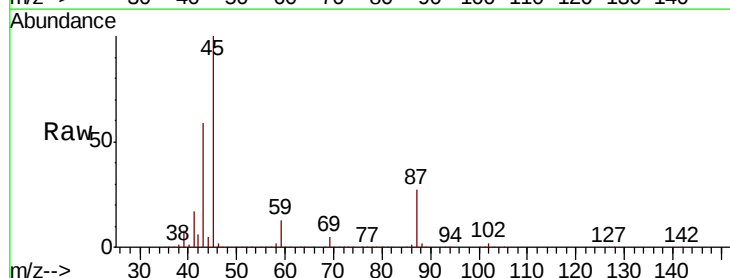
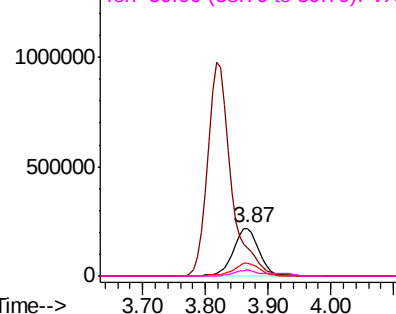
Abundance

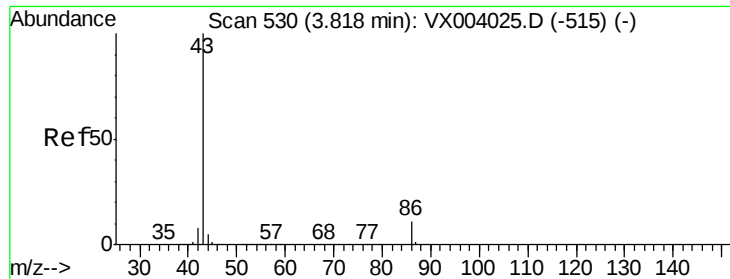
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 264.42 ug/l

RT: 3.82 min Scan# 530

Delta R.T. -0.00 min

Lab File: VX004112.D

Acq: 16 Aug 2018 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2534696

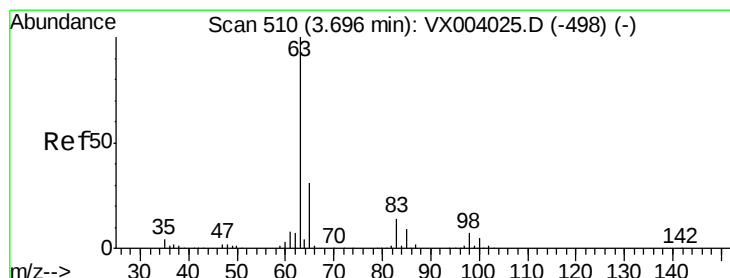
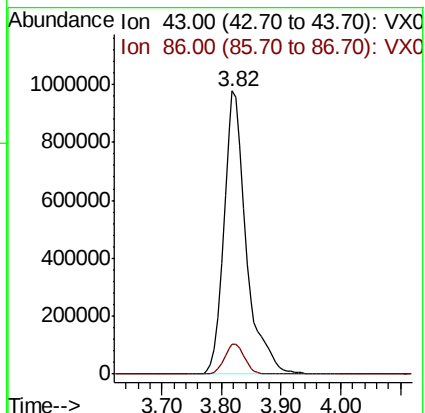
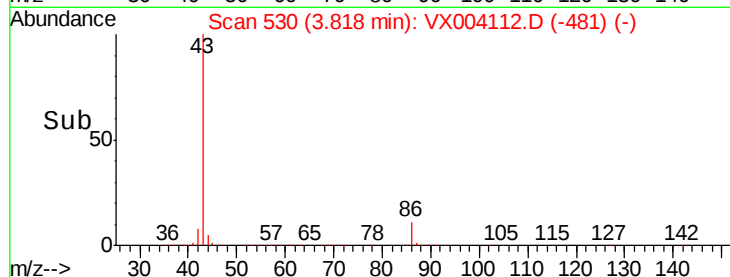
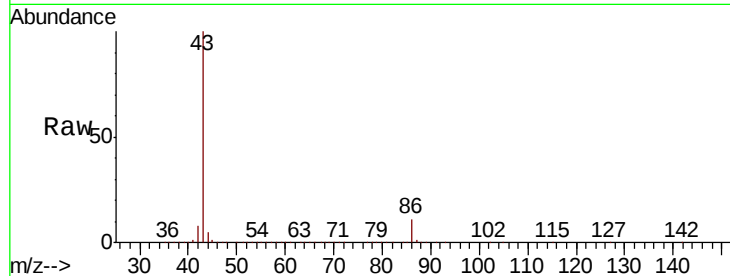
Ion Ratio Lower Upper

43 100

86 10.7 8.9 13.3

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 51.54 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX004112.D

Acq: 16 Aug 2018 09:46

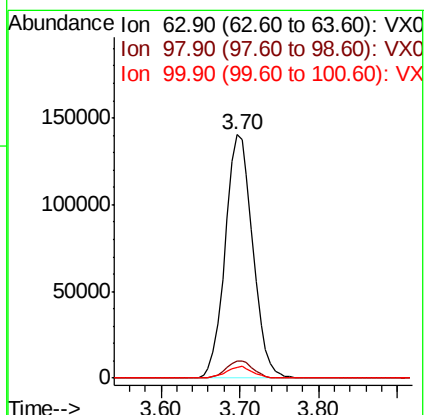
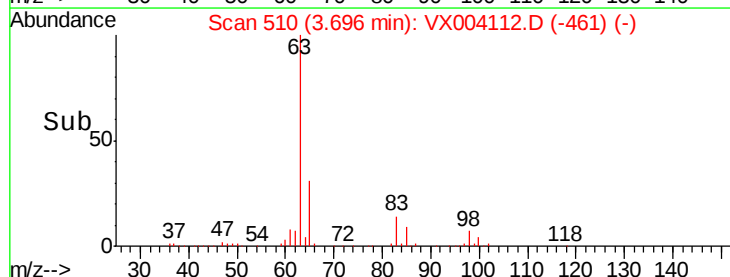
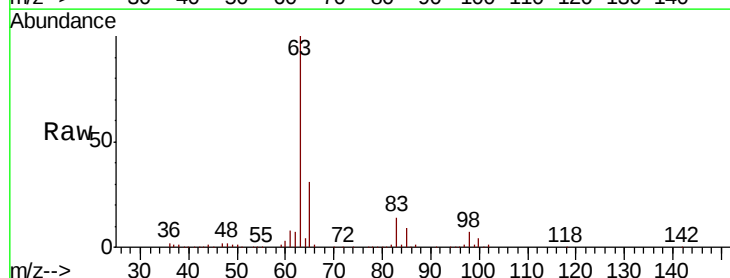
Tgt Ion: 63 Resp: 340676

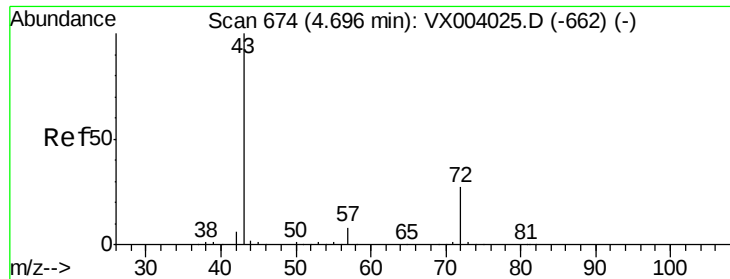
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

100 4.4 2.3 6.8





#25

2-Butanone

Concen: 239.34 ug/l

RT: 4.70 min Scan# 674

Delta R.T. -0.00 min

Lab File: VX004112.D

Acq: 16 Aug 2018 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 848837

Ion Ratio Lower Upper

43 100

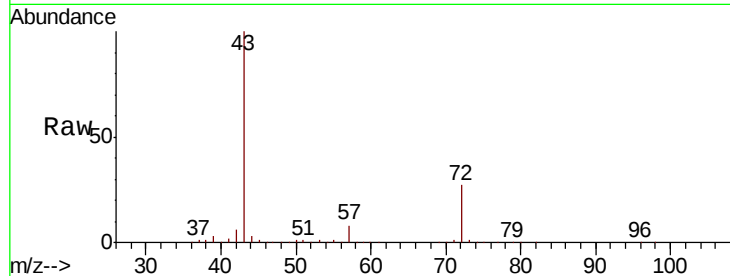
72 27.2 21.4 32.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

300000

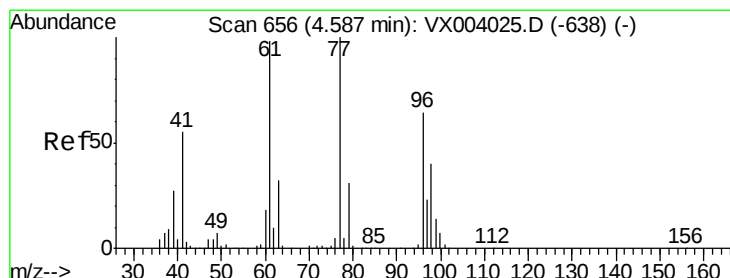
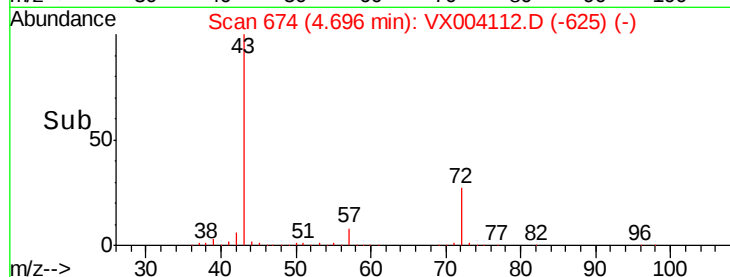
200000

100000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 20.67 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX004112.D

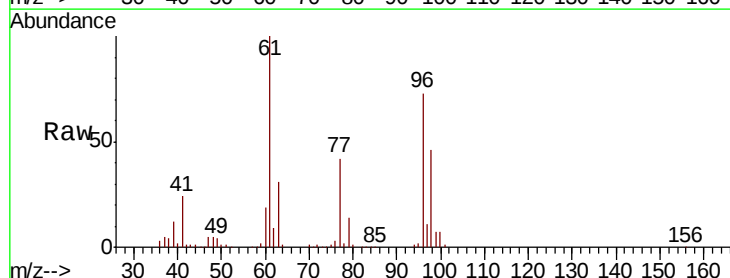
Acq: 16 Aug 2018 09:46

Tgt Ion: 77 Resp: 108641

Ion Ratio Lower Upper

77 100

97 27.0 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

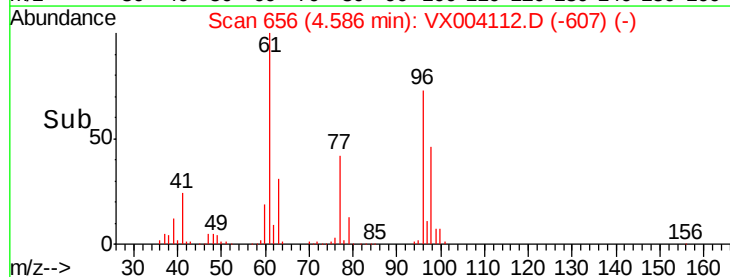
20000

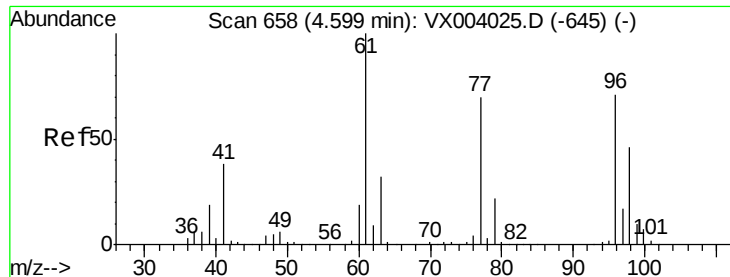
10000

0

4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 50.32 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX004112.D

Acq: 16 Aug 2018 09:46

Instrument :

MSVOA_X

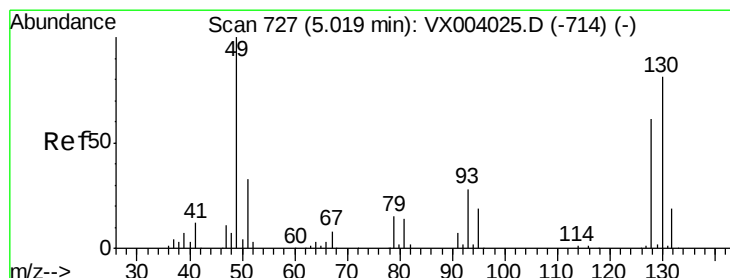
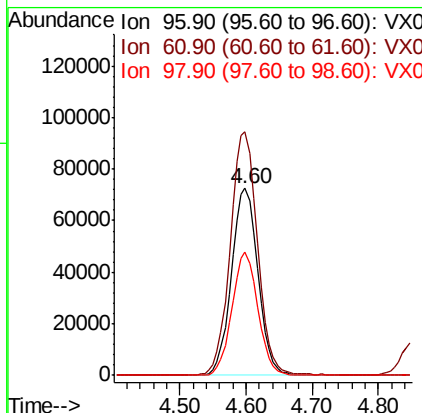
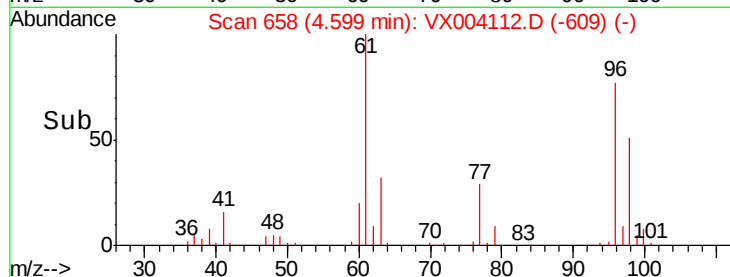
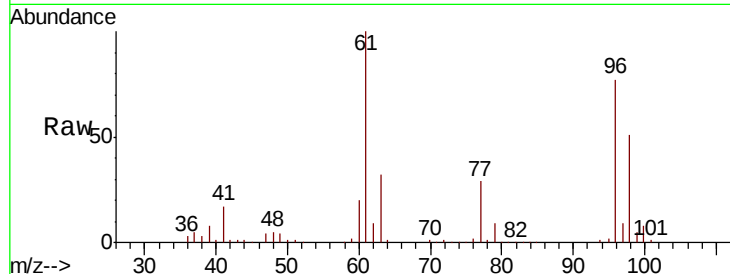
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	201167
Ion Ratio	Lower	Upper	
96	100		
61	133.4	0.0	293.0
98	64.4	0.0	131.8

Manual Integrations
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8/16/2018 4:40:28 PM



#28

Bromochloromethane

Concen: 52.73 ug/l

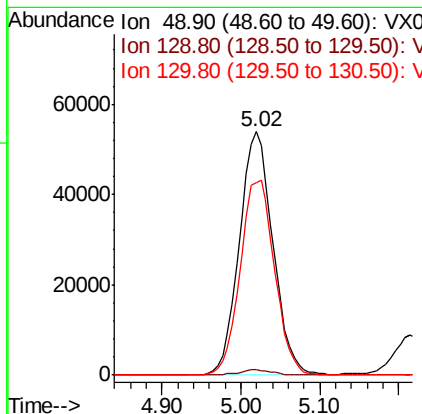
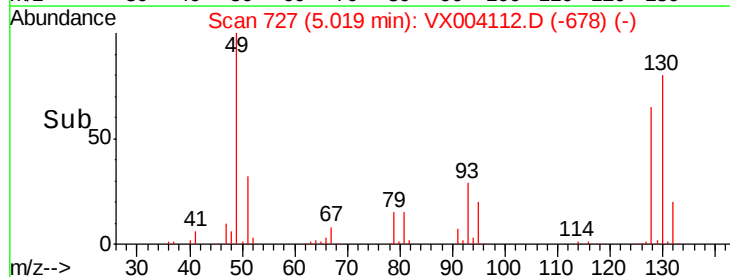
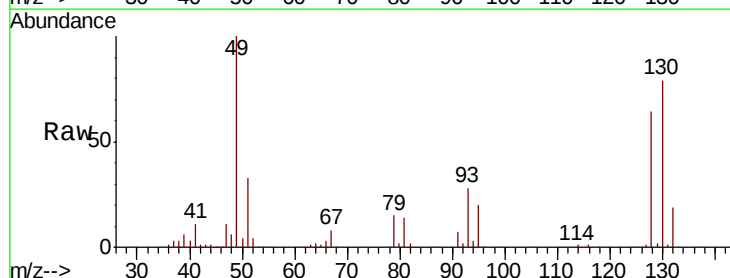
RT: 5.02 min Scan# 727

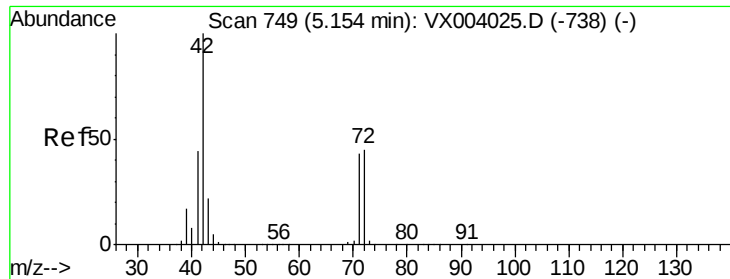
Delta R.T. -0.00 min

Lab File: VX004112.D

Acq: 16 Aug 2018 09:46

Tgt Ion:	49	Resp:	159926
Ion Ratio	Lower	Upper	
49	100		
129	2.2	0.0	4.2
130	82.1	66.5	99.7





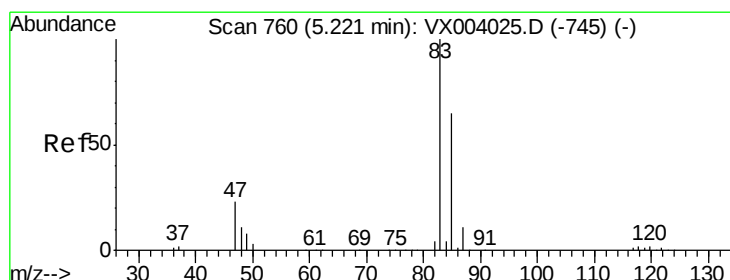
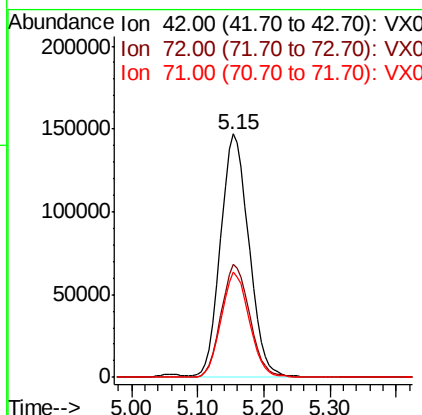
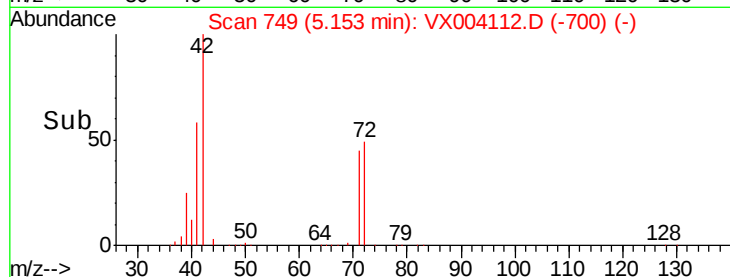
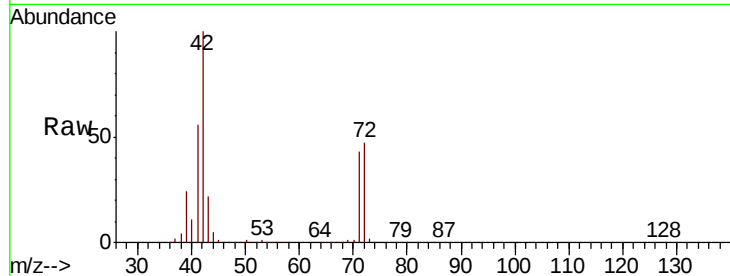
#29
Tetrahydrofuran
Concen: 240.92 ug/l
RT: 5.15 min Scan# 749
Delta R.T. -0.00 min
Lab File: VX004112.D
Acq: 16 Aug 2018 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.0	37.7	56.5
71	43.0	35.0	52.6

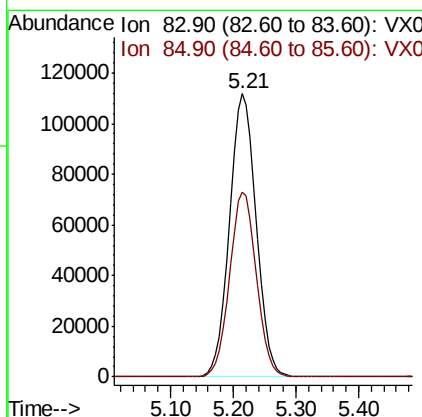
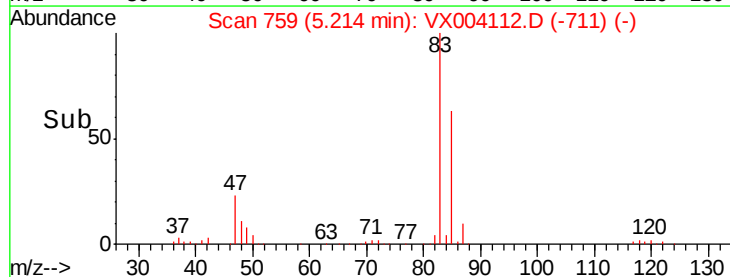
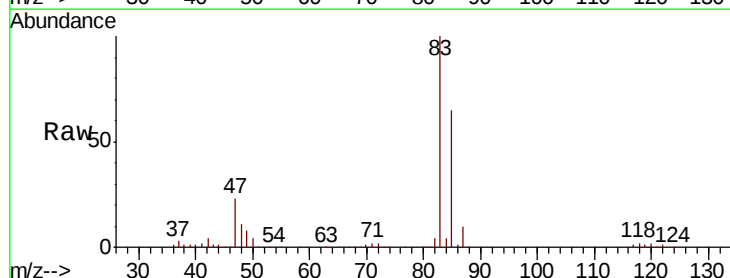
Manual Integrations
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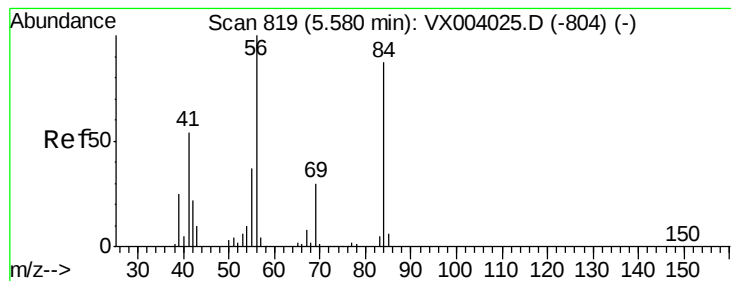
MMDadoda
8/16/2018 4:40:28 PM



#30
Chloroform
Concen: 51.02 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX004112.D
Acq: 16 Aug 2018 09:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.7	76.1





#31

Cyclohexane

Concen: 49.28 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX004112.D

Acq: 16 Aug 2018 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 285568

Ion Ratio Lower Upper

56 100

69 30.8 24.9 37.3

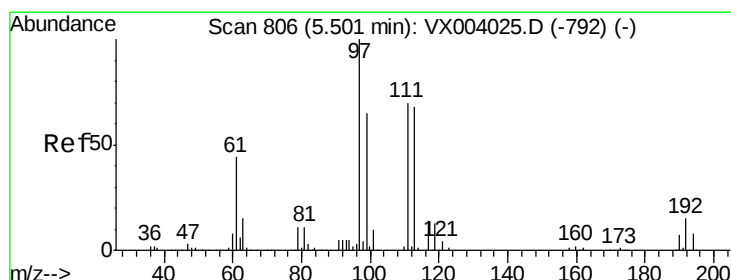
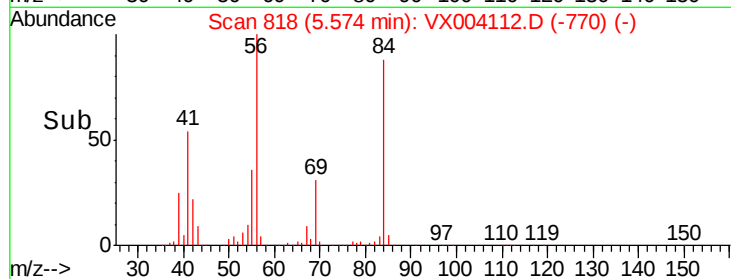
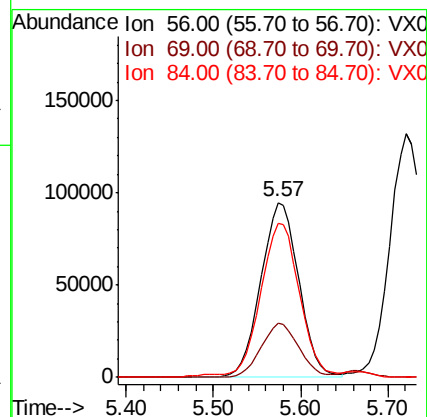
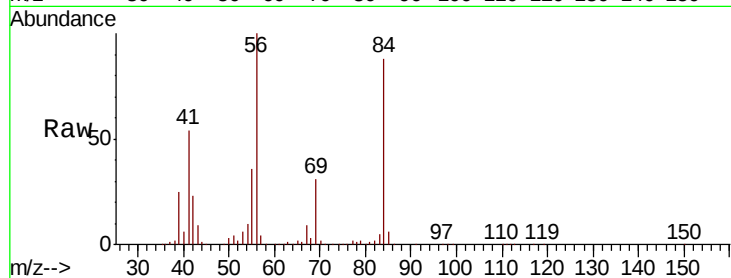
84 87.2 71.7 107.5

