

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022719\
 Data File : VX007730.D
 Acq On : 27 Feb 2019 13:16
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/28/2019 12:35:27 PM

Quant Time: Feb 28 04:14:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	287145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	411779	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	379880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	203515	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	165238	46.46	ug/l	0.00
Spiked Amount			Recovery	=	92.92%	
35) Dibromofluoromethane	5.50	113	131565	47.80	ug/l	0.00
Spiked Amount			Recovery	=	95.60%	
50) Toluene-d8	8.71	98	500553	47.50	ug/l	0.00
Spiked Amount			Recovery	=	95.00%	
62) 4-Bromofluorobenzene	11.13	95	184074	47.59	ug/l	0.00
Spiked Amount			Recovery	=	95.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	117216	44.313	ug/l	100
3) Chloromethane	1.33	50	130443	44.501	ug/l	100
4) Vinyl Chloride	1.41	62	131444	43.708	ug/l	99
5) Bromomethane	1.64	94	83832	44.072	ug/l	98
6) Chloroethane	1.72	64	85779	44.646	ug/l	99
7) Trichlorofluoromethane	1.93	101	188206	40.824	ug/l	100
8) Diethyl Ether	2.19	74	82766	43.744	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.39	101	114029	40.922	ug/l	98
10) Methyl Iodide	2.51	142	166916	48.107	ug/l	100
11) Tert butyl alcohol	3.07	59	160315	237.556	ug/l	98
12) 1,1-Dichloroethene	2.37	96	104754	41.706	ug/l	91
13) Acrolein	2.29	56	113650	189.517	ug/l	99
14) Allyl chloride	2.73	41	220539	47.487	ug/l	94
15) Acrylonitrile	3.15	53	397803	250.485	ug/l	99
16) Acetone	2.45	43	373022	235.833	ug/l	99
17) Carbon Disulfide	2.57	76	291412	41.703	ug/l	100
18) Methyl Acetate	2.78	43	179348	51.963	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	404663	46.265	ug/l	100
20) Methylene Chloride	2.86	84	125580	42.997	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	114277	41.851	ug/l	92
22) Diisopropyl ether	3.87	45	440412	45.554	ug/l	97
23) Vinyl Acetate	3.82	43	1987180	234.276	ug/l	96
24) 1,1-Dichloroethane	3.70	63	223164	42.473	ug/l	98
25) 2-Butanone	4.70	43	627830	260.579	ug/l	93
26) 2,2-Dichloropropane	4.59	77	169768	40.477	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	145899	41.992	ug/l	92
28) Bromochloromethane	5.01	49	121722	47.586	ug/l	85
29) Tetrahydrofuran	5.15	42	408144	256.986	ug/l	93
30) Chloroform	5.21	83	243382	43.243	ug/l	100
31) Cyclohexane	5.57	56	223058	45.131	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	201849	43.365	ug/l	97
36) 1,1-Dichloropropene	5.79	75	179062	48.368	ug/l	97
37) Ethyl Acetate	4.85	43	232683	56.581	ug/l	99
38) Carbon Tetrachloride	5.78	117	178330	47.954	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	226860	48.486	ug/l	93
40) Benzene	6.14	78	551949	48.298	ug/l	100
41) Methacrylonitrile	5.06	41	129425	58.939	ug/l	96
42) 1,2-Dichloroethane	6.20	62	204297	53.188	ug/l	100
43) Isopropyl Acetate	6.46	43	360422	56.946	ug/l	98
44) Trichloroethene	7.21	130	152402	48.478	ug/l	95
45) 1,2-Dichloropropane	7.51	63	149134	50.378	ug/l	100
46) Dibromomethane	7.66	93	98070	47.486	ug/l	99
47) Bromodichloromethane	7.90	83	184002	51.412	ug/l	99
48) Methyl methacrylate	7.77	41	194607	58.658	ug/l	91
49) 1,4-Dioxane	7.75	88	76477	1067.290	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	1188908	280.628	ug/l	99
52) Toluene	8.78	92	349109	48.445	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	208467	47.029	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	225809	51.992	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	147863	49.204	ug/l	99
56) Ethyl methacrylate	9.18	69	230511	53.941	ug/l	94
57) 1,3-Dichloropropane	9.37	76	250132	51.998	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	643432	273.037	ug/l	97
59) 2-Hexanone	9.49	43	899657	270.483	ug/l	99
60) Dibromochloromethane	9.58	129	153984	53.253	ug/l	98
61) 1,2-Dibromoethane	9.67	107	157834	50.587	ug/l	99
64) Tetrachloroethene	9.34	164	159588	51.748	ug/l	98
65) Chlorobenzene	10.13	112	392310	47.749	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	146104	50.979	ug/l	99
67) Ethyl Benzene	10.25	91	665499	48.897	ug/l	99
68) m/p-Xylenes	10.36	106	517960	97.824	ug/l	96
69) o-Xylene	10.69	106	250064	49.100	ug/l	95
70) Styrene	10.71	104	419650	50.129	ug/l	99
71) Bromoform	10.85	173	122339	56.925	ug/l	99
73) Isopropylbenzene	11.02	105	671874	46.191	ug/l	100
74) N-amyl acetate	10.90	43	314028	49.716	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	220228	43.776	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	190221m	43.850	ug/l	
77) Bromobenzene	11.26	156	181612	49.780	ug/l	94
78) n-propylbenzene	11.36	91	763824	46.471	ug/l	98
79) 2-Chlorotoluene	11.42	91	449853	45.454	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	560970	46.886	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	67725	42.327	ug/l	97
82) 4-Chlorotoluene	11.51	91	527265	45.542	ug/l	98
83) tert-Butylbenzene	11.77	119	549855	47.865	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	574380	46.933	ug/l	98
85) sec-Butylbenzene	11.94	105	675890	46.953	ug/l	99
86) p-Isopropyltoluene	12.06	119	608737	48.287	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	321740	47.544	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	324263	46.787	ug/l	99
89) n-Butylbenzene	12.38	91	524943	46.691	ug/l	99
90) Hexachloroethane	12.60	117	98754	46.491	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	322364	47.609	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	49900	45.523	ug/l	95

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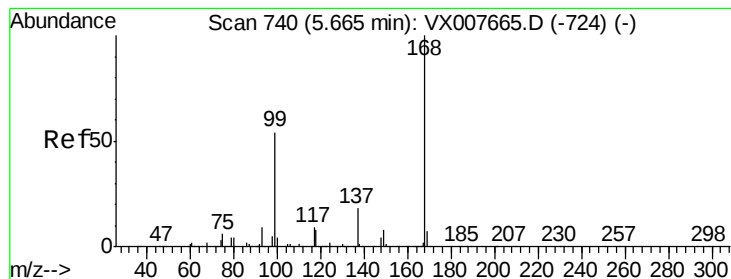
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	234359	56.702	ug/l	100
94) Hexachlorobutadiene	13.78	225	120373	63.663	ug/l	99
95) Naphthalene	13.83	128	694095	51.834	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	233579	56.283	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 287145

Ion Ratio Lower Upper

168 100

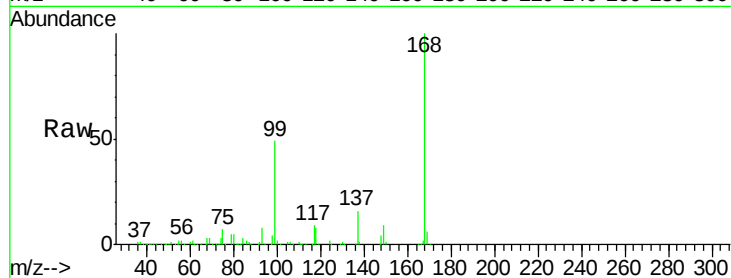
99 49.3 37.9 56.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

0

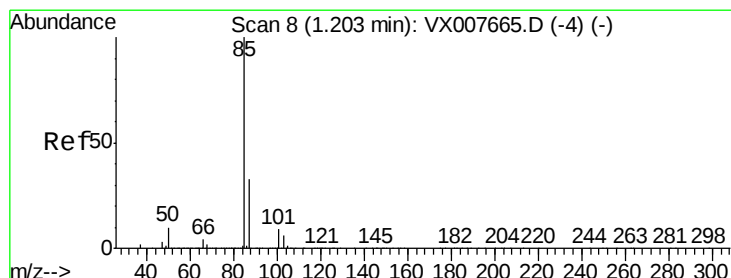
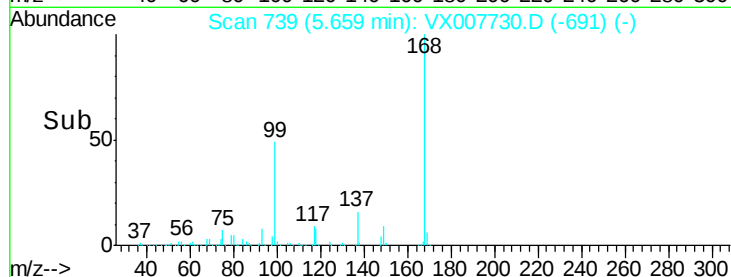
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 44.313 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.01 min

Lab File: VX007730.D

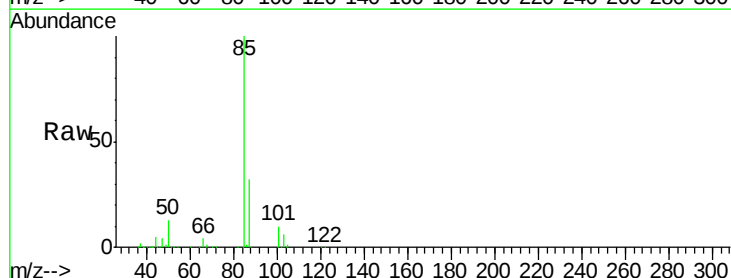
Acq: 27 Feb 2019 13:16

Tgt Ion: 85 Resp: 117216

Ion Ratio Lower Upper

85 100

87 31.7 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

120000

100000

80000

60000

40000

20000

0

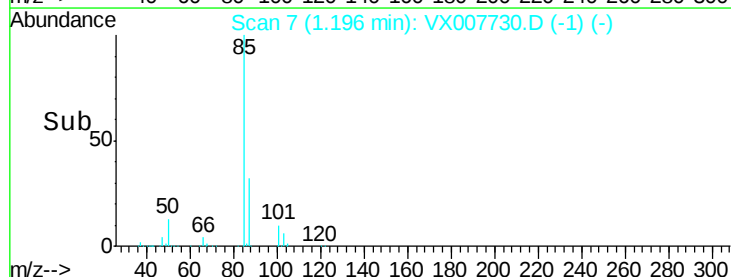
1.15

1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 44.501 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Tot Ion: 50 Resp: 130443

Ion Ratio Lower Upper

50 100

52 32.8 26.1 39.1

Instrument :

MSVOA_X

ClientSampleId :

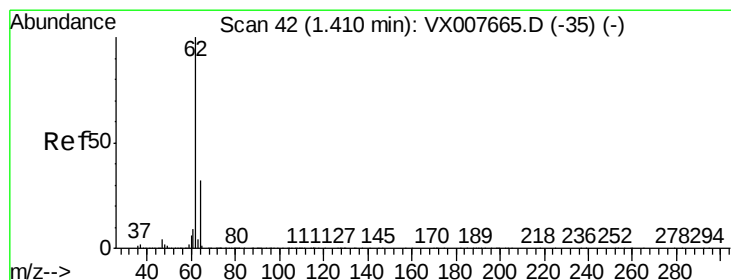
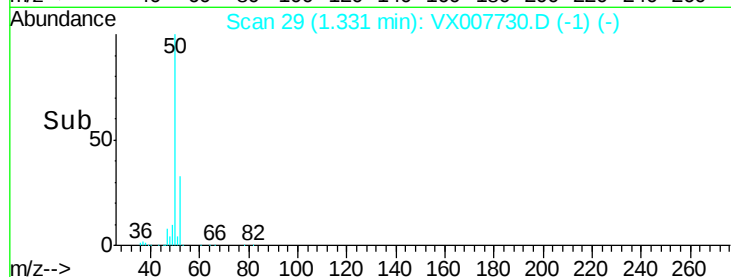
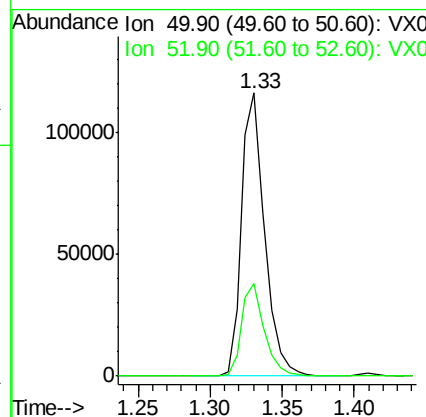
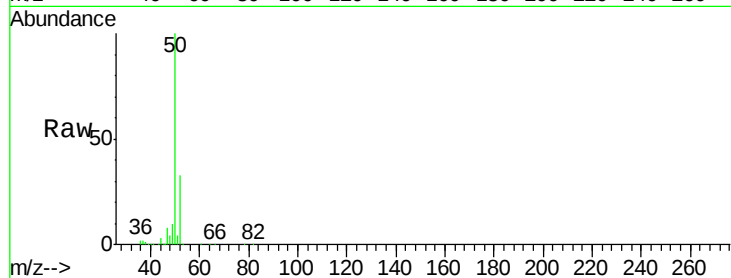
VSTDCCC050

Manual Integrations

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#4

Vinyl Chloride

Concen: 43.708 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007730.D

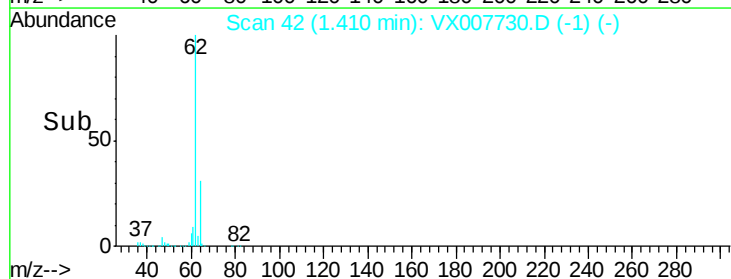
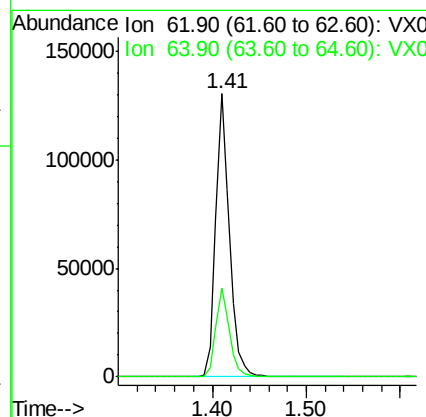
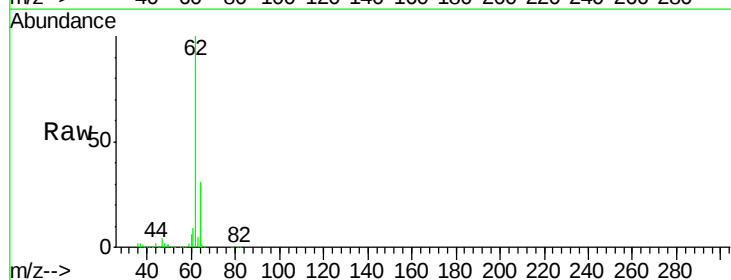
Acq: 27 Feb 2019 13:16

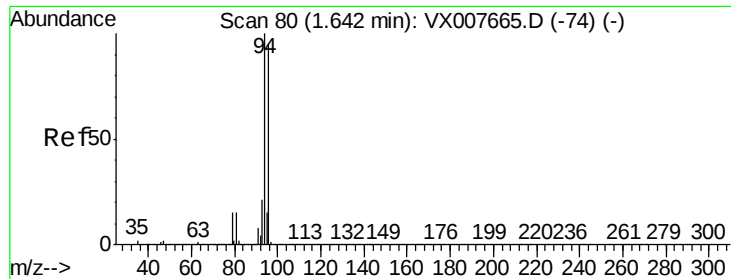
Tgt Ion: 62 Resp: 131444

Ion Ratio Lower Upper

62 100

64 31.3 25.4 38.0





#5

Bromomethane

Concen: 44.072 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 83832

Ion Ratio Lower Upper

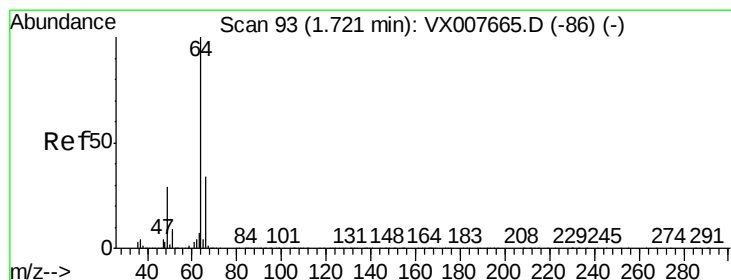
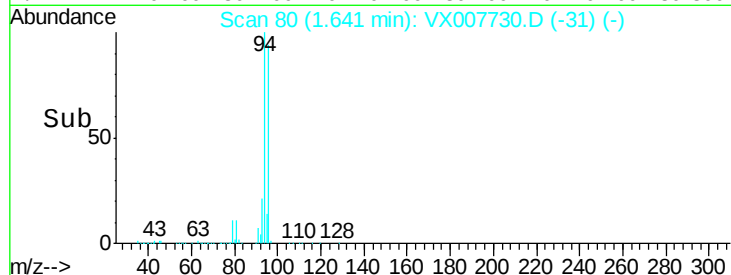
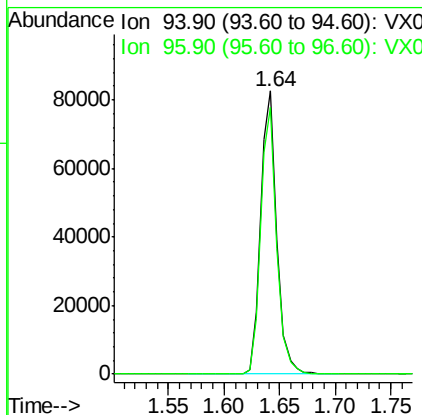
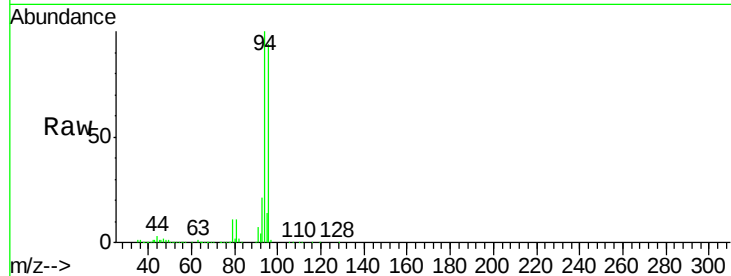
94 100

96 94.2 73.9 110.9

Manual Integrations
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#6

Chloroethane

Concen: 44.646 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX007730.D

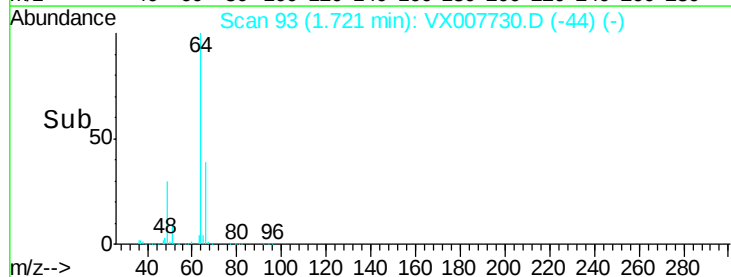
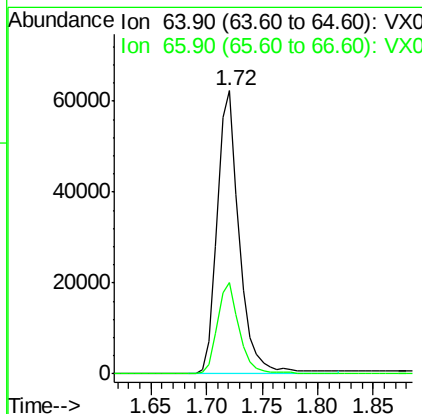
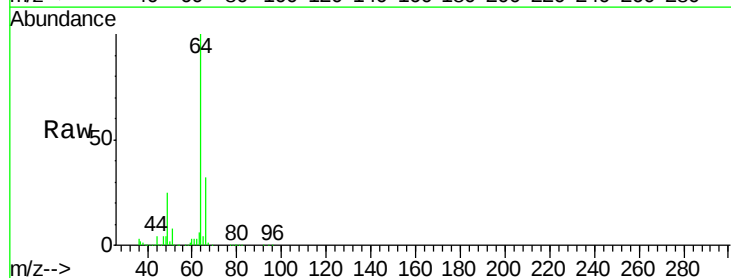
Acq: 27 Feb 2019 13:16

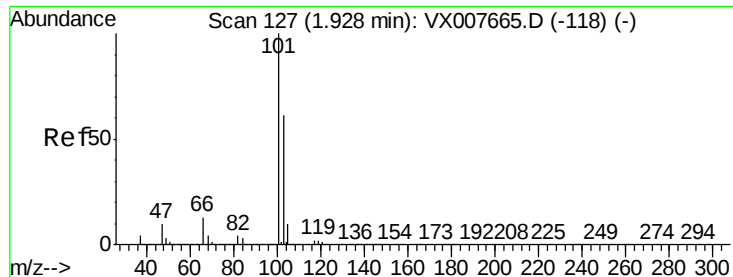
Tgt Ion: 64 Resp: 85779

Ion Ratio Lower Upper

64 100

66 32.4 25.5 38.3





#7

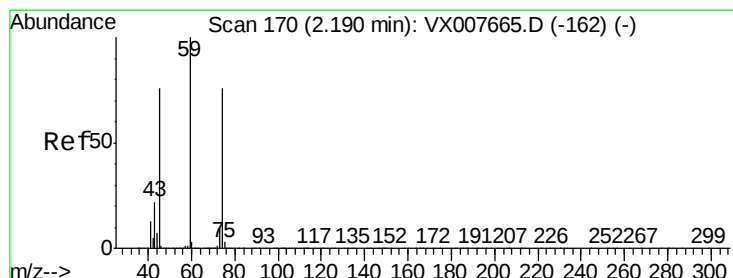
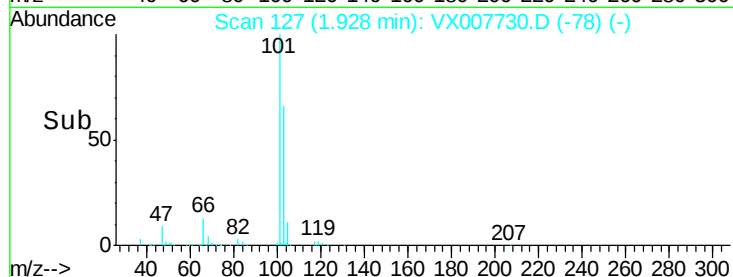
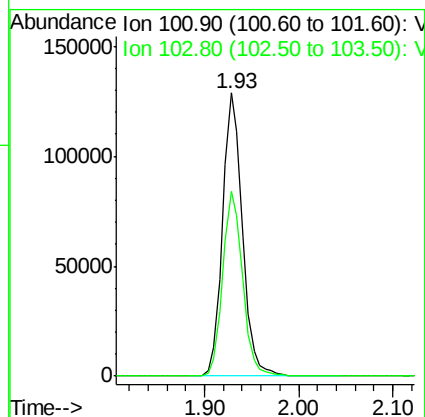
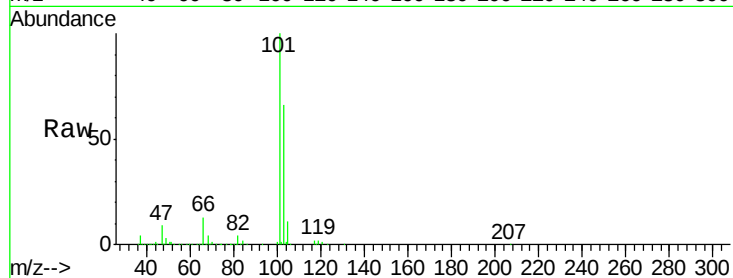
Trichlorofluoromethane
Concen: 40.824 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	52.6	79.0

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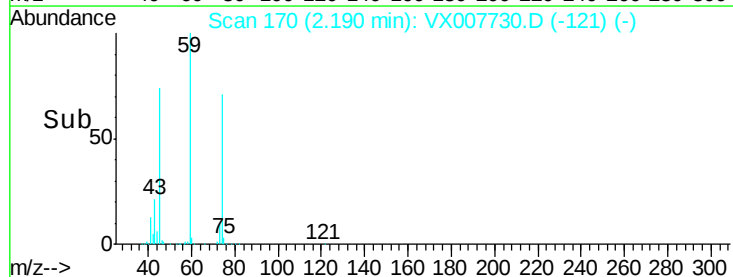
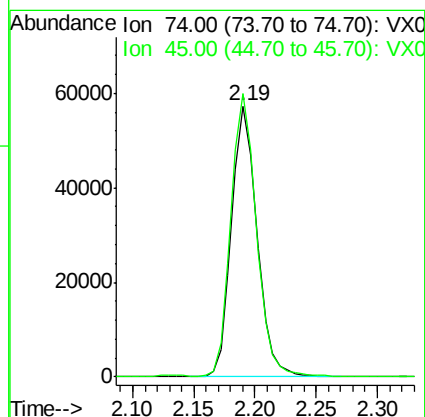
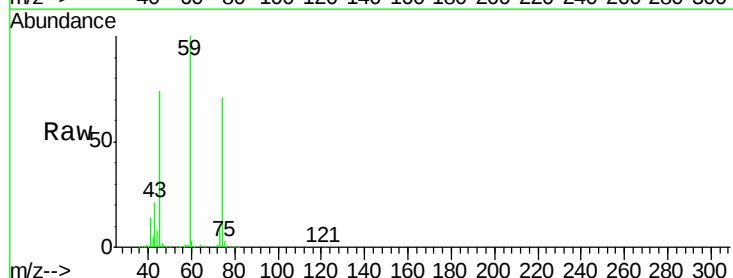
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#8

Diethyl Ether
Concen: 43.744 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.7	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 40.922 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :

MSVOA_X

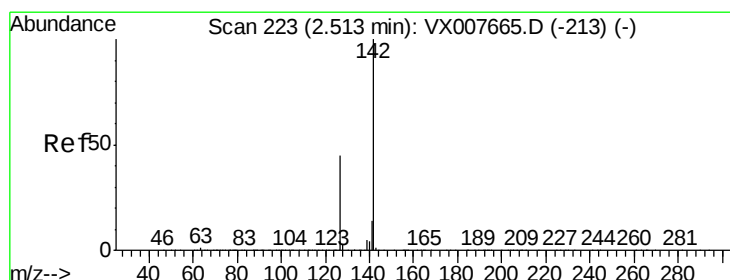
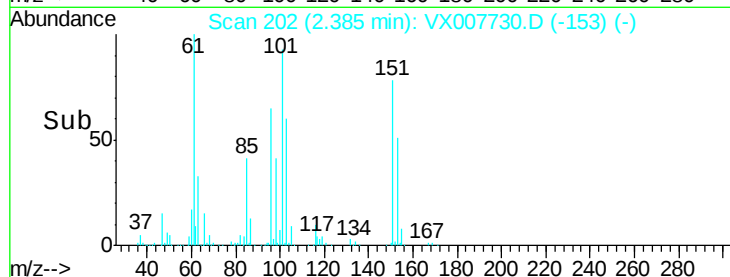
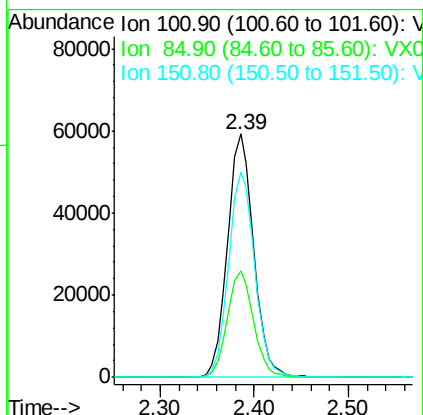
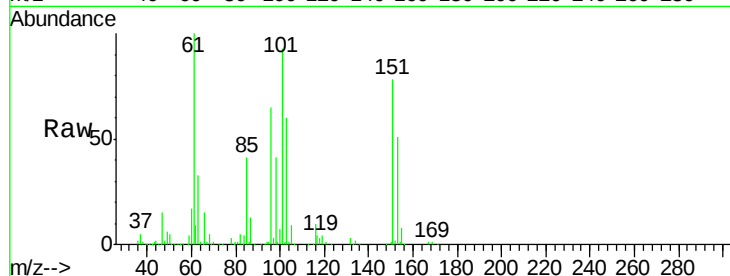
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	114029
Ion Ratio	Lower	Upper	
101	100		
85	43.7	34.1	51.1
151	85.0	69.9	104.9

Manual Integrations
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#10

Methyl Iodide

Concen: 48.107 ug/l

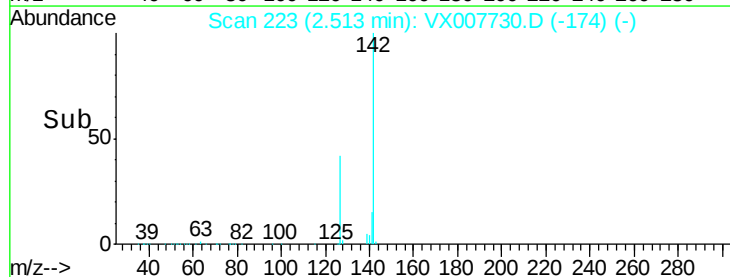
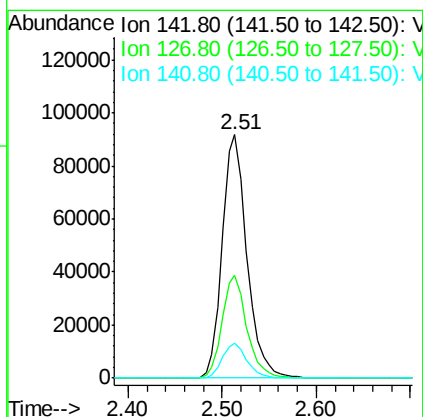
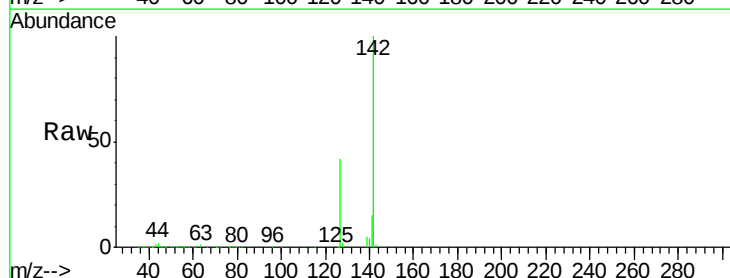
RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Tgt Ion:	142	Resp:	166916
Ion Ratio	Lower	Upper	
142	100		
127	42.2	33.7	50.5
141	14.5	11.3	16.9