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 51.91 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX004112.D

Acq: 16 Aug 2018 09:46

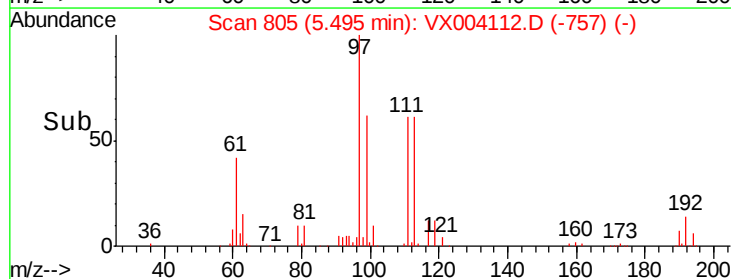
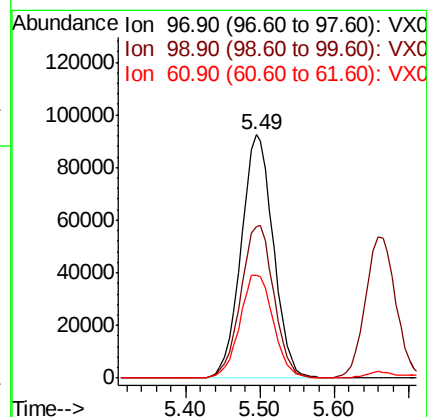
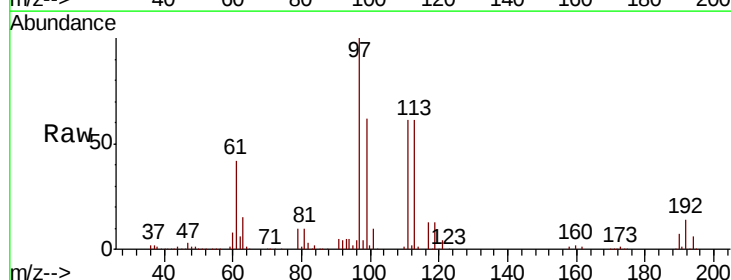
Tgt Ion: 97 Resp: 279883

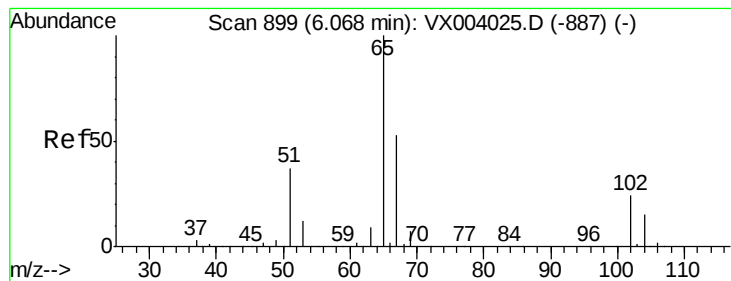
Ion Ratio Lower Upper

97 100

99 64.4 51.8 77.8

61 44.3 34.4 51.6





#33

1,2-Dichloroethane-d4

Concen: 49.51 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004112.D

Acq: 16 Aug 2018 09:46

Tot Ion: 65 Resp: 207557

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.8

Instrument :

MSVOA_X

ClientSampleId :

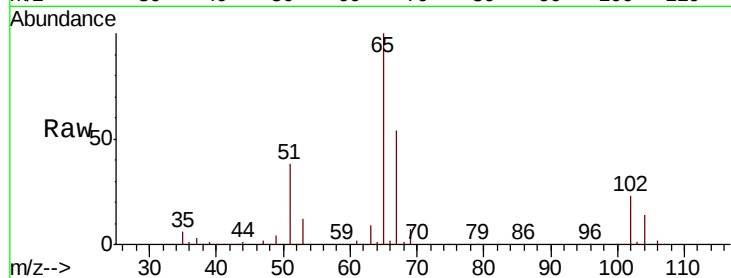
VSTDCCC050EC

Manual Integrations

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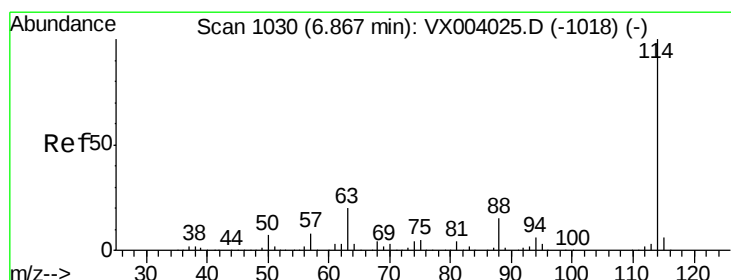
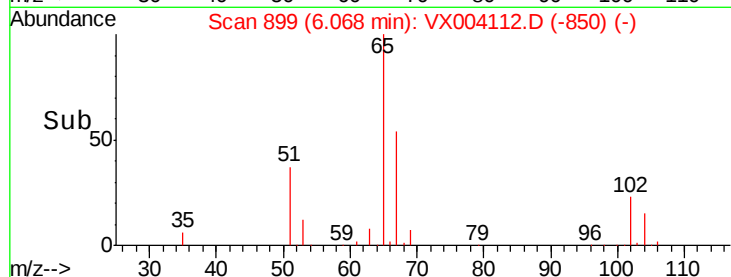
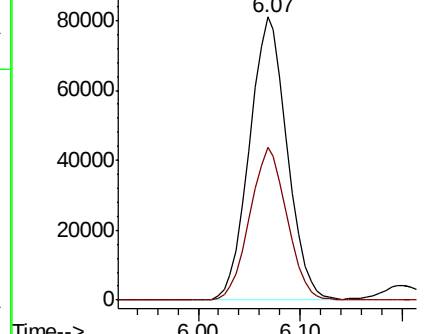
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX004112.D

Acq: 16 Aug 2018 09:46

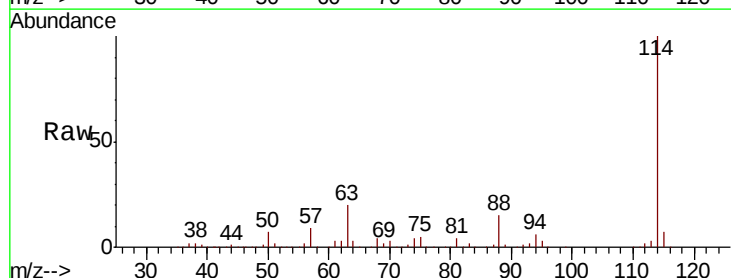
Tgt Ion: 114 Resp: 449008

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.0

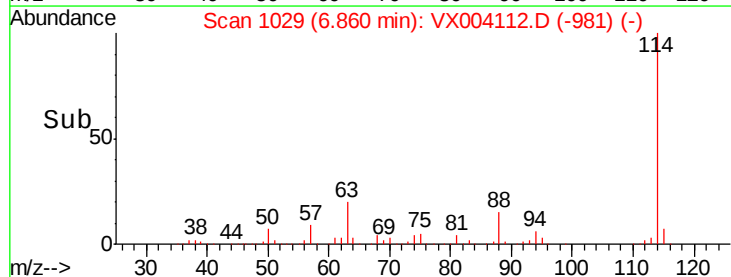
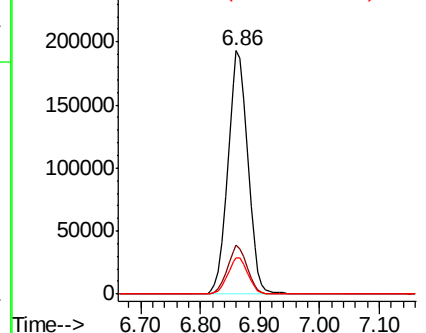
88 15.0 0.0 32.0

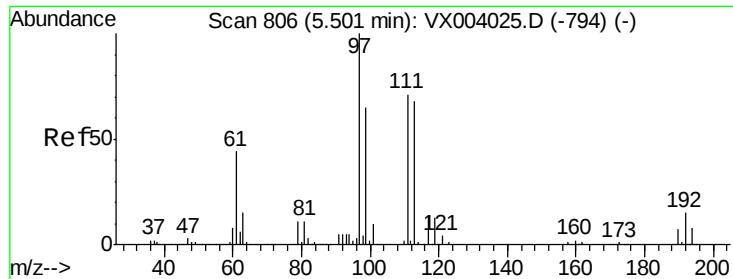


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





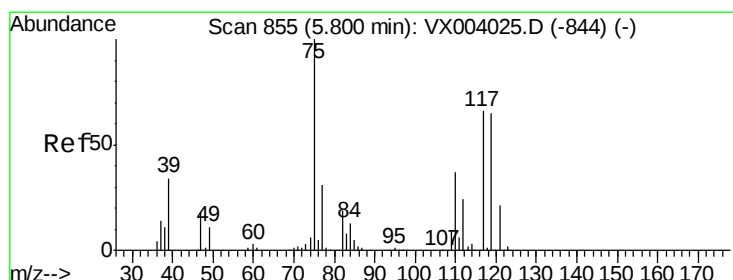
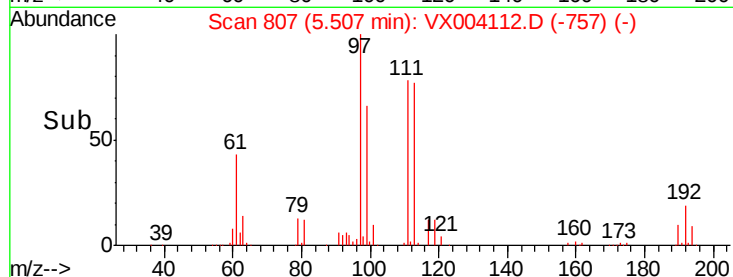
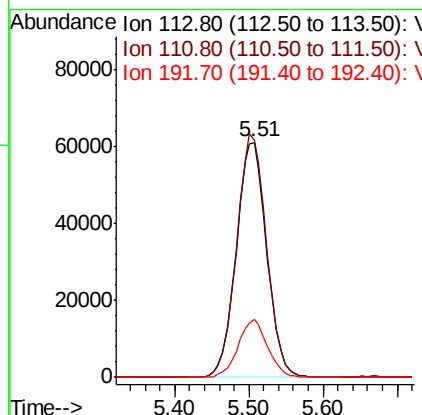
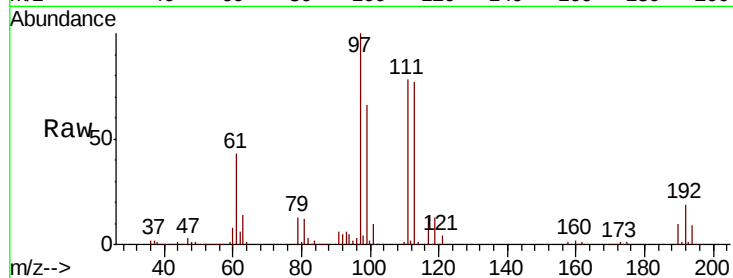
#35
 Dibromofluoromethane
 Concen: 51.94 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004112.D
 Acq: 16 Aug 2018 09:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	174547		
111	102.0	82.0	123.0	
192	23.7	19.0	28.4	

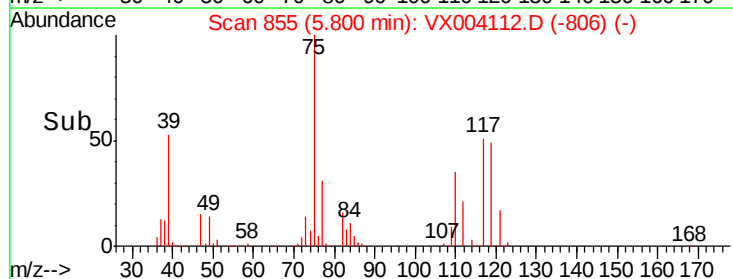
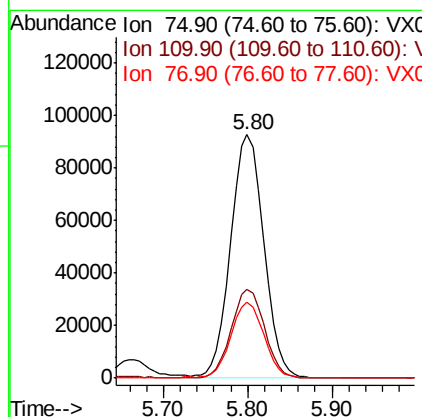
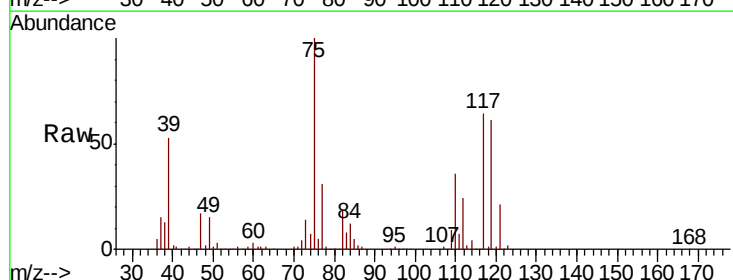
Manual Integrations
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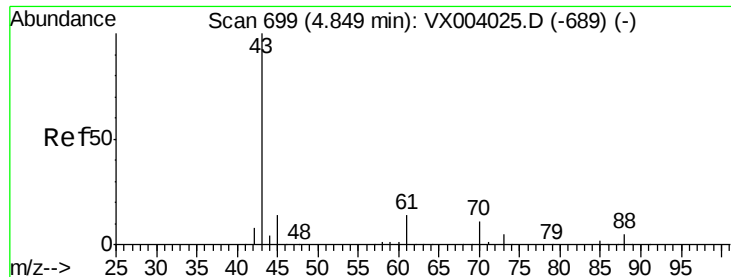
MMDadoda
 8/16/2018 4:40:28 PM



#36
 1,1-Dichloropropene
 Concen: 48.38 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX004112.D
 Acq: 16 Aug 2018 09:46

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	247203		
110	36.5	18.2	54.6	
77	31.4	25.0	37.4	





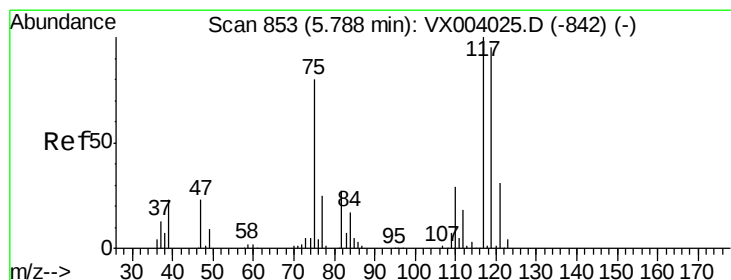
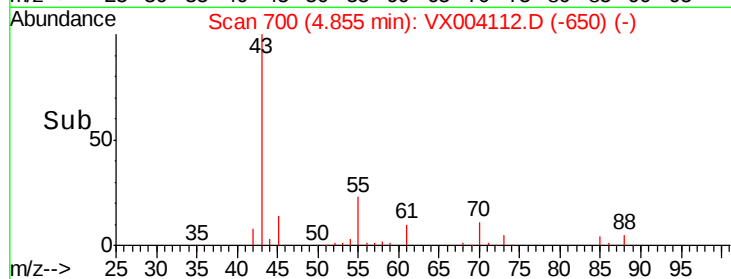
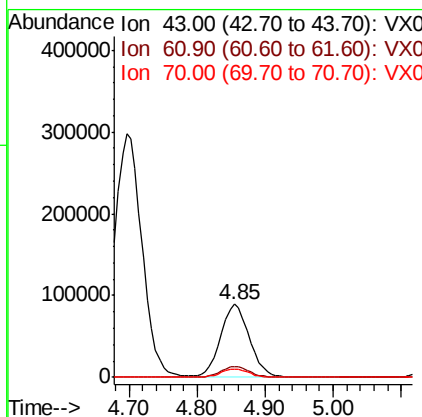
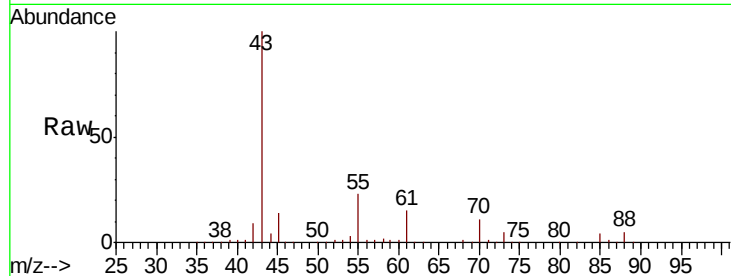
#37
Ethyl Acetate
Concen: 47.28 ug/l
RT: 4.85 min Scan# 700
Delta R.T. 0.01 min
Lab File: VX004112.D
Acq: 16 Aug 2018 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.5	17.3
70	11.1	9.0	13.4

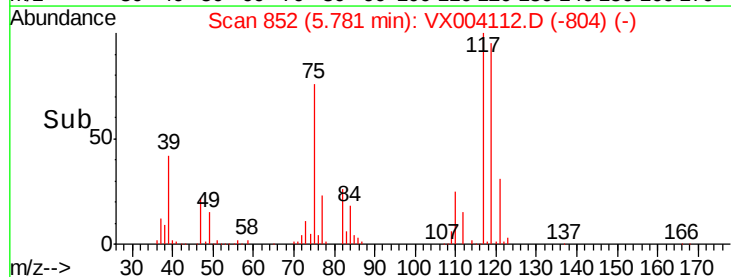
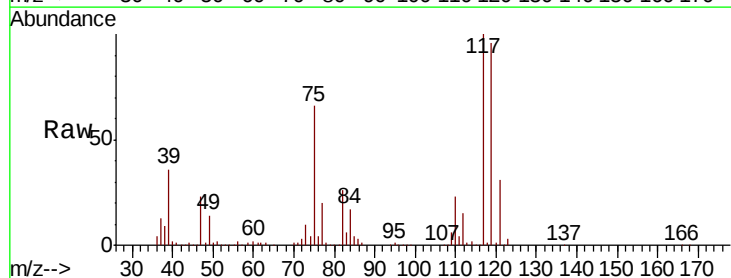
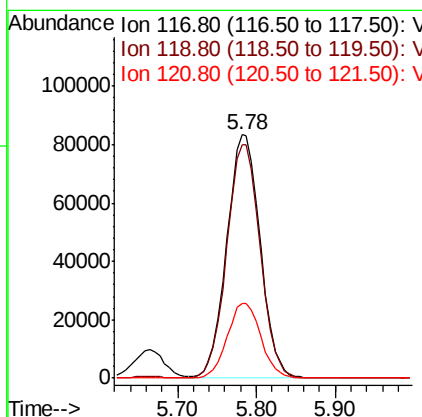
Manual Integrations
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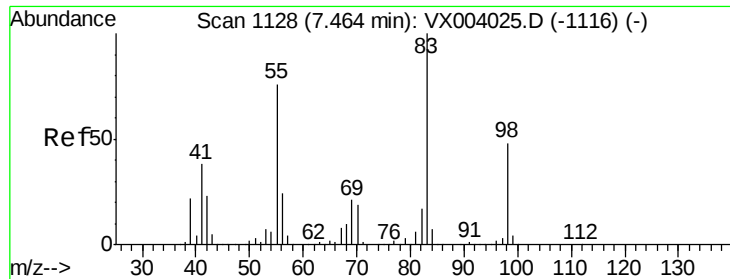
MMDadoda
8/16/2018 4:40:28 PM



#38
Carbon Tetrachloride
Concen: 49.59 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX004112.D
Acq: 16 Aug 2018 09:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	79.5	119.3
121	30.6	25.0	37.4





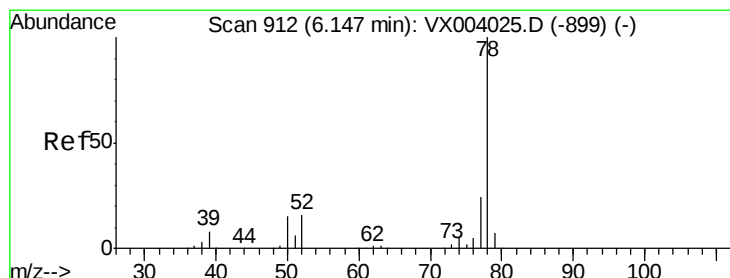
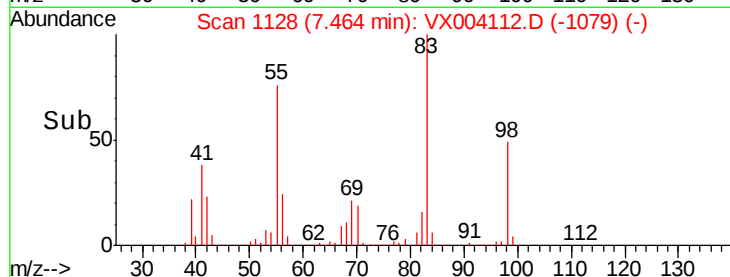
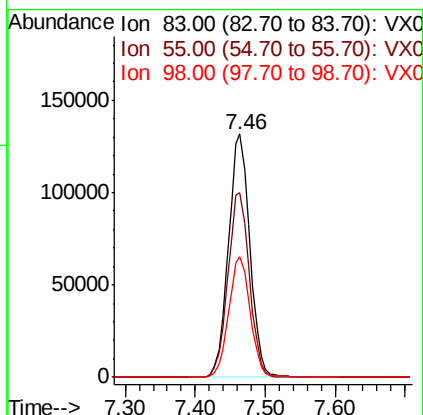
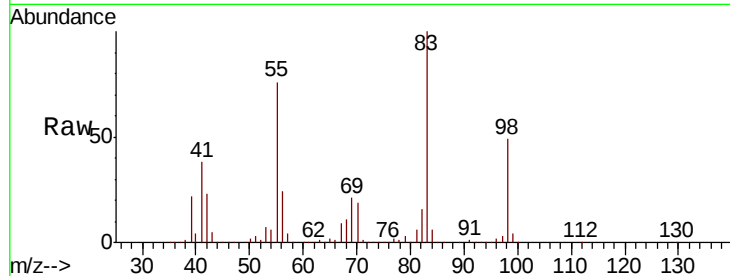
#39
Methvlcvclohexane
Concen: 48.40 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX004112.D
Acq: 16 Aug 2018 09:46

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	280576		
55	76.0		61.0	91.6
98	49.4		38.6	57.8

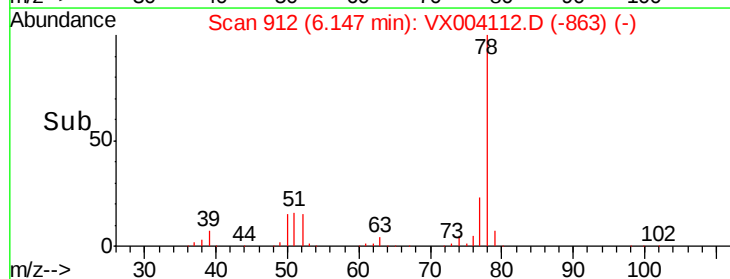
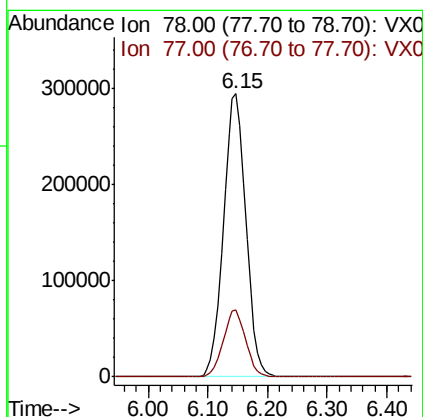
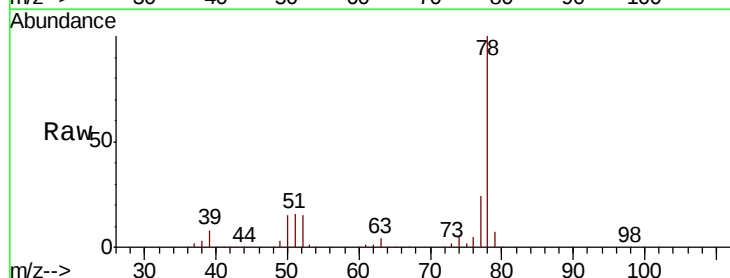
Manual Integrations
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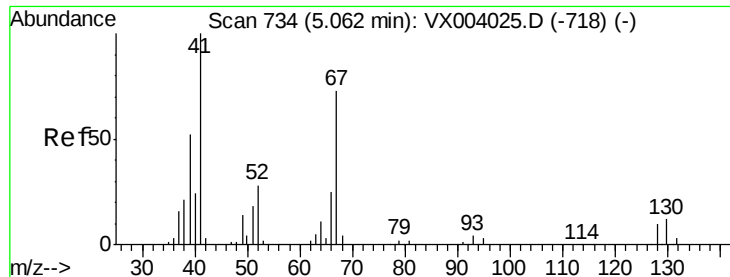
MMDadoda
8/16/2018 4:40:28 PM



#40
Benzene
Concen: 50.08 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX004112.D
Acq: 16 Aug 2018 09:46

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	768403		
77	23.7		19.0	28.4