#11

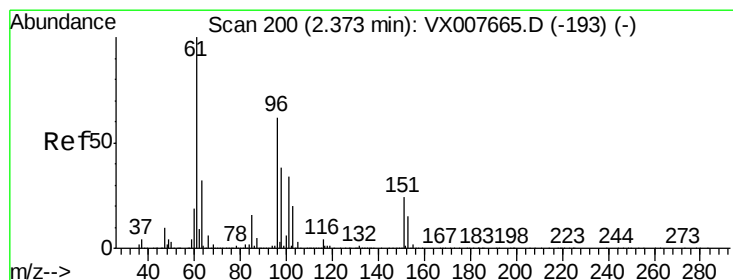
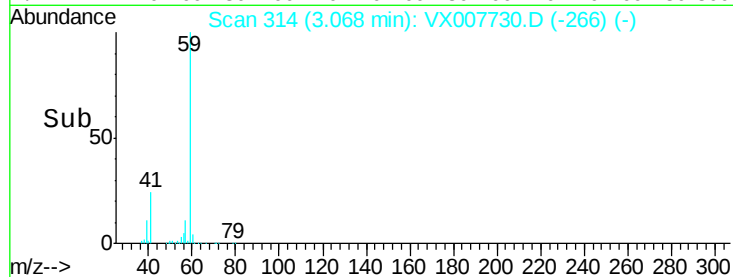
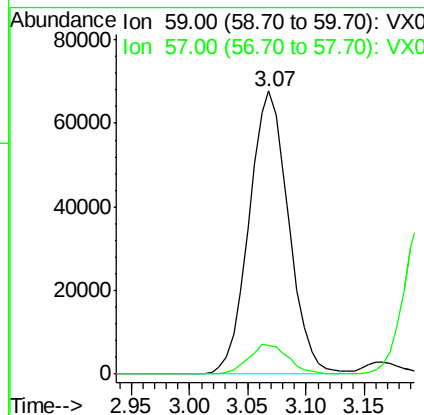
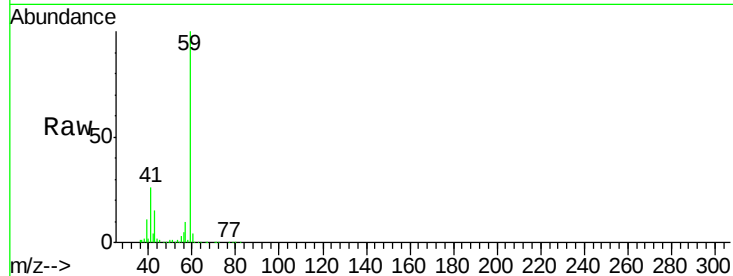
Tert butyl alcohol
 Concen: 237.556 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX007730.D
 Acq: 27 Feb 2019 13:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
59	100	160315		
57	10.7		8.1	12.1

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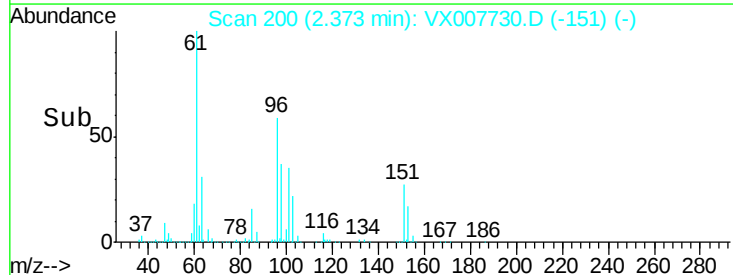
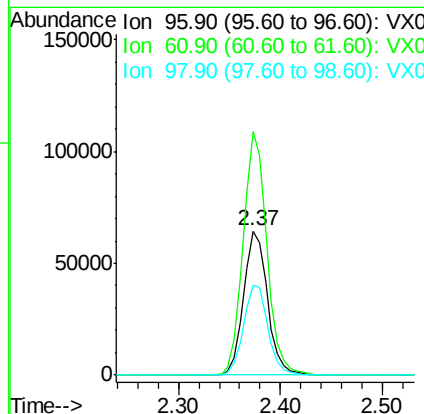
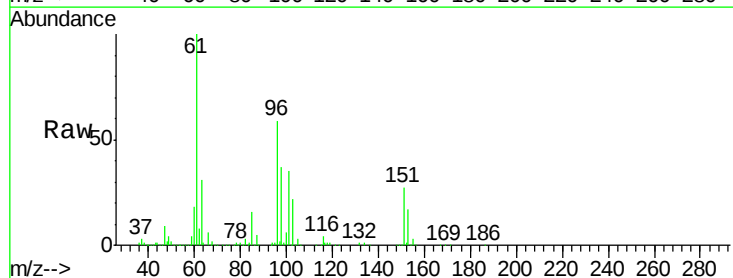
MMDadoda
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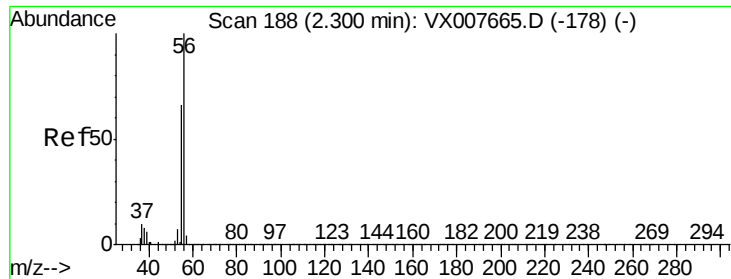


#12

1,1-Dichloroethene
 Concen: 41.706 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX007730.D
 Acq: 27 Feb 2019 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	104754		
61	168.7		123.0	184.4
98	62.4		50.9	76.3





#13

Acrolein

Concen: 189.517 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 113650

Ion Ratio Lower Upper

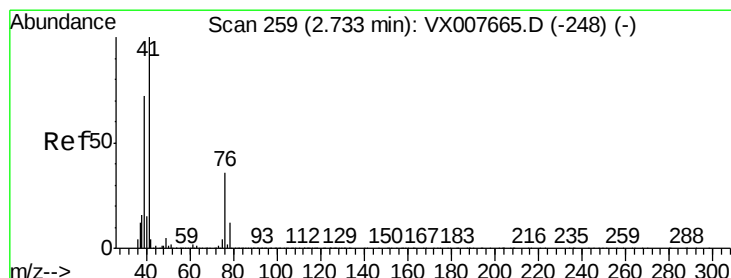
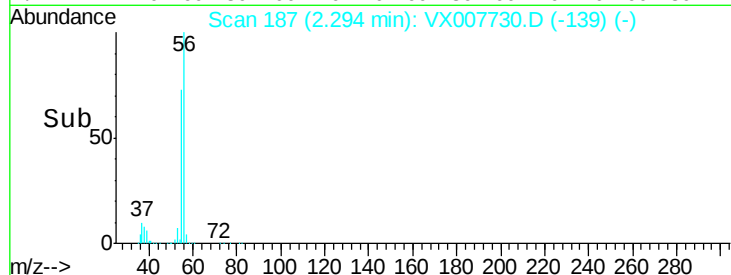
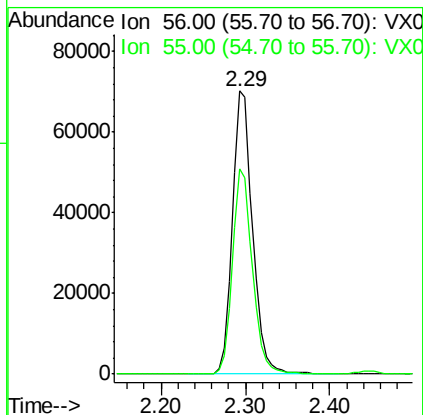
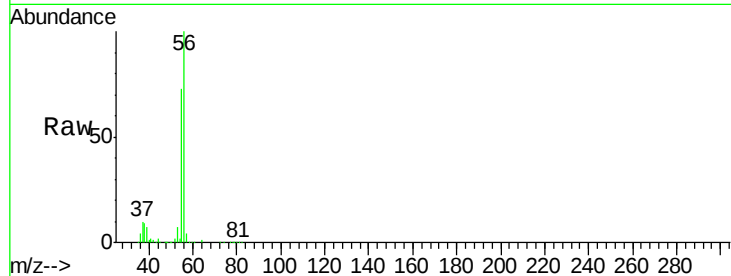
56 100

55 71.5 56.9 85.3

Manual Integrations
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#14

Allyl chloride

Concen: 47.487 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

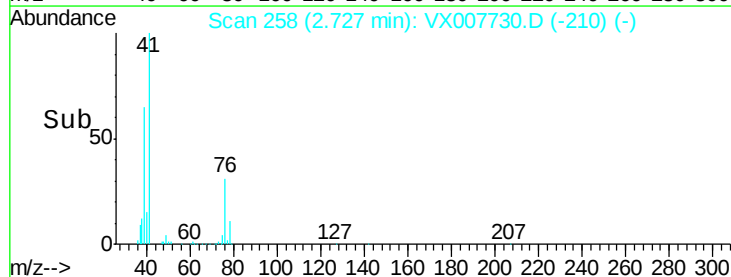
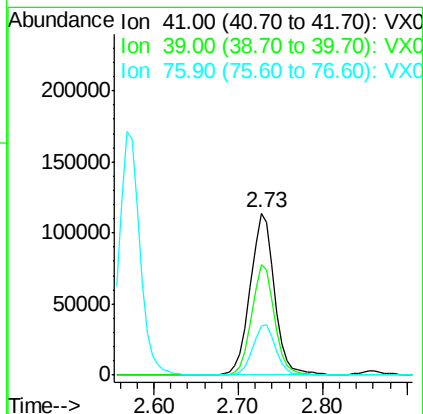
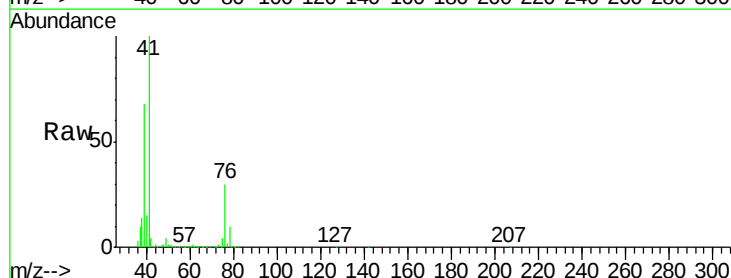
Tgt Ion: 41 Resp: 220539

Ion Ratio Lower Upper

41 100

39 64.5 54.1 81.1

76 29.3 27.8 41.8





#15

Acrylonitrile

Concen: 250.485 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :

MSVOA_X

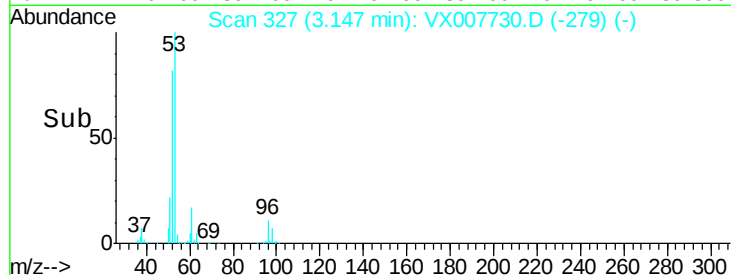
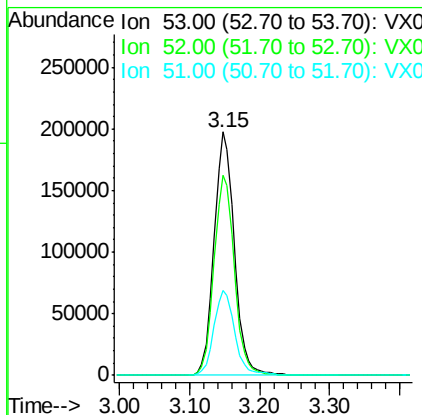
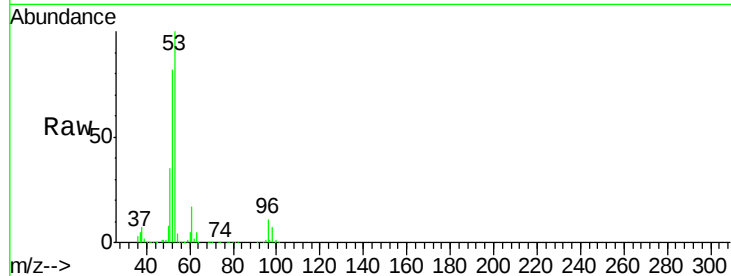
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	397803
Ion Ratio	Lower	Upper	
53	100		
52	82.2	66.4	99.6
51	35.8	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 235.833 ug/l

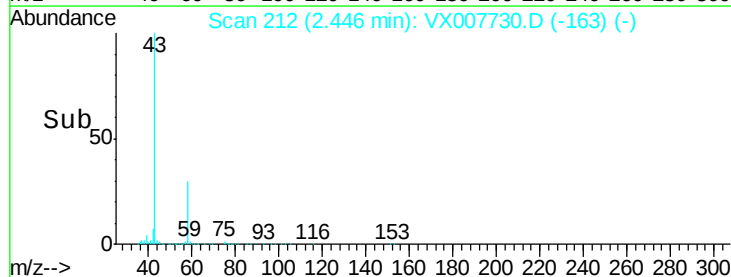
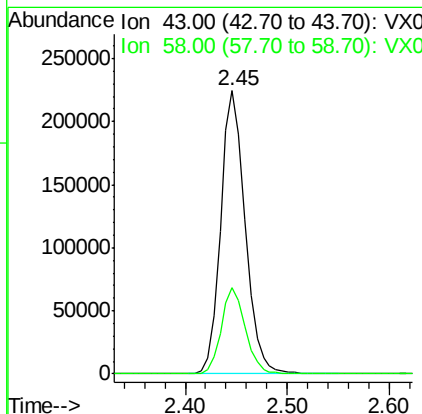
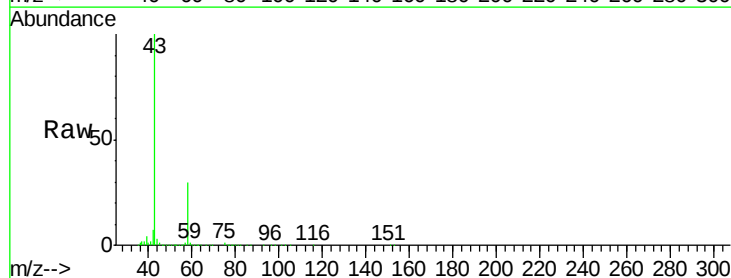
RT: 2.45 min Scan# 212

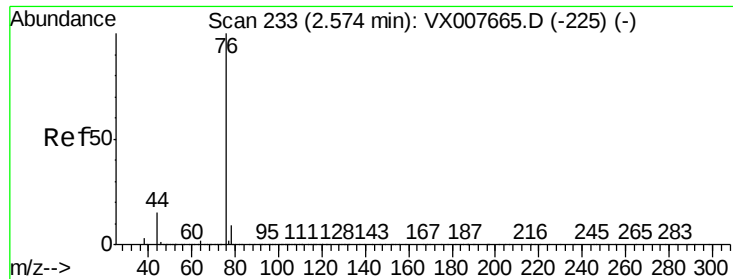
Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Tgt Ion:	43	Resp:	373022
Ion Ratio	Lower	Upper	
43	100		
58	30.5	24.9	37.3





#17

Carbon Disulfide

Concen: 41.703 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.01 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 291412

Ion Ratio Lower Upper

76 100

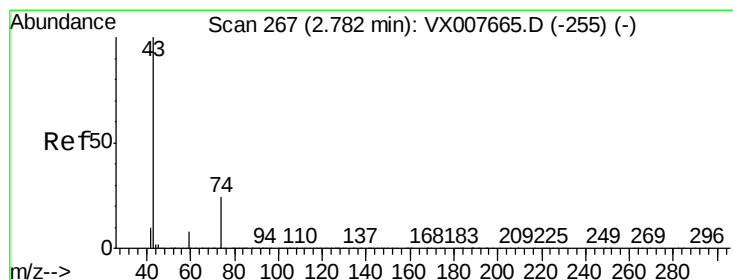
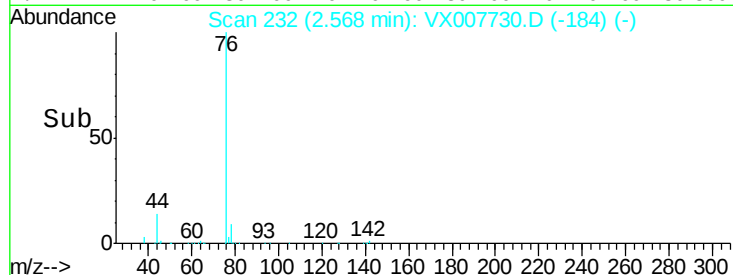
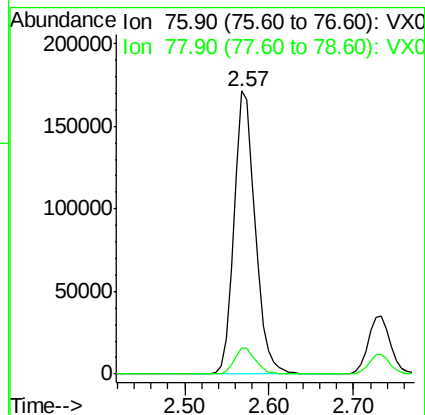
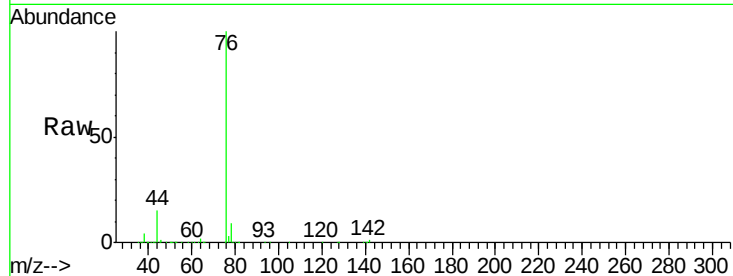
78 9.1 7.1 10.7

Manual Integrations

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#18

Methyl Acetate

Concen: 51.963 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX007730.D

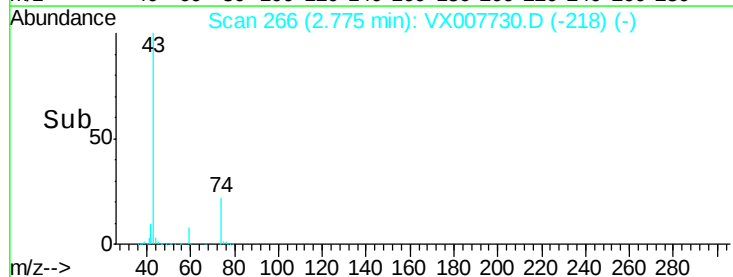
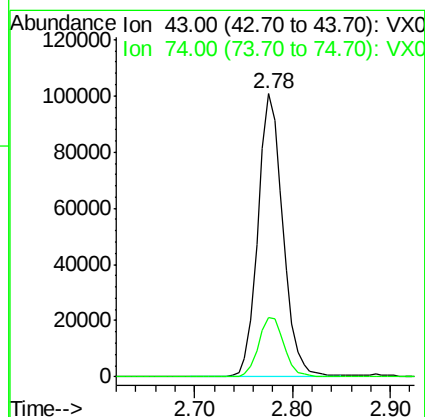
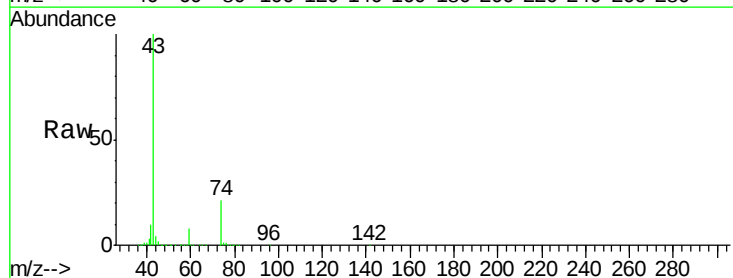
Acq: 27 Feb 2019 13:16

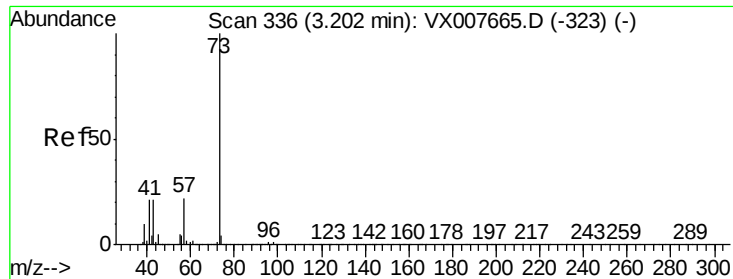
Tgt Ion: 43 Resp: 179348

Ion Ratio Lower Upper

43 100

74 21.9 19.4 29.2





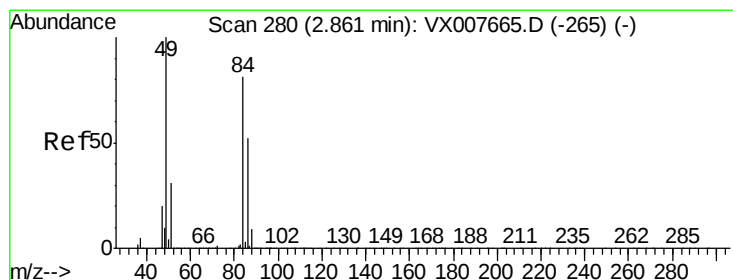
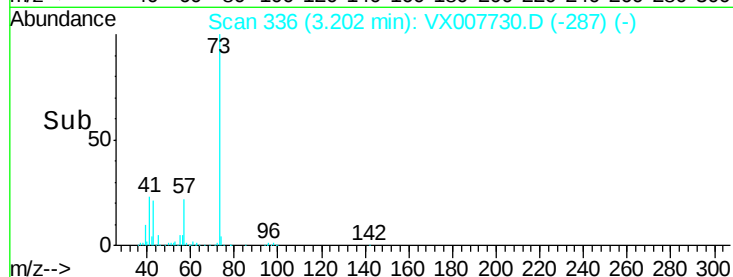
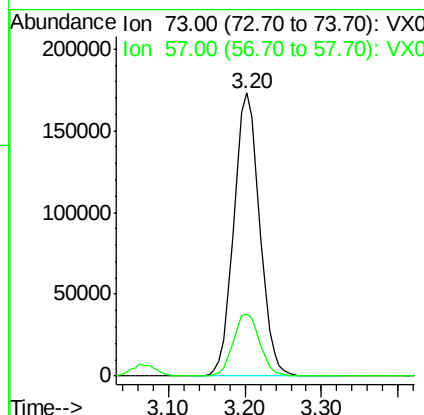
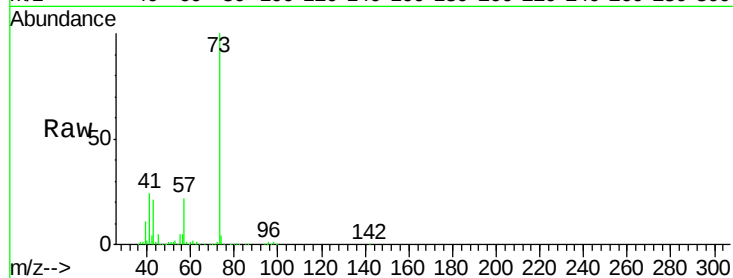
#19
Methvl tert-butvl Ether
Concen: 46.265 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 404663
Ion Ratio Lower Upper
73 100
57 22.1 17.8 26.8

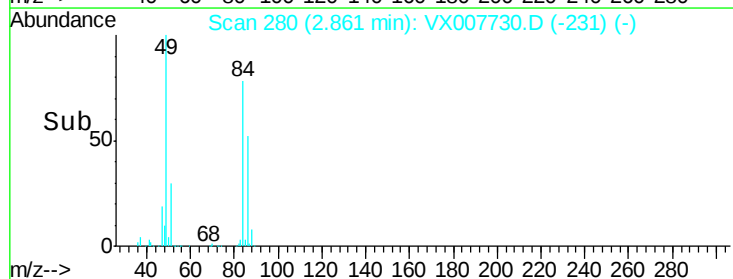
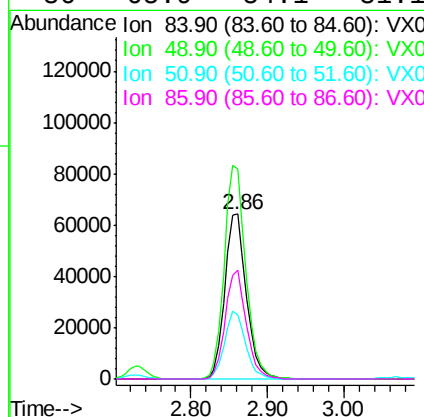
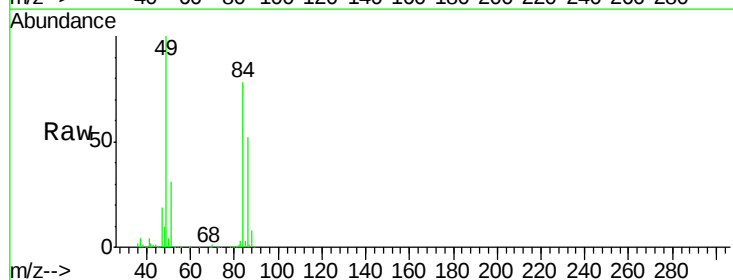
Manual Integrations
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#20
Methylene Chloride
Concen: 42.997 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Tgt Ion: 84 Resp: 125580
Ion Ratio Lower Upper
84 100
49 127.8 94.8 142.2
51 39.0 29.8 44.8
86 65.9 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 41.851 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :

MSVOA_X

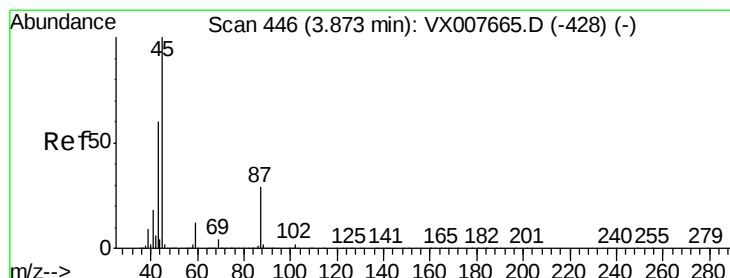
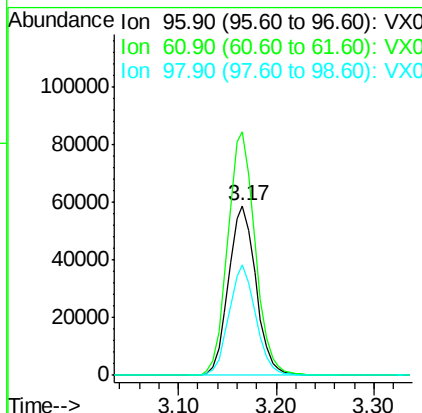
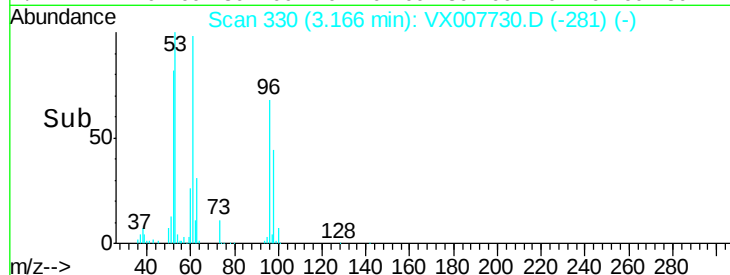
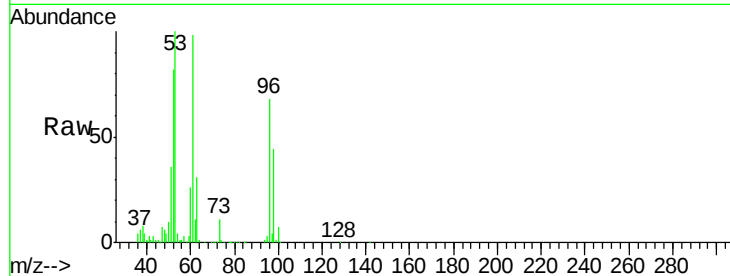
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	114277
Ion Ratio	Lower	Upper	
96	100		
61	143.6	104.6	156.8
98	64.9	51.0	76.4

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#22

Diisopropyl ether

Concen: 45.554 ug/l

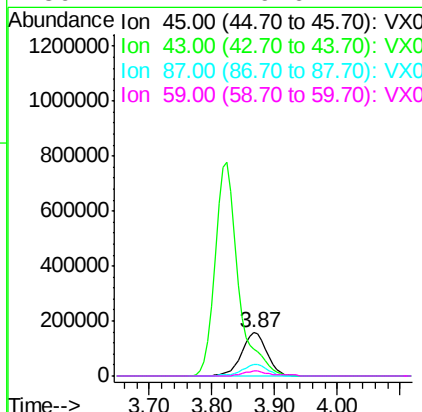
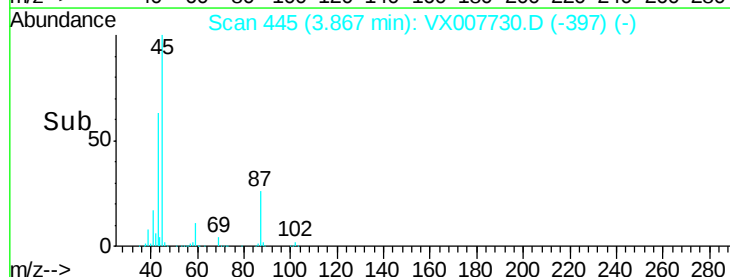
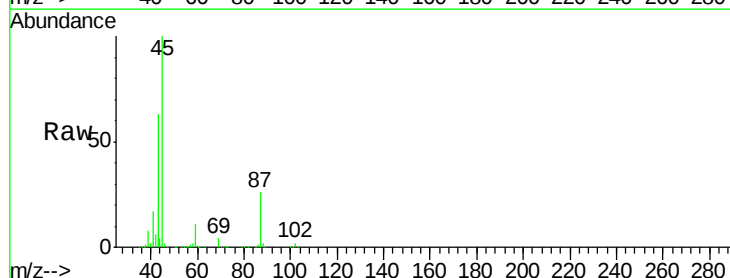
RT: 3.87 min Scan# 445

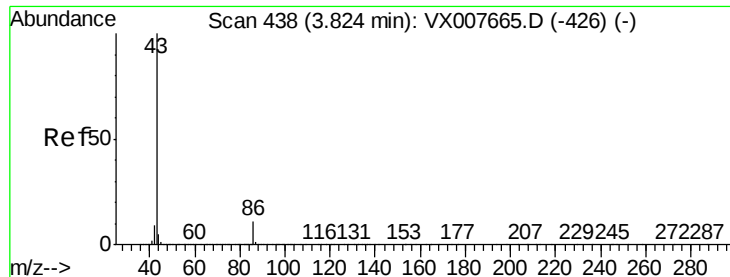
Delta R.T. -0.01 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Tgt Ion:	45	Resp:	440412
Ion Ratio	Lower	Upper	
45	100		
43	62.8	48.9	73.3
87	26.4	23.9	35.9
59	11.1	9.6	14.4





#23

Vinyl Acetate

Concen: 234.276 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1987180

Ion Ratio Lower Upper

43 100

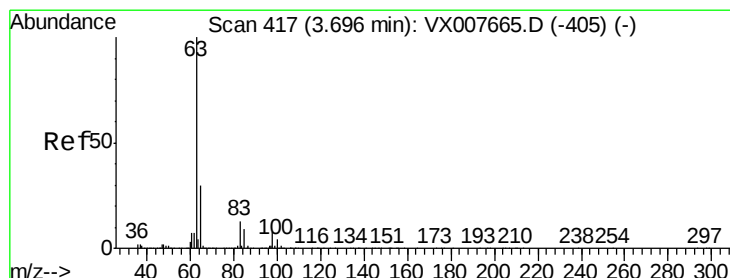
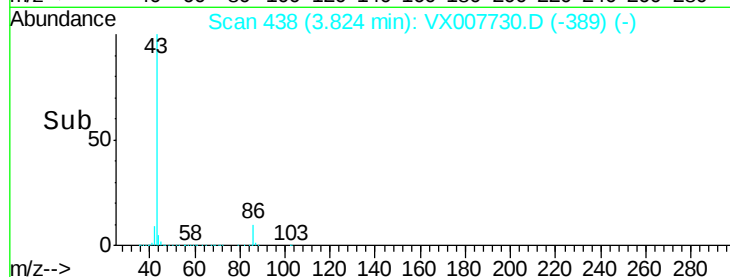
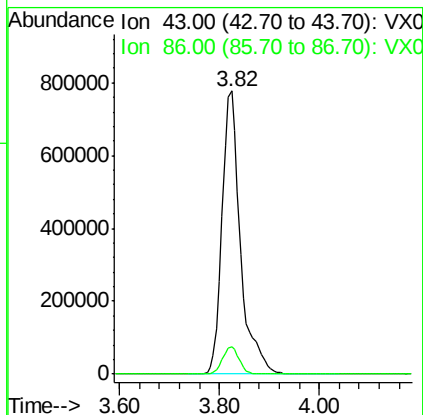
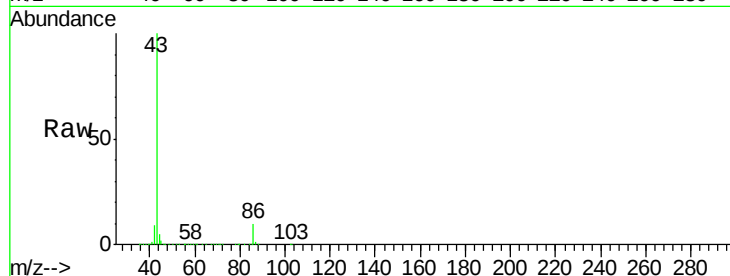
86 9.5 8.7 13.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 42.473 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

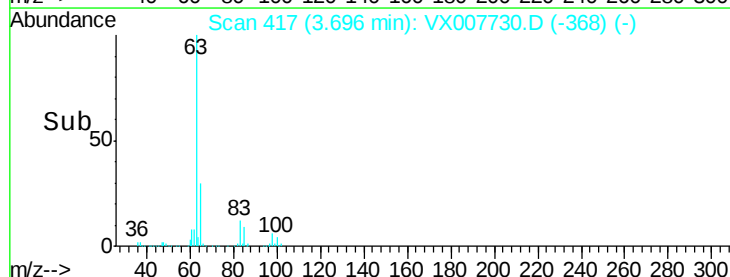
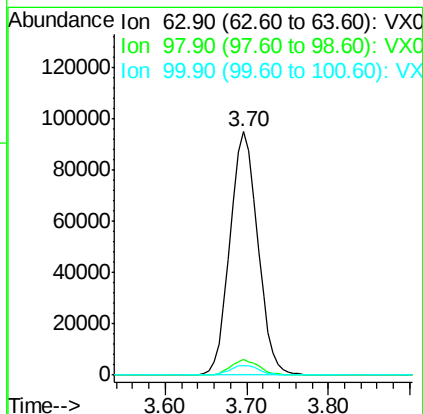
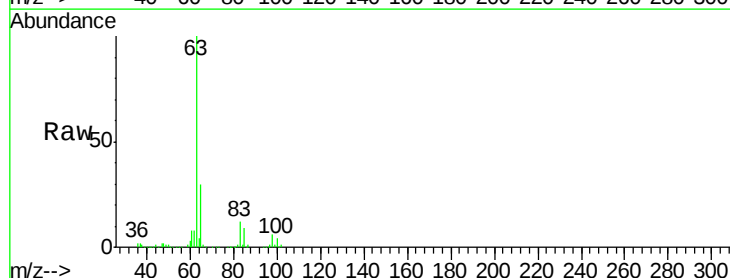
Tgt Ion: 63 Resp: 223164

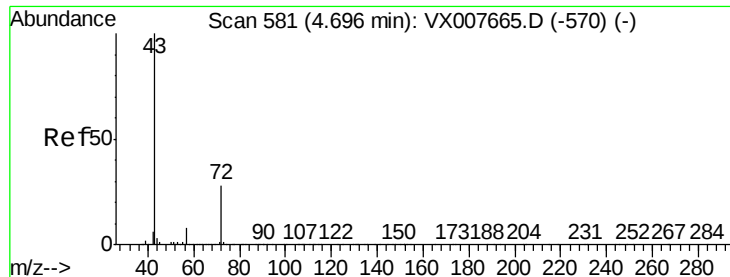
Ion Ratio Lower Upper

63 100

98 6.5 3.6 10.8

100 4.1 2.5 7.4





#25

2-Butanone

Concen: 260.579 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Tot Ion: 43 Resp: 627830

Ion Ratio Lower Upper

43 100

72 24.2 22.2 33.2

Instrument :

MSVOA_X

ClientSampleId :

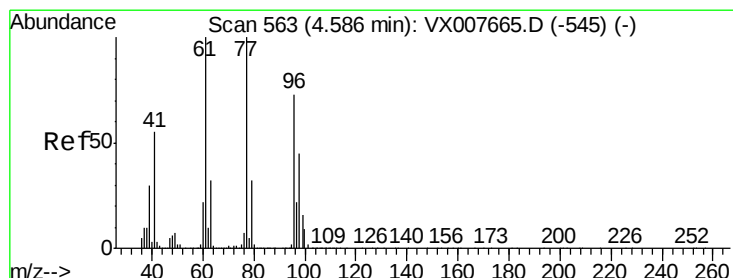
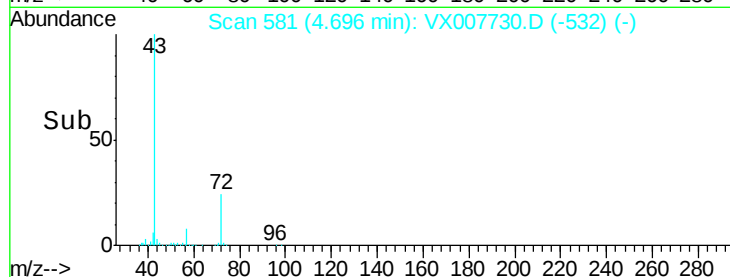
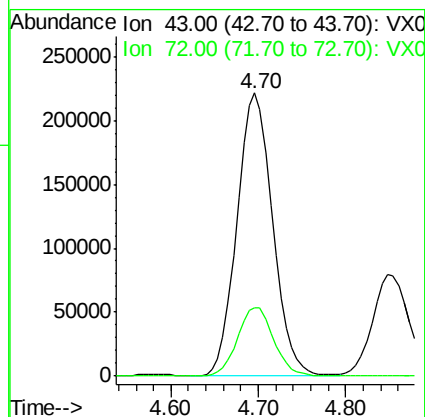
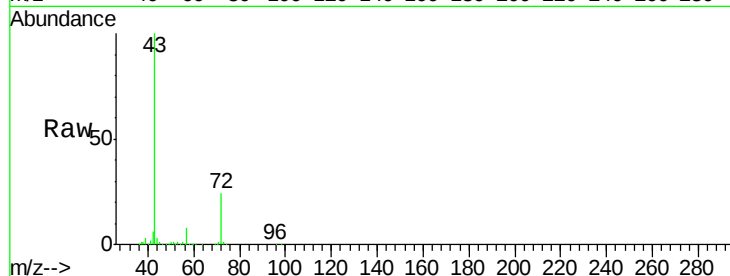
VSTDCCC050

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#26

2,2-Dichloropropane

Concen: 40.477 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007730.D

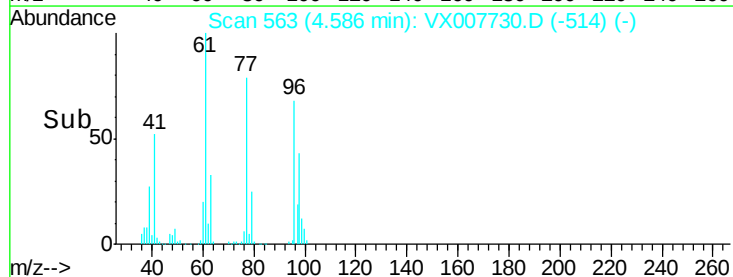
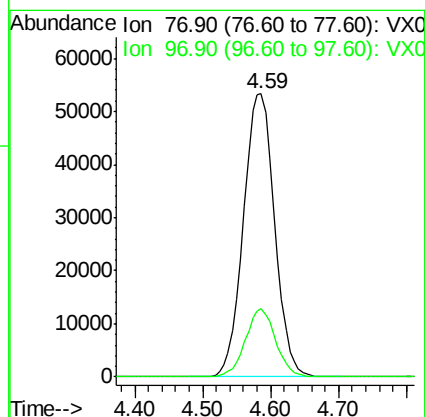
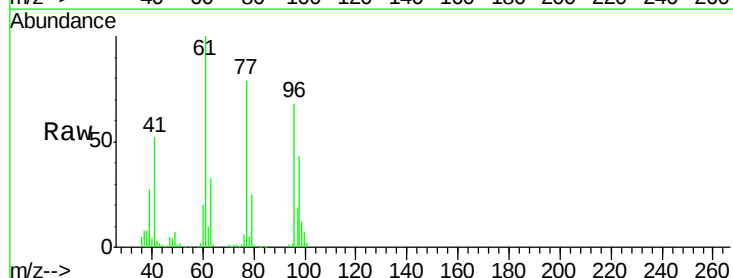
Acq: 27 Feb 2019 13:16

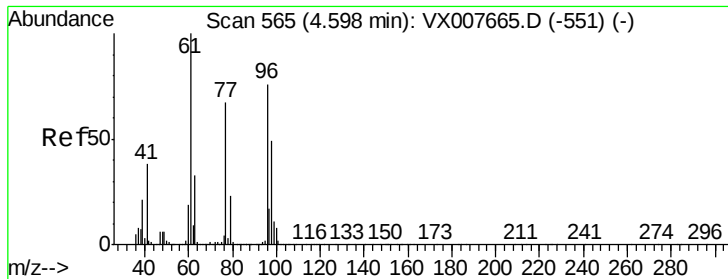
Tgt Ion: 77 Resp: 169768

Ion Ratio Lower Upper

77 100

97 23.4 12.1 36.3





#27

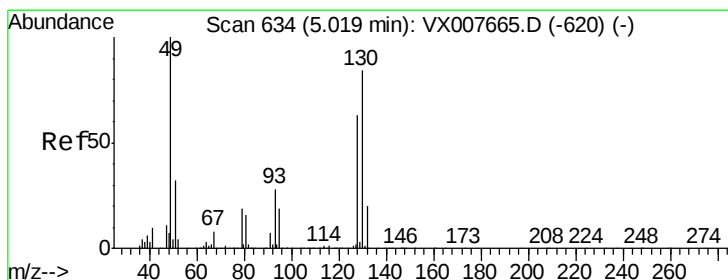
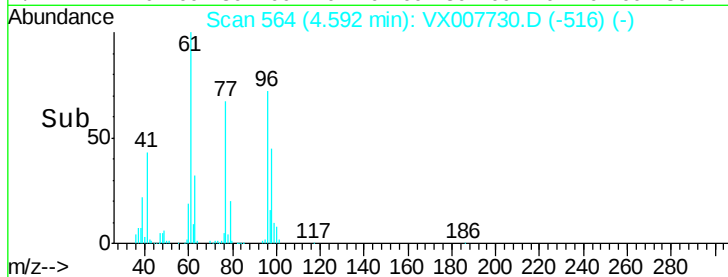
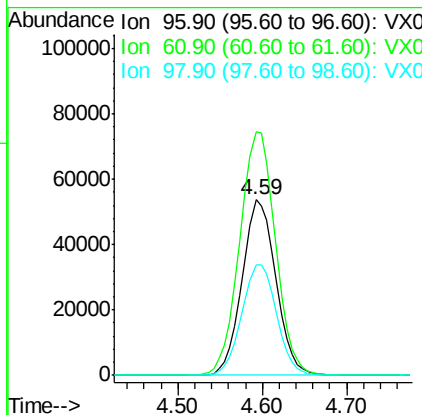
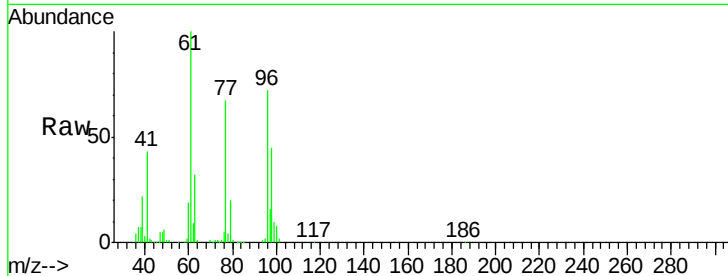
cis-1,2-Dichloroethene
Concen: 41.992 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	145899		
61	146.9	0.0	265.6	
98	65.2	0.0	131.6	

Manual Integrations
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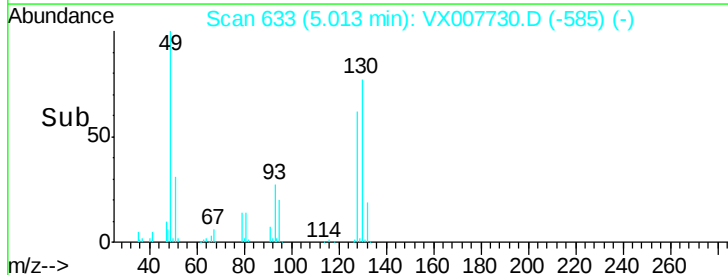
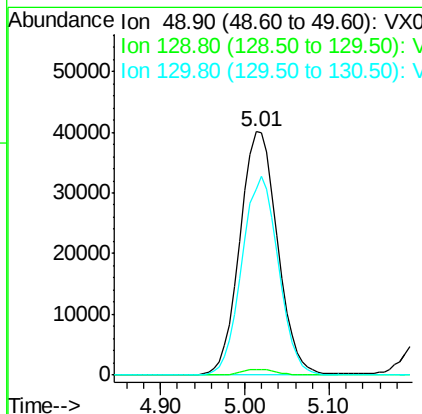
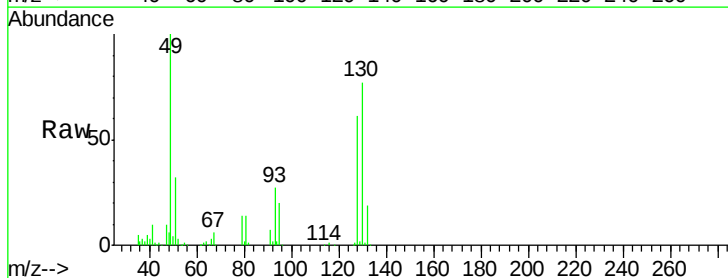
MMDadoda
2/28/2019 12:35:27 PM

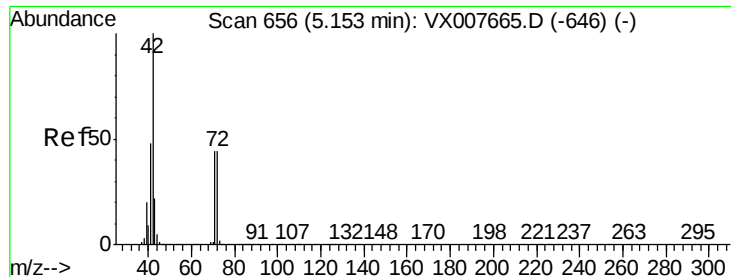


#28

Bromochloromethane
Concen: 47.586 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	121722		
129	2.2	0.0	5.6	
130	79.3	75.6	113.4	





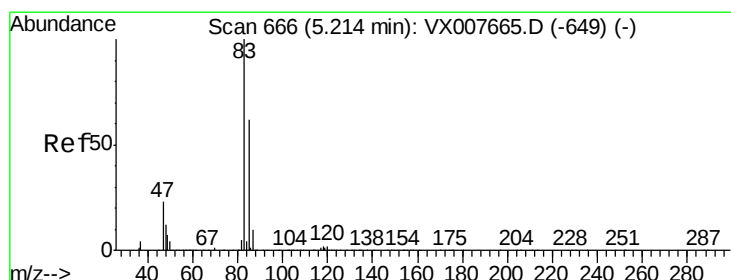
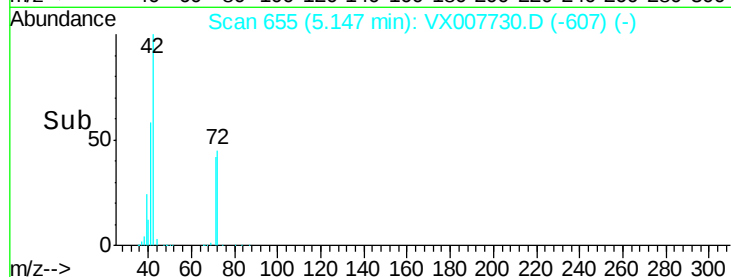
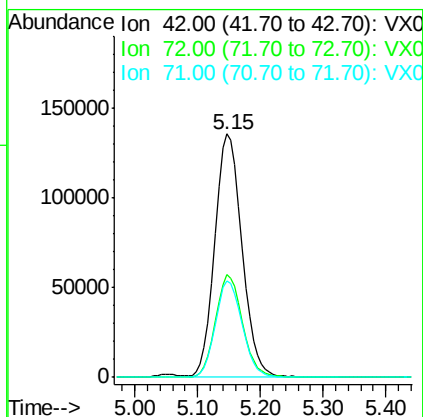
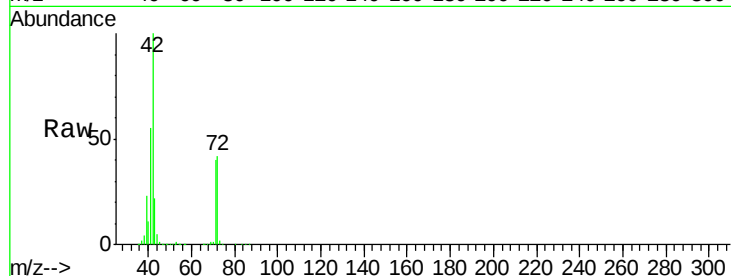
#29
Tetrahydrofuran
Concen: 256.986 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.9	37.6	56.4
71	39.1	34.6	51.8

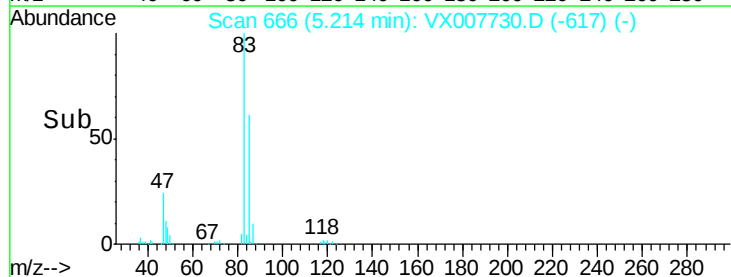
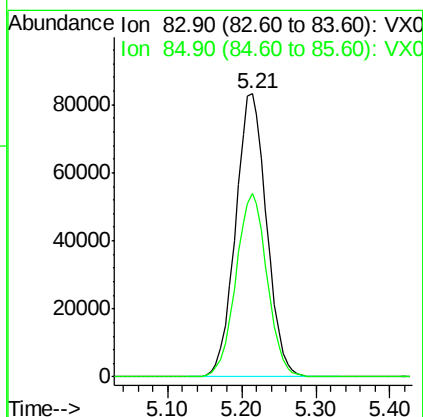
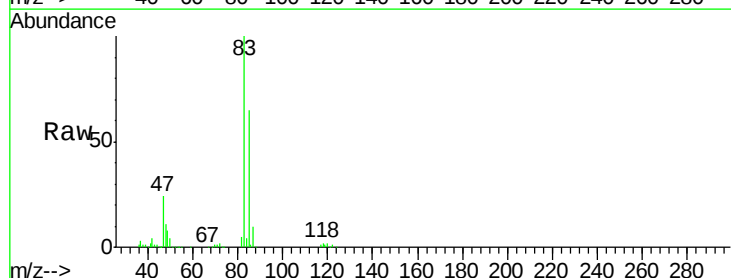
Manual Integrations
APPROVED

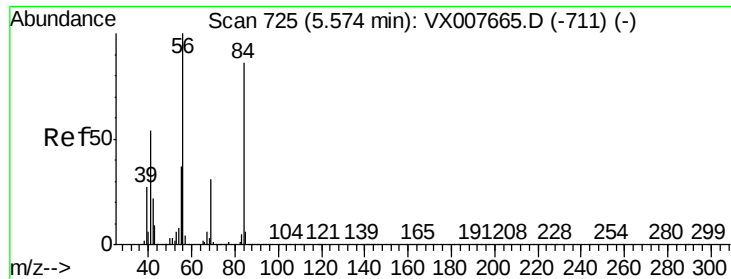
MMDadoda
2/28/2019 12:35:27 PM



#30
Chloroform
Concen: 43.243 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.6	77.4





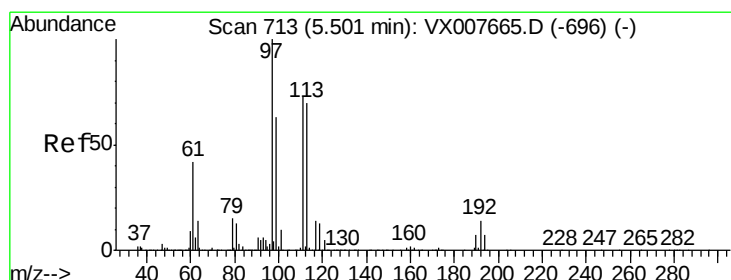
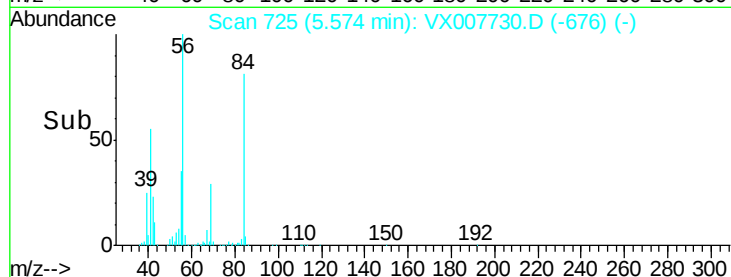
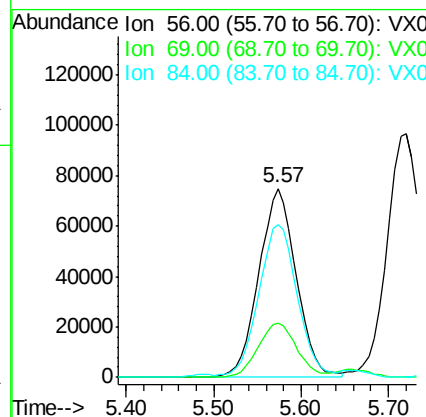
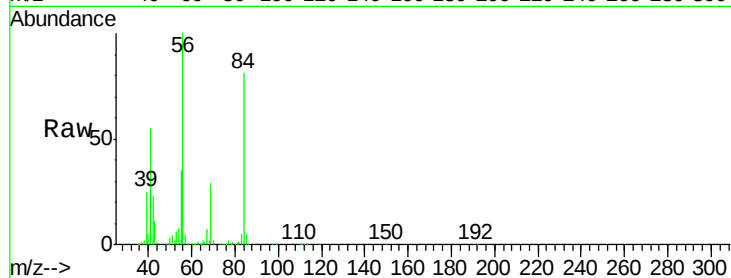
#31
Cyclohexane
Concen: 45.131 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.7	23.0	34.6
84	79.5	69.8	104.6

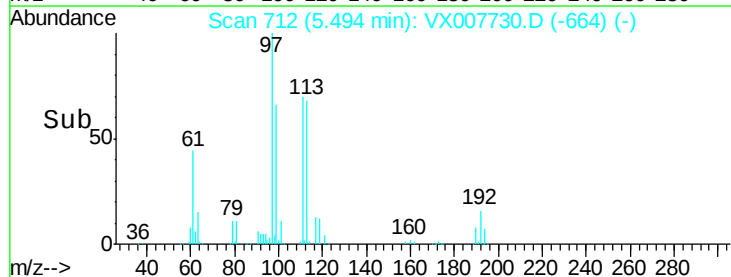
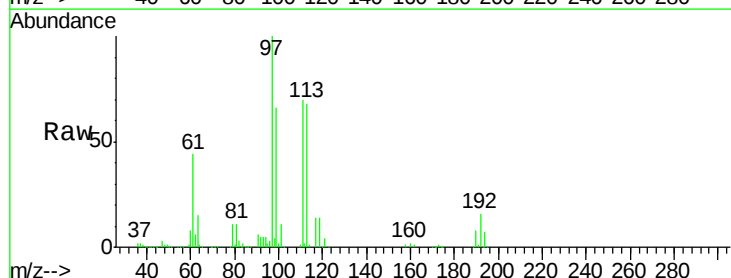
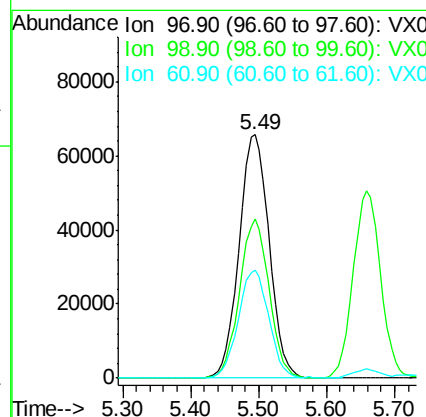
Manual Integrations
APPROVED

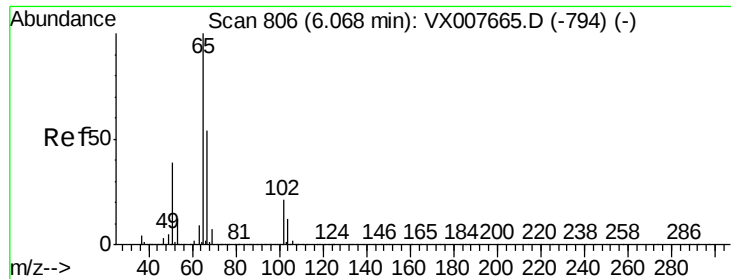
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 43.365 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.2	78.2
61	45.1	32.7	49.1





#33

1,2-Dichloroethane-d4

Concen: 46.457 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 165238

Ion Ratio Lower Upper

65 100

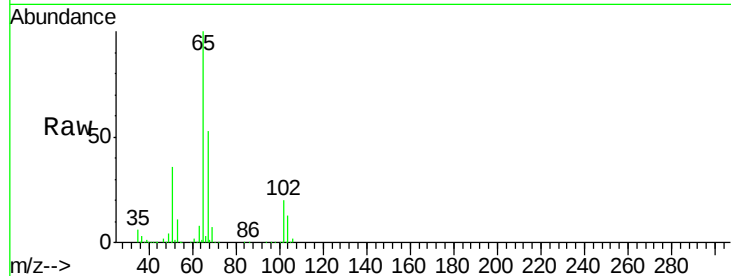
67 53.3 0.0 108.8

Manual Integrations

APPROVED

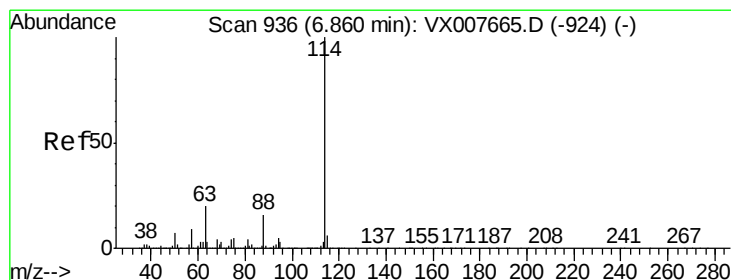
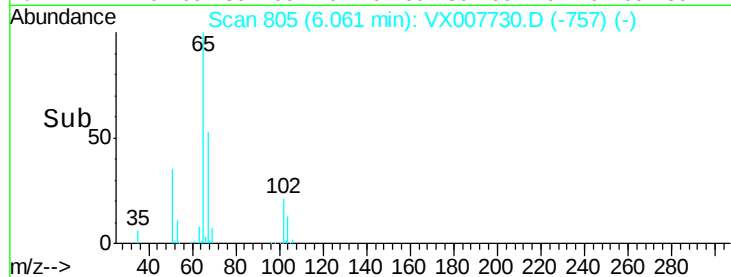
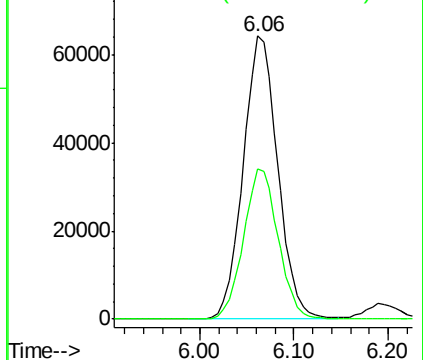
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