#41

Methacrylonitrile

Concen: 46.67 ug/l

RT: 5.06 min Scan# 734

Delta R.T. -0.00 min

Lab File: VX004112.D

Acq: 16 Aug 2018 09:46

Instrument :

MSVOA_X

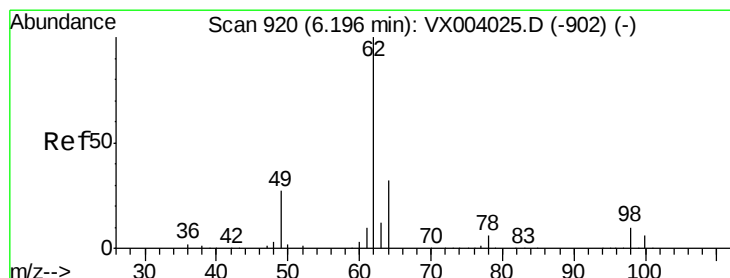
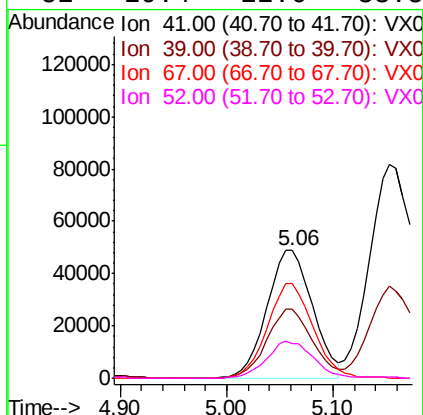
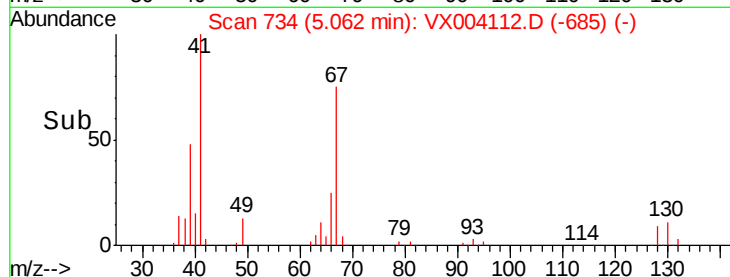
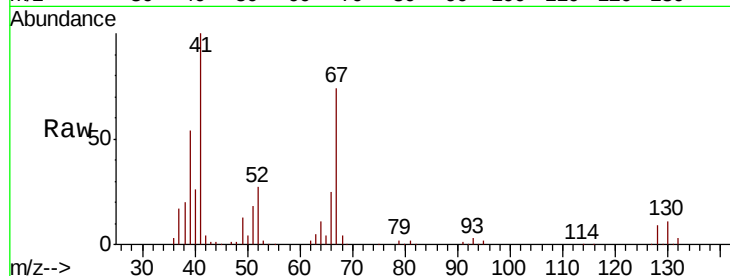
ClientSampleId :

VSTDCCC050EC

Tot Ion:	41	Resp:	145429
Ion	Ratio	Lower	Upper
41	100		
39	53.2	42.7	64.1
67	74.3	58.9	88.3
52	29.4	22.6	33.8

Manual Integrations
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8/16/2018 4:40:28 PM



#42

1,2-Dichloroethane

Concen: 48.88 ug/l

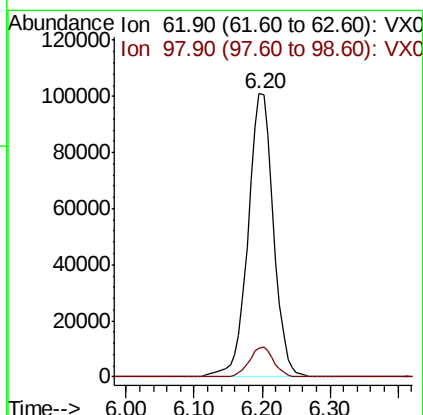
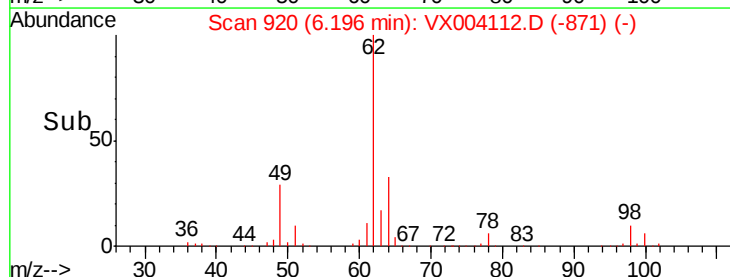
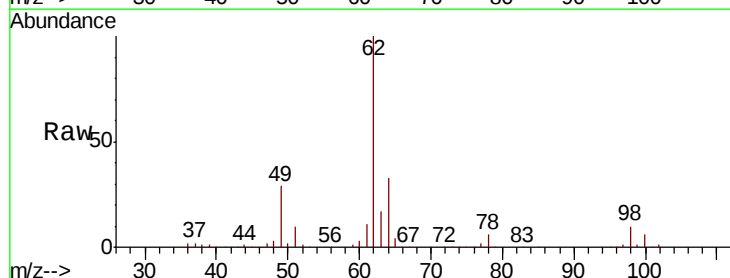
RT: 6.20 min Scan# 920

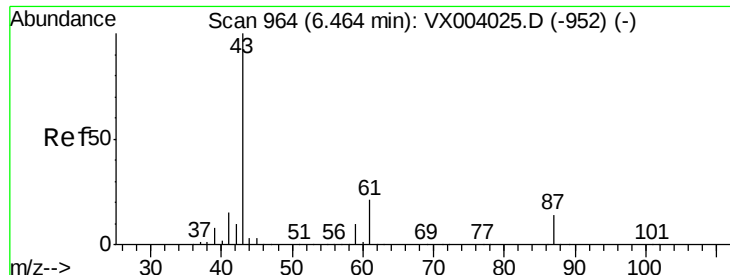
Delta R.T. -0.00 min

Lab File: VX004112.D

Acq: 16 Aug 2018 09:46

Tgt Ion:	62	Resp:	262531
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.4





#43

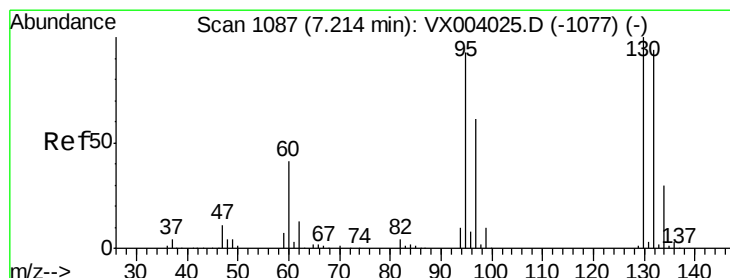
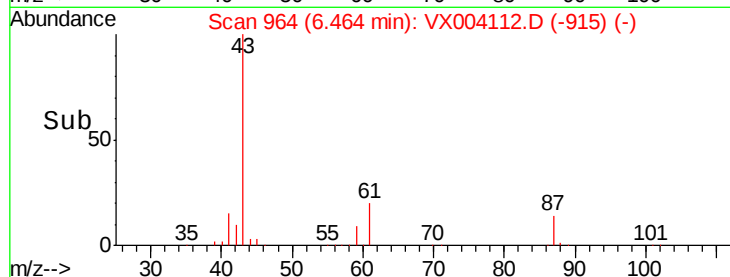
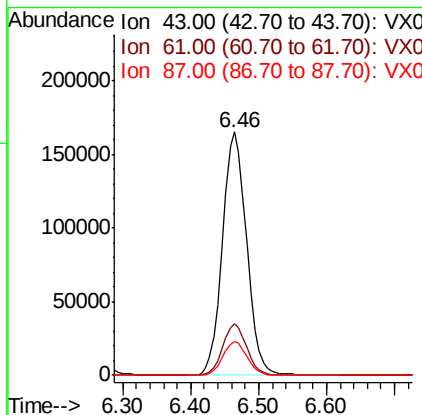
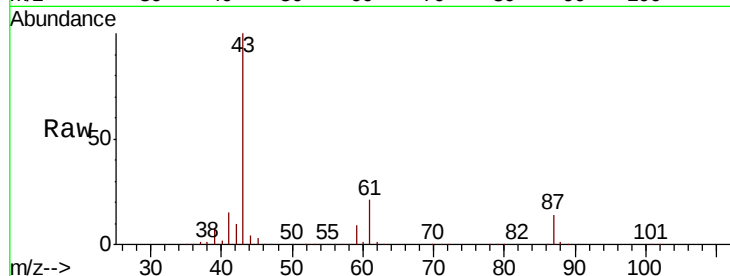
Isopropyl Acetate
 Concen: 49.47 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: VX004112.D
 Acq: 16 Aug 2018 09:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.0	16.9	25.3
87	14.1	11.3	16.9

Manual Integrations
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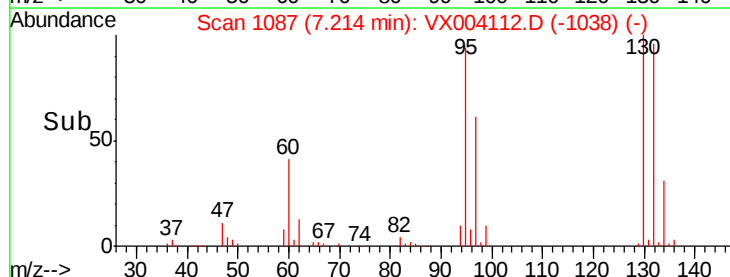
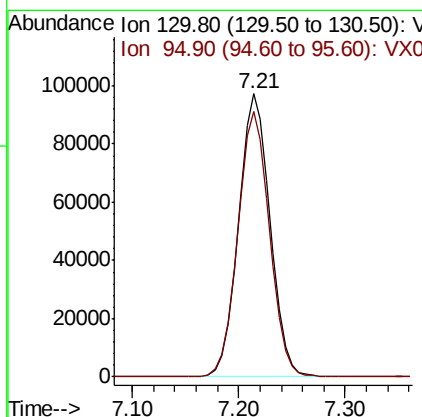
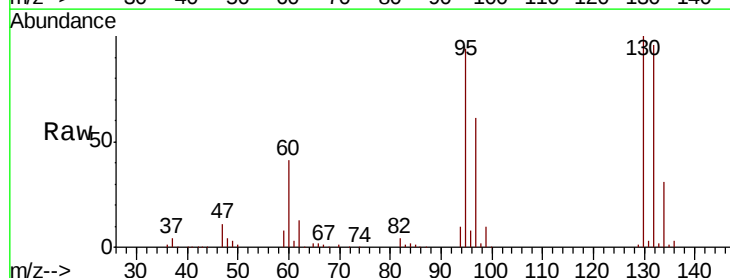
MMDadoda
 8/16/2018 4:40:28 PM

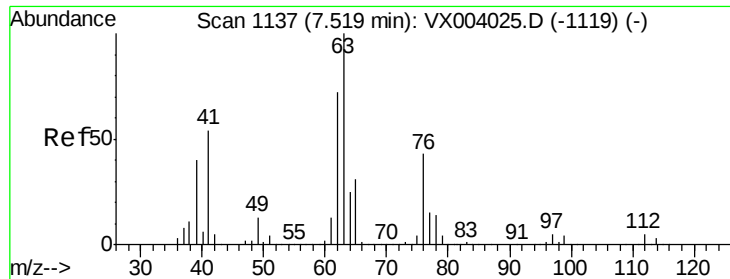


#44

Trichloroethene
 Concen: 48.54 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX004112.D
 Acq: 16 Aug 2018 09:46

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	199.4





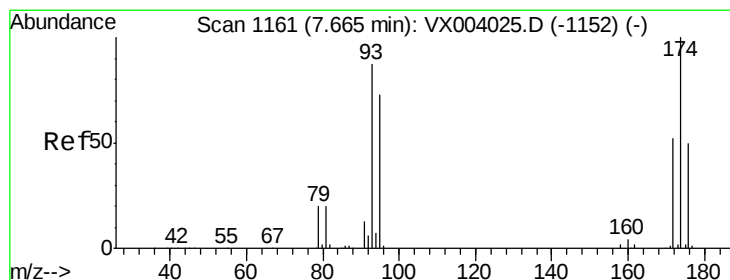
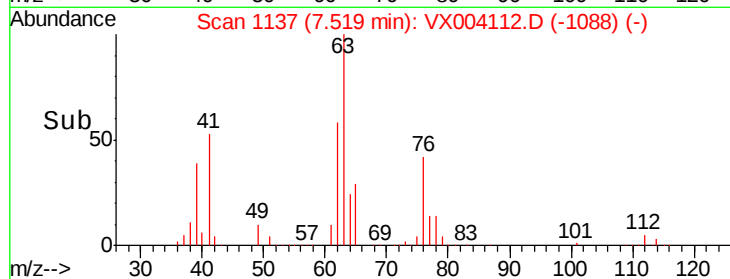
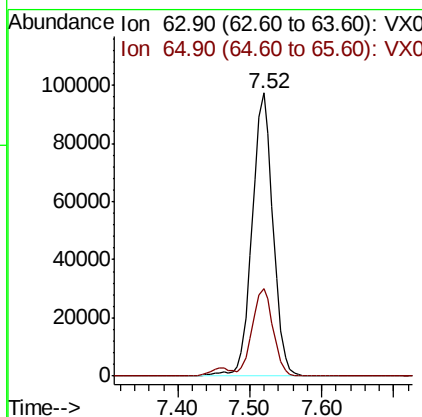
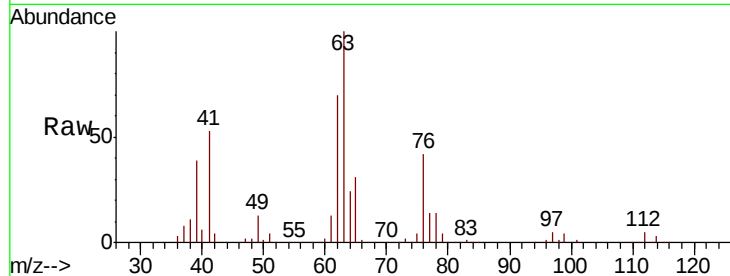
#45
 1,2-Dichloropropane
 Concen: 50.07 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX004112.D
 Acq: 16 Aug 2018 09:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	24.6	36.8

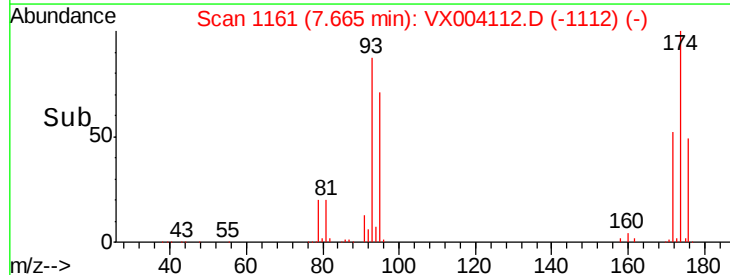
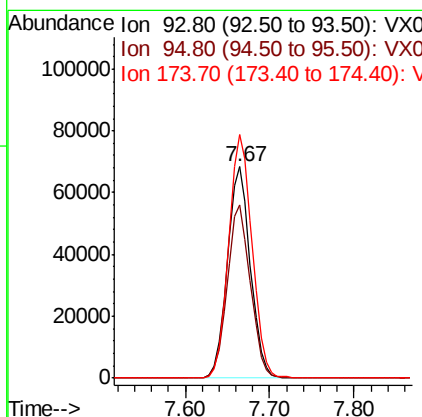
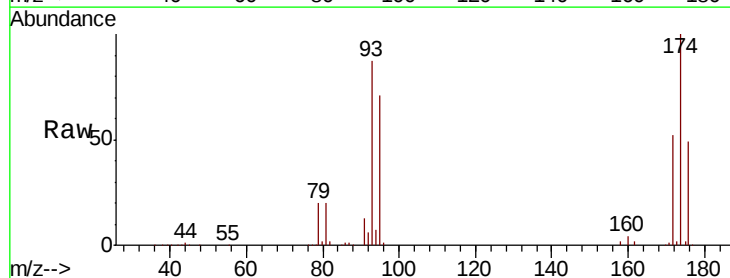
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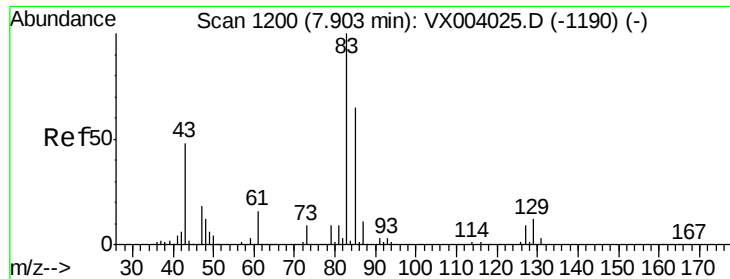
MMDadoda
 8/16/2018 4:40:28 PM



#46
 Dibromomethane
 Concen: 49.62 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX004112.D
 Acq: 16 Aug 2018 09:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.3	66.4	99.6
174	116.2	94.3	141.5





#47

Bromodichloromethane

Concen: 50.66 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX004112.D

Acq: 16 Aug 2018 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 246258

Ion Ratio Lower Upper

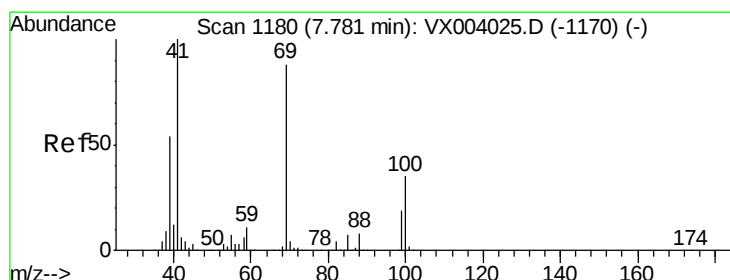
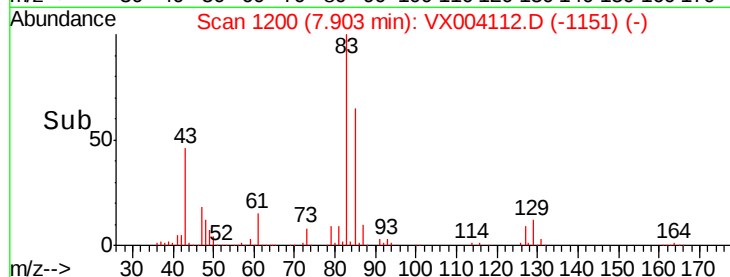
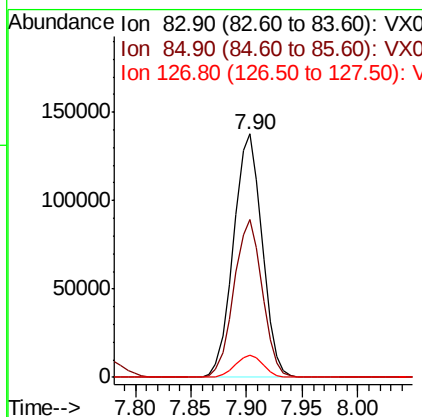
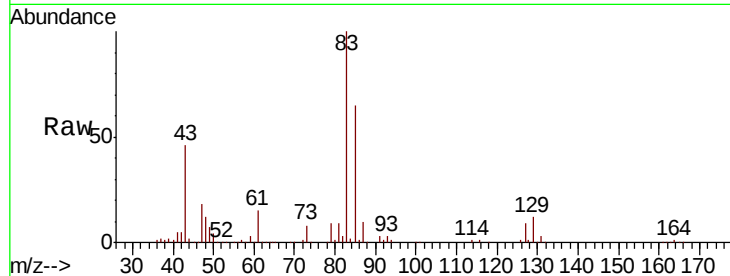
83 100

85 64.8 51.2 76.8

127 8.9 7.2 10.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.97 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX004112.D

Acq: 16 Aug 2018 09:46

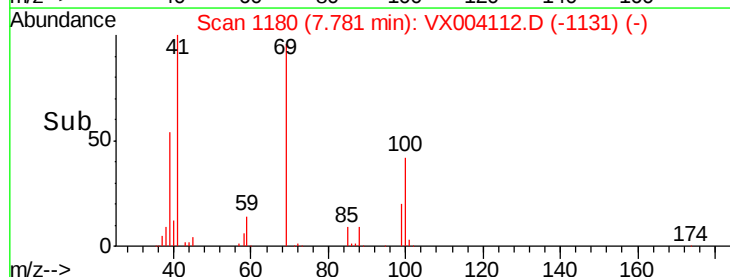
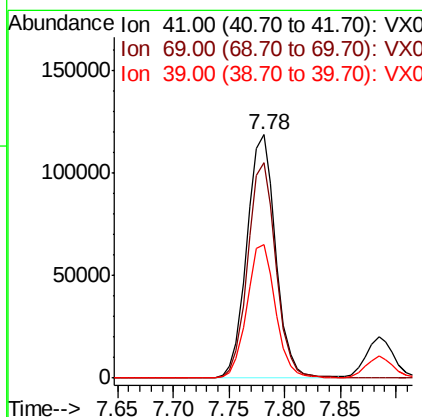
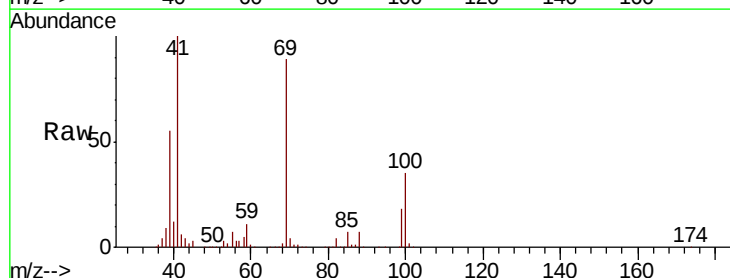
Tgt Ion: 41 Resp: 214574

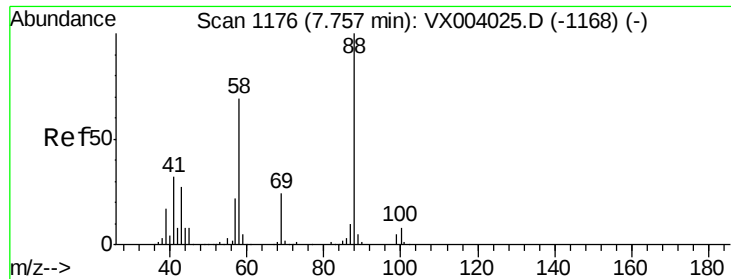
Ion Ratio Lower Upper

41 100

69 87.0 68.8 103.2

39 54.1 42.3 63.5





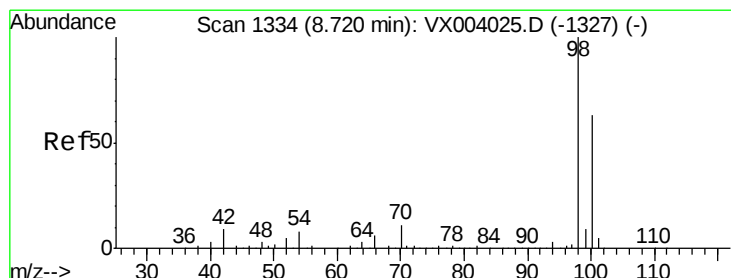
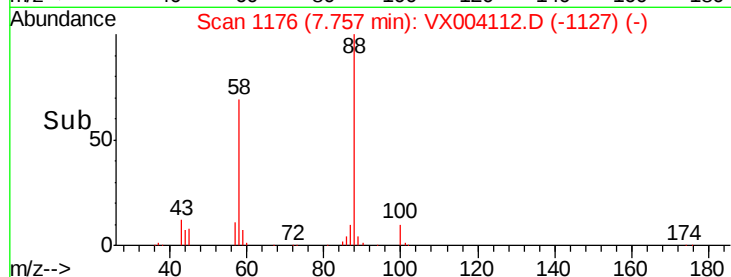
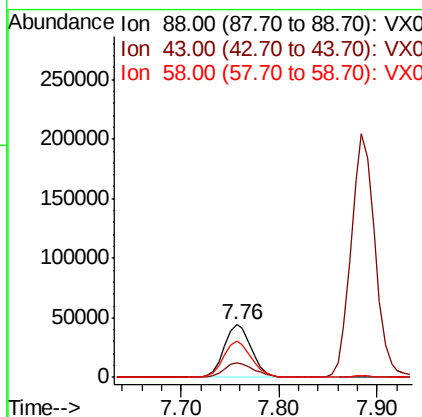
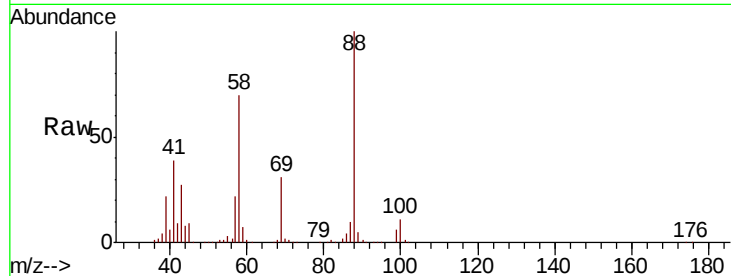
#49
1,4-Dioxane
Concen: 923.70 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX004112.D
Acq: 16 Aug 2018 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.8	23.8	35.8
58	70.1	55.4	83.0