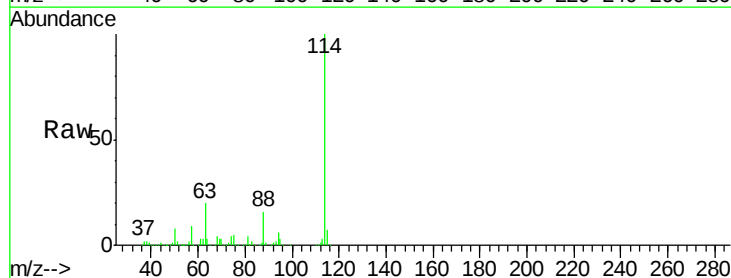
Tgt Ion: 114 Resp: 411779

Ion Ratio Lower Upper

114 100

63 20.1 0.0 35.6

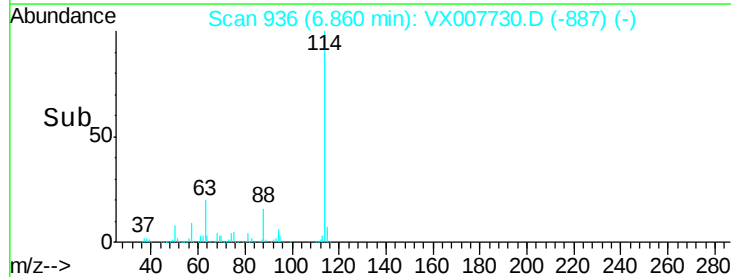
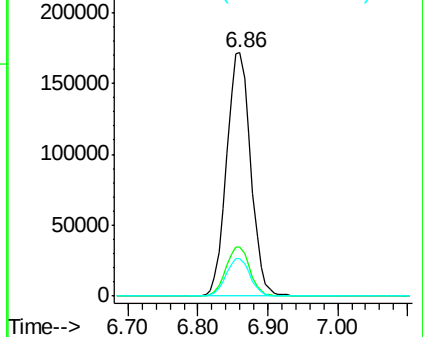
88 15.6 0.0 29.6

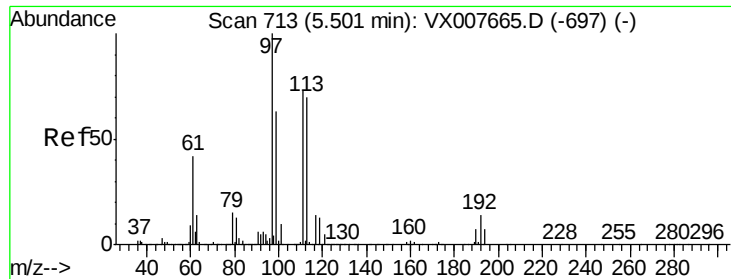


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.796 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :

MSVOA_X

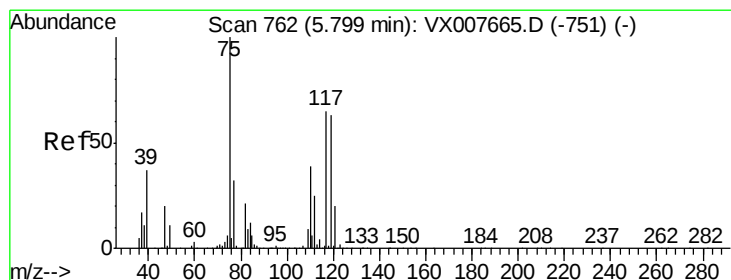
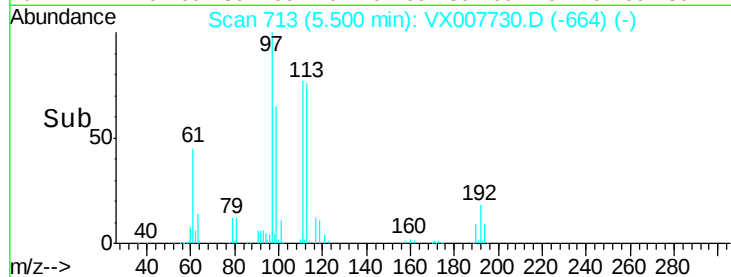
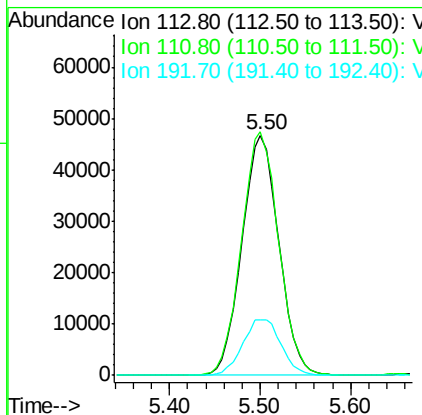
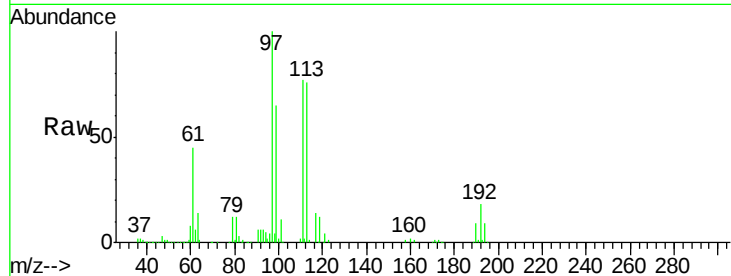
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	131565
Ion Ratio	Lower	Upper	
113	100		
111	102.5	81.8	122.8
192	24.4	18.5	27.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 48.368 ug/l

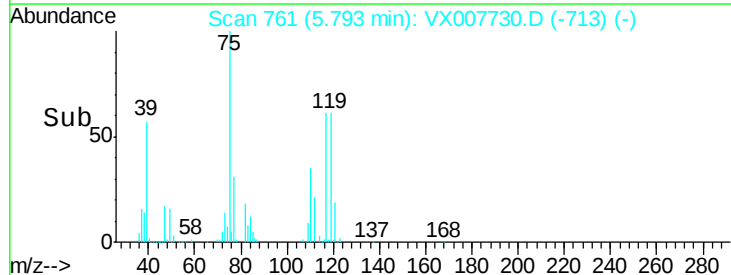
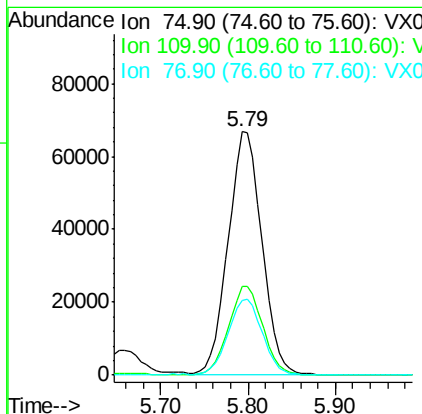
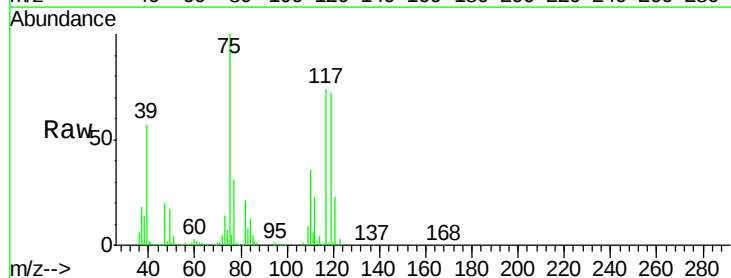
RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Tgt Ion:	75	Resp:	179062
Ion Ratio	Lower	Upper	
75	100		
110	36.9	20.0	59.9
77	31.4	24.7	37.1





#37

Ethyl Acetate

Concen: 56.581 ug/l

RT: 4.85 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :

MSVOA_X

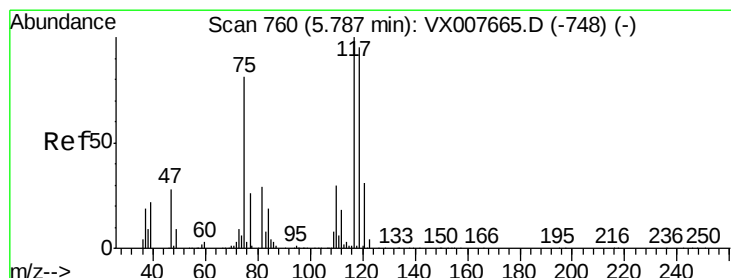
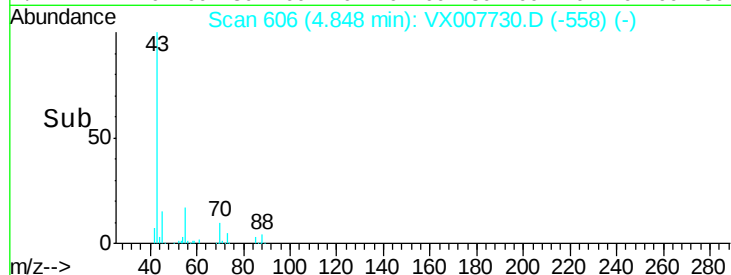
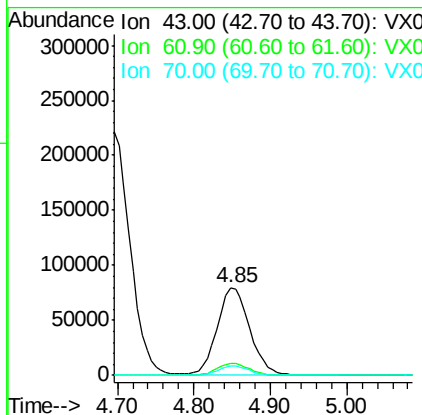
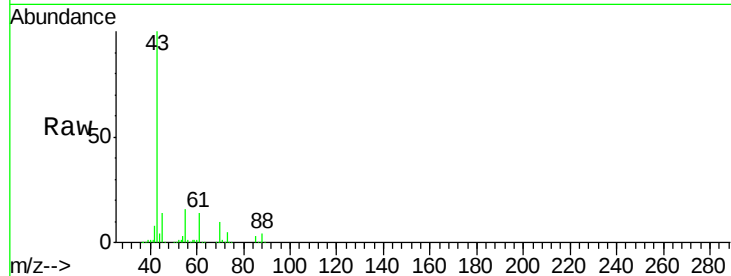
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	232683
Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.3	16.9
70	10.3	8.6	13.0

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 47.954 ug/l

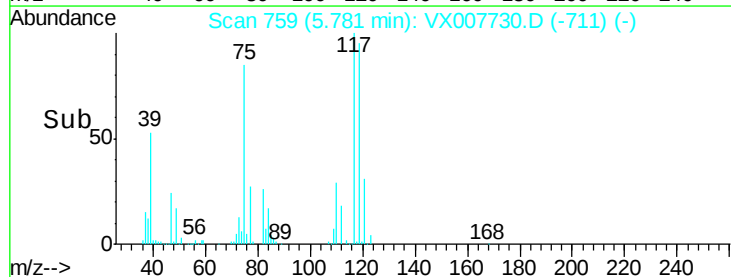
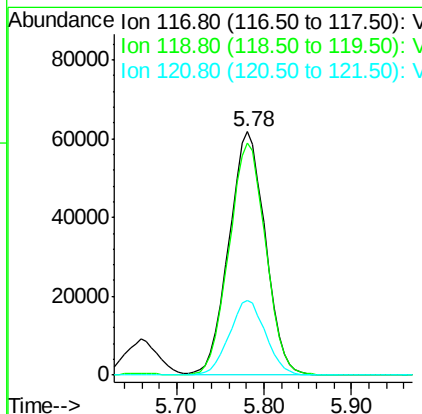
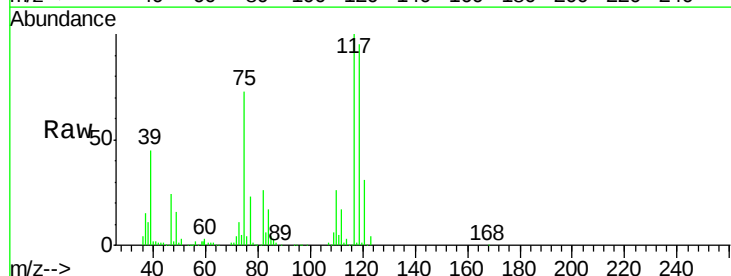
RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Tgt Ion:	117	Resp:	178330
Ion	Ratio	Lower	Upper
117	100		
119	95.1	75.3	112.9
121	30.5	25.0	37.4





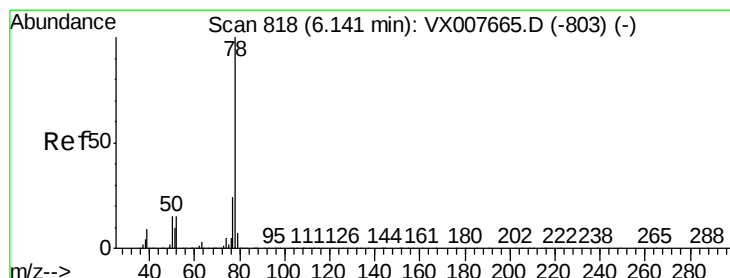
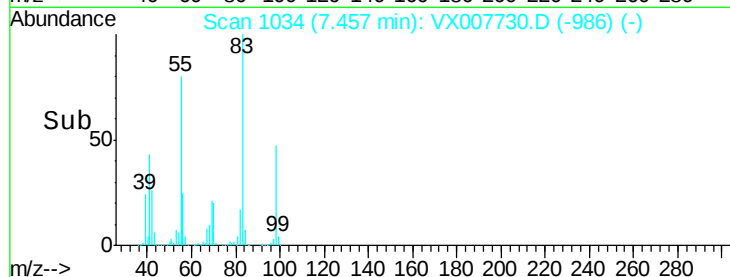
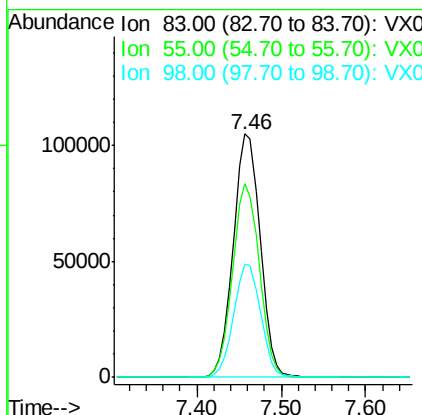
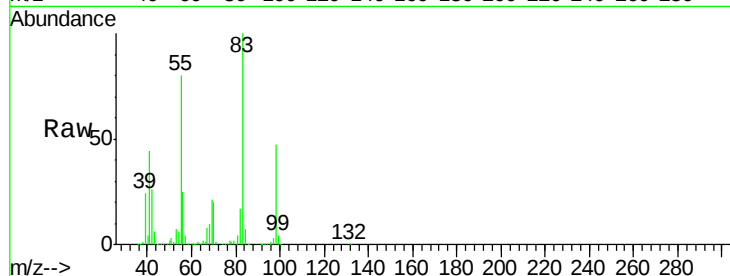
#39
Methvlcvclohexane
Concen: 48.486 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.6	56.2	84.2
98	46.6	36.8	55.2

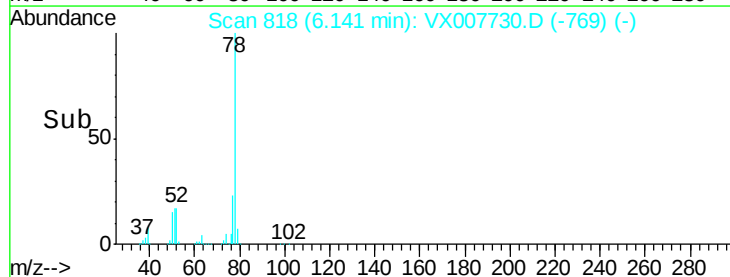
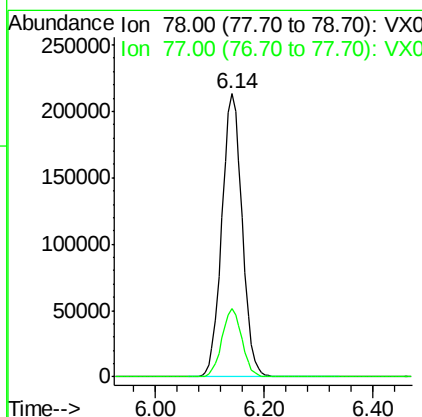
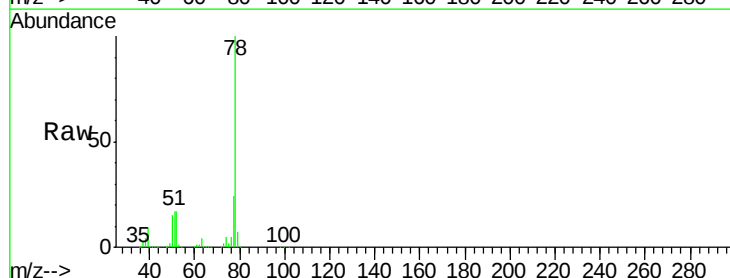
Manual Integrations
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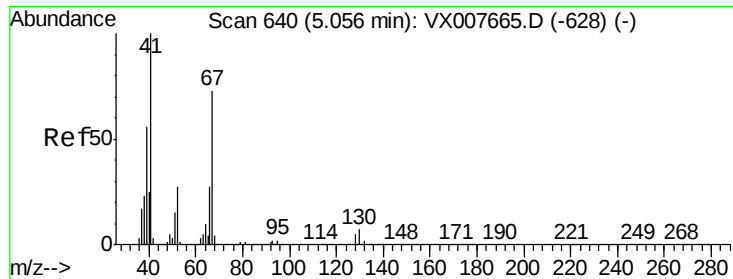
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#40
Benzene
Concen: 48.298 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.3	28.9





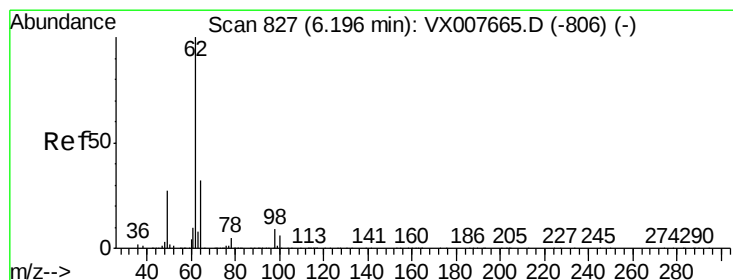
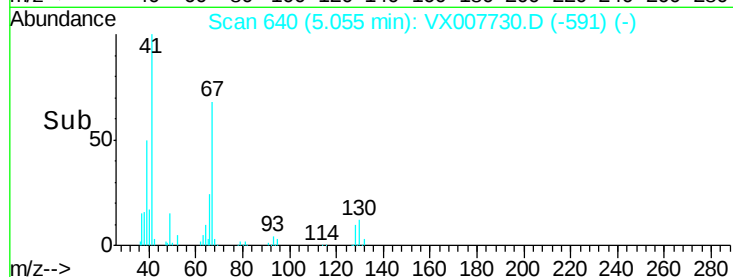
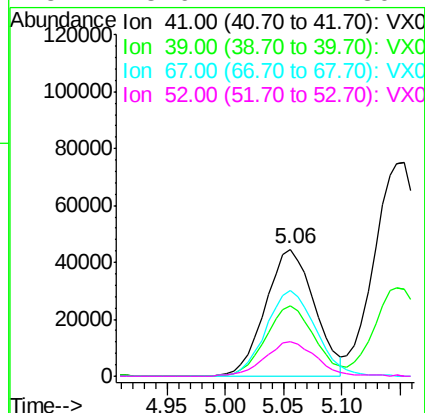
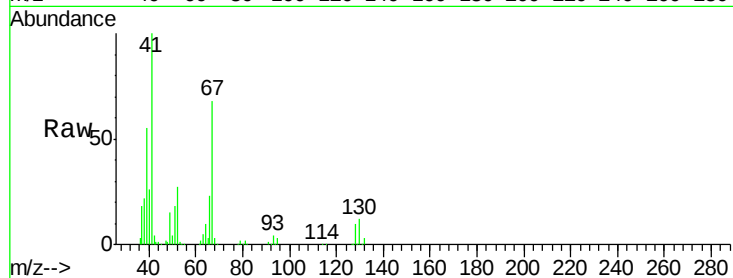
#41
Methacrylonitrile
Concen: 58.939 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.4	44.5	66.7
67	69.0	60.4	90.6
52	28.6	24.1	36.1

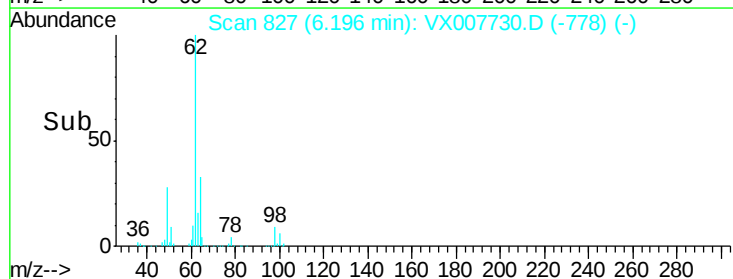
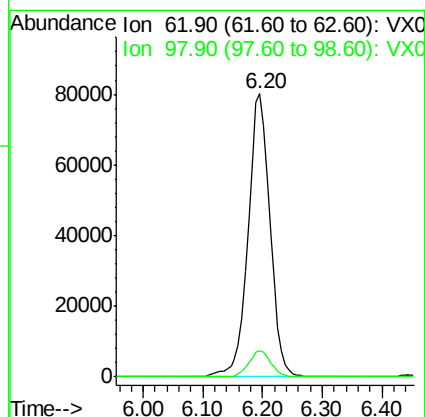
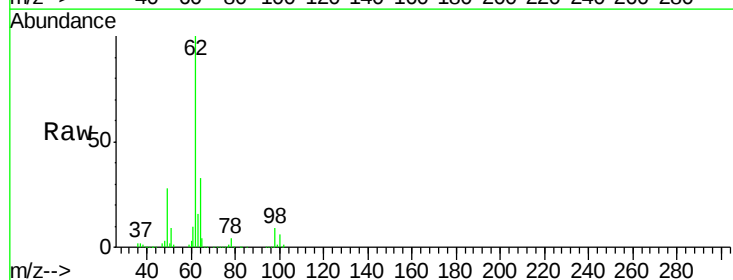
Manual Integrations
APPROVED

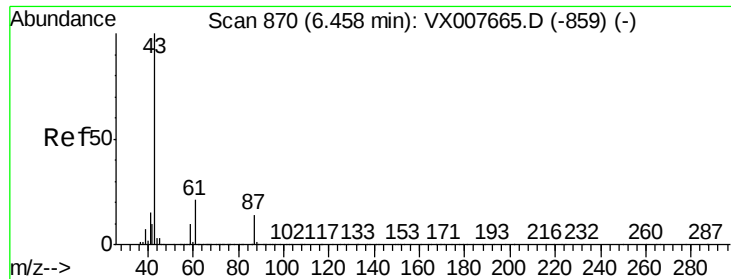
MMDadoda
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#42
1,2-Dichloroethane
Concen: 53.188 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.0





#43

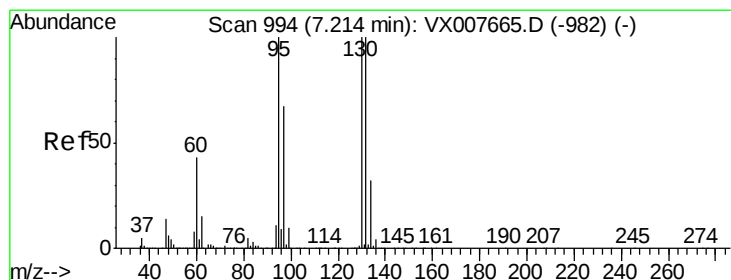
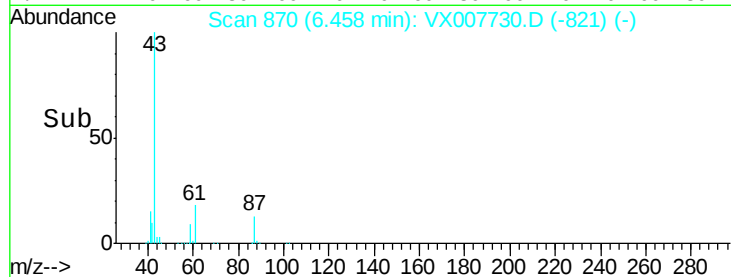
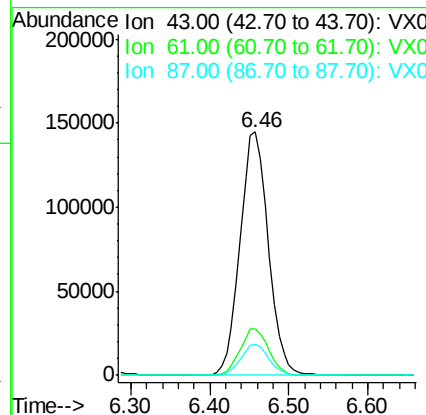
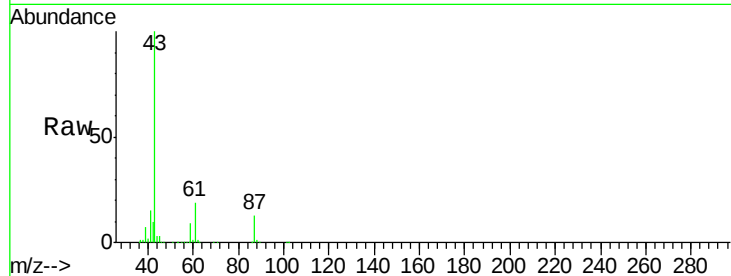
Isopropyl Acetate
 Concen: 56.946 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX007730.D
 Acq: 27 Feb 2019 13:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.4	16.1	24.1
87	12.9	11.5	17.3

Manual Integrations
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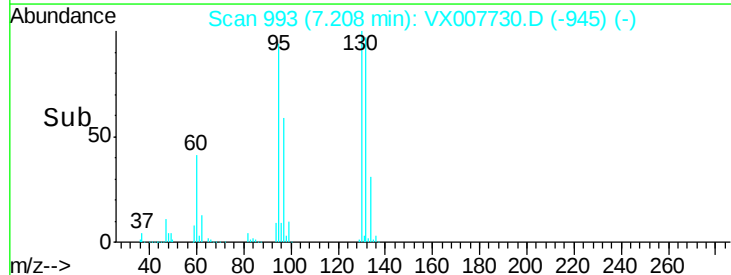
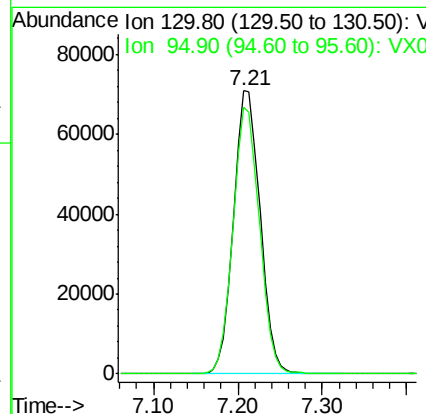
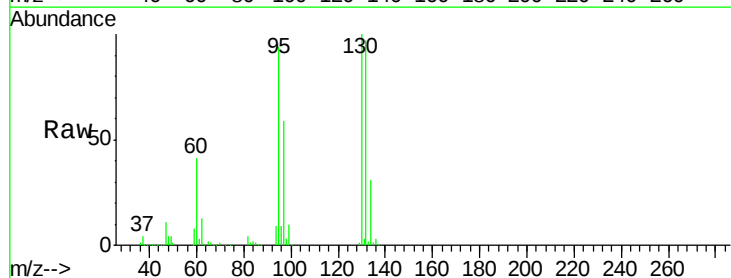
MMDadoda
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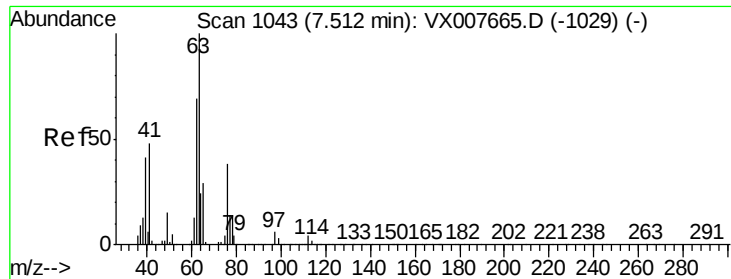


#44

Trichloroethene
 Concen: 48.478 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX007730.D
 Acq: 27 Feb 2019 13:16

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.4	0.0	180.0





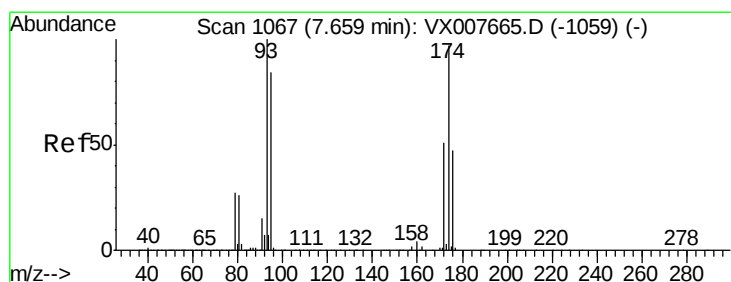
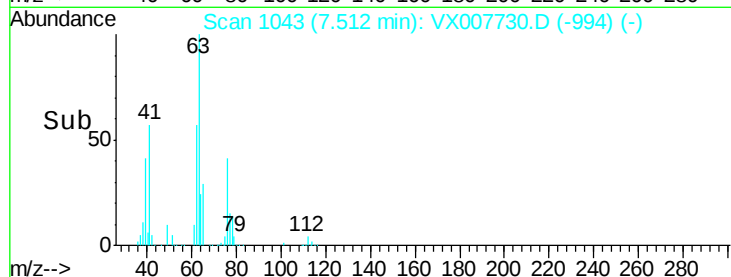
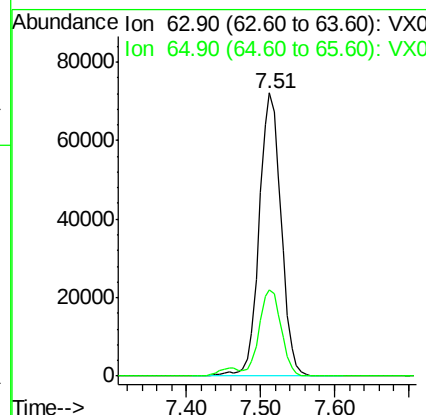
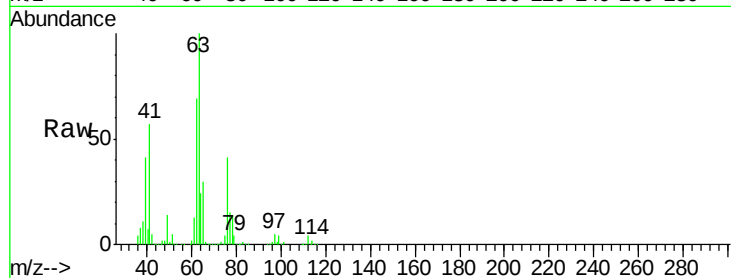
#45
 1,2-Dichloropropane
 Concen: 50.378 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX007730.D
 Acq: 27 Feb 2019 13:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.3	24.2	36.2

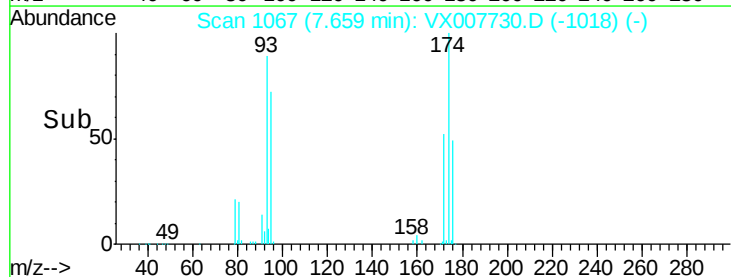
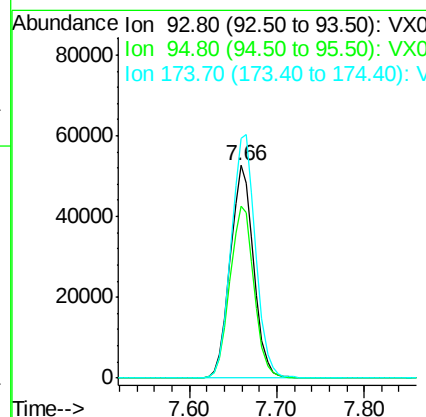
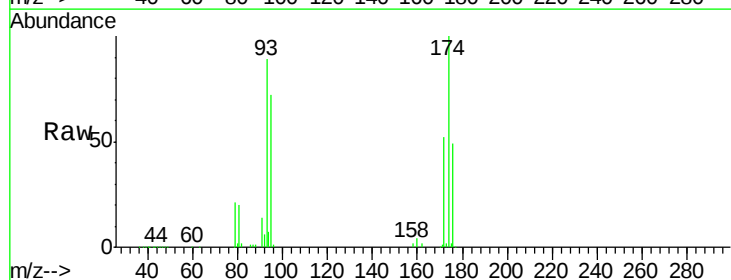
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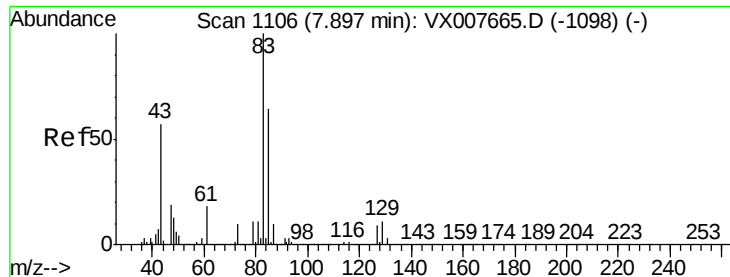
MMDadoda
 2/28/2019 12:35:27 PM



#46
 Dibromomethane
 Concen: 47.486 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX007730.D
 Acq: 27 Feb 2019 13:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	67.6	101.4
174	119.1	94.2	141.4





#47

Bromodichloromethane

Concen: 51.412 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :

MSVOA_X

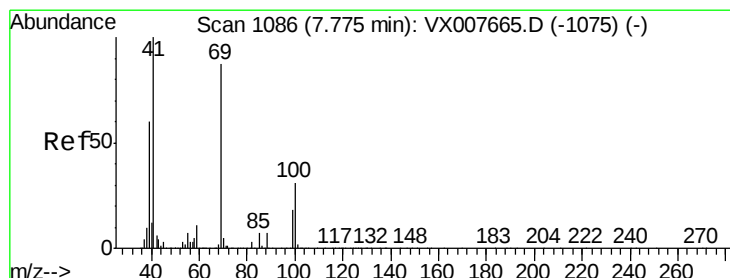
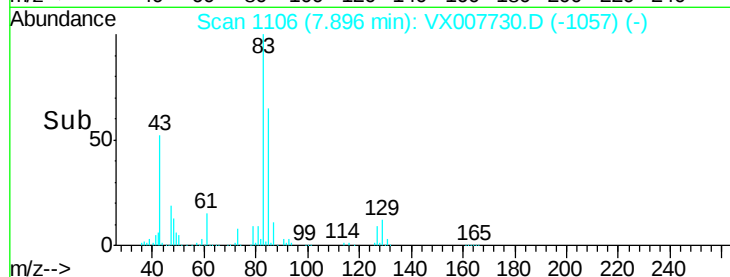
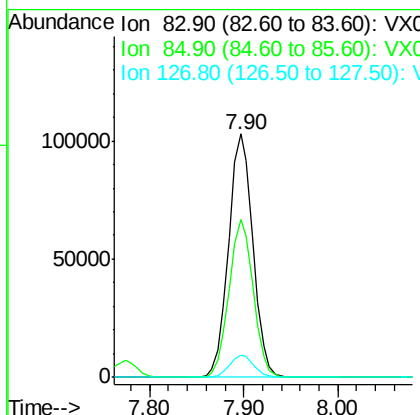
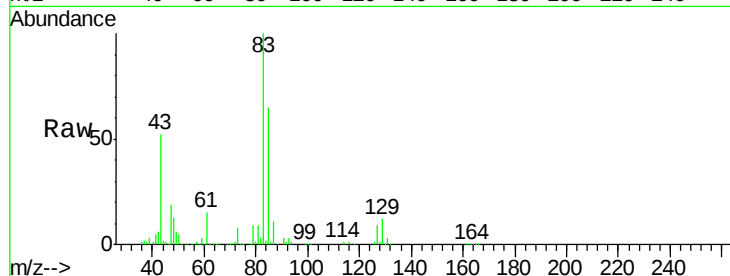
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	184002
Ion Ratio	Lower	Upper	
83	100		
85	64.6	51.4	77.0
127	8.9	8.1	12.1

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#48

Methyl methacrylate

Concen: 58.658 ug/l

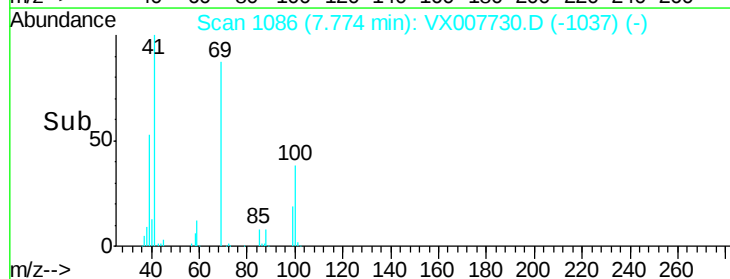
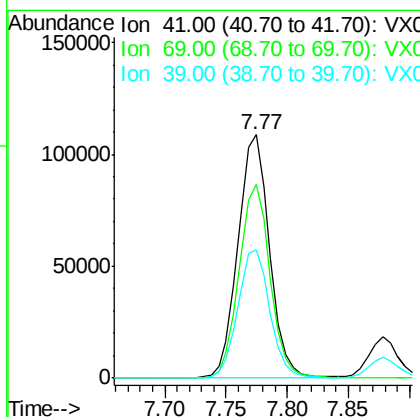
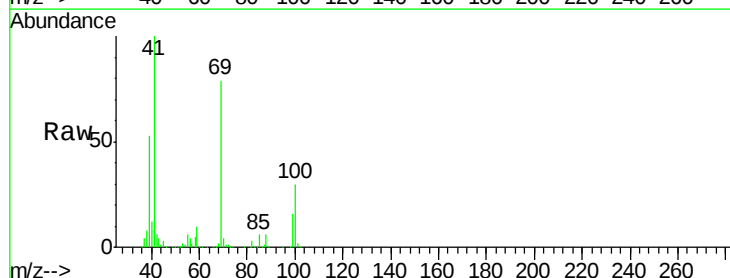
RT: 7.77 min Scan# 1086

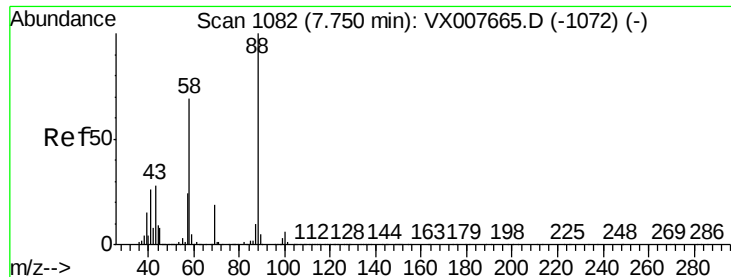
Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Tgt Ion:	41	Resp:	194607
Ion Ratio	Lower	Upper	
41	100		
69	78.6	70.2	105.4
39	53.3	47.4	71.0





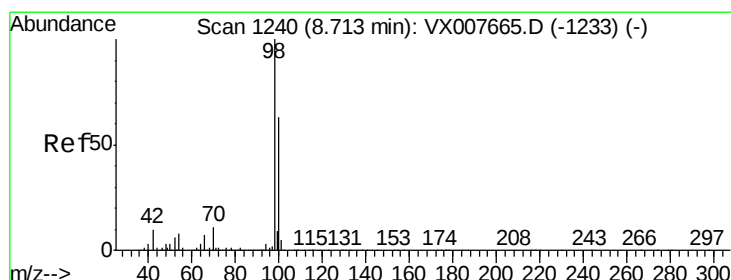
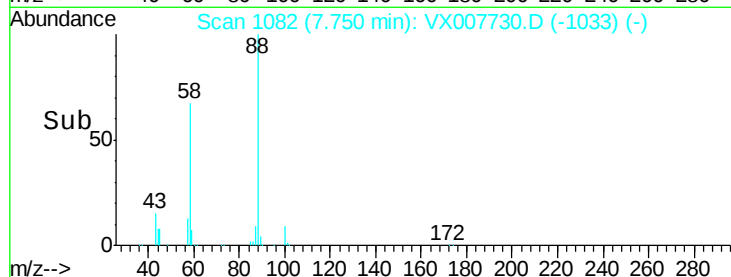
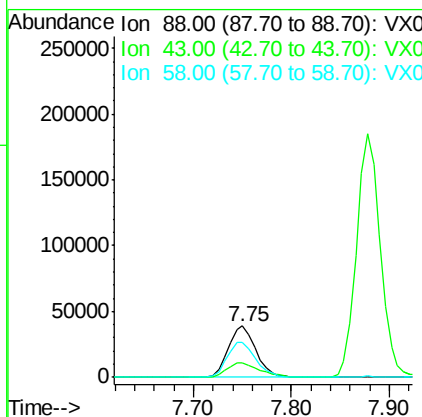
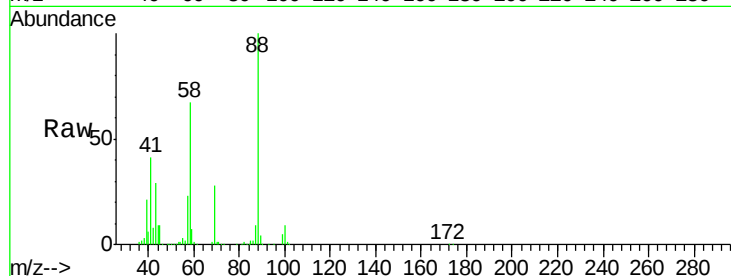
#49
1,4-Dioxane
Concen: 1067.290 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.4	24.2	36.4
58	71.3	53.0	79.4

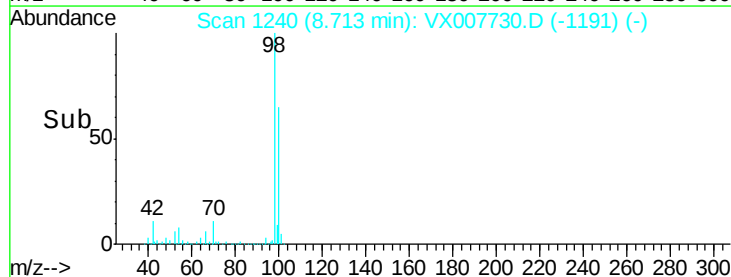
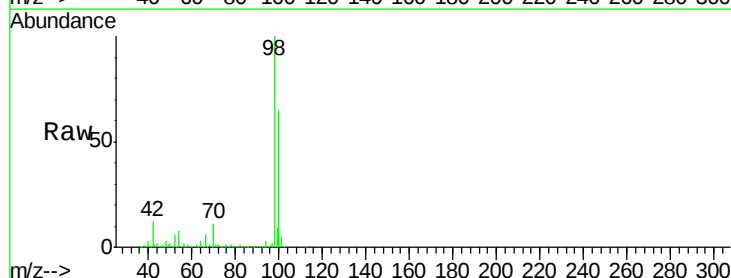
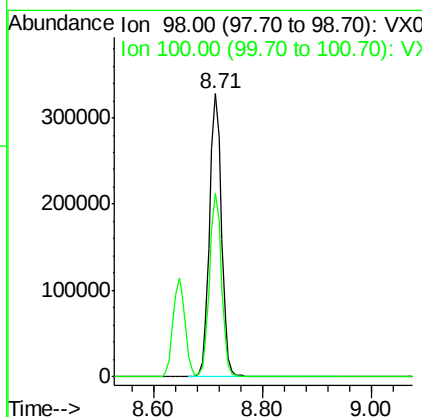
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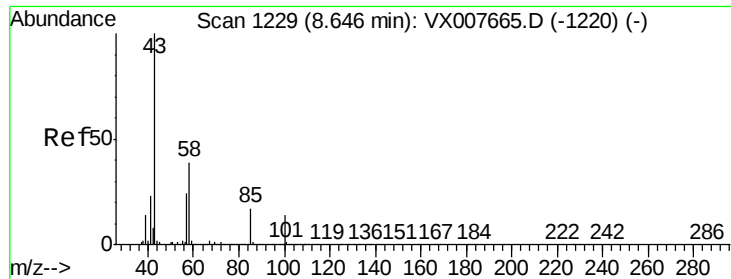
MMDadoda
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#50
Toluene-d8
Concen: 47.500 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.6	77.4





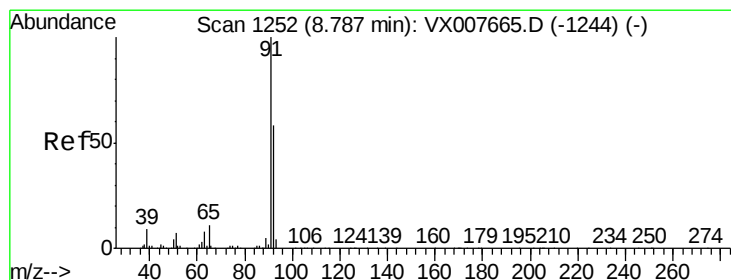
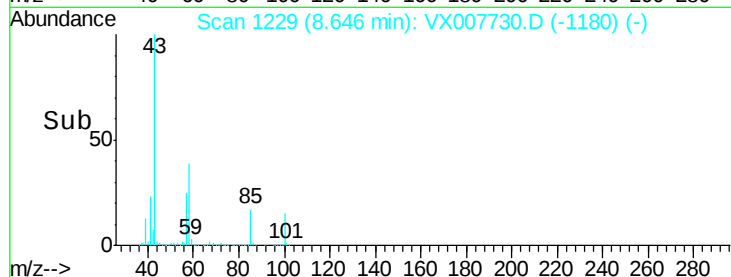
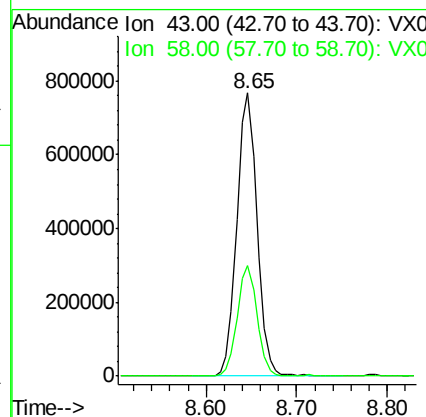
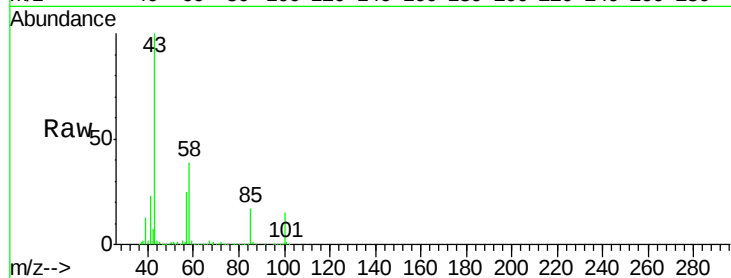
#51
4-Methyl-2-Pentanone
Concen: 280.628 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1188908
Ion Ratio Lower Upper
43 100
58 38.2 31.2 46.8

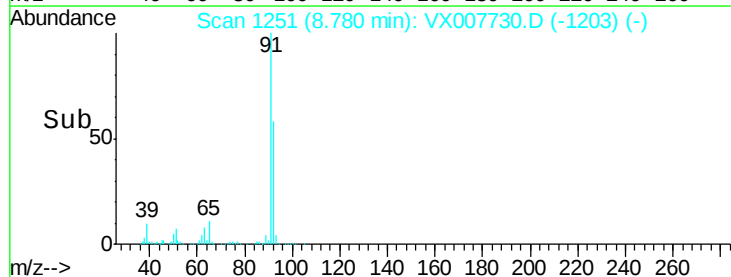
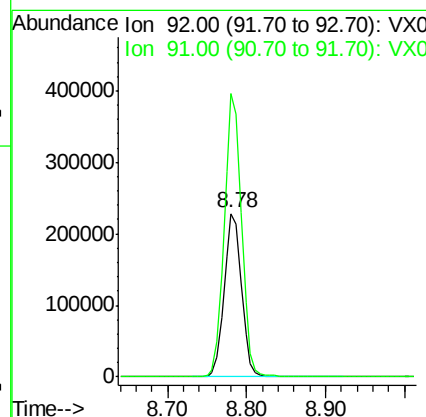
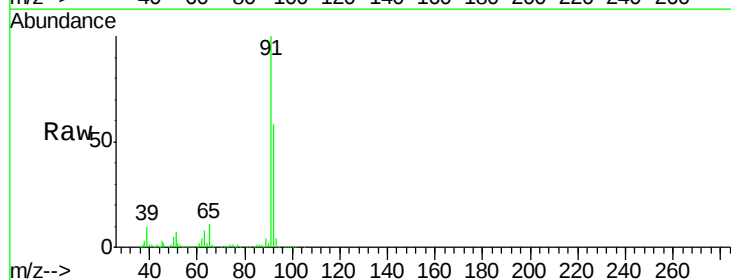
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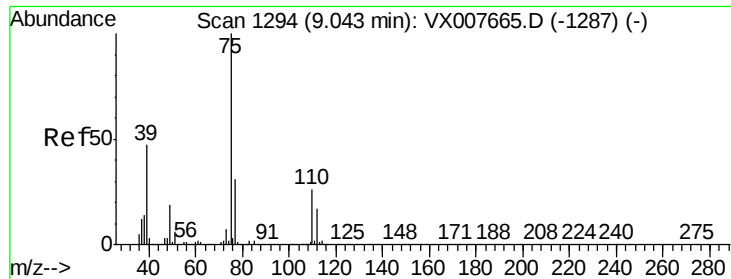
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#52
Toluene
Concen: 48.445 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Tgt Ion: 92 Resp: 349109
Ion Ratio Lower Upper
92 100
91 173.4 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 47.029 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 208467

Ion Ratio Lower Upper

75 100

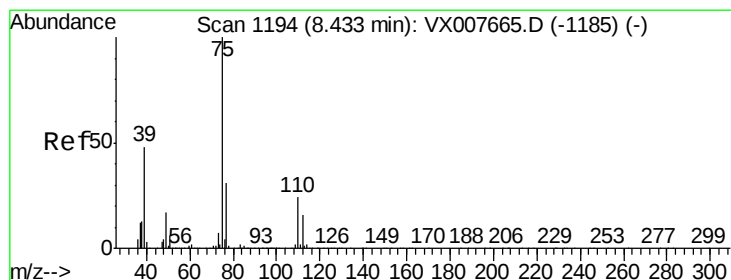
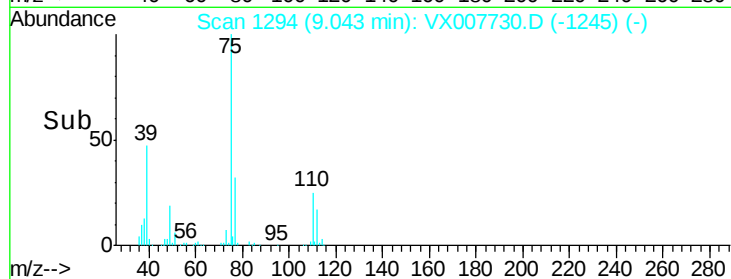
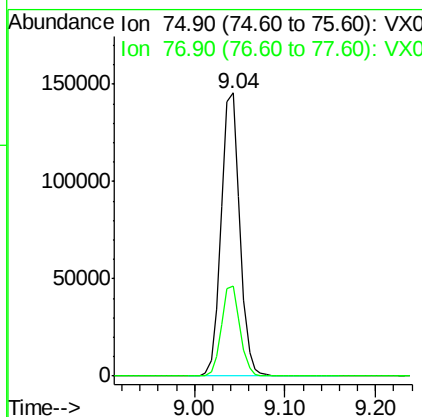
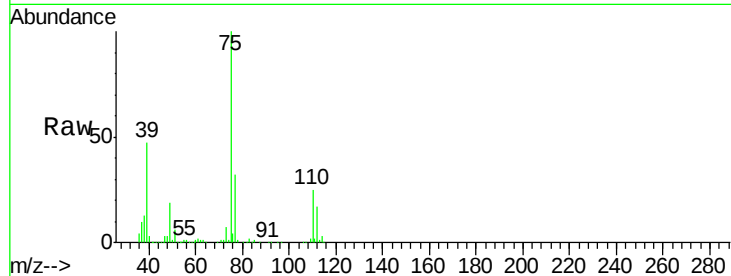
77 31.7 25.2 37.8

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#54

cis-1,3-Dichloropropene

Concen: 51.992 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

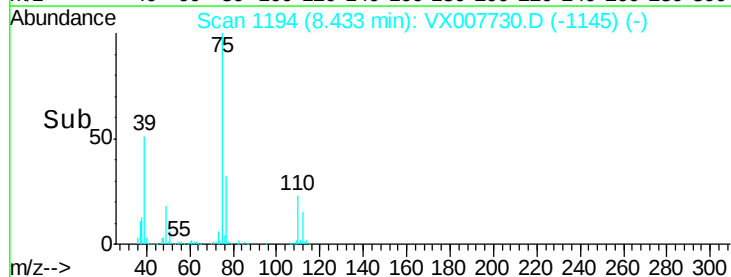
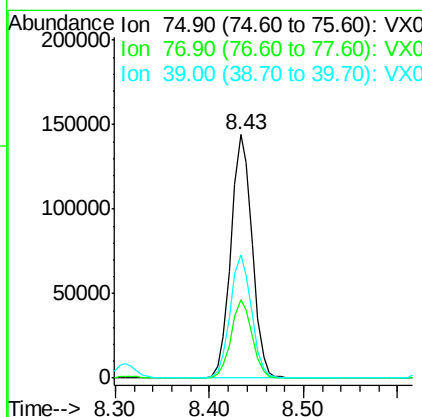
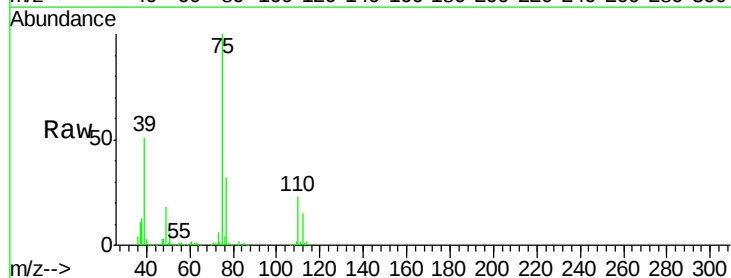
Tgt Ion: 75 Resp: 225809

Ion Ratio Lower Upper

75 100

77 32.4 26.2 39.4

39 50.6 37.1 55.7





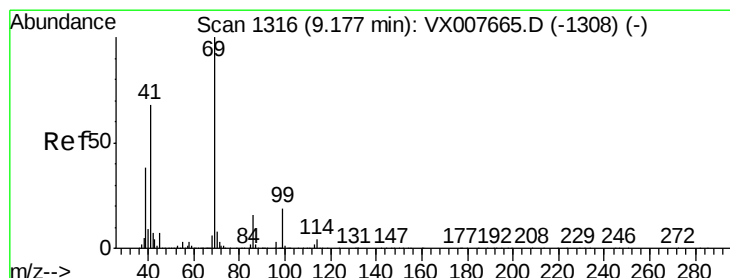
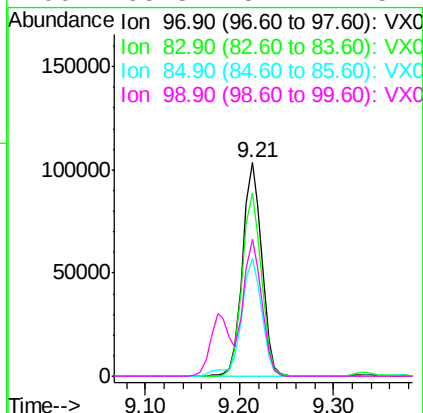
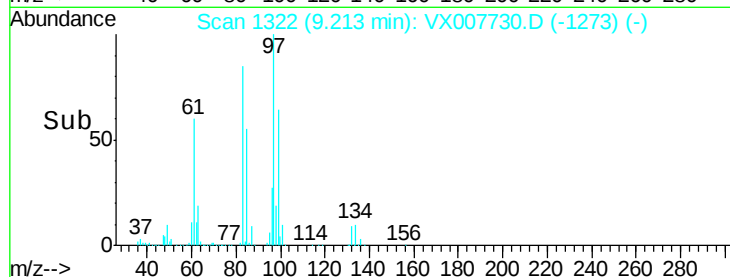
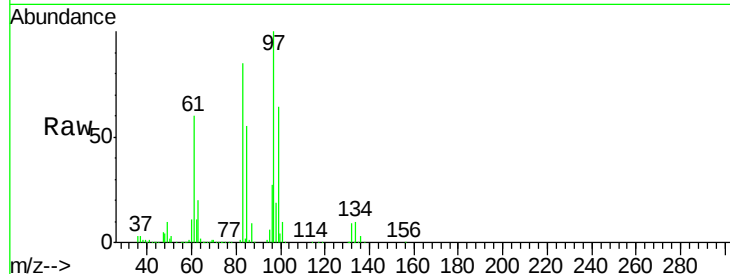
#55
 1,1,2-Trichloroethane
 Concen: 49.204 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007730.D
 Acq: 27 Feb 2019 13:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		147863		
83	85.5	68.6	102.8		
85	55.3	44.5	66.7		
99	63.8	52.2	78.4		

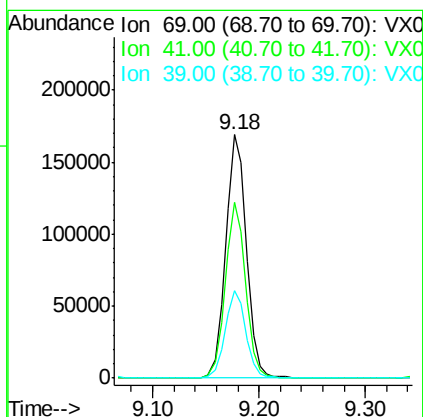
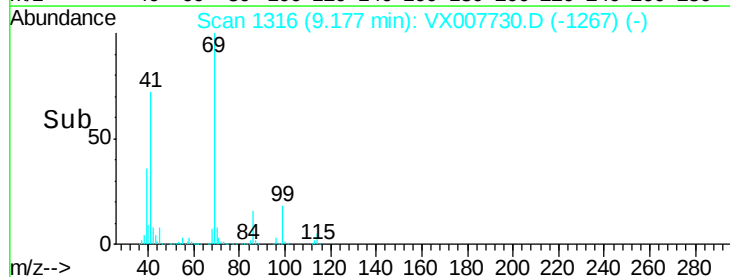
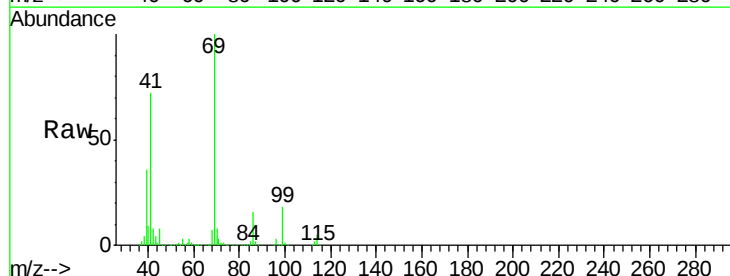
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#56
 Ethyl methacrylate
 Concen: 53.941 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX007730.D
 Acq: 27 Feb 2019 13:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		230511		
41	70.6	52.1	78.1		
39	35.6	30.1	45.1		