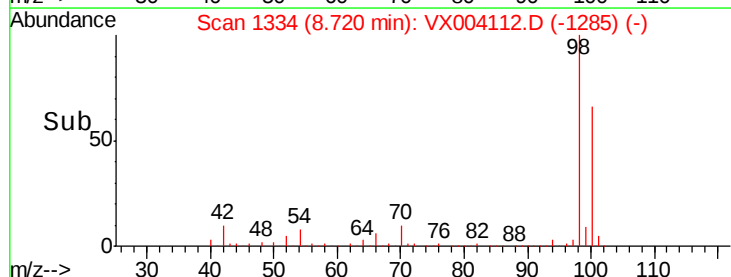
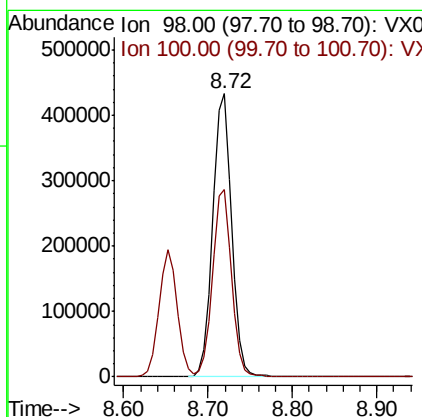
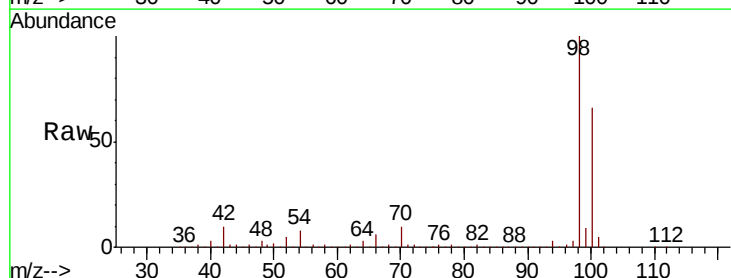
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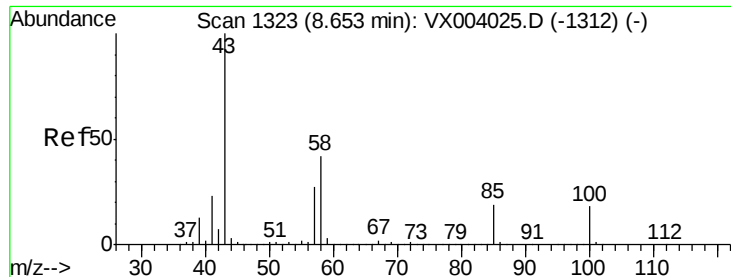
MMDadoda
8/16/2018 4:40:28 PM



#50
Toluene-d8
Concen: 49.57 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX004112.D
Acq: 16 Aug 2018 09:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.3	79.9





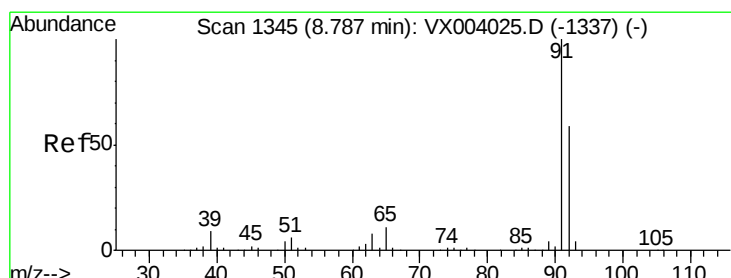
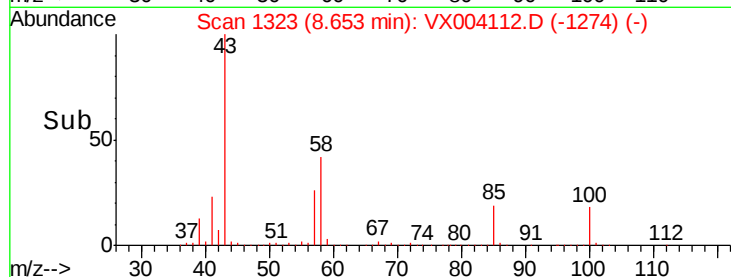
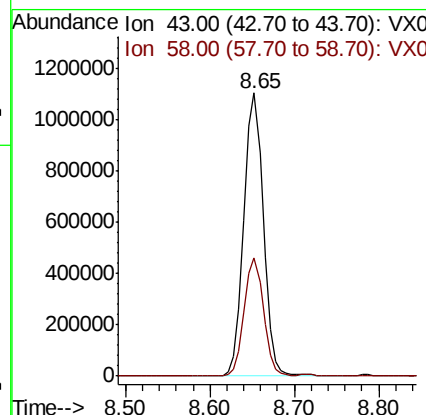
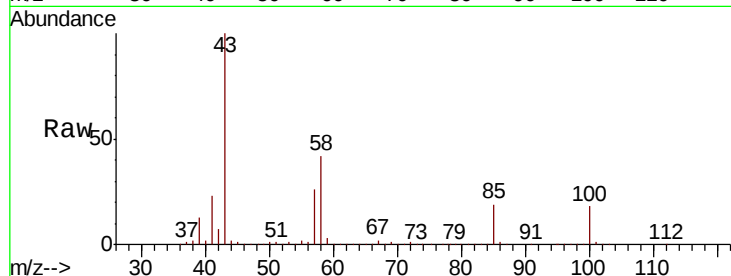
#51
4-Methyl-2-Pentanone
Concen: 255.64 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX004112.D
Acq: 16 Aug 2018 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1719113
Ion Ratio Lower Upper
43 100
58 41.3 33.0 49.6

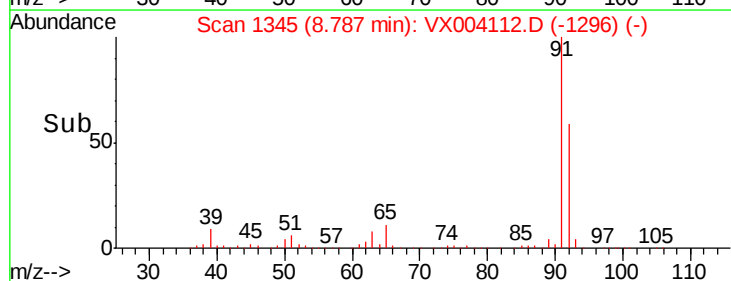
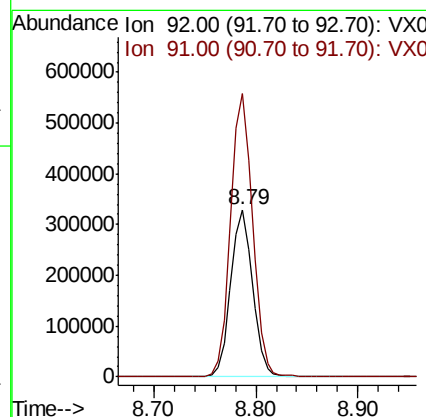
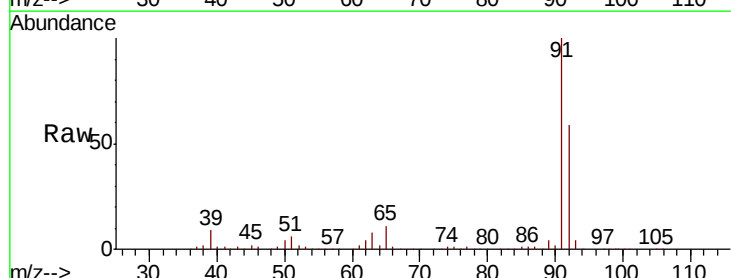
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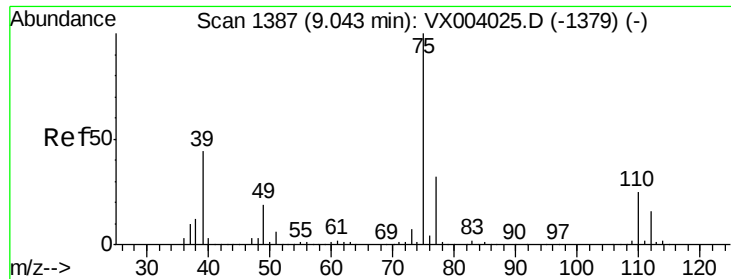
MMDadoda
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#52
Toluene
Concen: 50.39 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX004112.D
Acq: 16 Aug 2018 09:46

Tgt Ion: 92 Resp: 488936
Ion Ratio Lower Upper
92 100
91 170.6 136.1 204.1





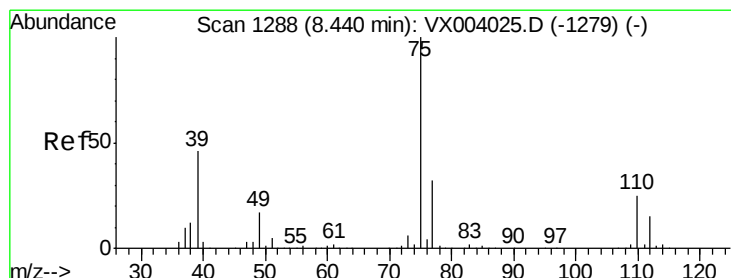
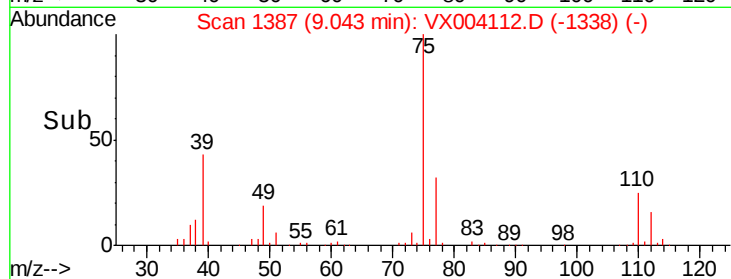
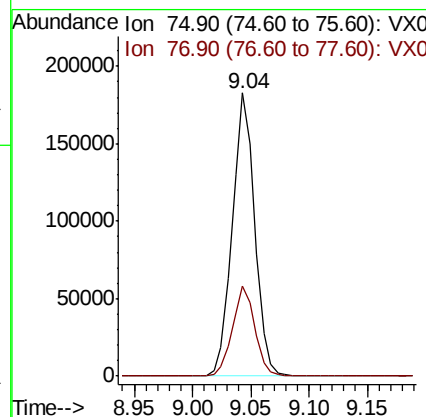
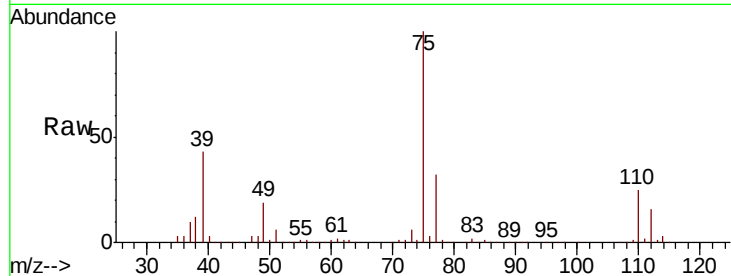
#53
 t-1,3-Dichloropropene
 Concen: 46.54 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: VX004112.D
 Acq: 16 Aug 2018 09:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.1	37.7

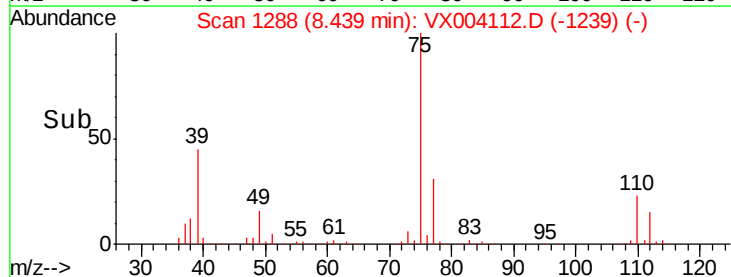
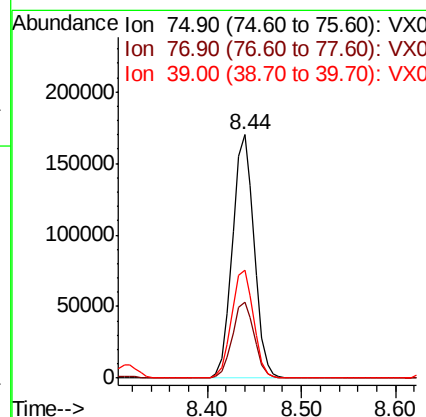
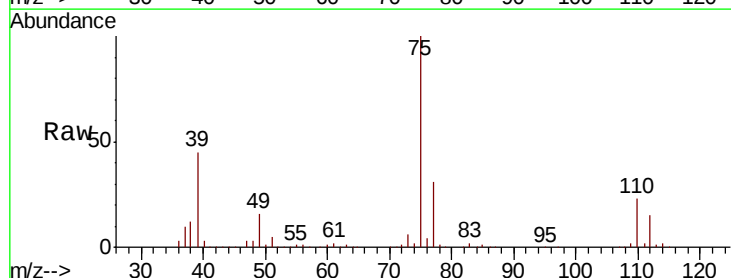
Manual Integrations
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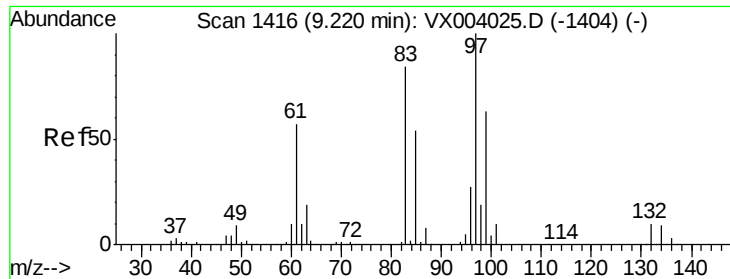
MMDadoda
 8/16/2018 4:40:28 PM



#54
 cis-1,3-Dichloropropene
 Concen: 46.52 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX004112.D
 Acq: 16 Aug 2018 09:46

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.3	37.9
39	44.5	36.2	54.2





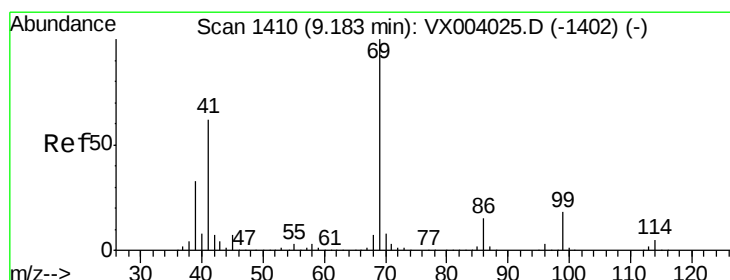
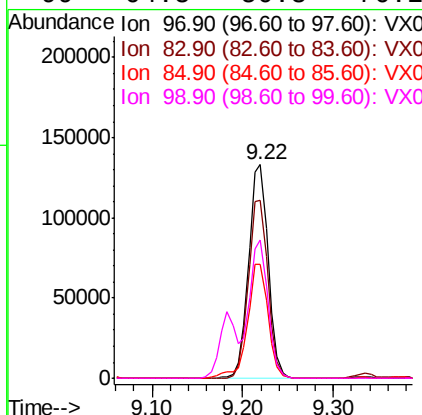
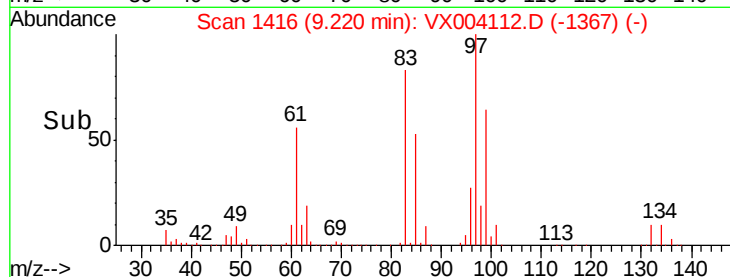
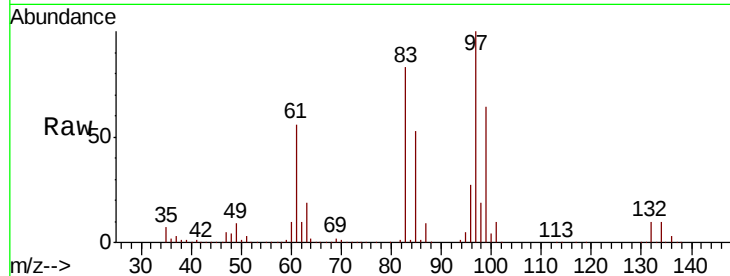
#55
 1,1,2-Trichloroethane
 Concen: 49.54 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX004112.D
 Acq: 16 Aug 2018 09:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		198496		
83	83.4	67.8	101.6		
85	53.2	44.2	66.2		
99	64.5	50.8	76.2		

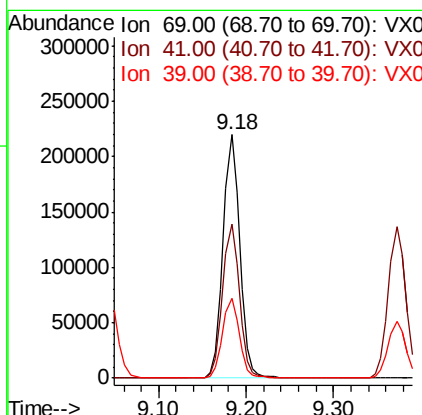
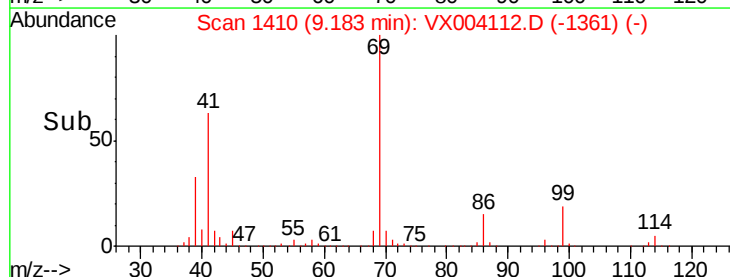
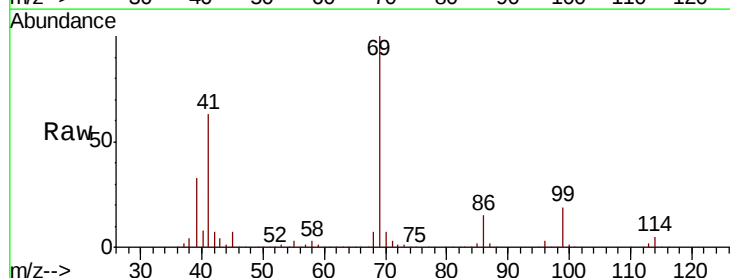
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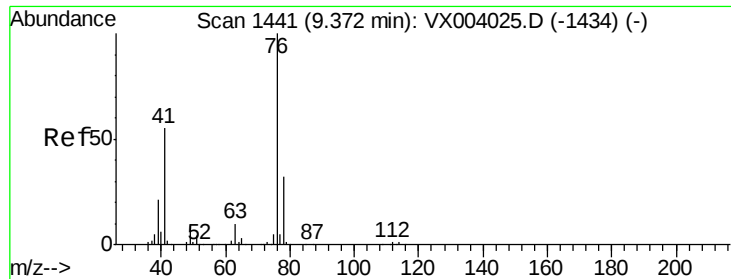
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#56
 Ethyl methacrylate
 Concen: 53.47 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004112.D
 Acq: 16 Aug 2018 09:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		291372		
41	63.7	50.6	76.0		
39	33.1	25.8	38.6		





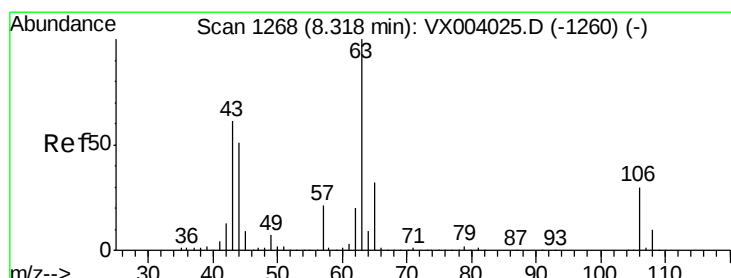
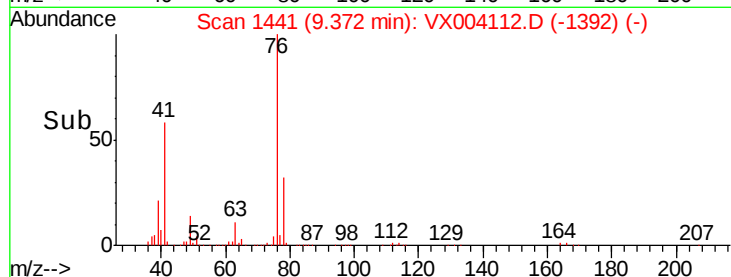
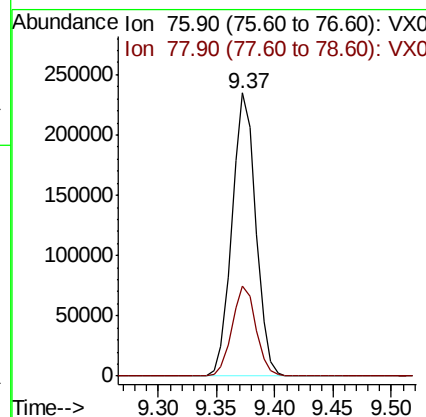
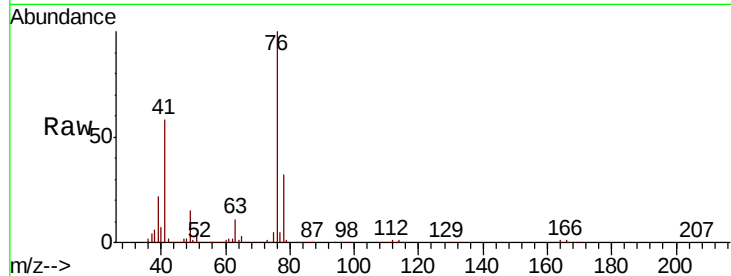
#57
 1,3-Dichloropropane
 Concen: 50.26 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VX004112.D
 Acq: 16 Aug 2018 09:46

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.9	38.9

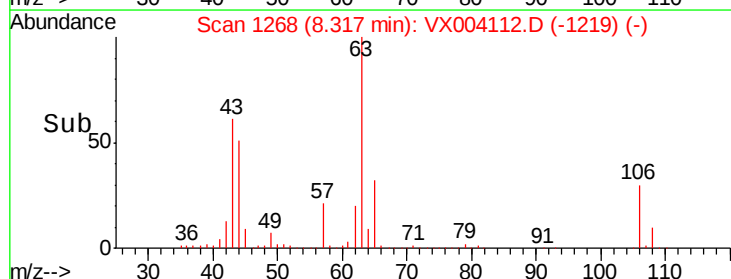
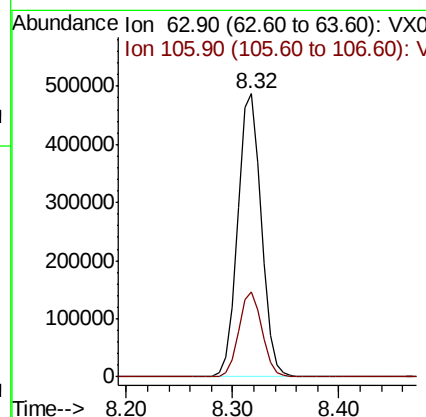
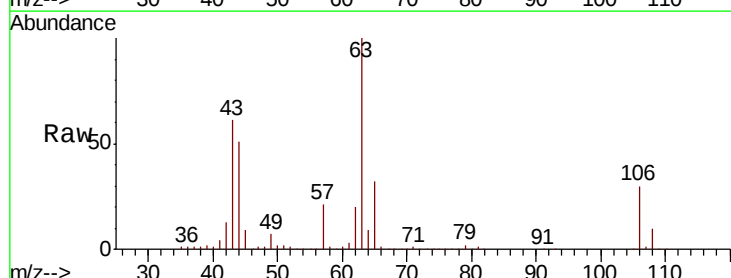
Manual Integrations
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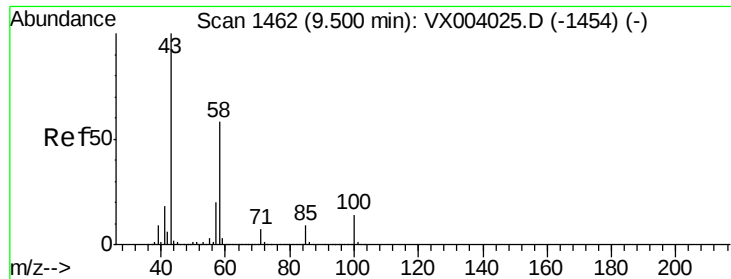
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 273.44 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX004112.D
 Acq: 16 Aug 2018 09:46