#57

1,3-Dichloropropane

Concen: 51.998 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 250132

Ion Ratio Lower Upper

76 100

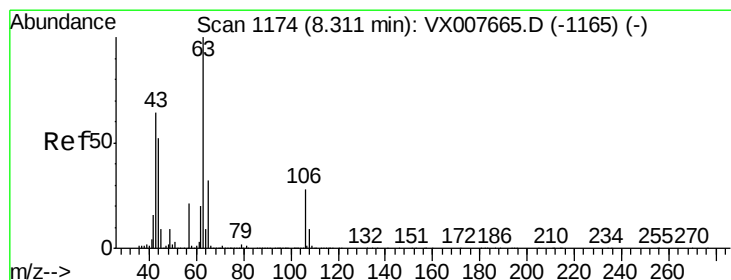
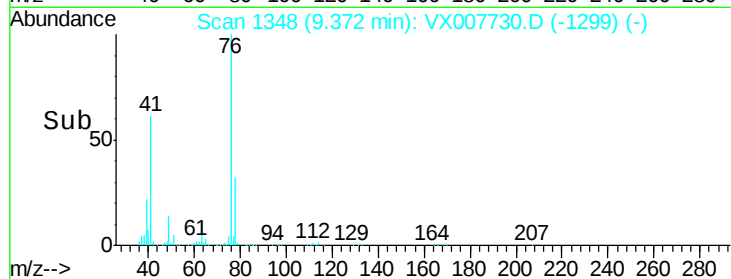
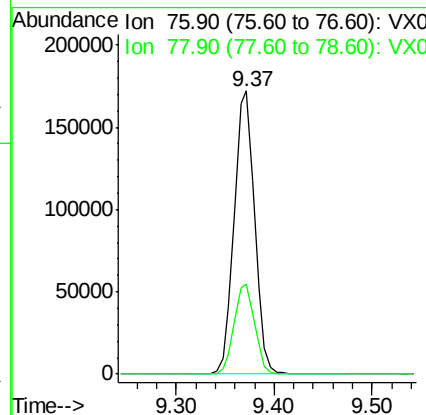
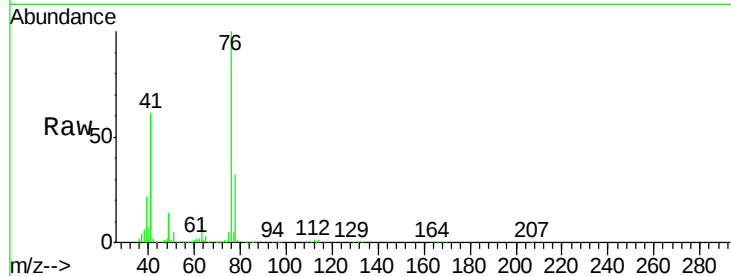
78 31.9 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 273.037 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007730.D

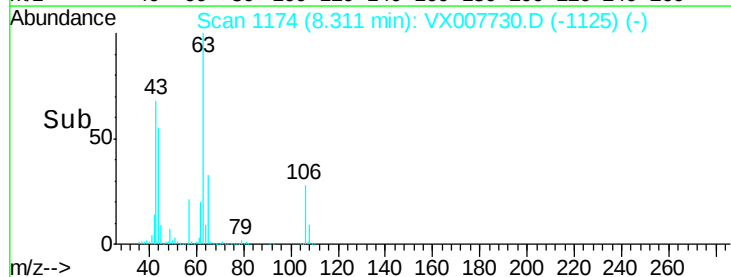
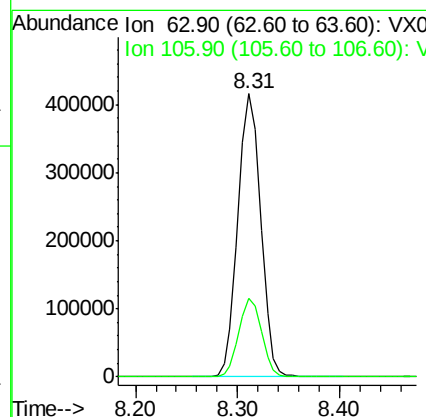
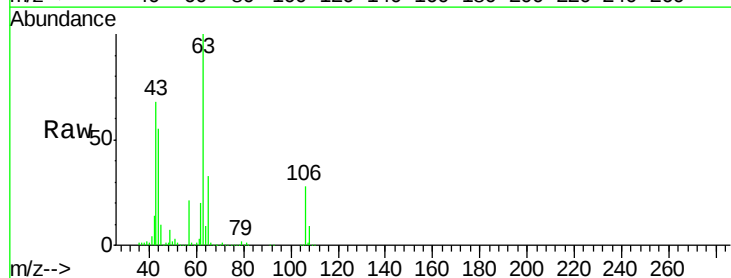
Acq: 27 Feb 2019 13:16

Tgt Ion: 63 Resp: 643432

Ion Ratio Lower Upper

63 100

106 27.9 23.6 35.4





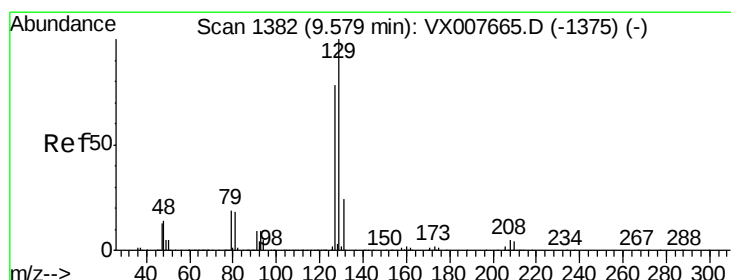
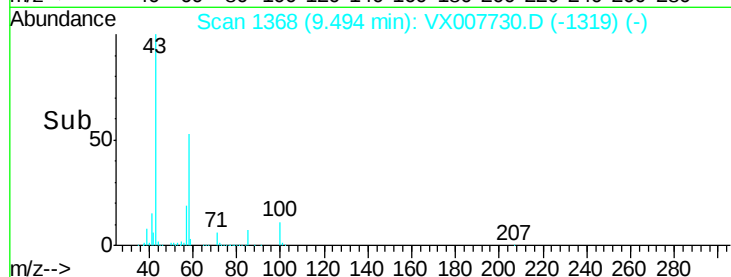
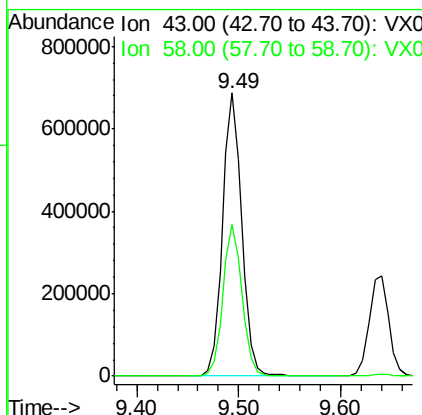
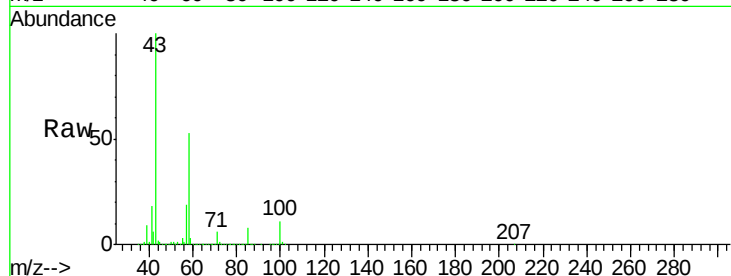
#59
2-Hexanone
Concen: 270.483 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.3	27.1	81.3

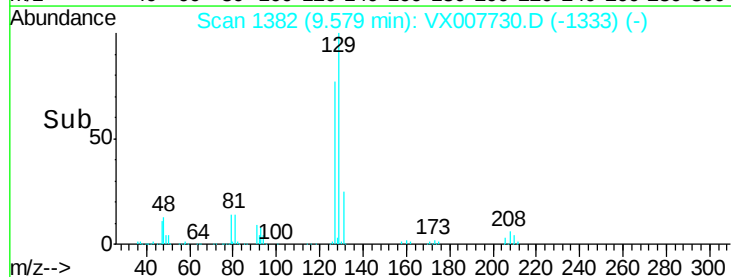
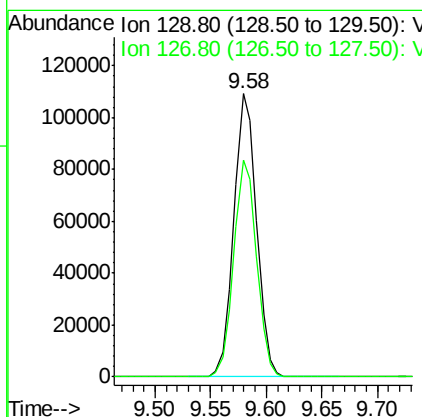
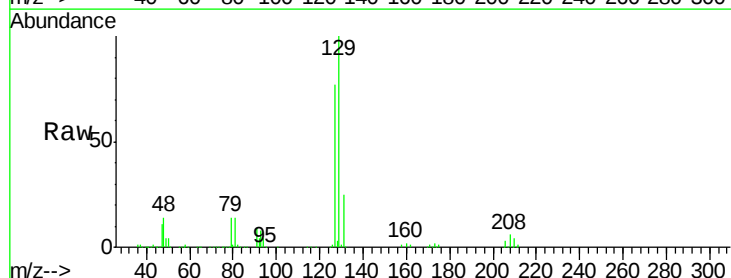
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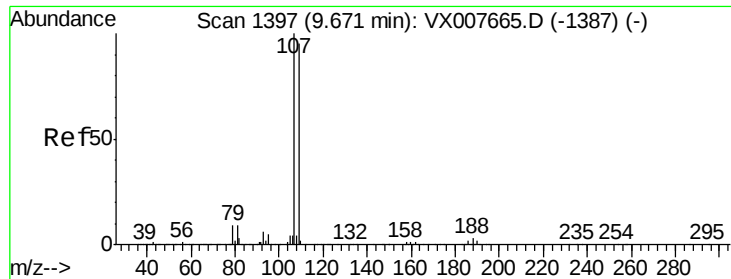
MMDadoda
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#60
Dibromochloromethane
Concen: 53.253 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.4	37.8	113.4





#61

1,2-Dibromoethane

Concen: 50.587 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:107 Resp: 157834

Ion Ratio Lower Upper

107 100

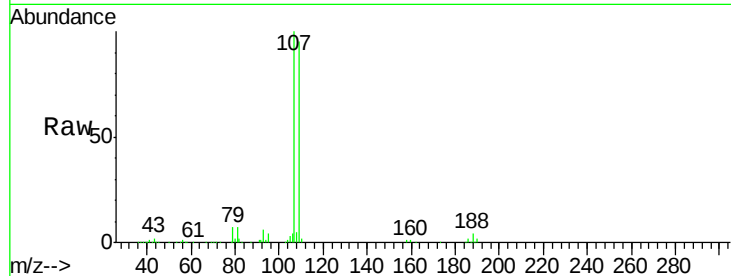
109 94.9 75.1 112.7

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

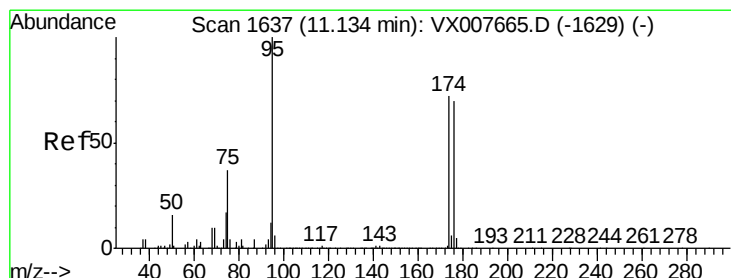
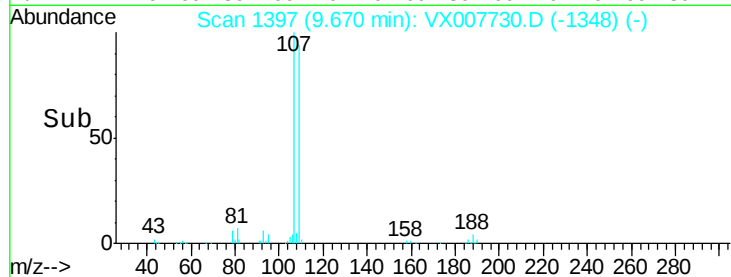
9.67

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.591 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

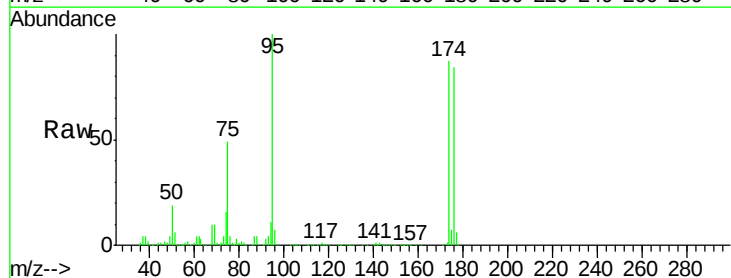
Tgt Ion: 95 Resp: 184074

Ion Ratio Lower Upper

95 100

174 92.6 0.0 189.2

176 89.7 0.0 186.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

200000

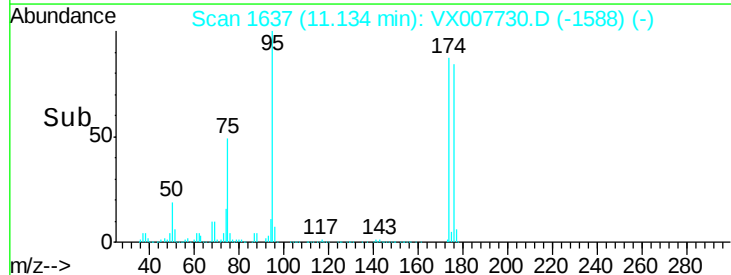
150000

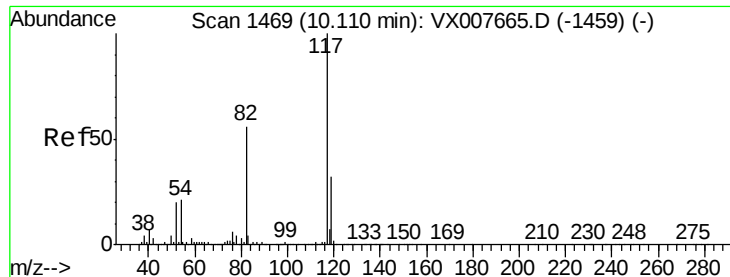
100000

50000

0

Time-->





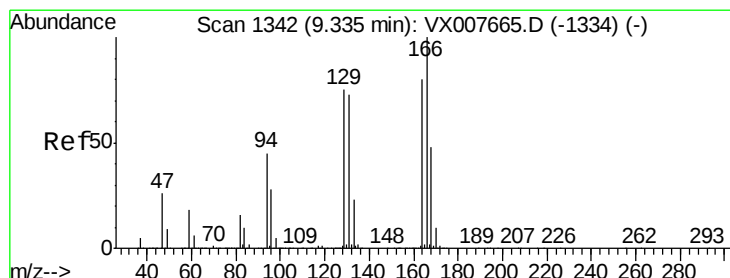
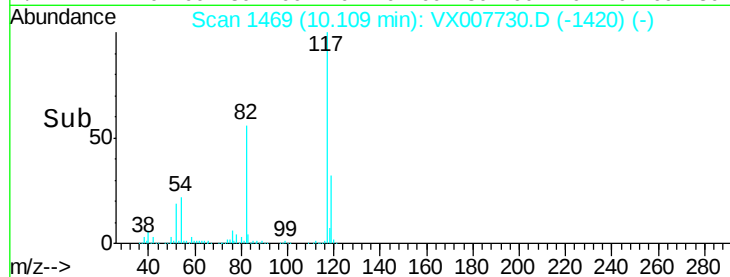
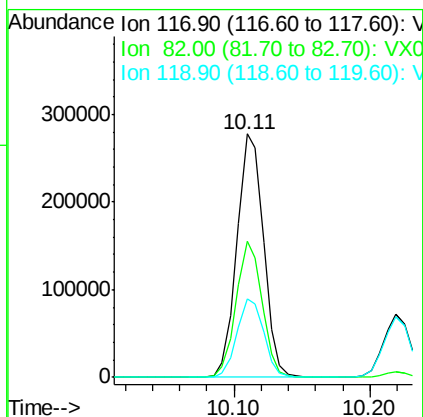
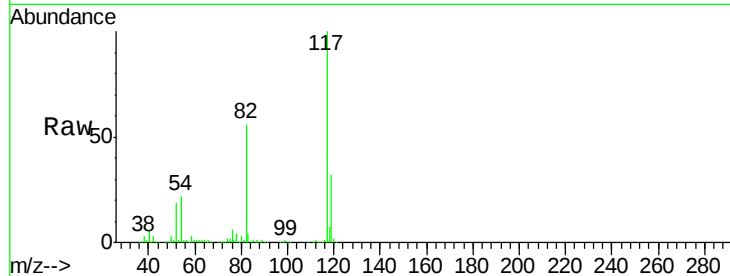
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	379880		
82	55.8	42.1	63.1	
119	32.1	26.5	39.7	

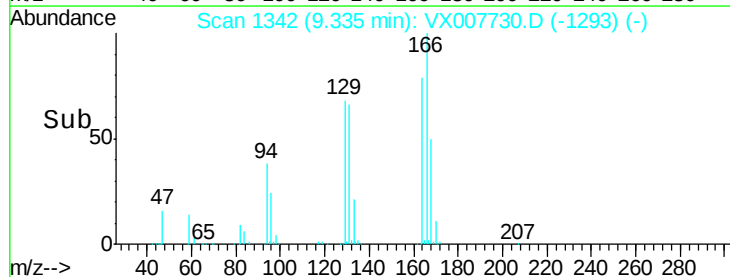
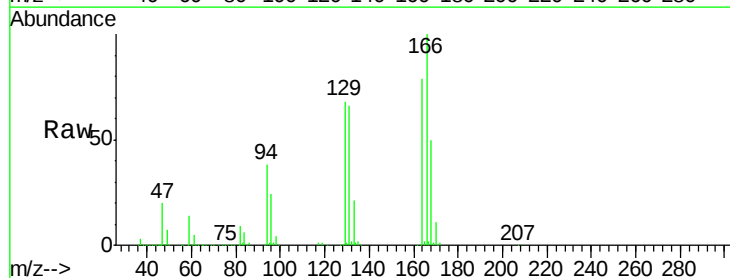
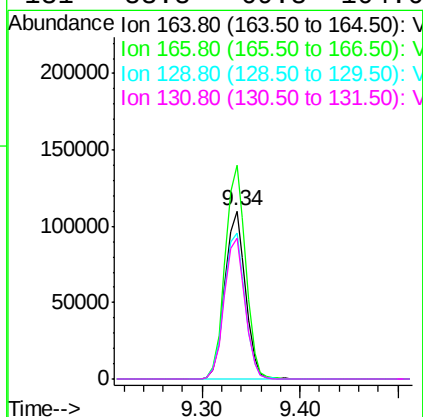
Manual Integrations
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#64
Tetrachloroethene
Concen: 51.748 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	159588		
166	126.9	101.0	151.4	
129	86.8	70.5	105.7	
131	83.8	69.8	104.6	





#65

Chlorobenzene

Concen: 47.749 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 392310

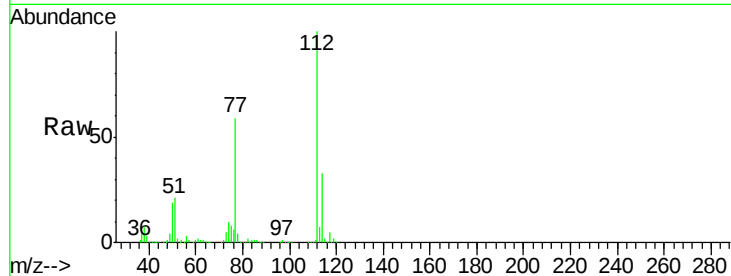
Ion Ratio Lower Upper

112 100

114 32.8 25.8 38.6

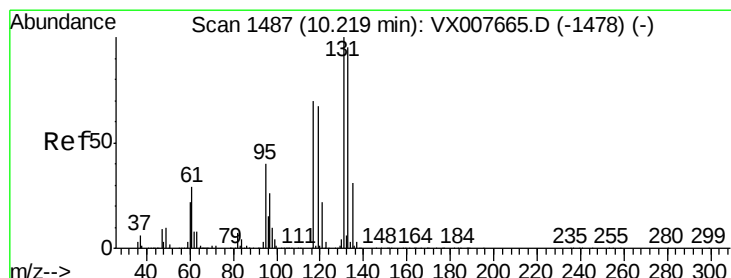
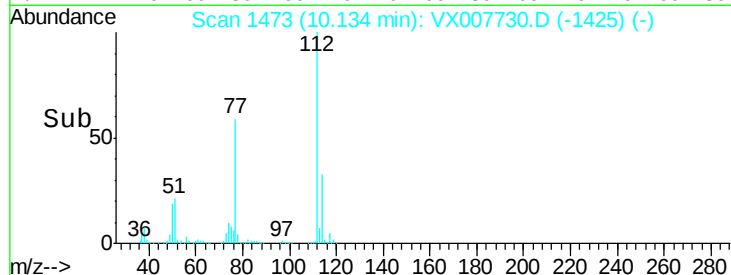
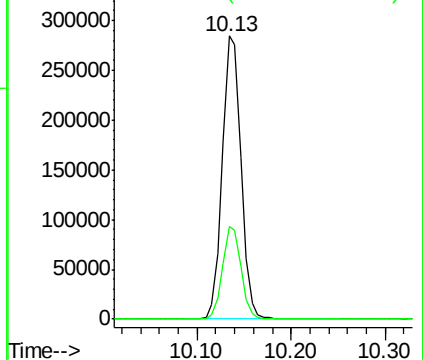
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.979 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

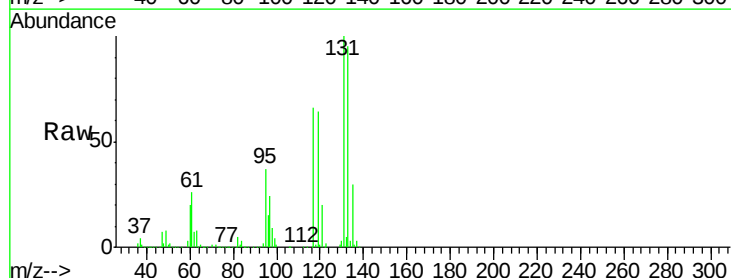
Tgt Ion:131 Resp: 146104

Ion Ratio Lower Upper

131 100

133 94.6 48.0 144.2

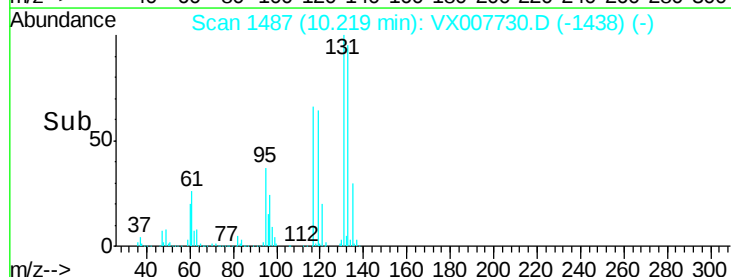
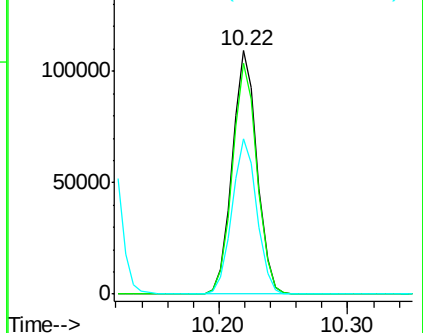
119 64.1 32.0 96.0

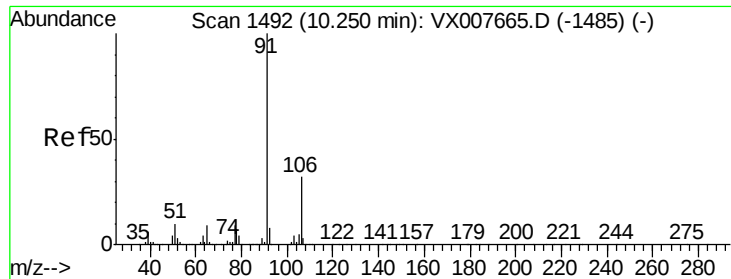


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 48.897 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 665499

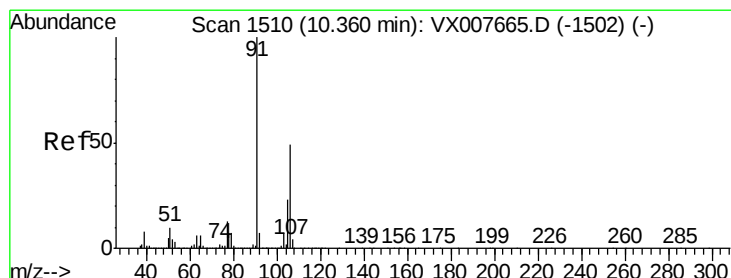
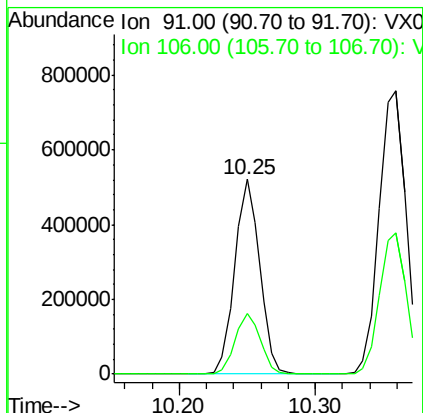
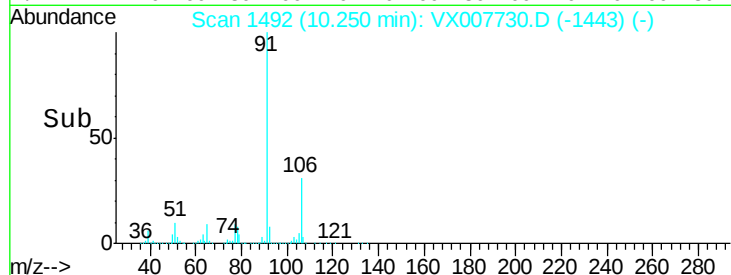
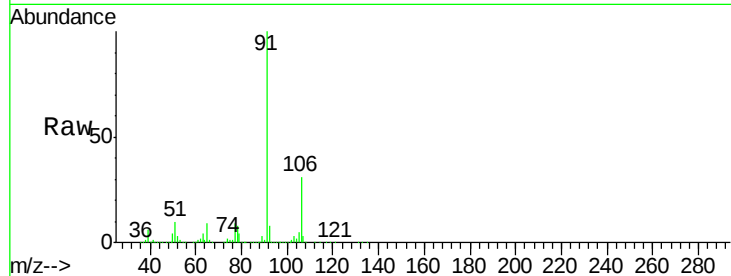
Ion Ratio Lower Upper

91 100

106 31.3 25.4 38.0

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#68

m/p-Xylenes

Concen: 97.824 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007730.D

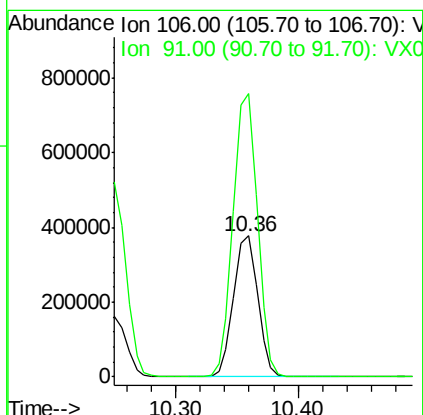
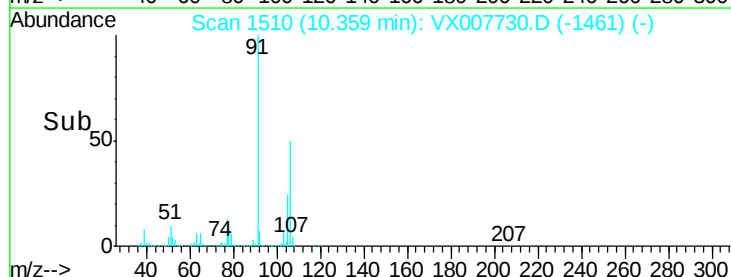
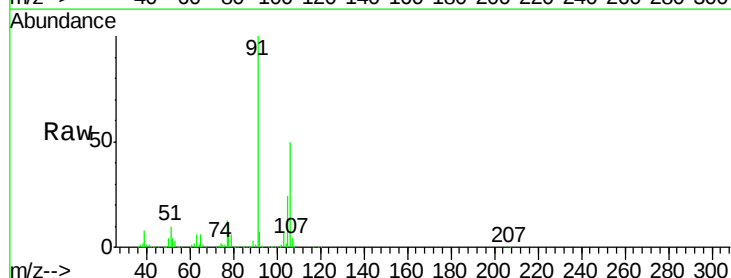
Acq: 27 Feb 2019 13:16

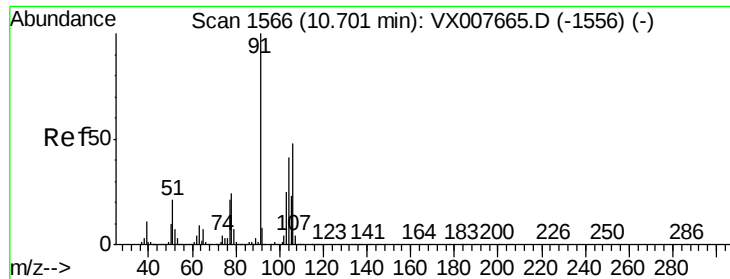
Tgt Ion: 106 Resp: 517960

Ion Ratio Lower Upper

106 100

91 202.0 156.6 234.8





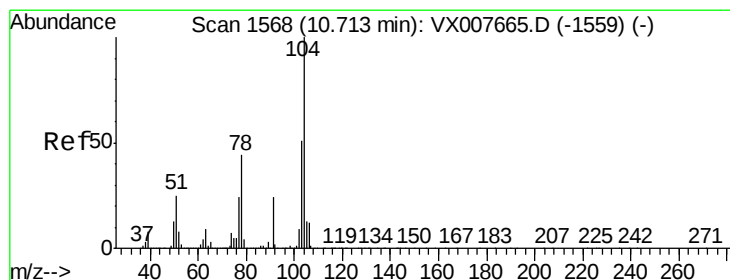
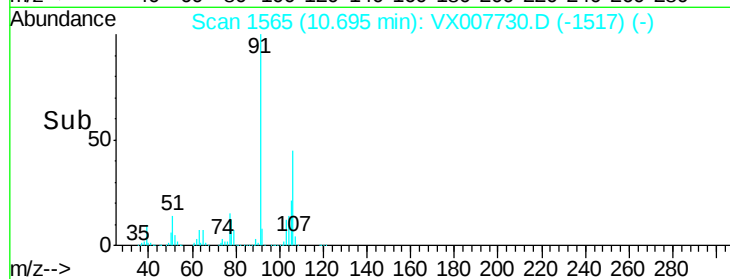
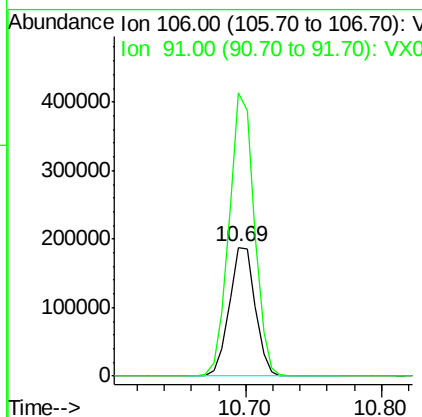
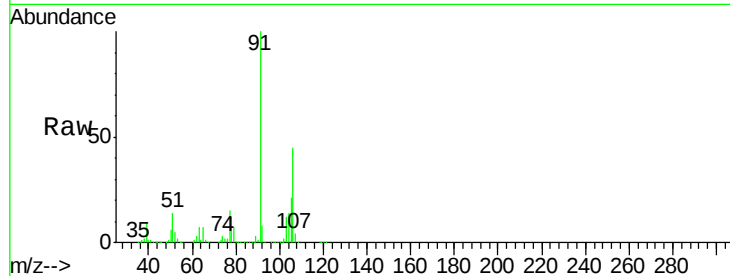
#69
o-Xylene
Concen: 49.100 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	213.2	102.9	308.7

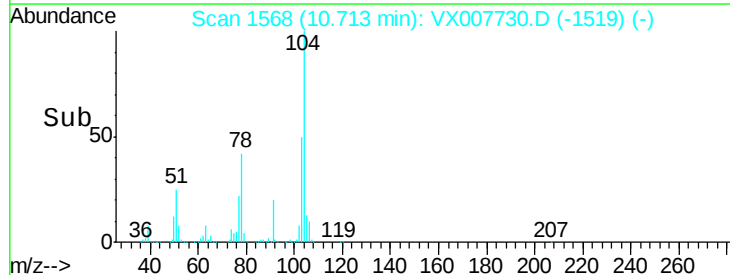
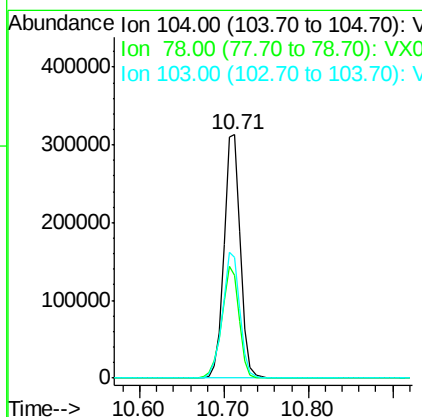
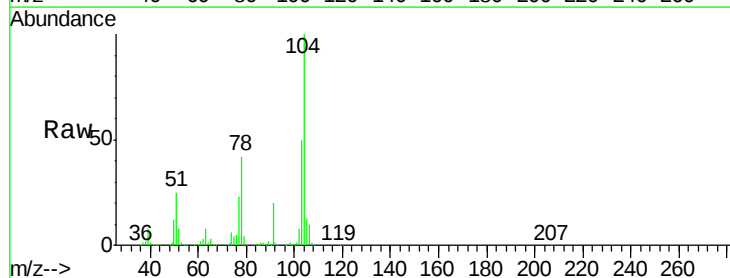
Manual Integrations
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#70
Styrene
Concen: 50.129 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.8	38.3	57.5
103	54.9	44.6	67.0





#71

Bromoform

Concen: 56.925 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :

MSVOA_X

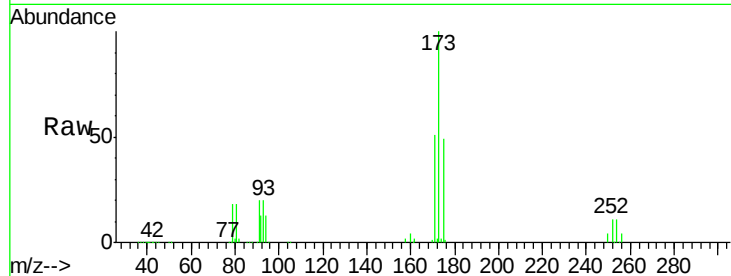
ClientSampleId :

VSTDCCC050

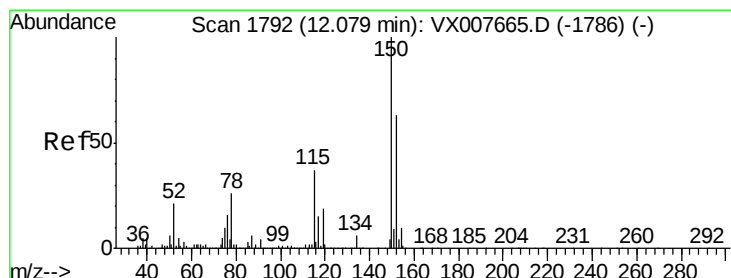
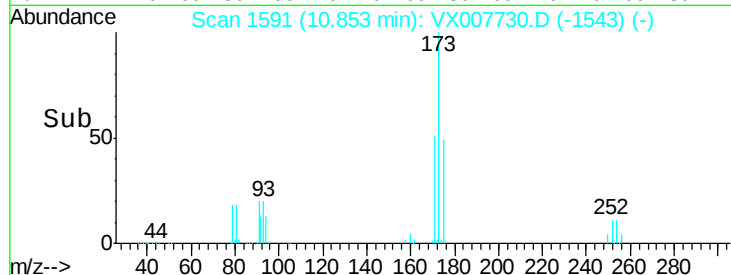
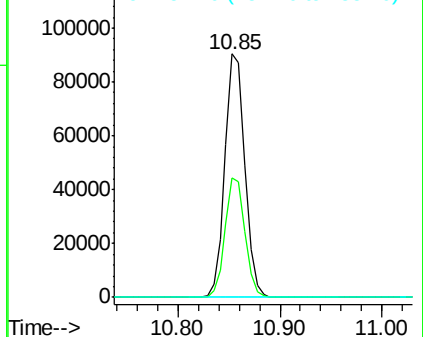
Tot Ion:	173	Resp:	122339
Ion Ratio	Lower	Upper	
173	100		
175	48.9	24.2	72.6
254	0.2	0.2	0.2

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

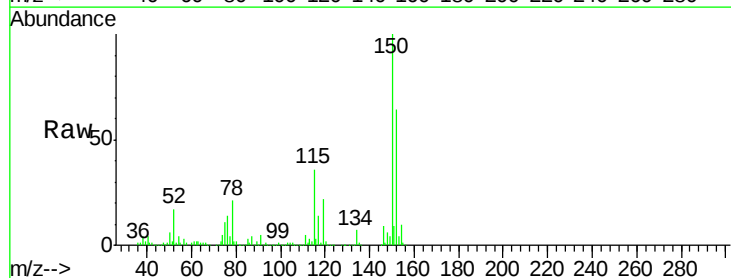
RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

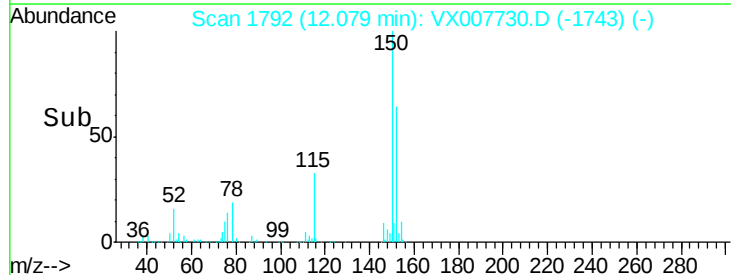
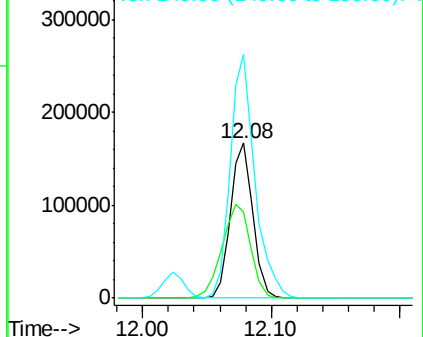
Lab File: VX007730.D

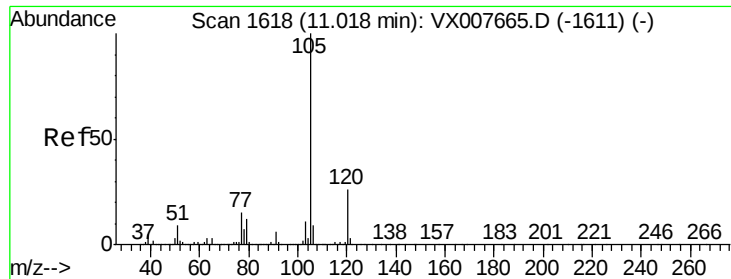
Acq: 27 Feb 2019 13:16

Tgt Ion:	152	Resp:	203515
Ion Ratio	Lower	Upper	
152	100		
115	76.8	38.0	114.0
150	172.4	0.0	346.4



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: 46.191 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 671874

Ion Ratio Lower Upper

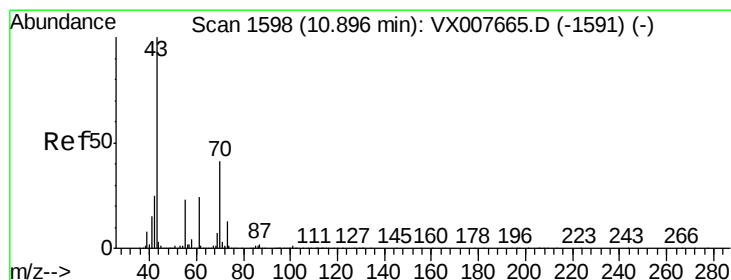
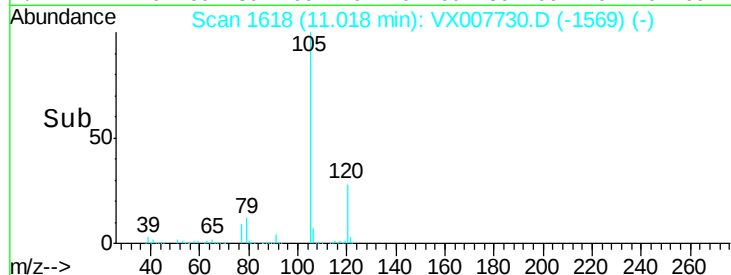
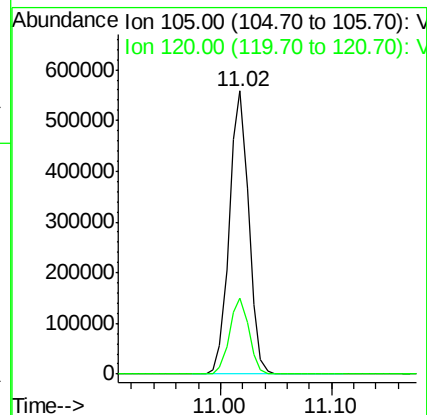
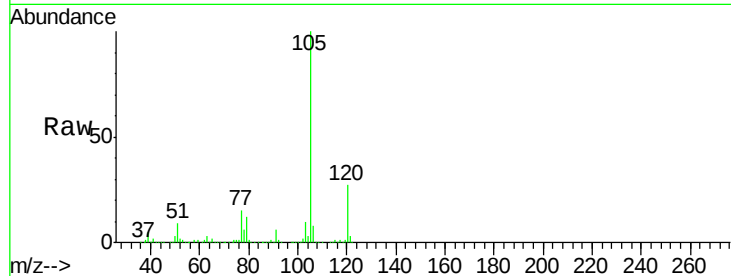
105 100

120 27.0 13.6 40.7

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#74

N-ethyl acetate

Concen: 49.716 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Tgt Ion: 43 Resp: 314028

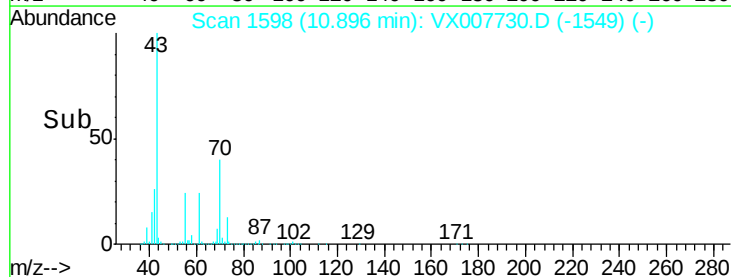
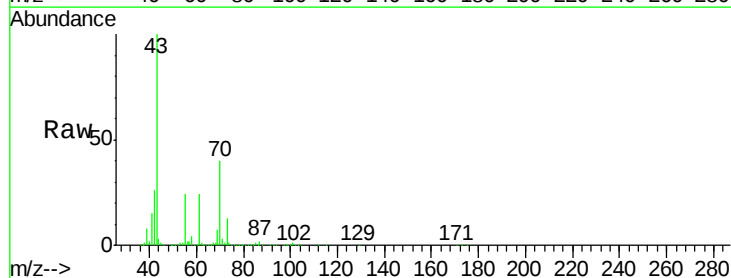
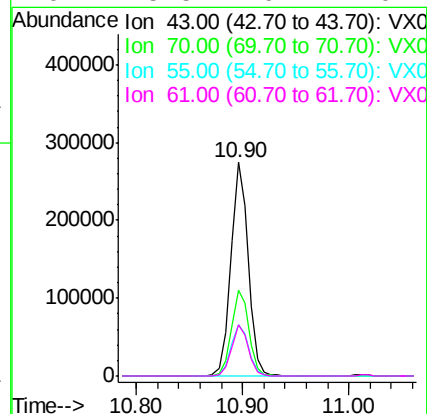
Ion Ratio Lower Upper

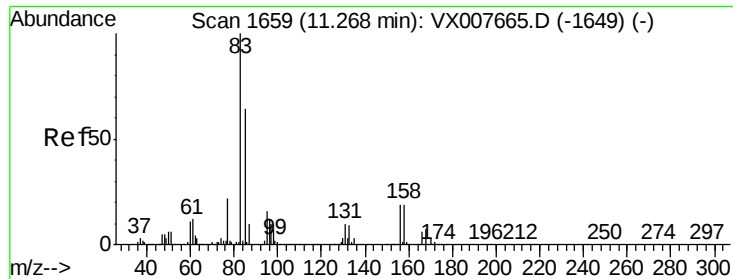
43 100

70 40.8 33.8 50.6

55 24.7 19.5 29.3

61 23.5 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 43.776 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :

MSVOA_X

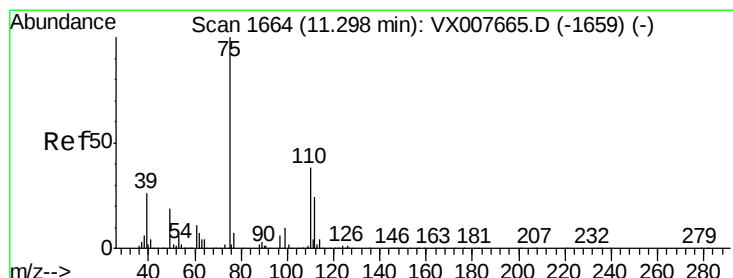
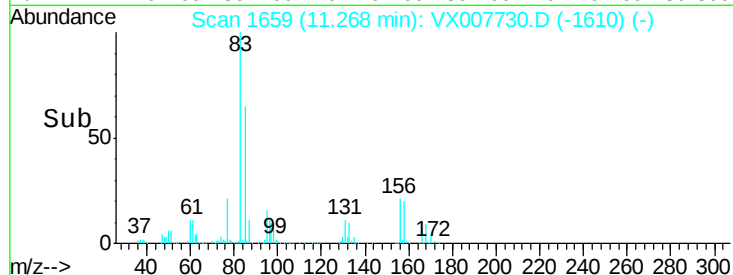
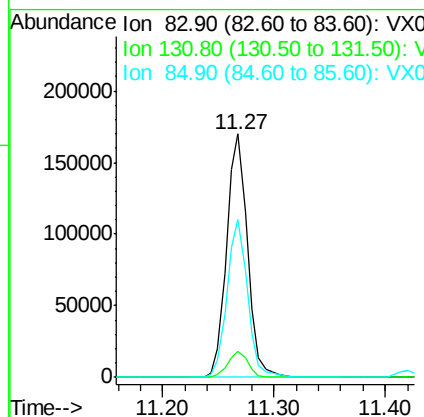
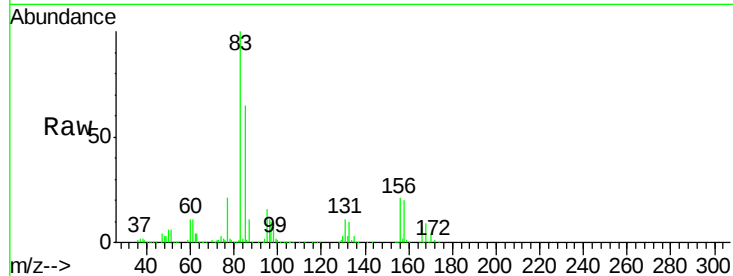
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	220228
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.7	17.0
85	63.7	32.8	98.3

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#76

1,2,3-Trichloropropane

Concen: 43.850 ug/l m

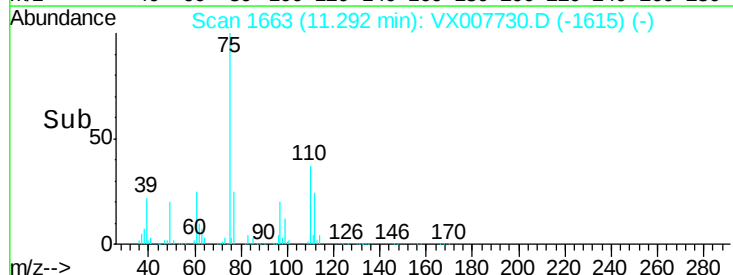
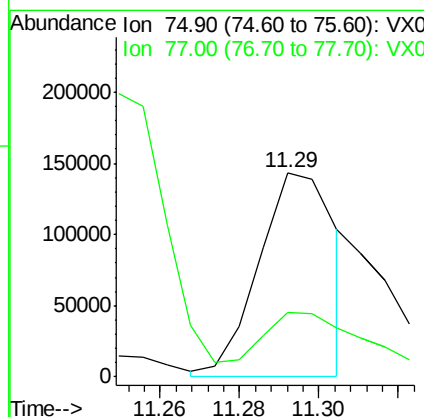
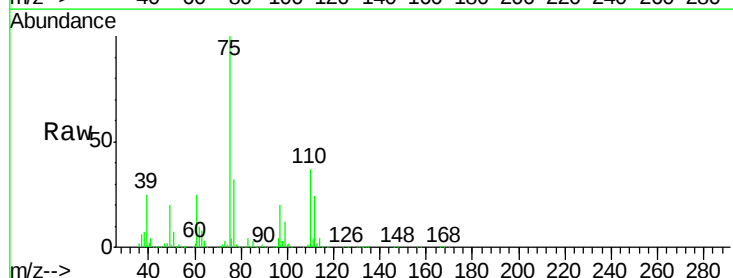
RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Tgt Ion:	75	Resp:	190221
Ion Ratio	Lower	Upper	
75	100		
77	44.4	23.0	69.0





#77

Bromobenzene

Concen: 49.780 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :

MSVOA_X

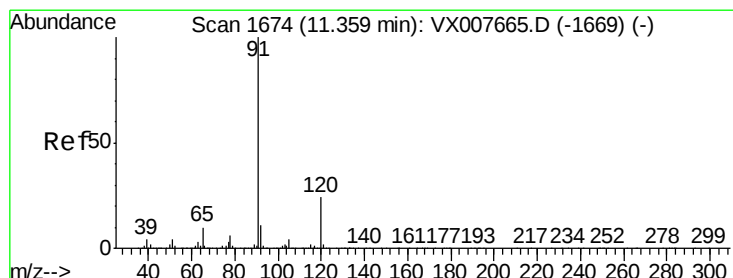
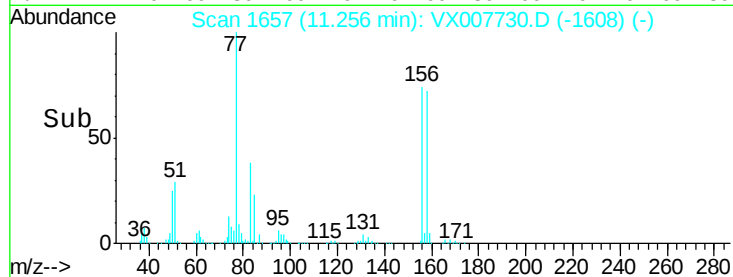
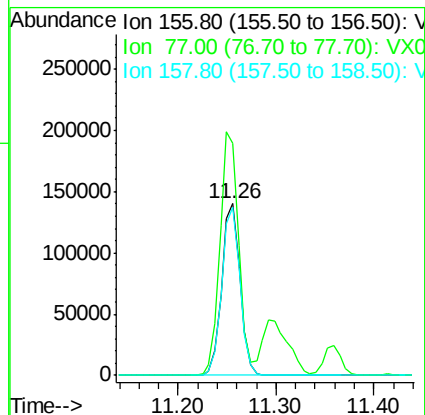
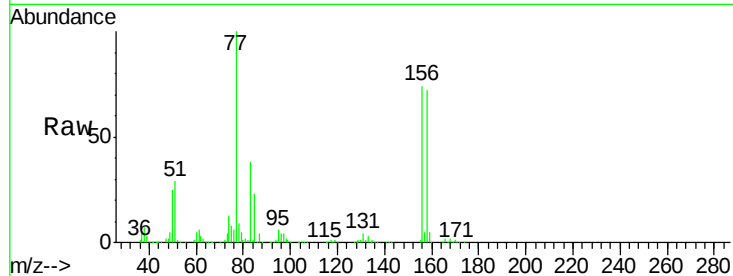
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	144.1	66.8	200.6
158	97.3	47.9	143.8

Manual Integrations
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#78

n-propylbenzene

Concen: 46.471 ug/l

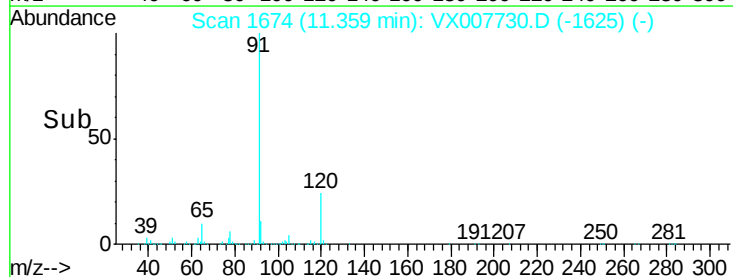
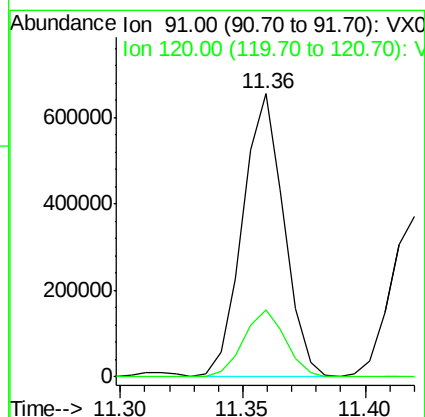
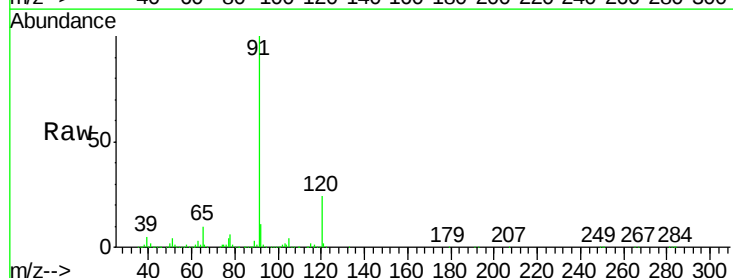
RT: 11.36 min Scan# 1674

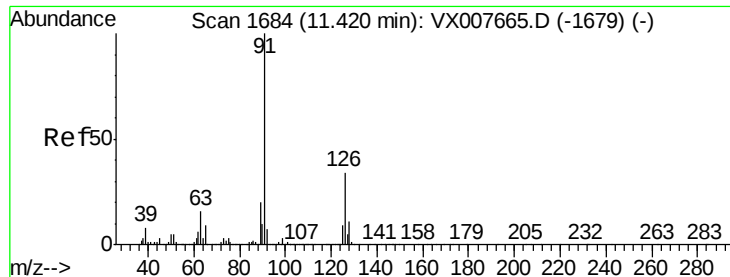
Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.0	12.4	37.2





#79

2-Chlorotoluene

Concen: 45.454 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 449853

Ion Ratio Lower Upper

91 100

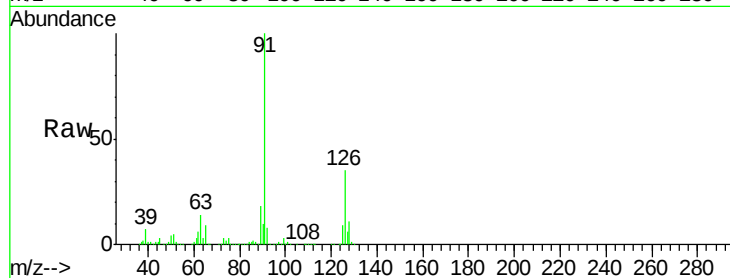
126 35.3 18.7 56.1

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Abundance Ion 91.00 (90.70 to 91.70): VX007730.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX007730.D (-1679) (-)

600000

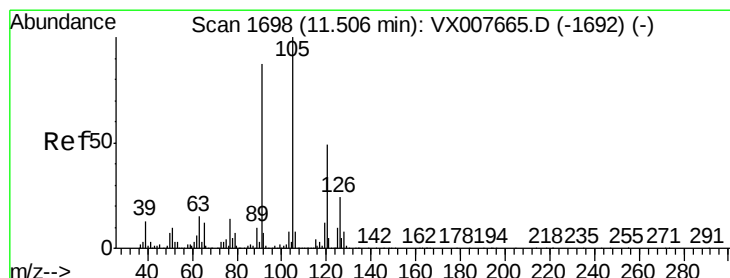
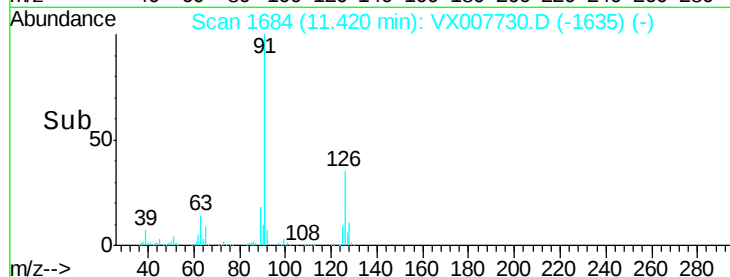
400000

200000

0

11.40 11.42 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 46.886 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007730.D

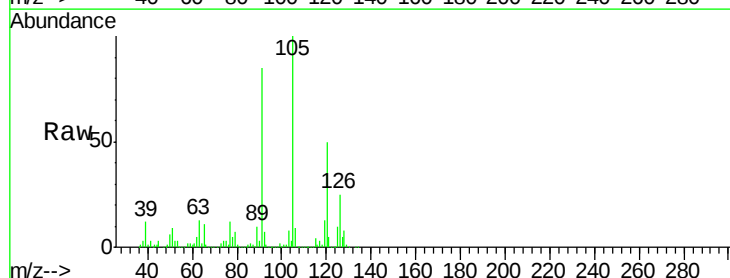
Acq: 27 Feb 2019 13:16

Tgt Ion: 105 Resp: 560970

Ion Ratio Lower Upper

105 100

120 49.6 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VX007730.D (-1649) (-)

Ion 120.00 (119.70 to 120.70): VX007730.D (-1649) (-)