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.6	23.8	35.8





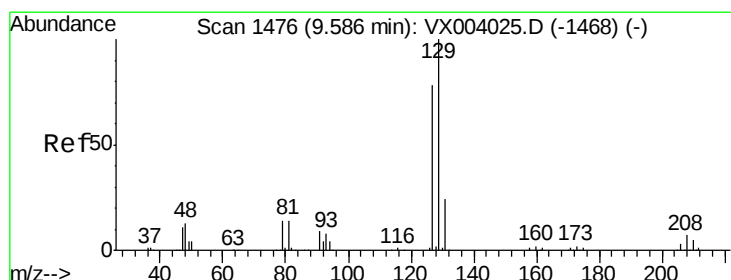
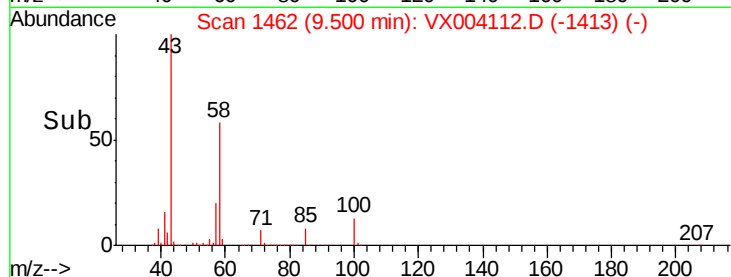
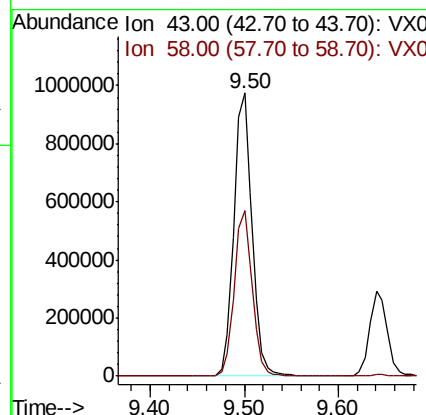
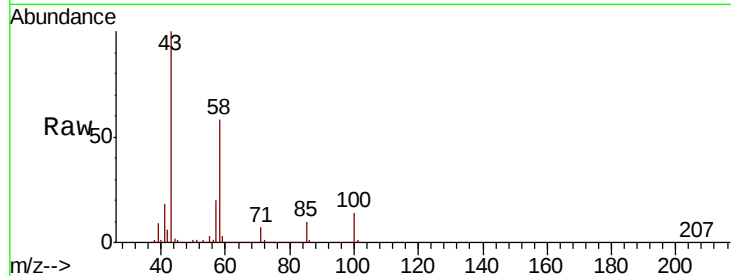
#59
2-Hexanone
Concen: 258.27 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX004112.D
Acq: 16 Aug 2018 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1307134
Ion Ratio Lower Upper
43 100
58 57.9 29.0 87.0

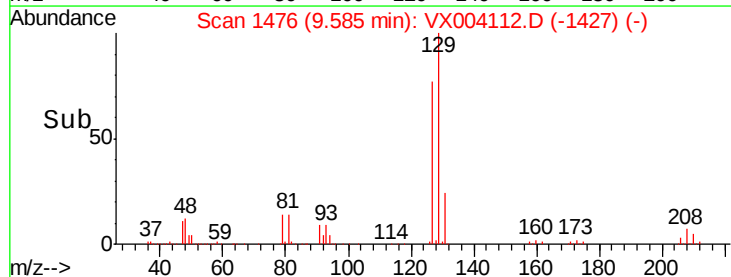
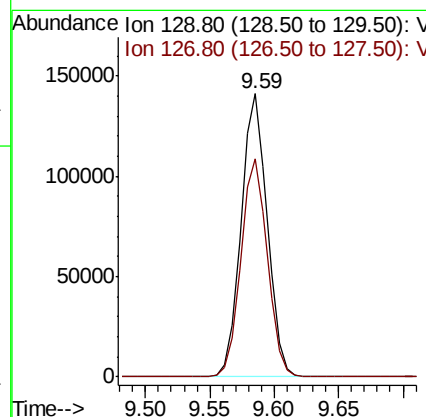
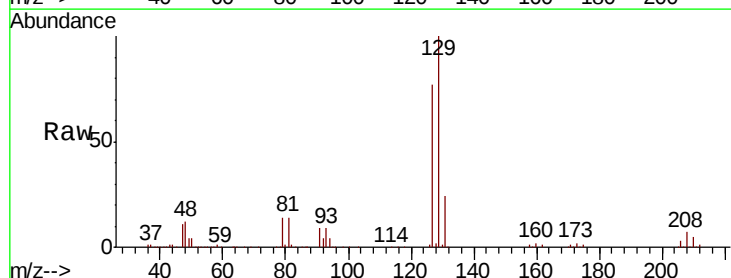
Manual Integrations
APPROVED

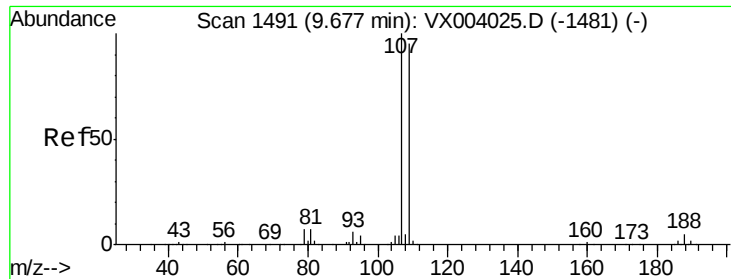
MMDadoda
8/16/2018 4:40:28 PM



#60
Dibromochloromethane
Concen: 51.45 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004112.D
Acq: 16 Aug 2018 09:46

Tgt Ion: 129 Resp: 198377
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.3





#61

1,2-Dibromoethane

Concen: 49.95 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.01 min

Lab File: VX004112.D

Acq: 16 Aug 2018 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 204049

Ion Ratio Lower Upper

107 100

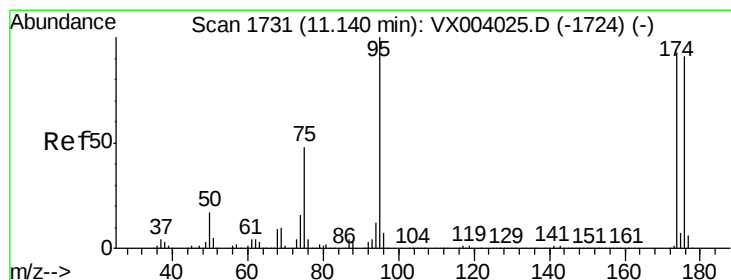
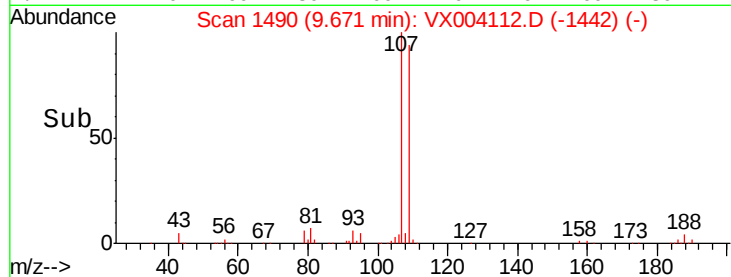
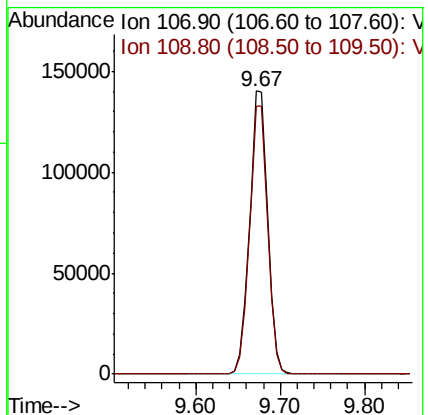
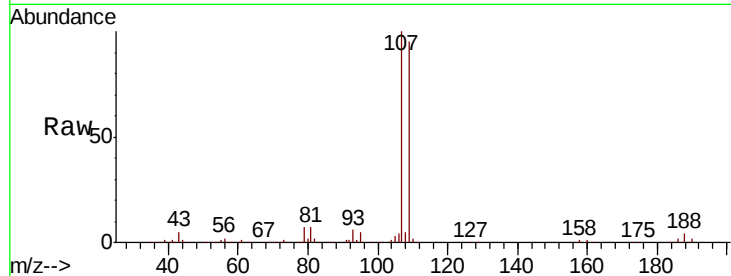
109 95.1 75.8 113.8

Manual Integrations

APPROVED

MMDadoda

8/16/2018 4:40:28 PM



#62

4-Bromofluorobenzene

Concen: 46.96 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004112.D

Acq: 16 Aug 2018 09:46

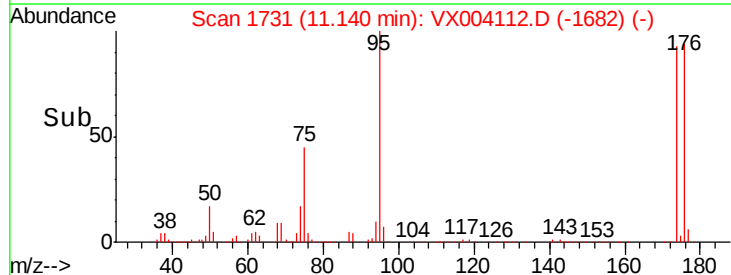
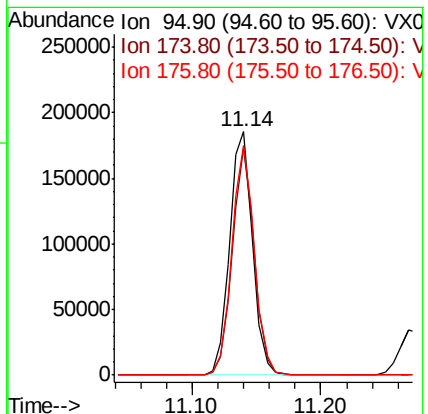
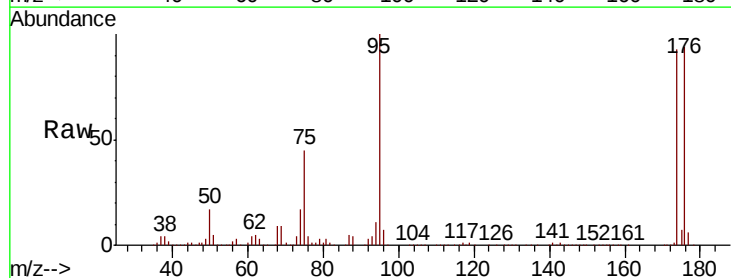
Tgt Ion: 95 Resp: 232060

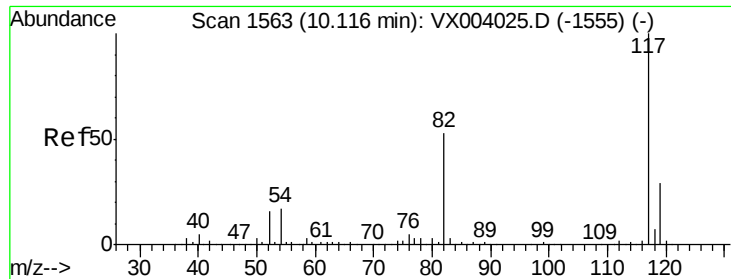
Ion Ratio Lower Upper

95 100

174 88.9 0.0 182.8

176 92.4 0.0 179.0





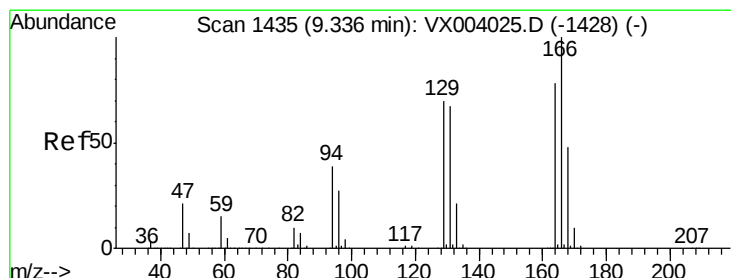
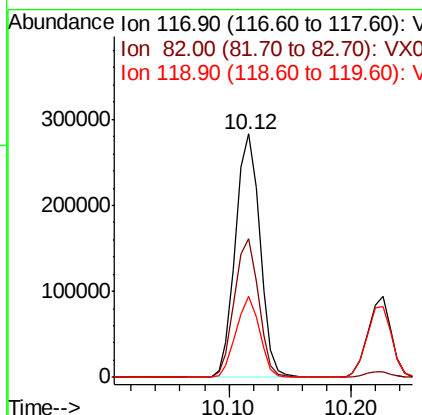
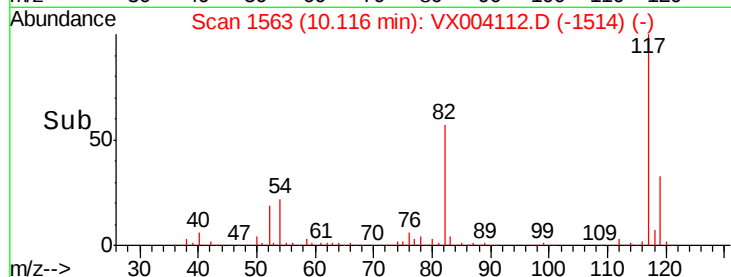
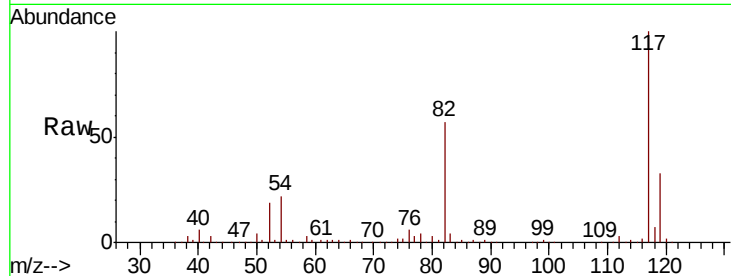
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004112.D
Acq: 16 Aug 2018 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	392107		
82	57.0	45.4	68.0	
119	33.2	26.6	40.0	

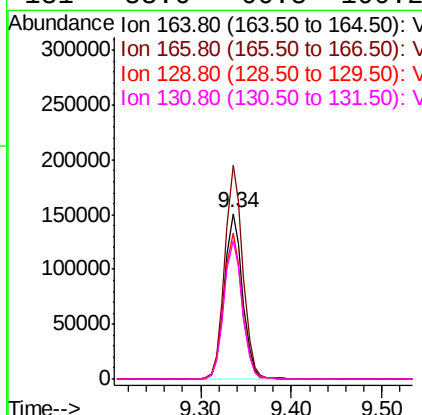
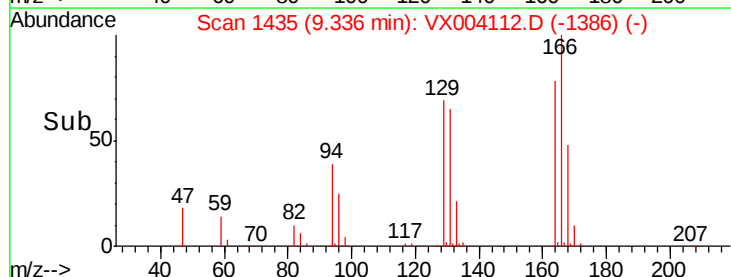
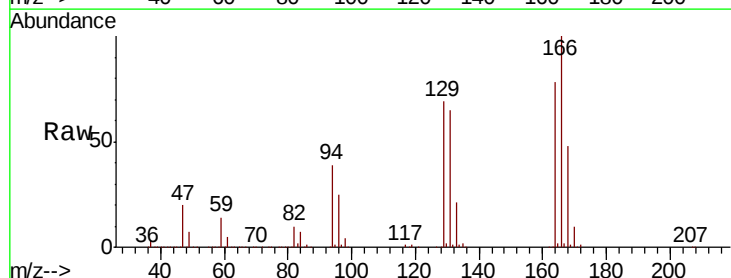
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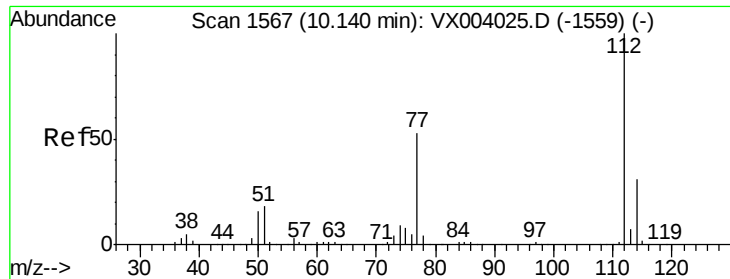
MMDadoda
8/16/2018 4:40:28 PM



#64
Tetrachloroethene
Concen: 56.60 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004112.D
Acq: 16 Aug 2018 09:46

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	210350		
166	128.8	98.0	147.0	
129	88.4	64.3	96.5	
131	83.6	66.8	100.2	





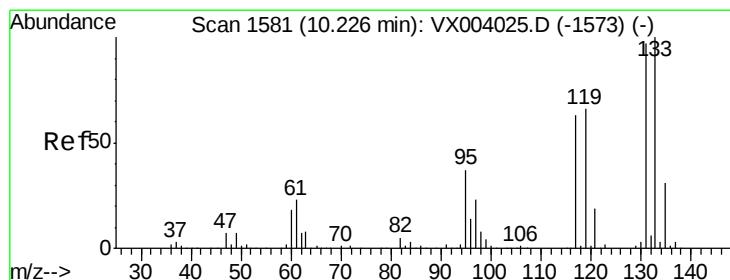
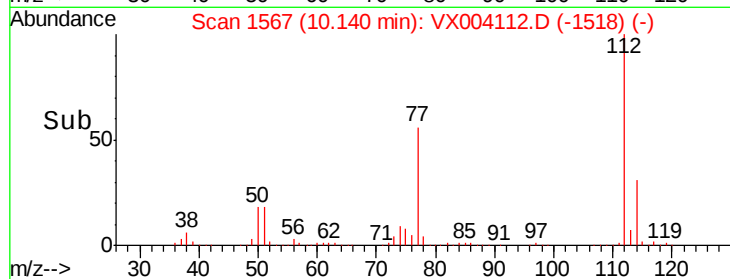
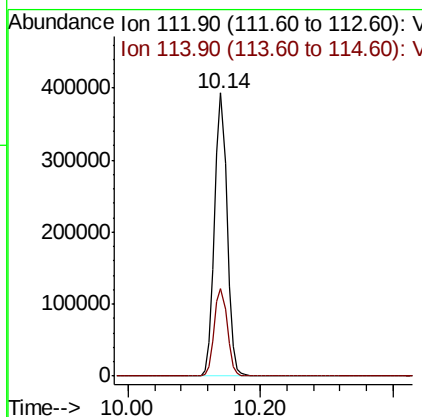
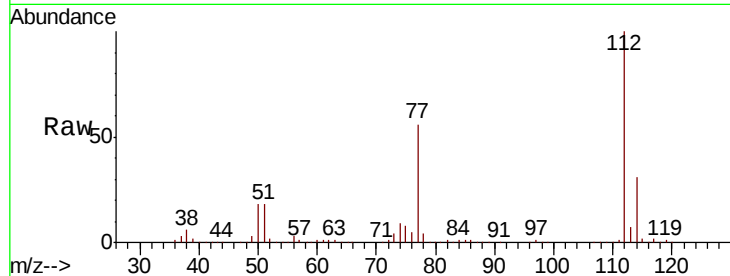
#65
Chlorobenzene
Concen: 50.23 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004112.D
Acq: 16 Aug 2018 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 508765
Ion Ratio Lower Upper
112 100
114 31.1 23.6 35.4

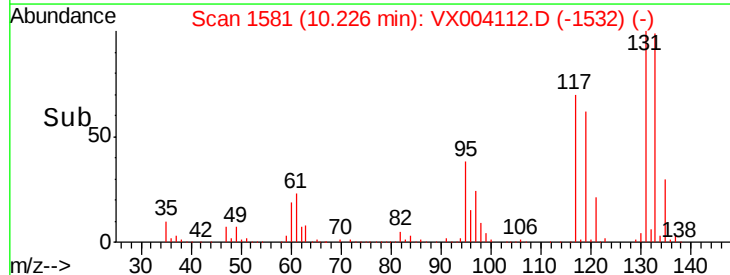
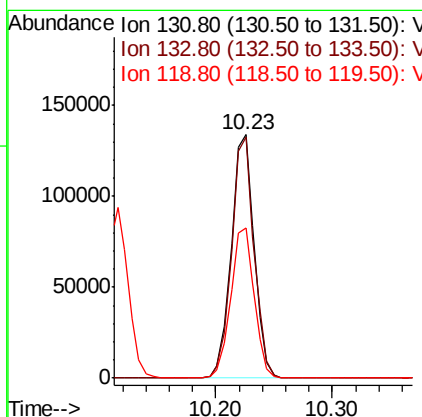
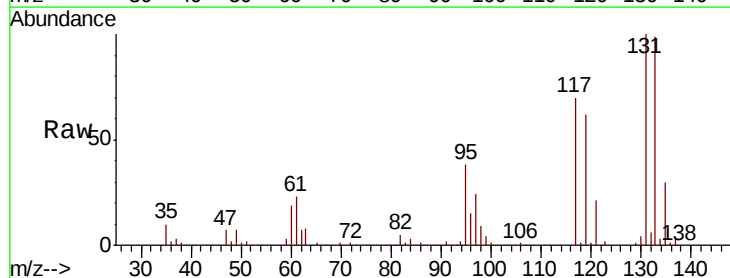
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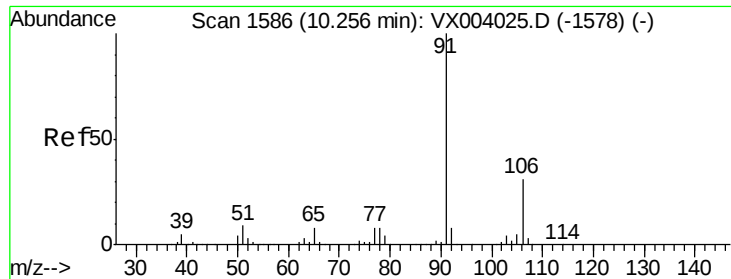
MMDadoda
8/16/2018 4:40:28 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 53.01 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX004112.D
Acq: 16 Aug 2018 09:46

Tgt Ion:131 Resp: 183136
Ion Ratio Lower Upper
131 100
133 97.3 47.3 141.8
119 63.4 31.6 94.8





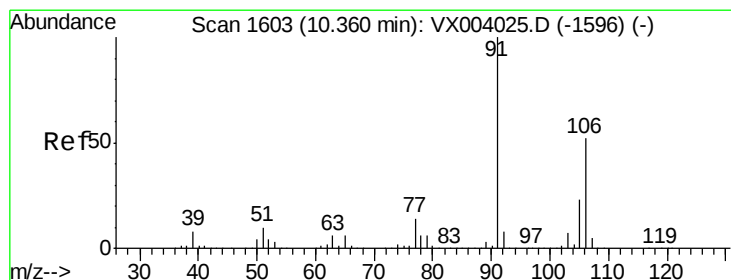
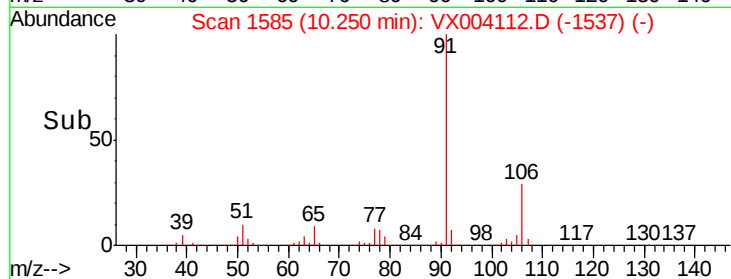
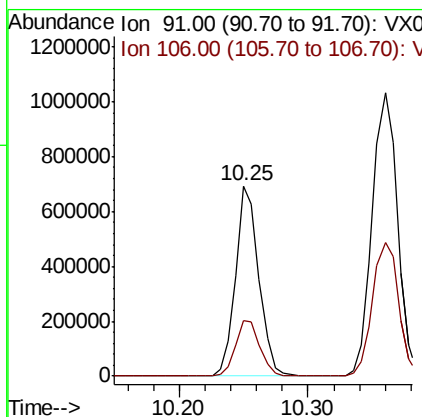
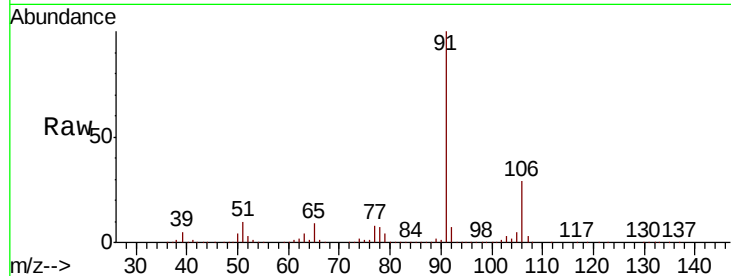
#67
Ethyl Benzene
Concen: 54.47 ug/l
RT: 10.25 min Scan# 1585
Delta R.T. -0.01 min
Lab File: VX004112.D
Acq: 16 Aug 2018 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 873567
Ion Ratio Lower Upper
91 100
106 29.2 25.9 38.9

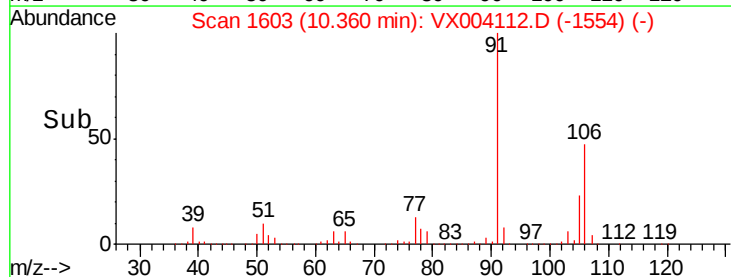
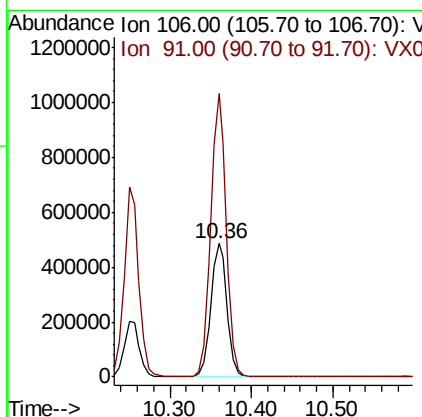
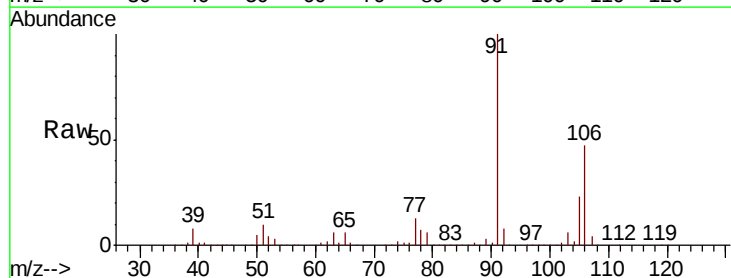
Manual Integrations
APPROVED

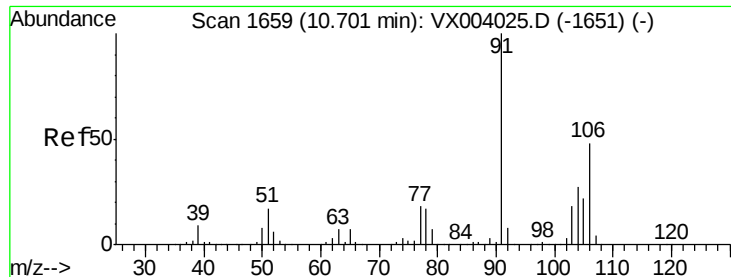
MMDadoda
8/16/2018 4:40:28 PM



#68
m/p-Xylenes
Concen: 108.32 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004112.D
Acq: 16 Aug 2018 09:46

Tgt Ion: 106 Resp: 680342
Ion Ratio Lower Upper
106 100
91 204.8 162.3 243.5





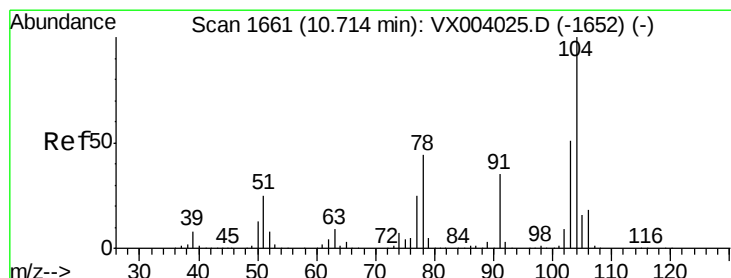
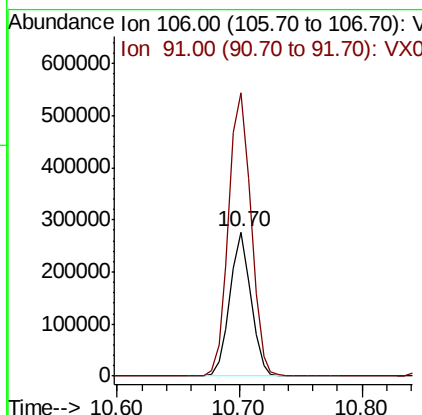
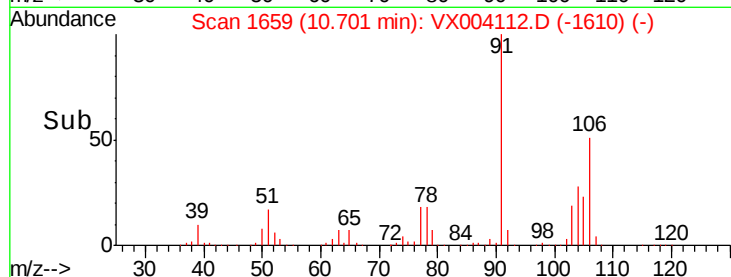
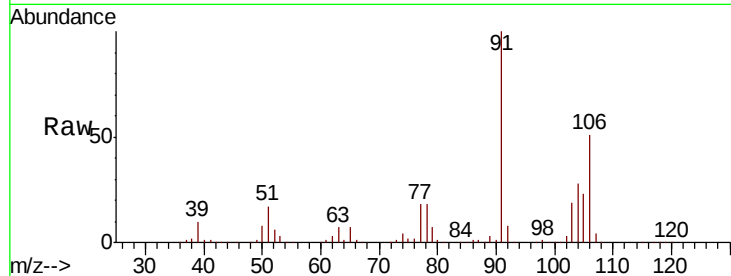
#69
o-Xylene
Concen: 54.67 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004112.D
Acq: 16 Aug 2018 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.5	101.9	305.7

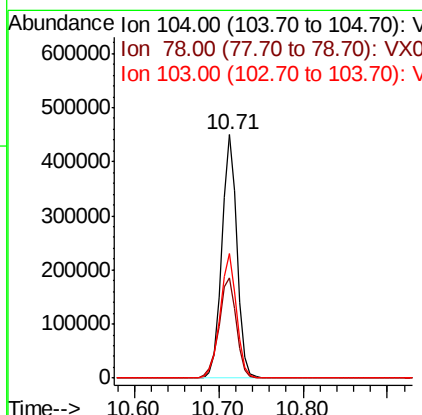
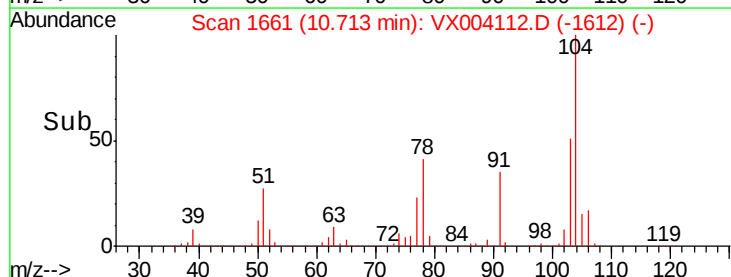
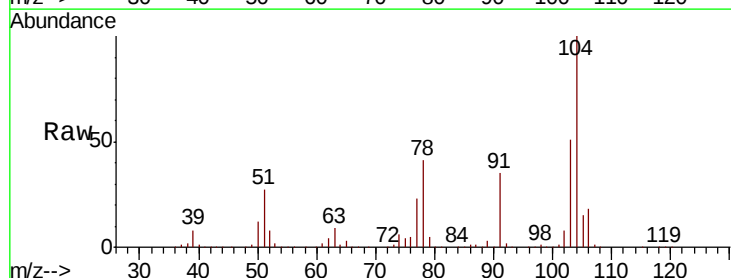
Manual Integrations
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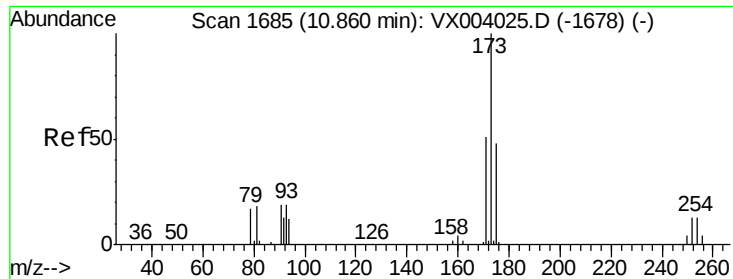
MMDadoda
8/16/2018 4:40:28 PM



#70
Styrene
Concen: 55.77 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004112.D
Acq: 16 Aug 2018 09:46

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.0	39.8	59.6
103	55.1	44.3	66.5





#71

Bromoform

Concen: 52.30 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX004112.D

Acq: 16 Aug 2018 09:46

Instrument :

MSVOA_X

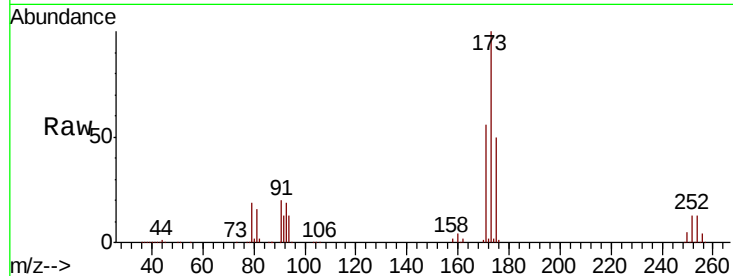
ClientSampleId :

VSTDCCC050EC

Tot Ion:	173	Resp:	143276
Ion Ratio	Lower	Upper	
173	100		
175	49.0	24.9	74.7
254	0.2	0.2	0.2

Manual Integrations
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MMDadoda
8/16/2018 4:40:28 PM

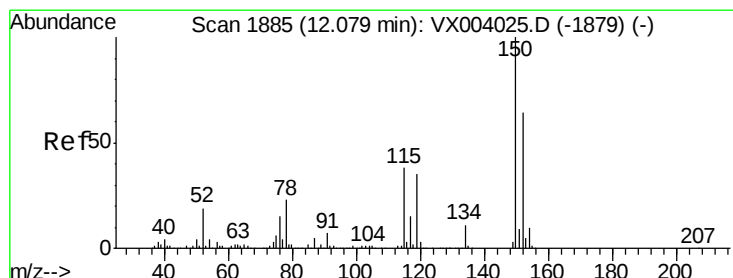
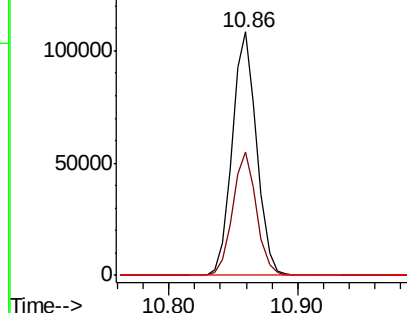
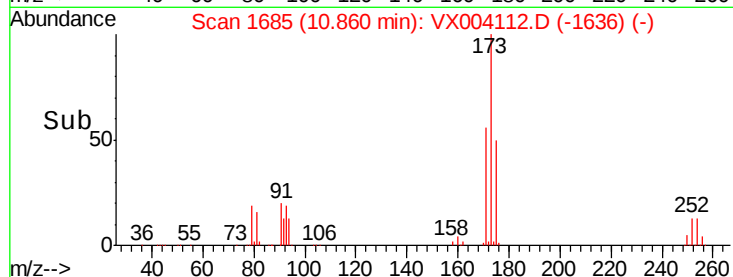


Abundance

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: 50.00 ug/l

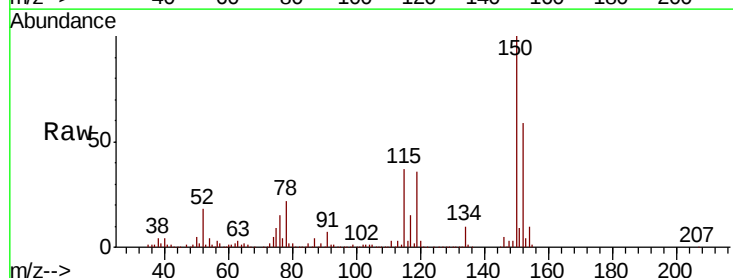
RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004112.D

Acq: 16 Aug 2018 09:46

Tgt Ion:	152	Resp:	261202
Ion Ratio	Lower	Upper	
152	100		
115	79.1	39.1	117.3
150	175.5	0.0	349.2

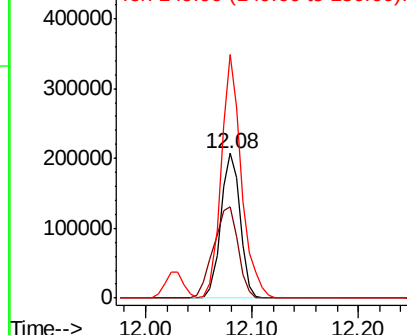
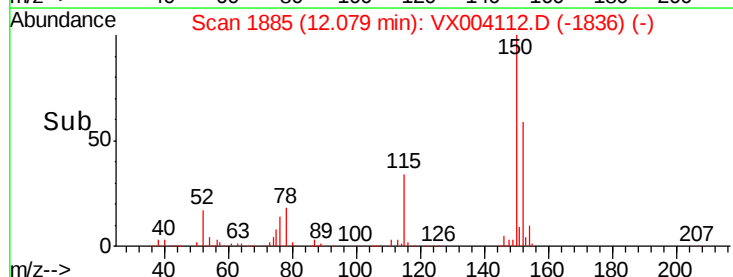


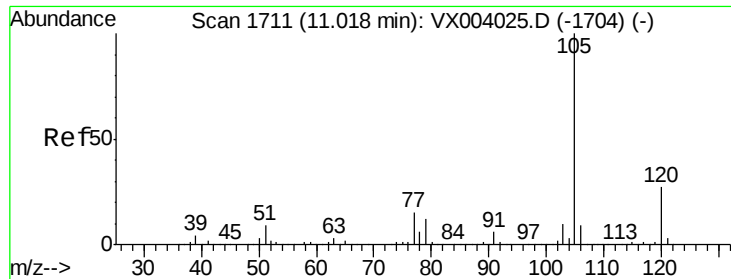
Abundance

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





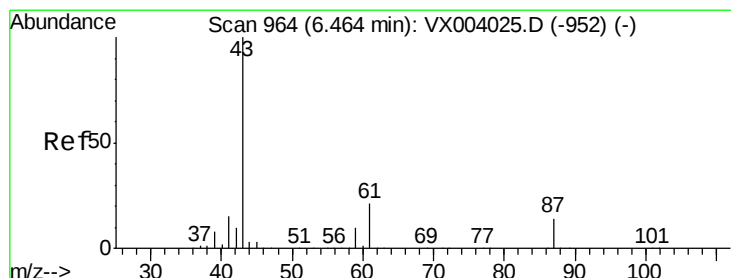
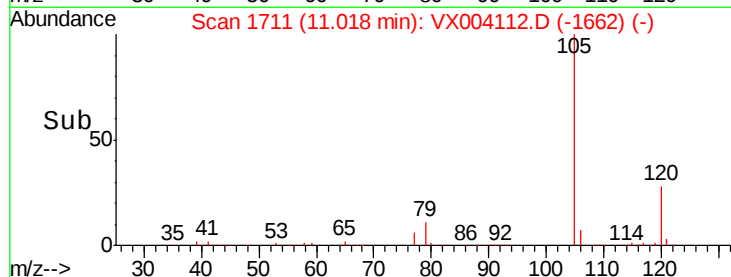
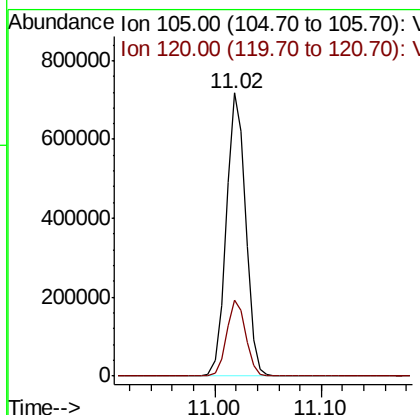
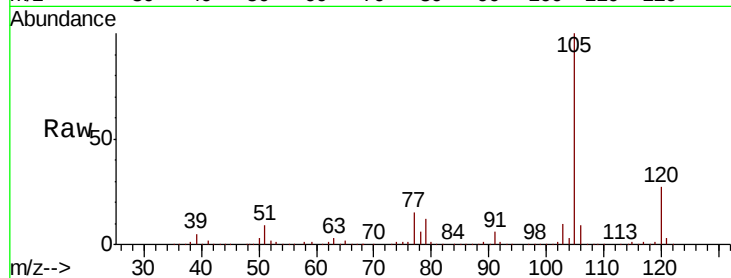
#73
Isopropylbenzene
Concen: 51.79 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. -0.00 min
Lab File: VX004112.D
Acq: 16 Aug 2018 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 105 Resp: 915459
Ion Ratio Lower Upper
105 100
120 26.2 12.6 37.8

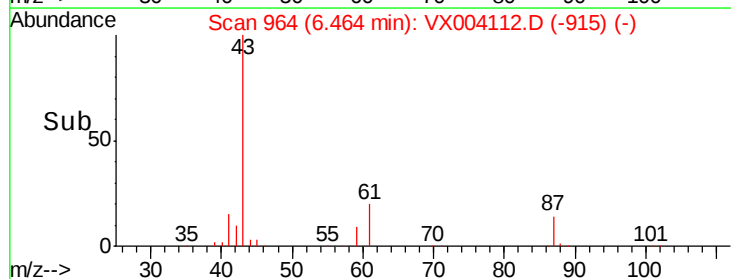
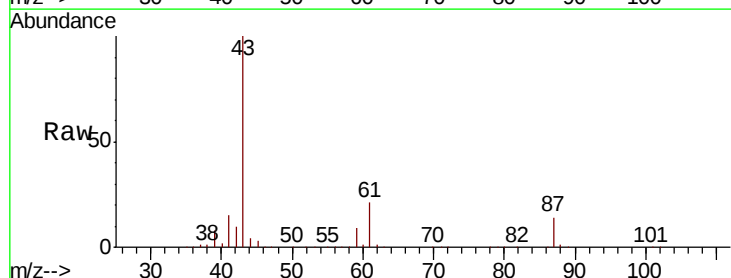
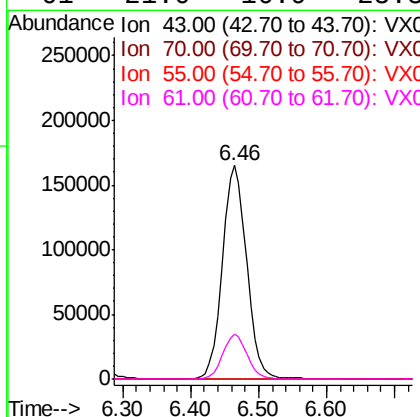
Manual Integrations
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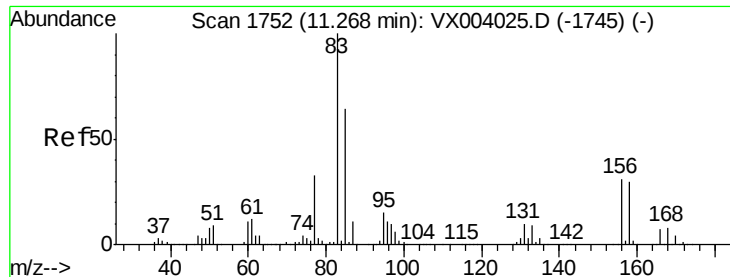
MMDadoda
8/16/2018 4:40:28 PM



#74
N-ethyl acetate
Concen: 48.80 ug/l
RT: 6.46 min Scan# 964
Delta R.T. -0.00 min
Lab File: VX004112.D
Acq: 16 Aug 2018 09:46

Tgt Ion: 43 Resp: 405695
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0#
55 0.1 0.1 0.1#
61 21.0 16.9 25.3





#75

1,1,2,2-Tetrachloroethane

Concen: 46.25 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004112.D

Acq: 16 Aug 2018 09:46

Instrument :

MSVOA_X

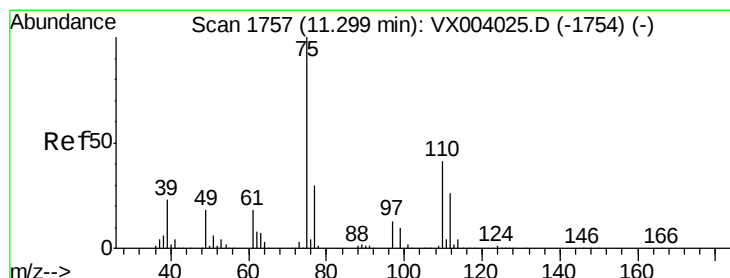
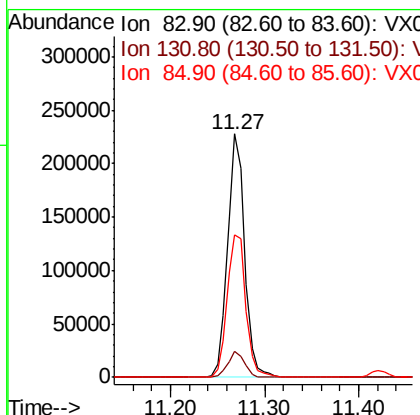
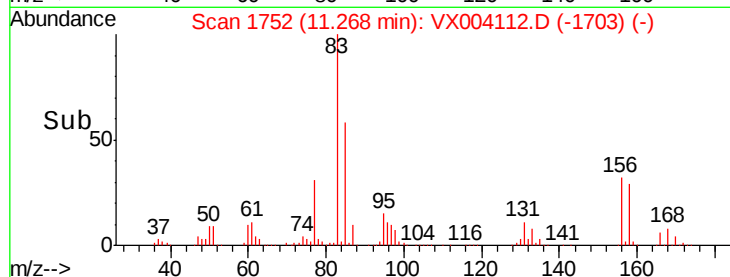
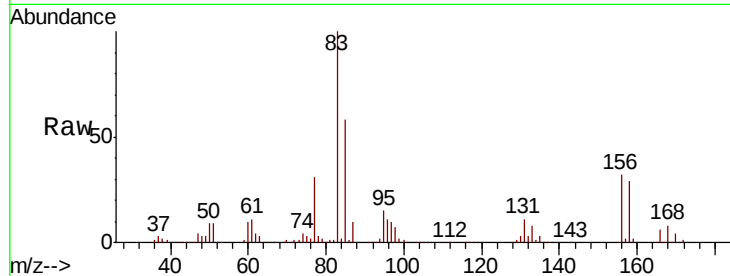
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	285495
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.2	15.6
85	64.1	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 47.38 ug/l m

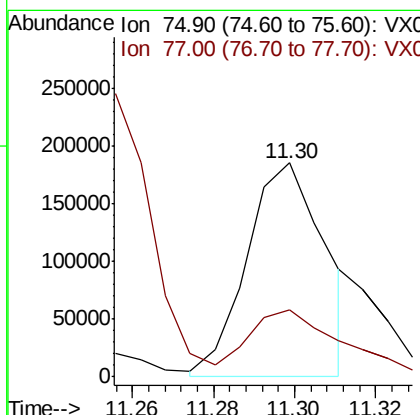
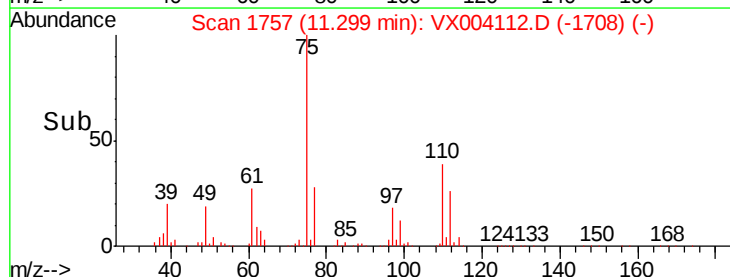
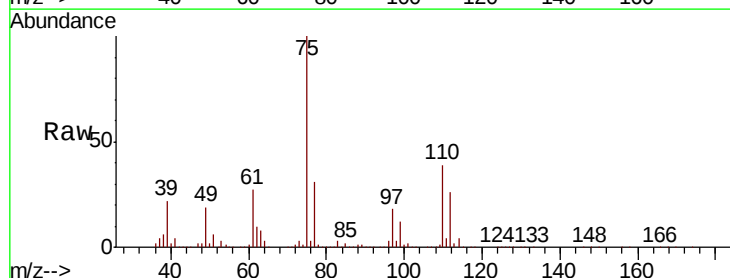
RT: 11.30 min Scan# 1757

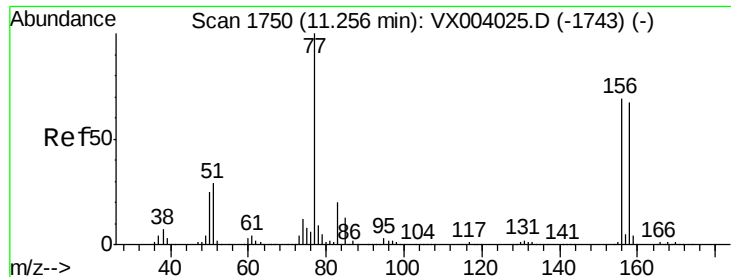
Delta R.T. -0.00 min

Lab File: VX004112.D

Acq: 16 Aug 2018 09:46

Tgt Ion:	75	Resp:	248165
Ion Ratio	Lower	Upper	
75	100		
77	37.7	20.8	62.5





#77

Bromobenzene

Concen: 46.39 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004112.D

Acq: 16 Aug 2018 09:46

Instrument :

MSVOA_X

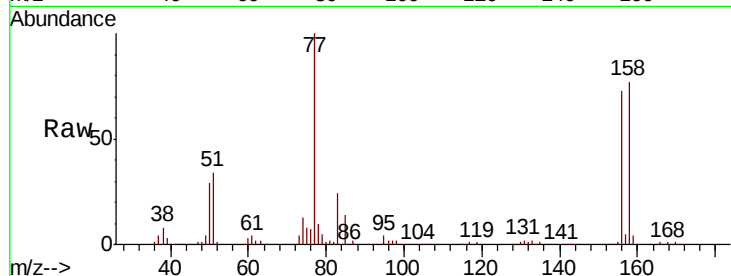
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	226024
Ion	Ratio	Lower	Upper
156	100		
77	144.5	74.1	222.2
158	100.9	48.6	145.9

Manual Integrations
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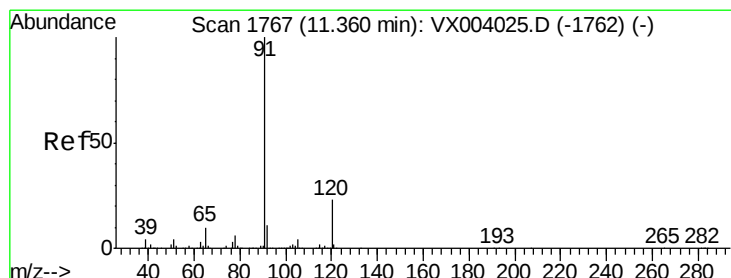
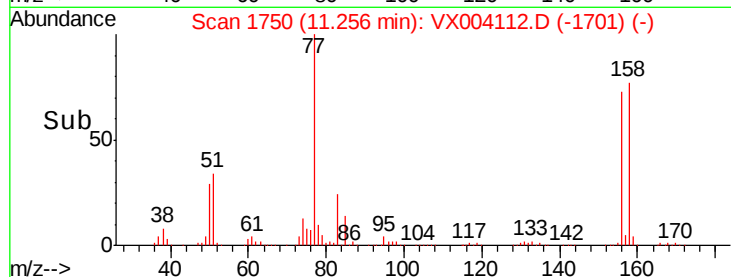
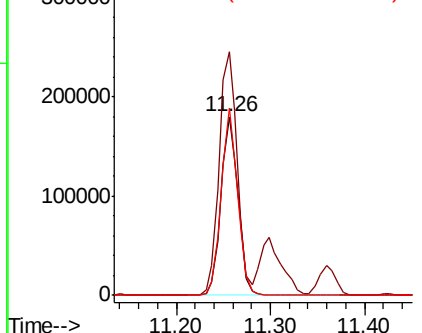
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.49 ug/l

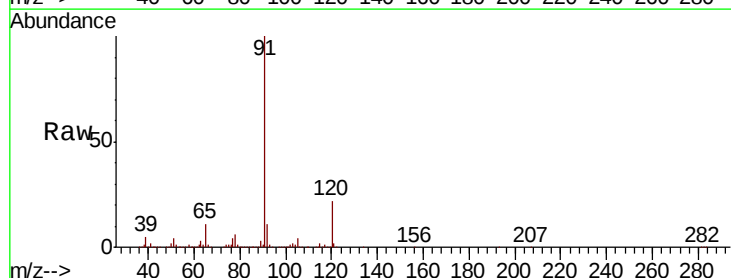
RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004112.D

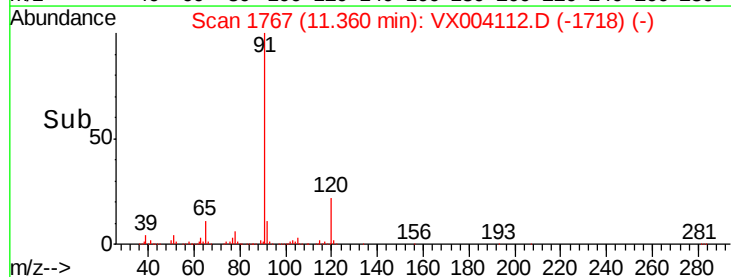
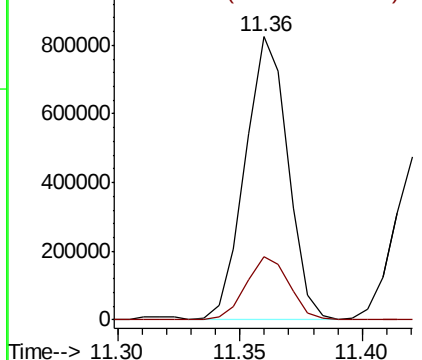
Acq: 16 Aug 2018 09:46

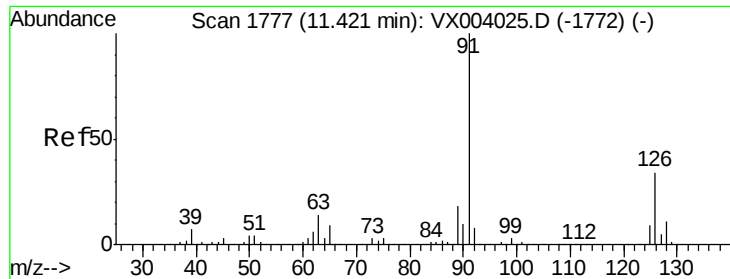
Tgt Ion:	91	Resp:	998828
Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.9	35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.81 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.00 min

Lab File: VX004112.D

Acq: 16 Aug 2018 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 576379

Ion Ratio Lower Upper

91 100

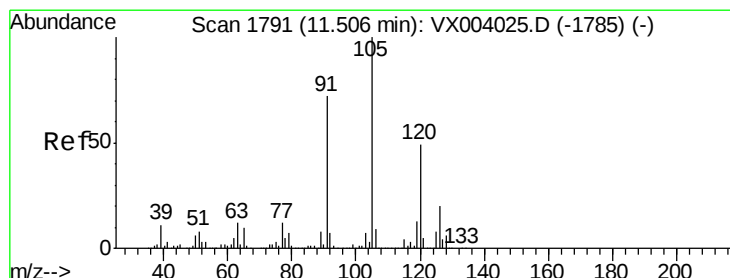
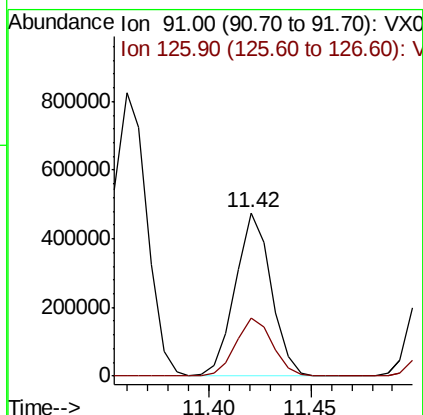
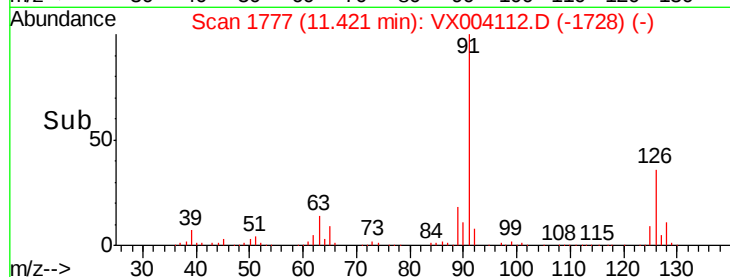
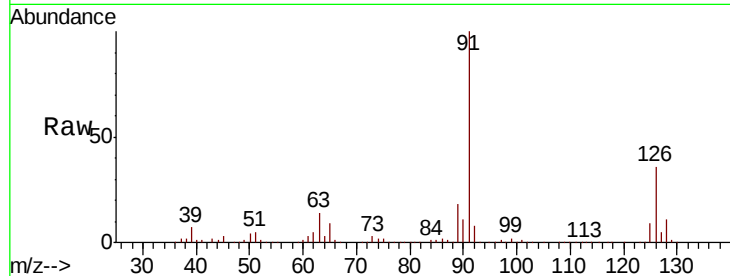
126 36.5 17.4 52.3

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 50.85 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX004112.D

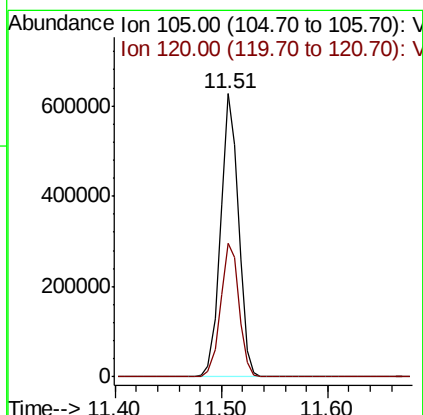
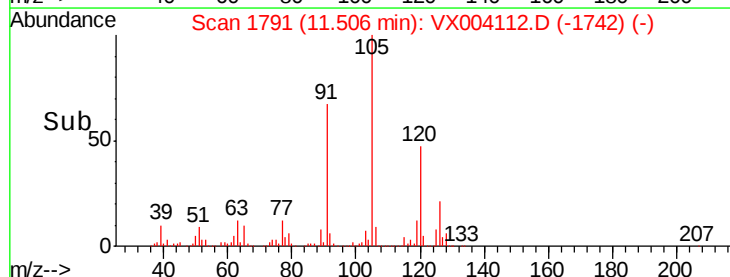
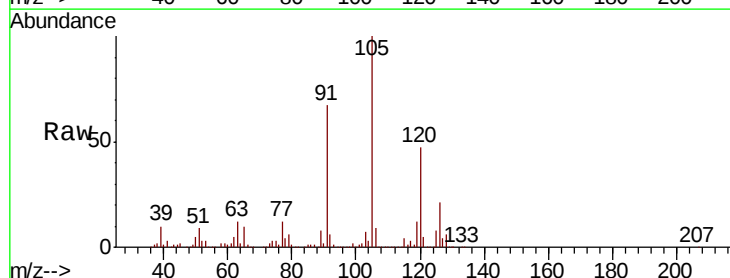
Acq: 16 Aug 2018 09:46

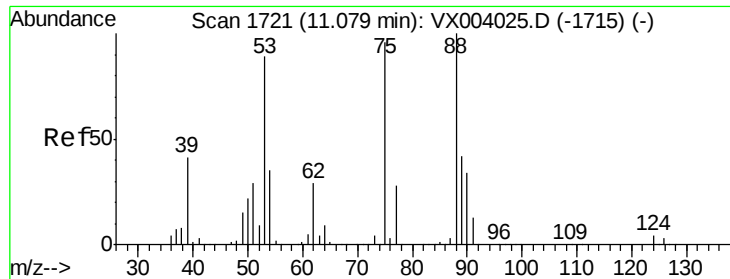
Tgt Ion:105 Resp: 735923

Ion Ratio Lower Upper

105 100

120 48.6 25.4 76.2





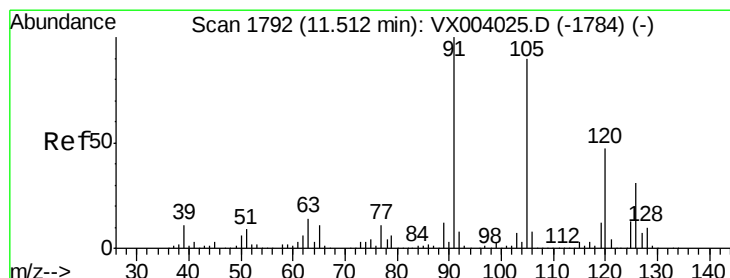
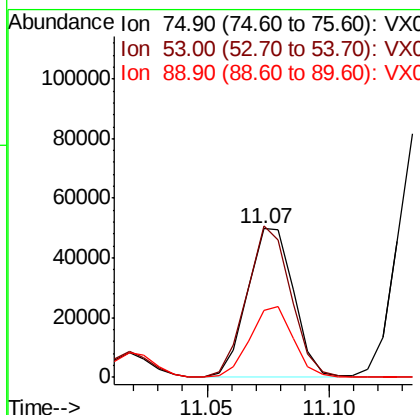
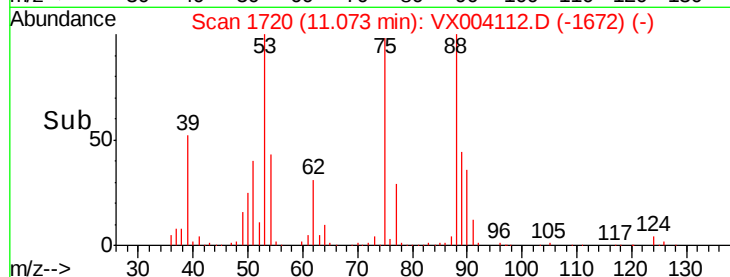
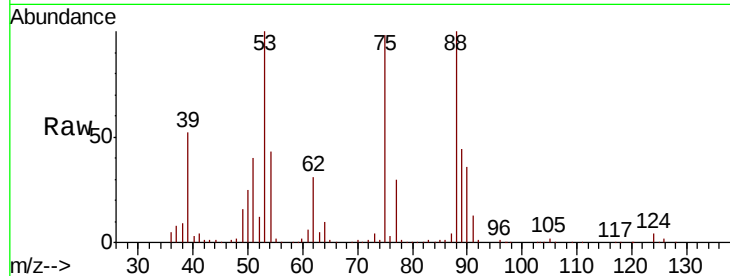
#81
trans-1,4-Dichloro-2-butene
Concen: 38.54 ug/l
RT: 11.07 min Scan# 1720
Delta R.T. -0.01 min
Lab File: VX004112.D
Acq: 16 Aug 2018 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.5	80.3	120.5
89	45.1	37.8	56.8

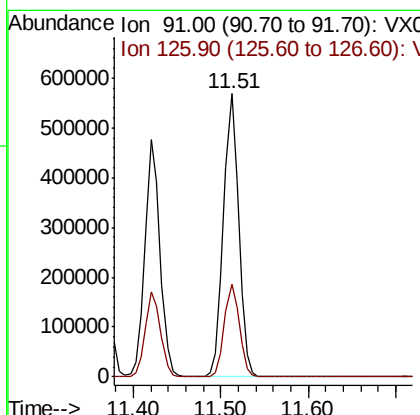
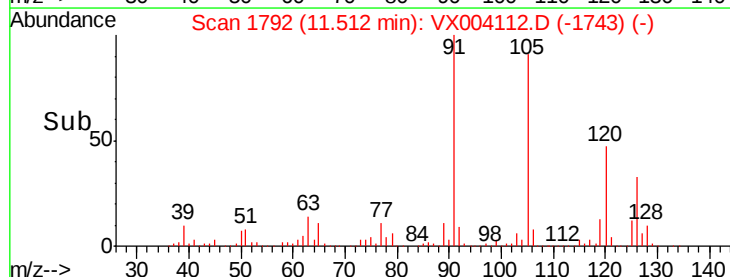
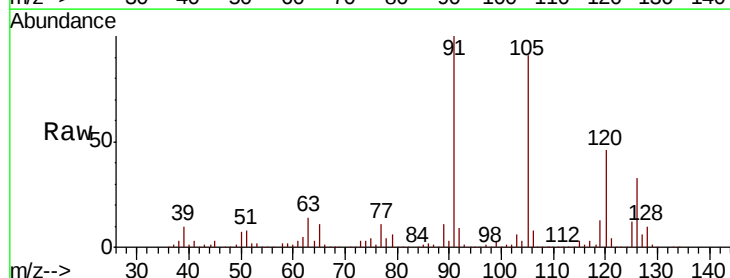
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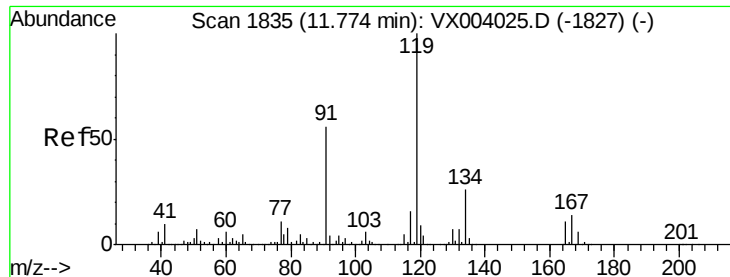
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#82
4-Chlorotoluene
Concen: 47.87 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004112.D
Acq: 16 Aug 2018 09:46

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.4	15.6	46.7





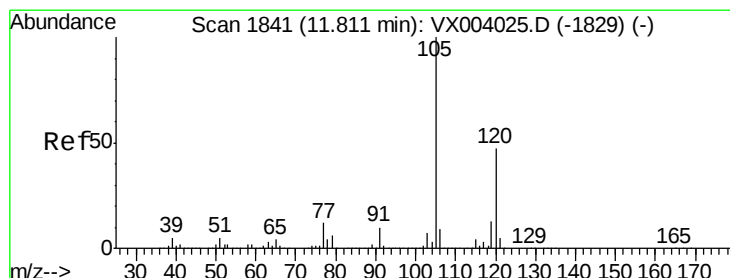
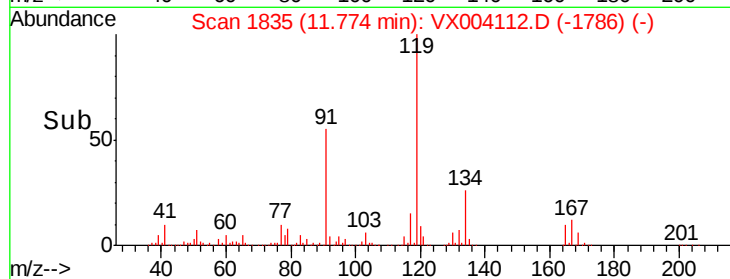
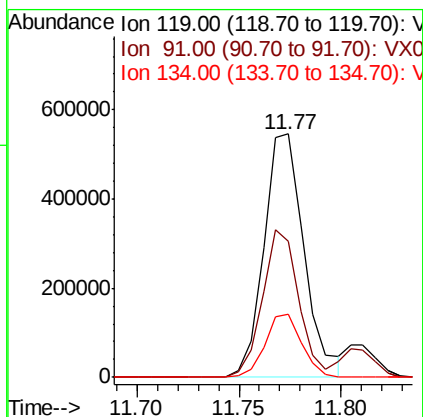
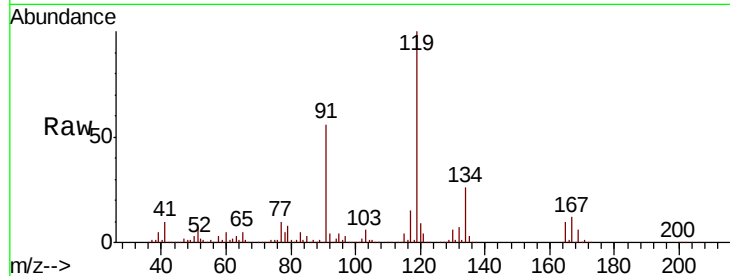
#83
 tert-Butylbenzene
 Concen: 51.44 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004112.D
 Acq: 16 Aug 2018 09:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	119	Resp:	750712
Ion Ratio	Lower	Upper	
119	100		
91	54.4	26.9	80.7
134	23.9	12.0	36.0

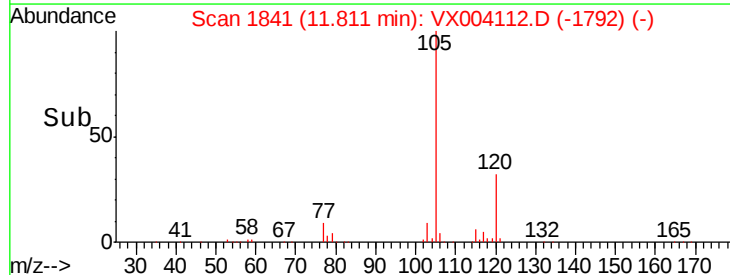
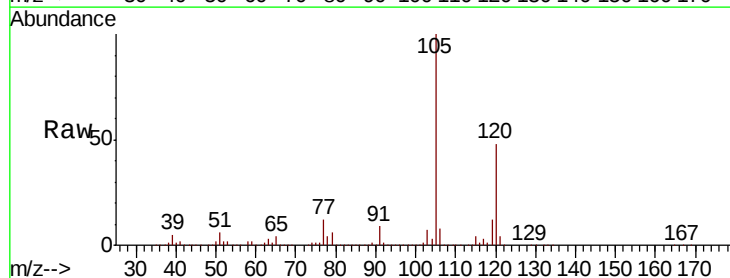
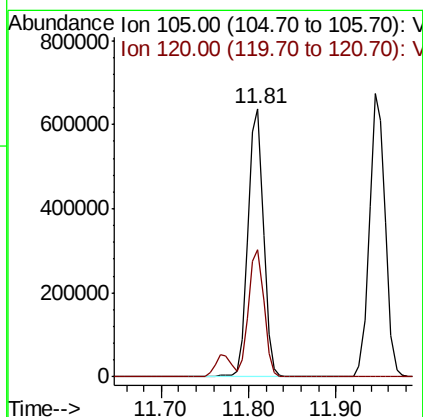
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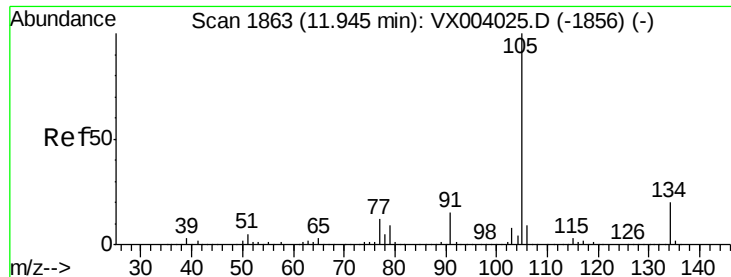
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.86 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004112.D
 Acq: 16 Aug 2018 09:46

Tgt Ion:	105	Resp:	777354
Ion Ratio	Lower	Upper	
105	100		
120	47.3	23.1	69.2





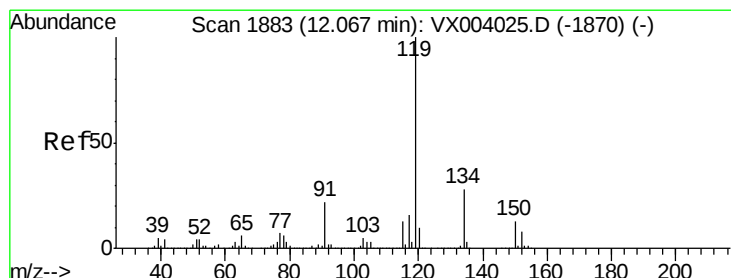
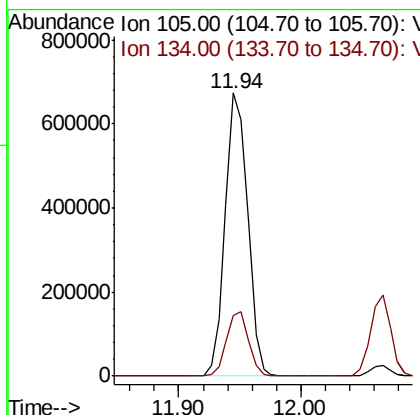
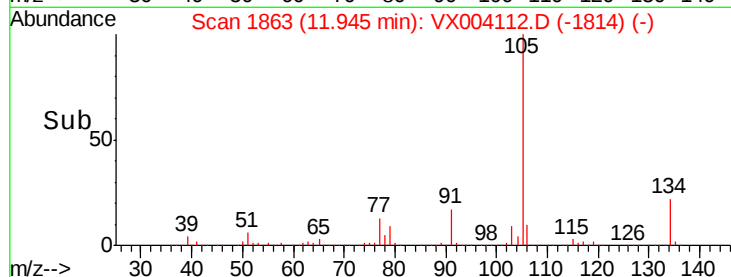
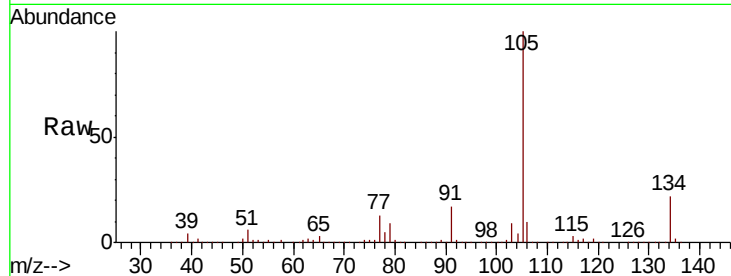
#85
 sec-Butylbenzene
 Concen: 50.11 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VX004112.D
 Acq: 16 Aug 2018 09:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	22.2	10.3	30.9

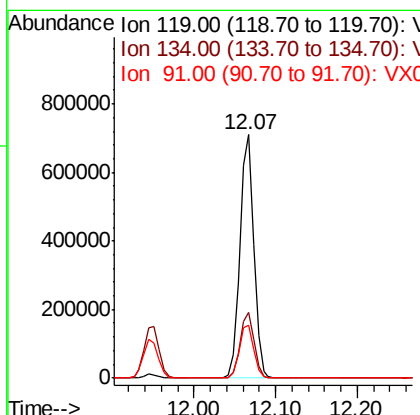
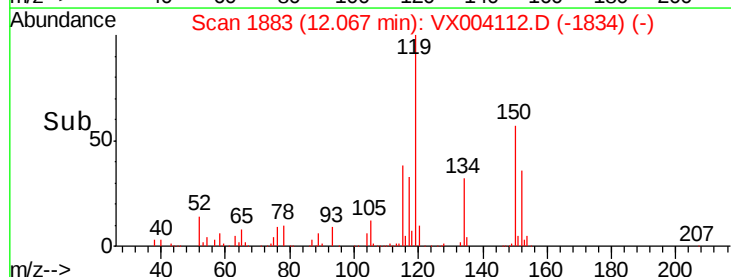
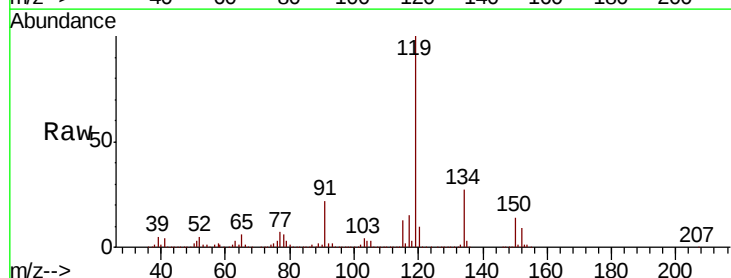
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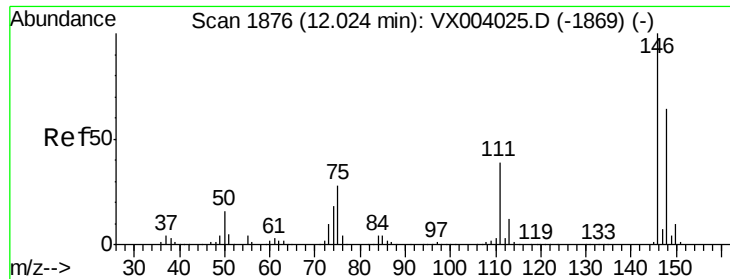
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#86
 p-Isopropyltoluene
 Concen: 52.81 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX004112.D
 Acq: 16 Aug 2018 09:46

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.2	13.3	39.8
91	22.4	10.9	32.7





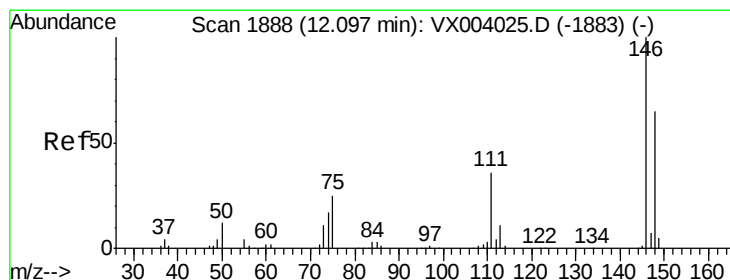
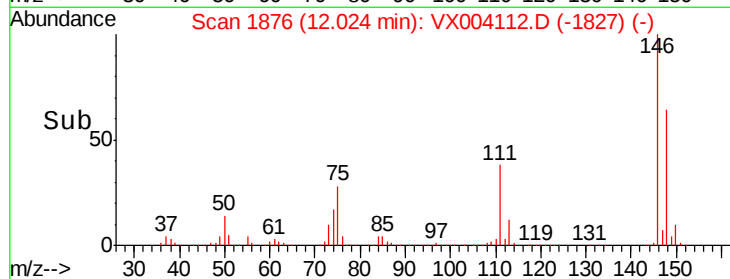
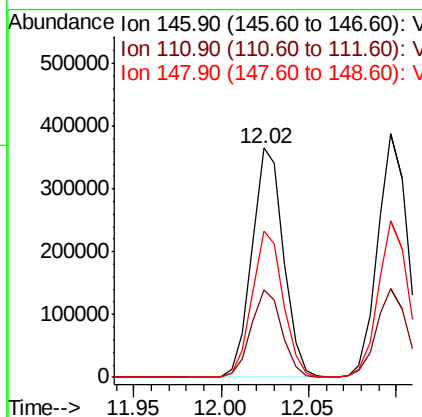
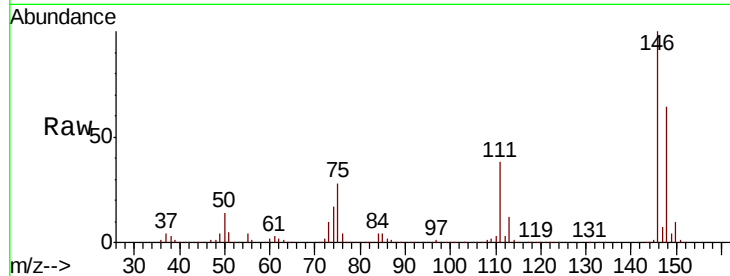
#87
 1,3-Dichlorobenzene
 Concen: 49.25 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: VX004112.D
 Acq: 16 Aug 2018 09:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.8	56.4
148	62.9	31.9	95.5

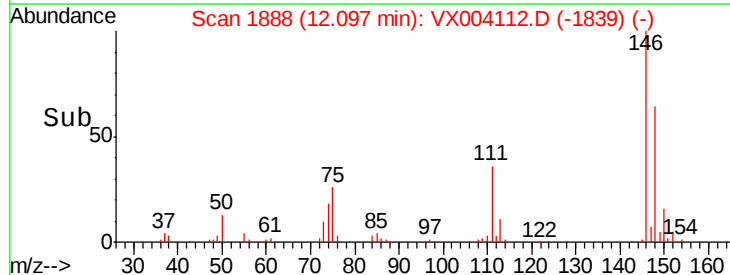
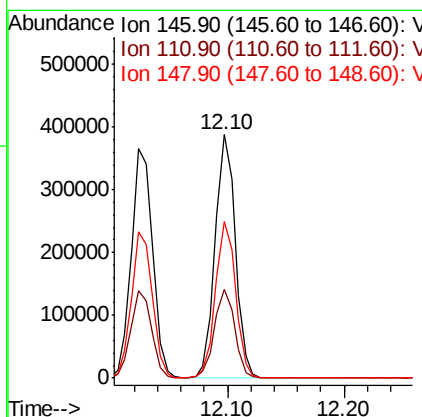
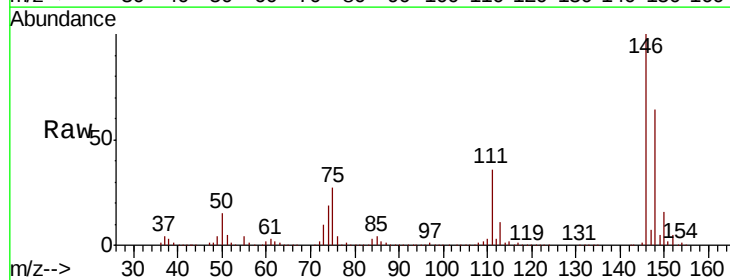
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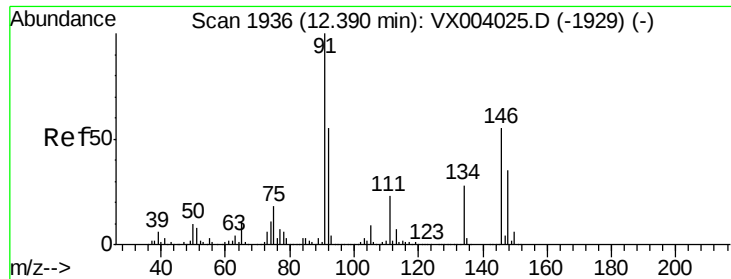
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#88
 1,4-Dichlorobenzene
 Concen: 48.09 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004112.D
 Acq: 16 Aug 2018 09:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.4	55.0
148	64.4	32.3	96.8





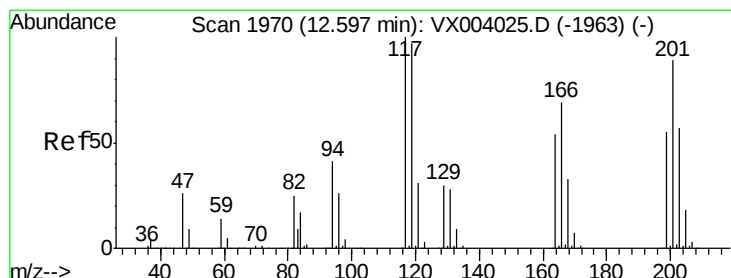
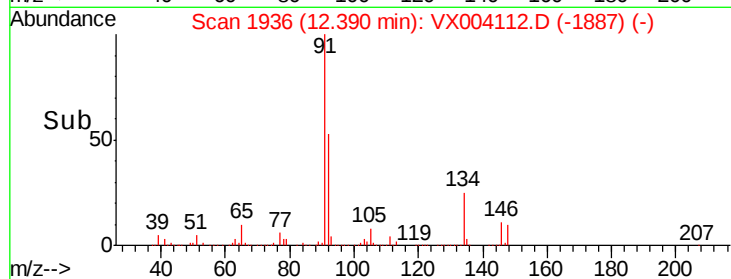
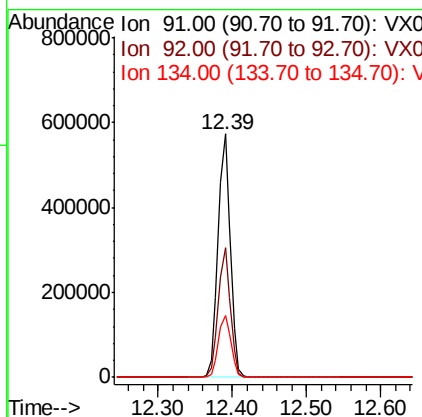
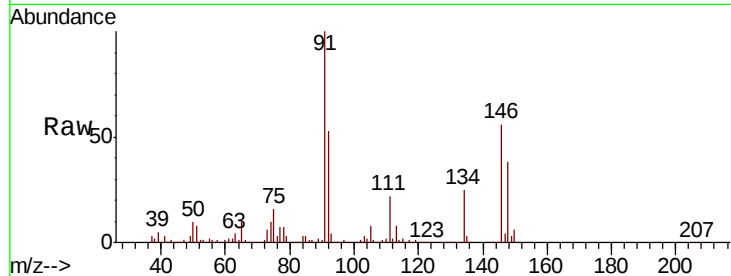
#89
n-Butylbenzene
Concen: 53.08 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004112.D
Acq: 16 Aug 2018 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	27.1	81.3
134	26.3	13.6	40.7

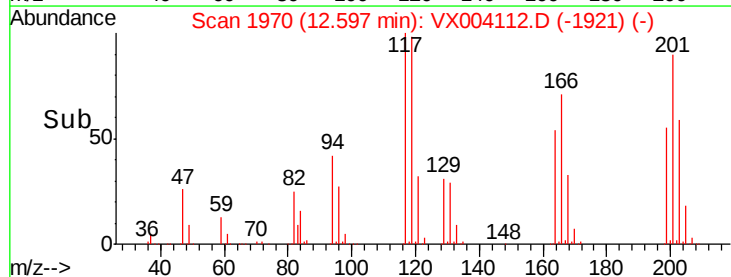
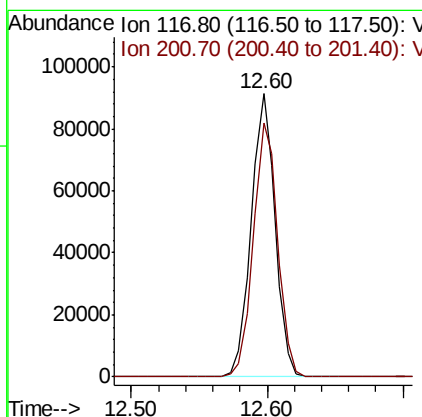
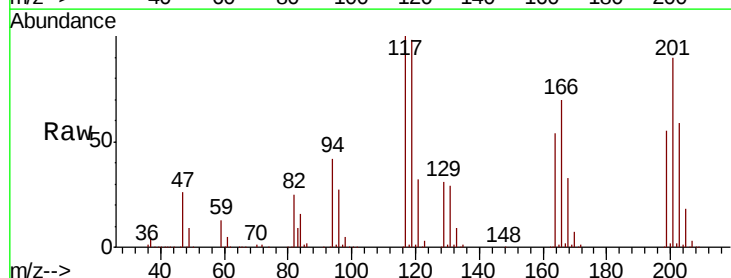
Manual Integrations
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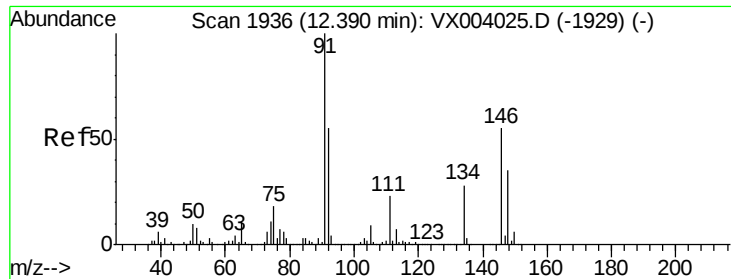
MMDadoda
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#90
Hexachloroethane
Concen: 48.77 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004112.D
Acq: 16 Aug 2018 09:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.4	46.1	138.2





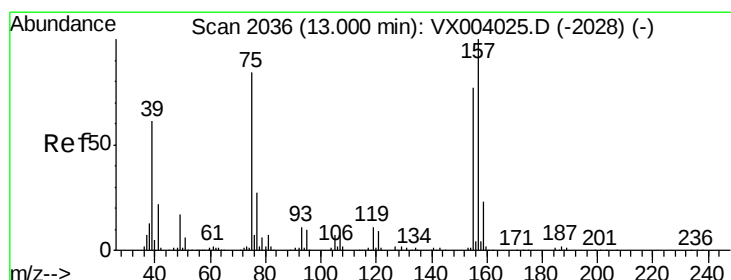
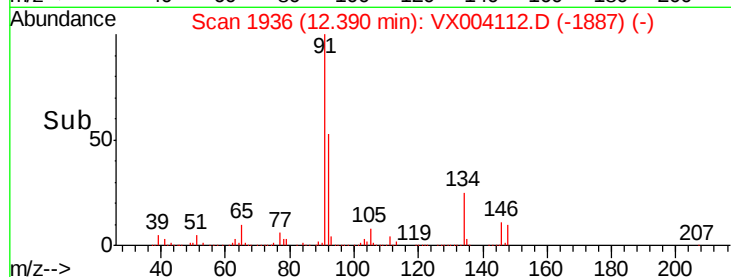
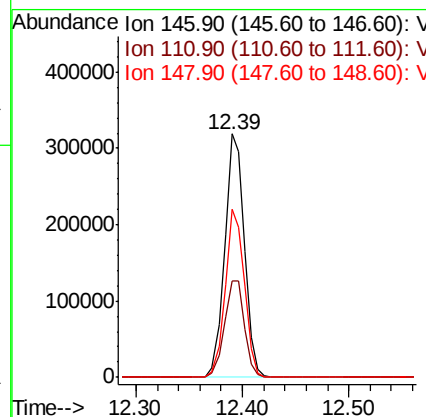
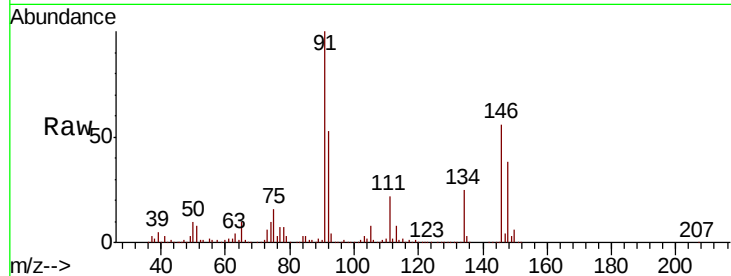
#91
 1,2-Dichlorobenzene
 Concen: 48.66 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX004112.D
 Acq: 16 Aug 2018 09:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.7	59.0
148	67.5	31.9	95.5

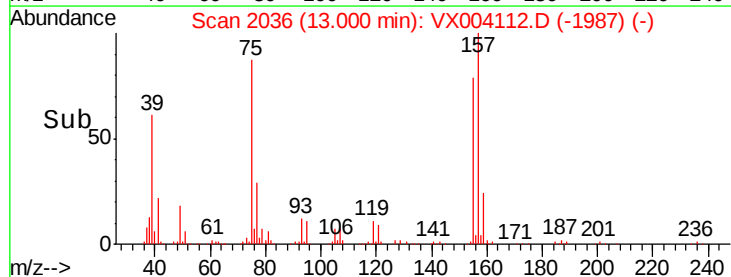
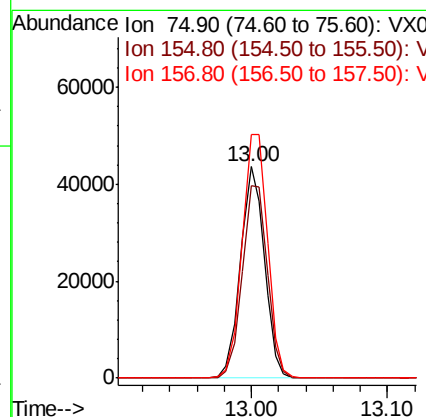
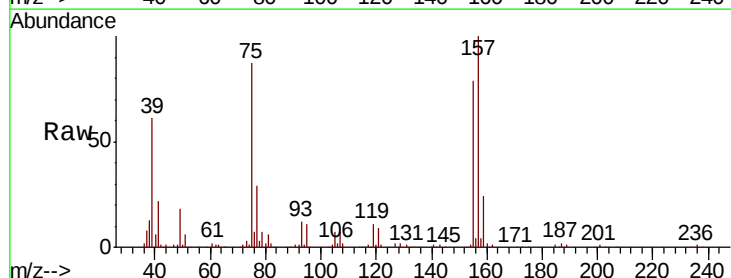
Manual Integrations
 APPROVED

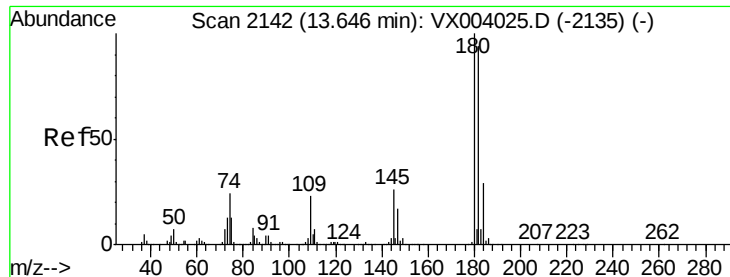
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.23 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VX004112.D
 Acq: 16 Aug 2018 09:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.4	48.7	146.1
157	122.3	62.6	187.8





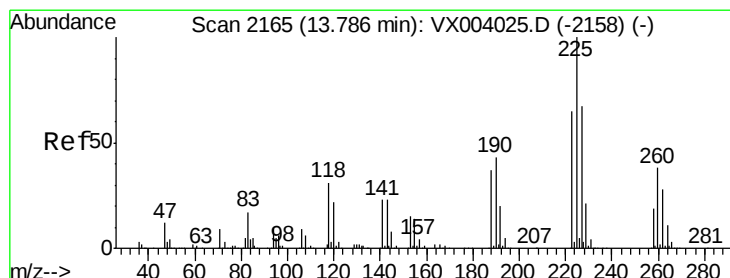
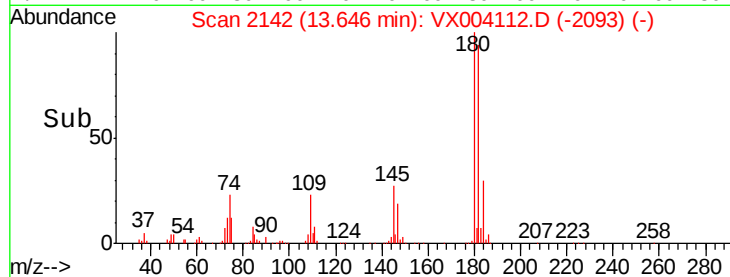
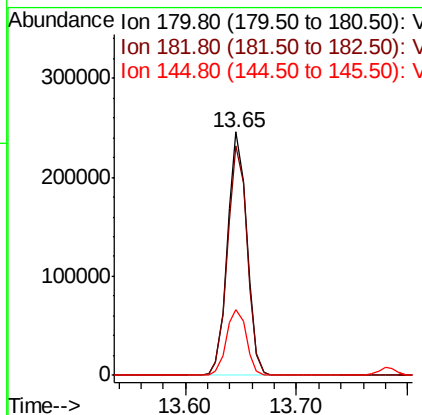
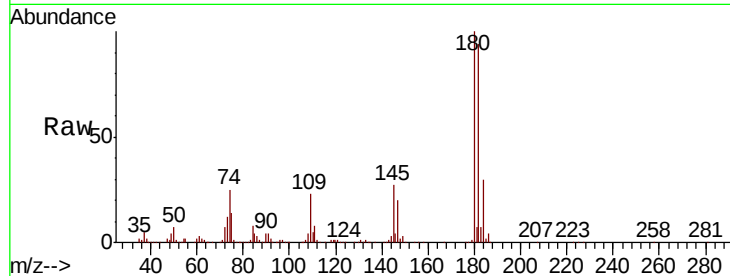
#93
 1,2,4-Trichlorobenzene
 Concen: 51.48 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004112.D
 Acq: 16 Aug 2018 09:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	294924		
182	95.7	47.7	143.1	
145	28.1	13.9	41.6	

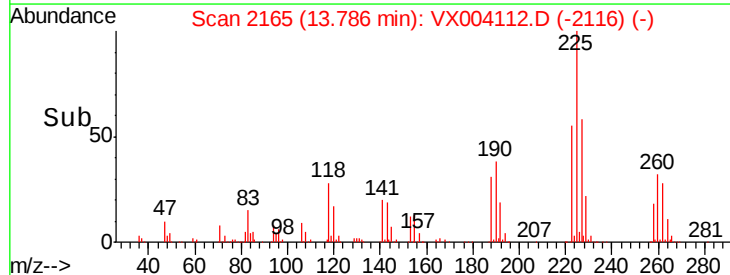
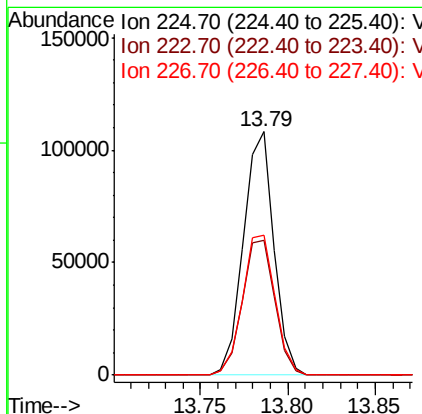
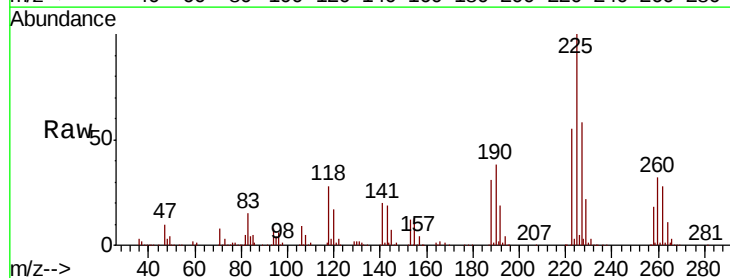
Manual Integrations
 APPROVED

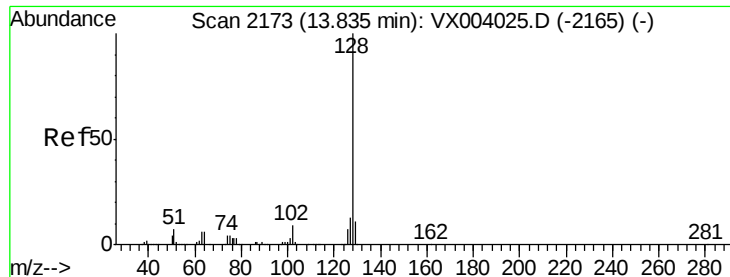
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 45.51 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004112.D
 Acq: 16 Aug 2018 09:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	130709		
223	59.2	31.4	94.0	
227	61.5	32.1	96.5	





#95

Naphthalene

Concen: 51.92 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX004112.D

Acq: 16 Aug 2018 09:46

Instrument :

MSVOA_X

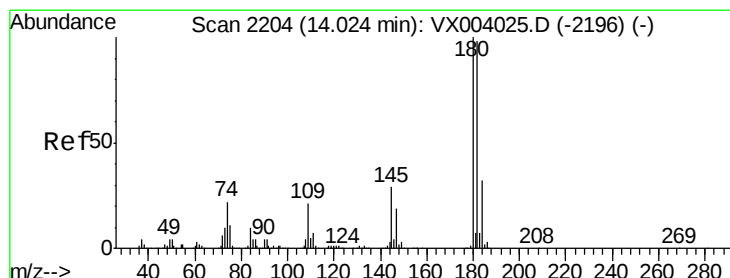
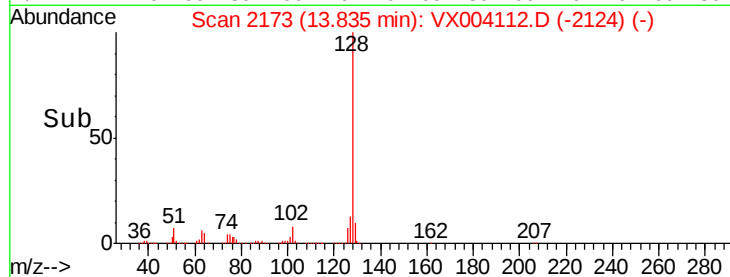
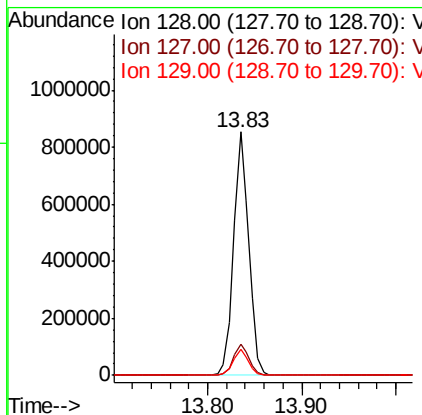
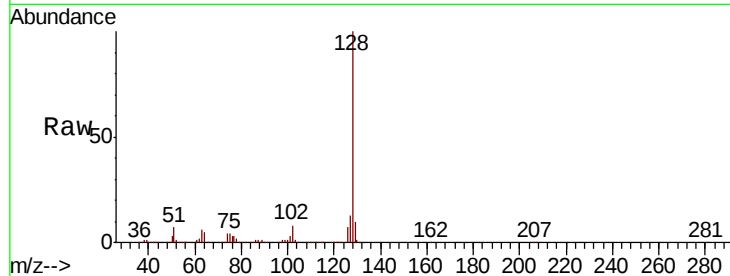
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	949111
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.2	15.2
129	10.7	8.8	13.2

Manual Integrations
APPROVED

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8/16/2018 4:40:28 PM



#96

1,2,3-Trichlorobenzene

Concen: 51.98 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX004112.D

Acq: 16 Aug 2018 09:46

Tgt Ion:	180	Resp:	324745
Ion Ratio	Lower	Upper	
180	100		
182	93.3	48.1	144.4
145	29.9	14.9	44.7