500000

400000

300000

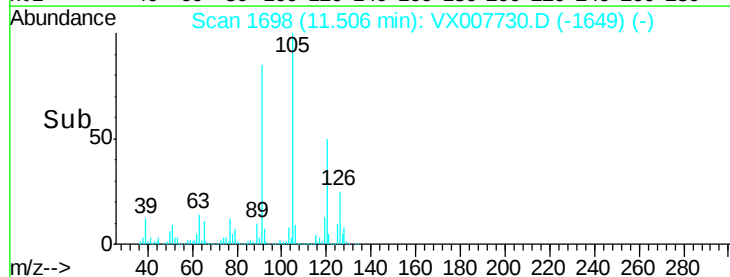
200000

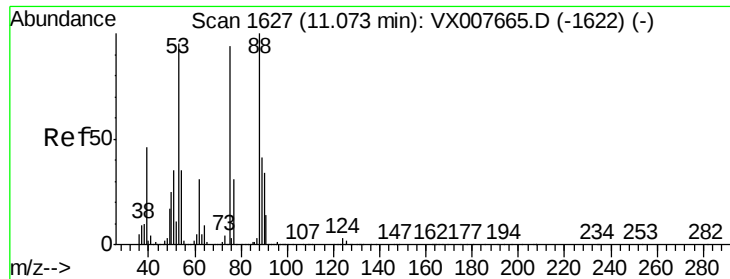
100000

0

11.40 11.50 11.60 11.70

Time-->





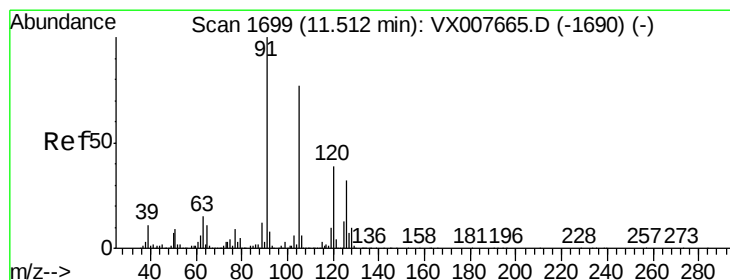
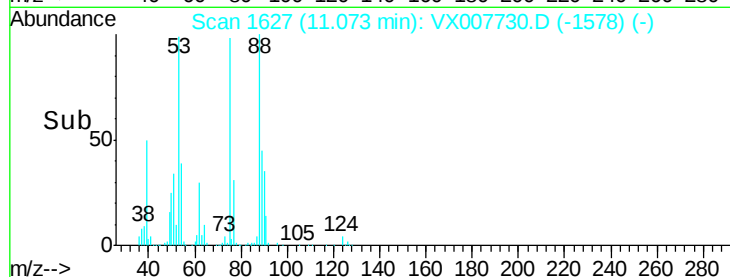
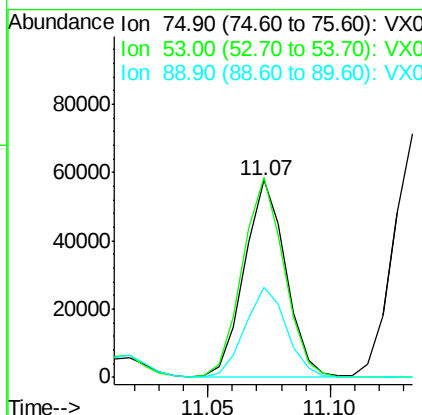
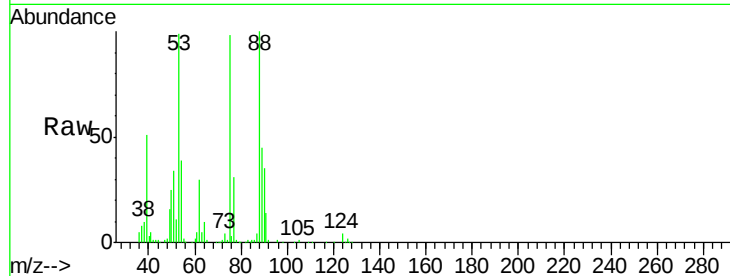
#81
trans-1,4-Dichloro-2-butene
Concen: 42.327 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.0	81.0	121.6
89	46.5	41.4	62.0

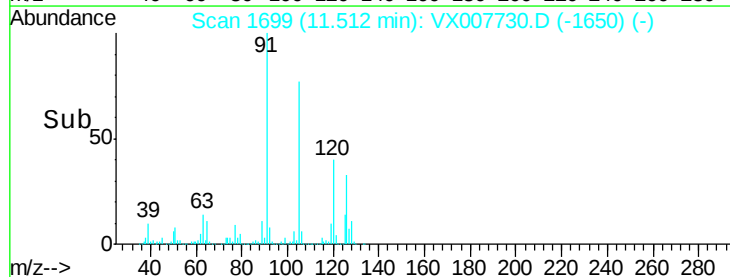
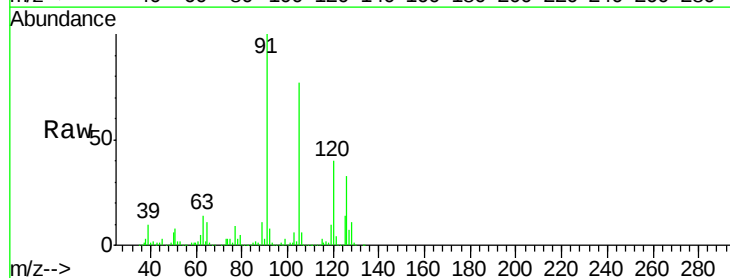
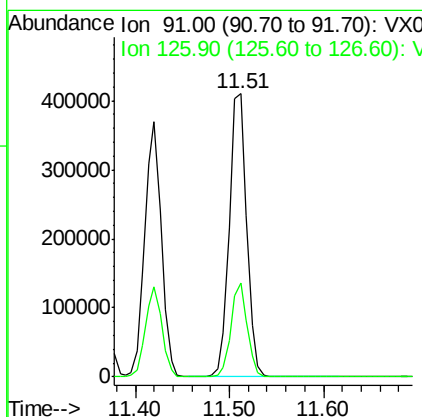
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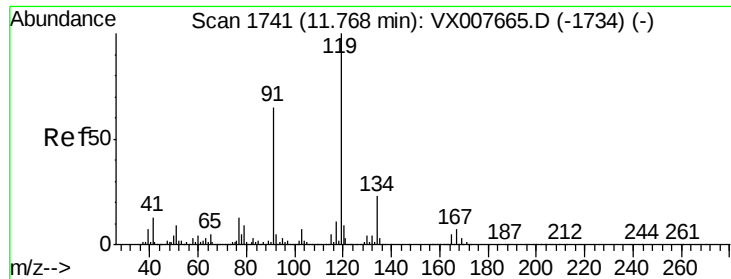
MMDadoda
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#82
4-Chlorotoluene
Concen: 45.542 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	16.2	48.5





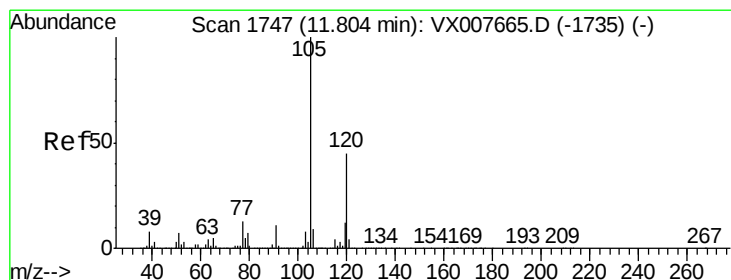
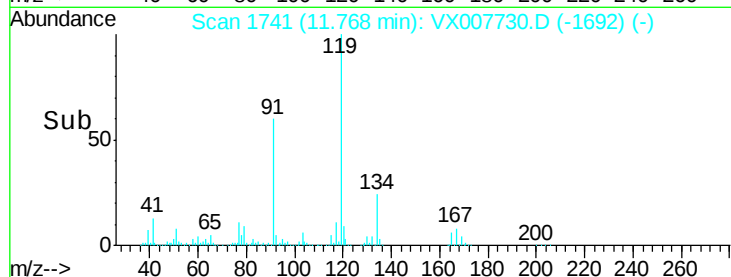
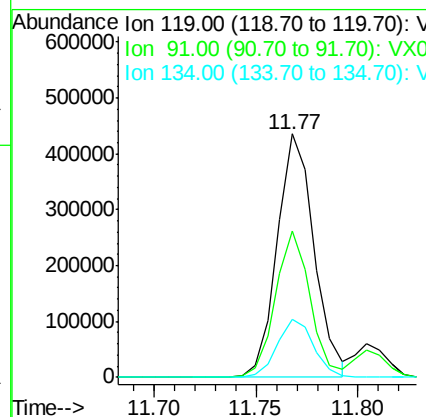
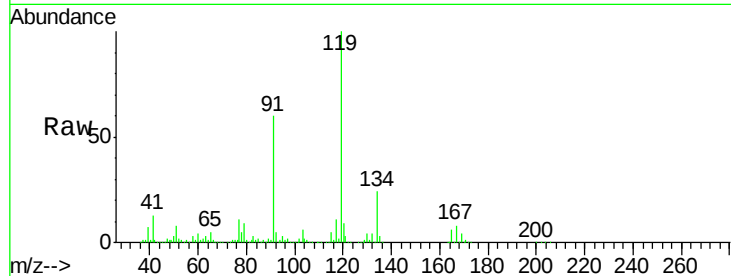
#83
tert-Butylbenzene
Concen: 47.865 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	549855		
91	56.6	28.5	85.6	
134	23.4	12.0	36.0	

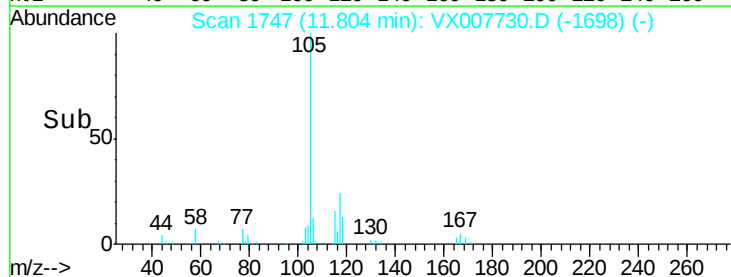
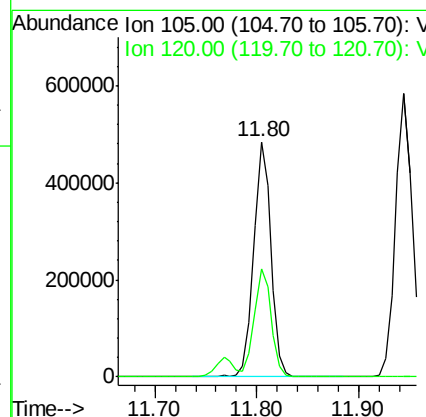
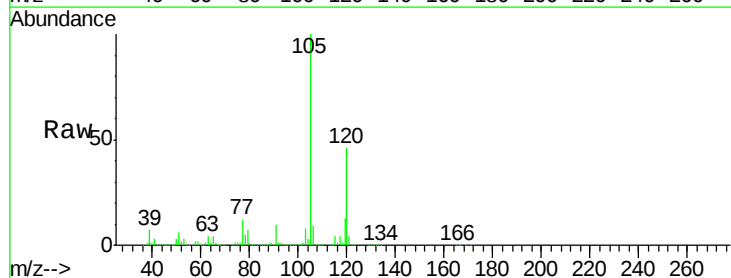
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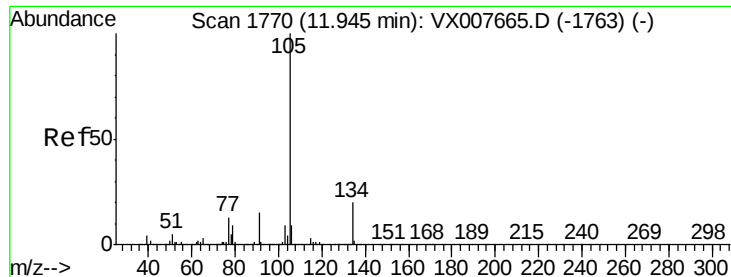
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 46.933 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	574380		
120	45.0	23.1	69.3	





#85

sec-Butylbenzene

Concen: 46.953 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 675890

Ion Ratio Lower Upper

105 100

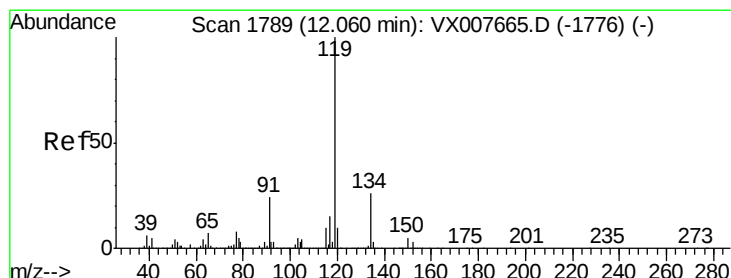
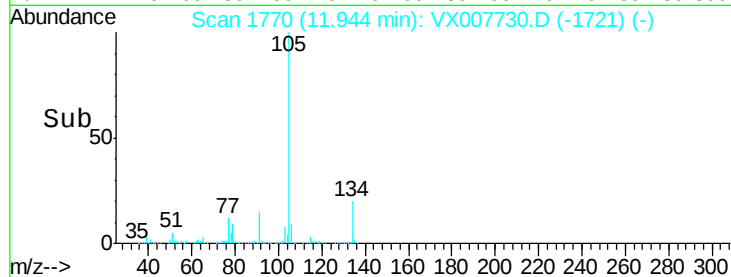
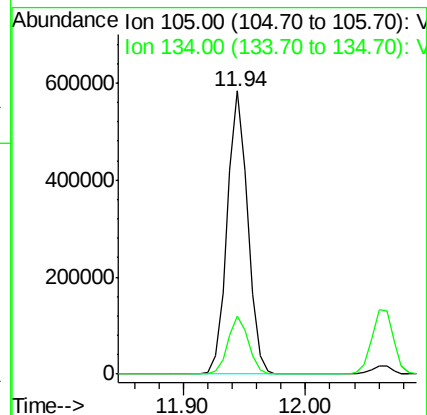
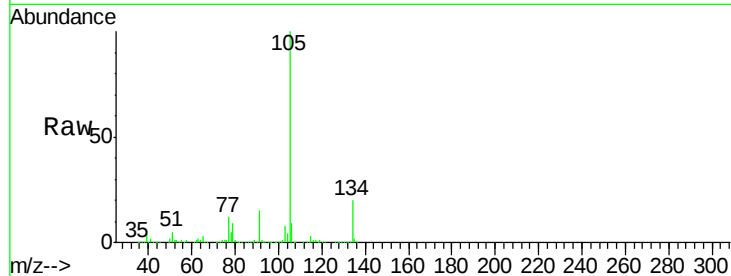
134 20.5 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 48.287 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

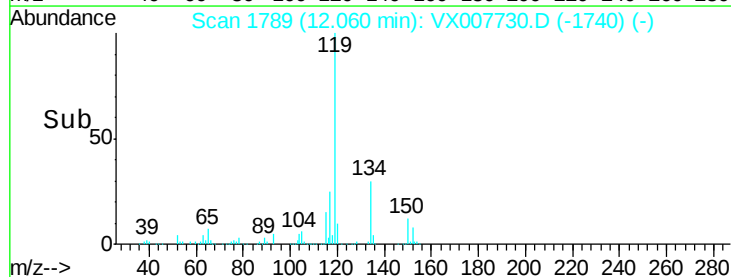
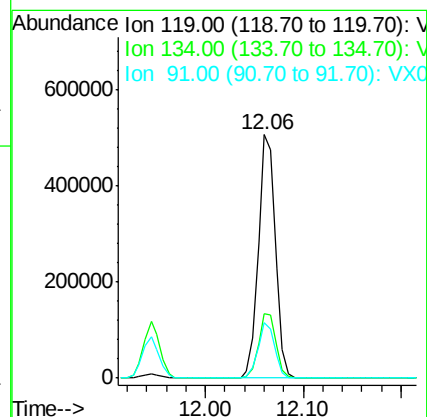
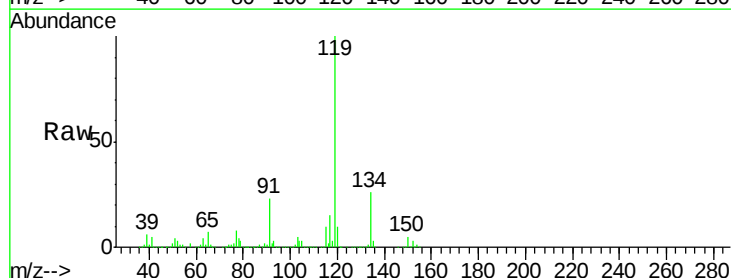
Tgt Ion:119 Resp: 608737

Ion Ratio Lower Upper

119 100

134 26.9 13.7 41.1

91 22.5 11.2 33.5





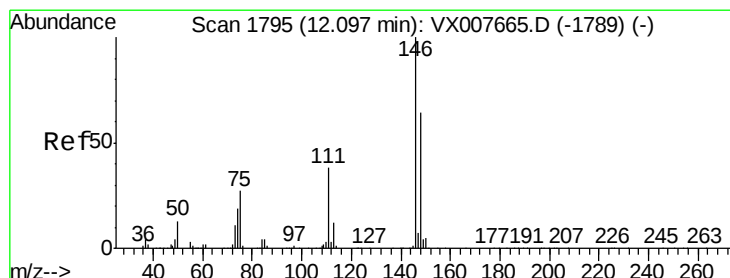
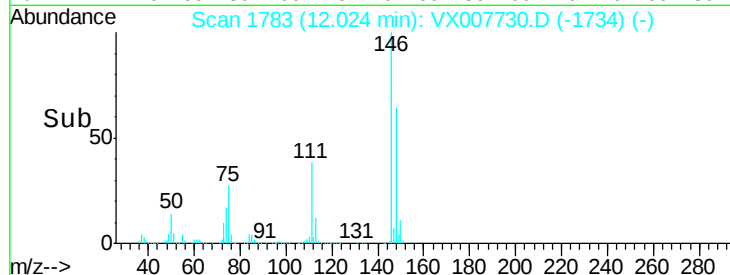
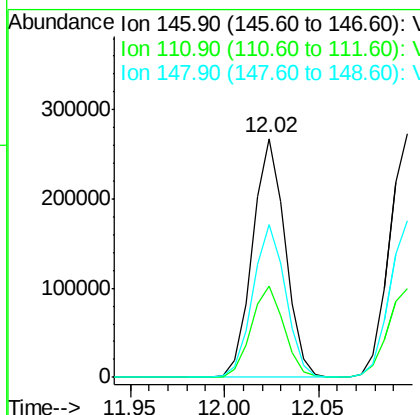
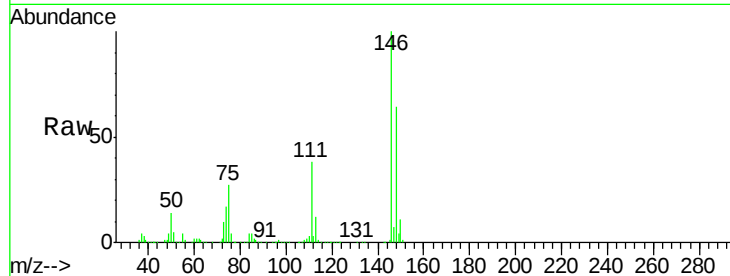
#87
 1,3-Dichlorobenzene
 Concen: 47.544 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007730.D
 Acq: 27 Feb 2019 13:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.1	54.1
148	64.1	32.0	96.2

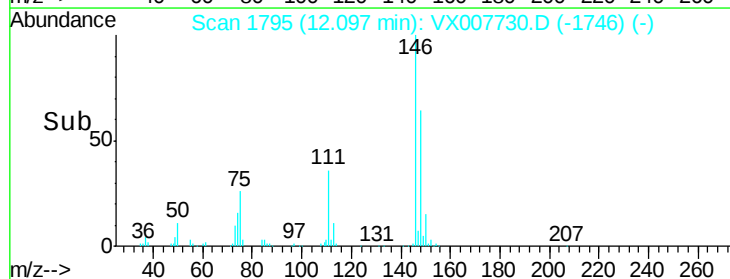
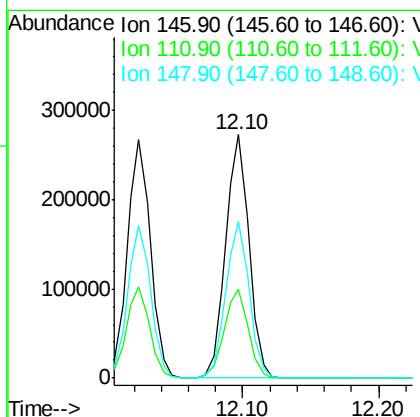
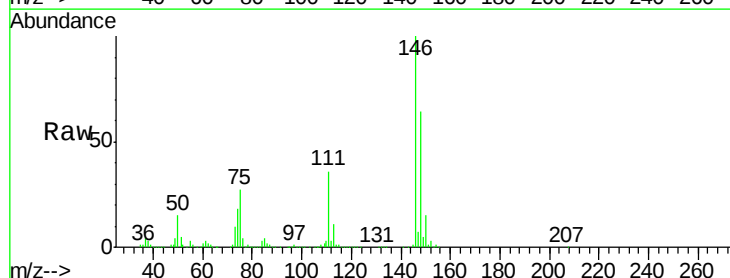
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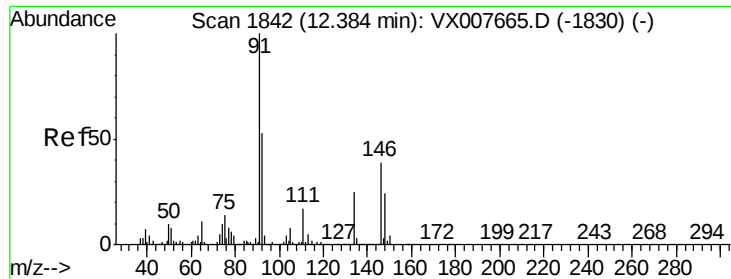
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#88
 1,4-Dichlorobenzene
 Concen: 46.787 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007730.D
 Acq: 27 Feb 2019 13:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.1	54.1
148	64.5	32.3	96.9





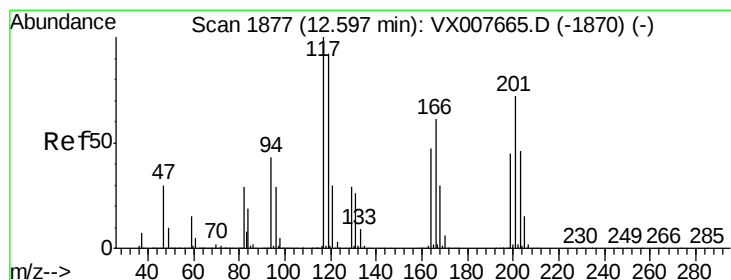
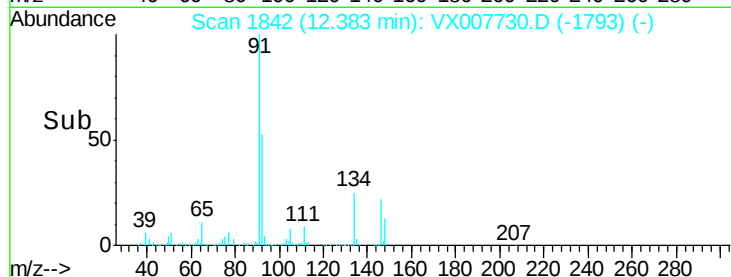
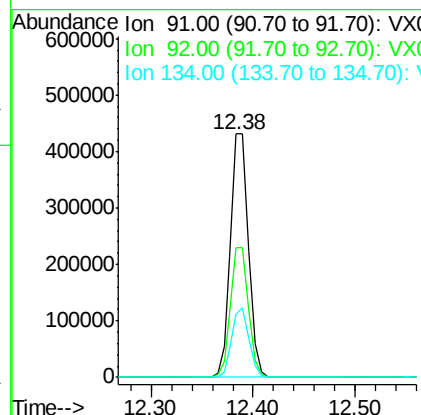
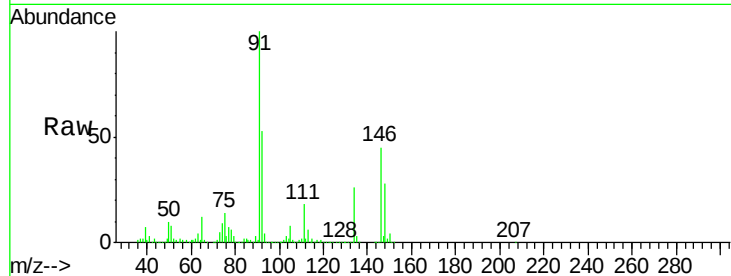
#89
n-Butylbenzene
Concen: 46.691 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.3	78.9
134	27.2	13.9	41.6

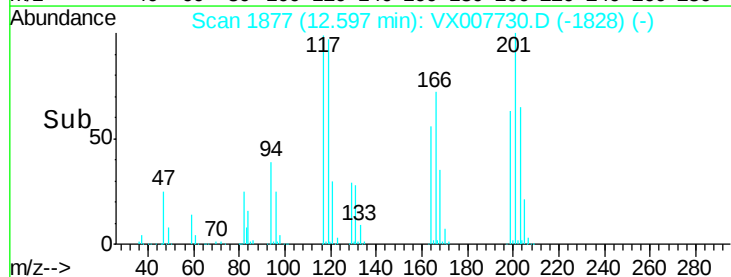
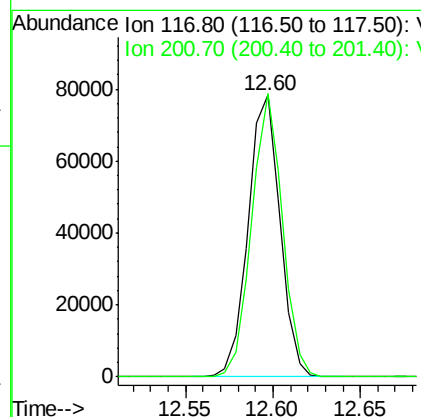
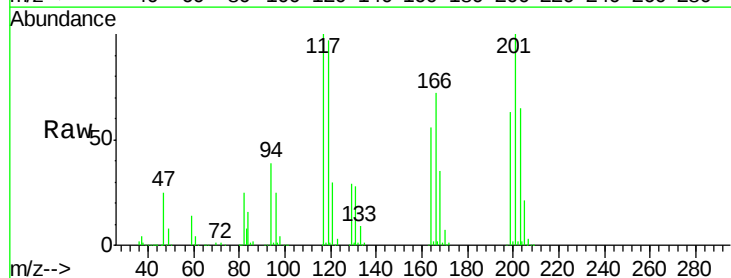
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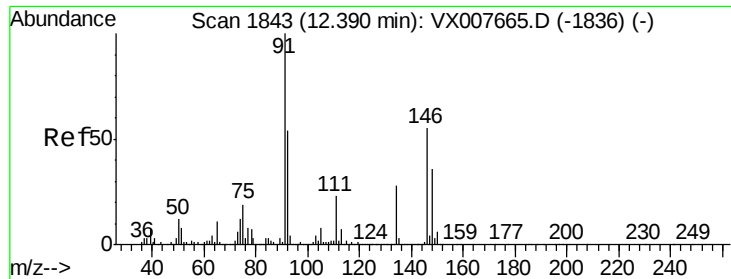
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#90
Hexachloroethane
Concen: 46.491 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Tgt Ion	Ratio	Lower	Upper
117	100		
201	96.8	44.9	134.7





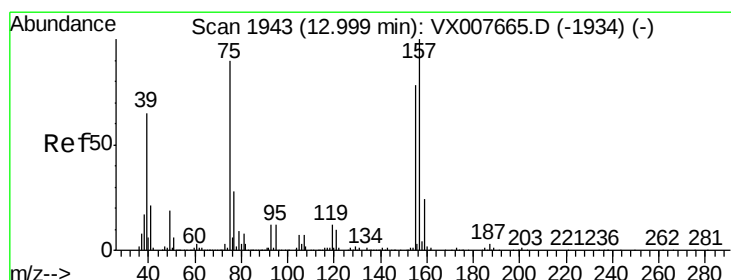
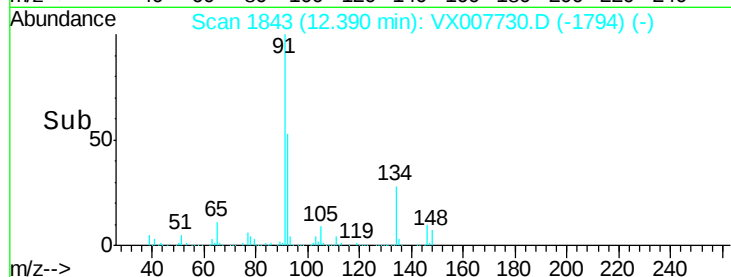
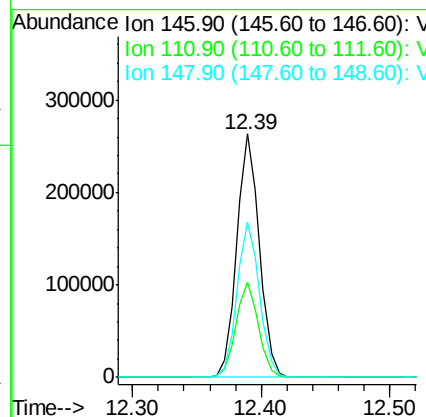
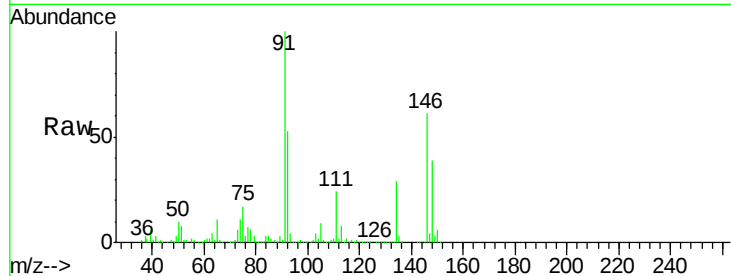
#91
 1,2-Dichlorobenzene
 Concen: 47.609 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007730.D
 Acq: 27 Feb 2019 13:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	322364		
111	39.1	19.1	57.3	
148	63.7	32.1	96.3	

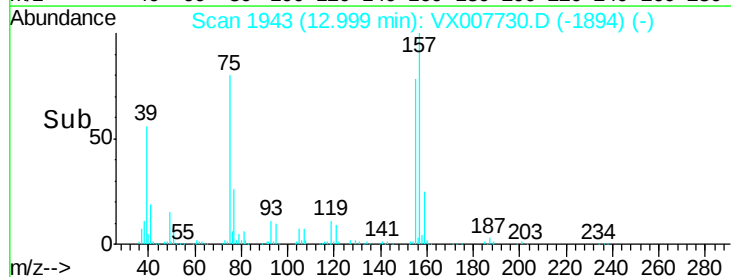
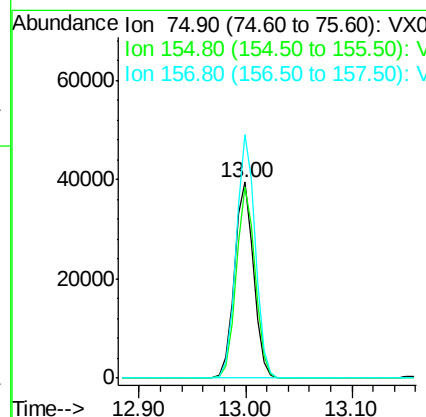
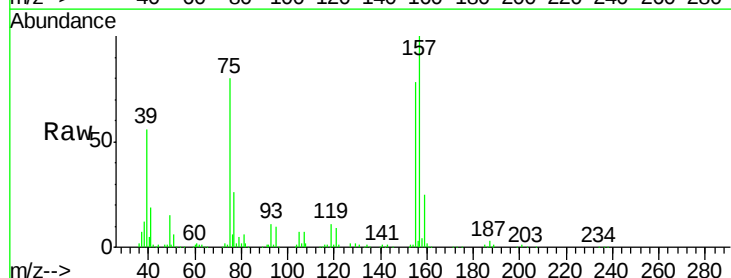
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.523 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007730.D
 Acq: 27 Feb 2019 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	49900		
155	95.9	49.6	149.0	
157	123.0	65.1	195.3	





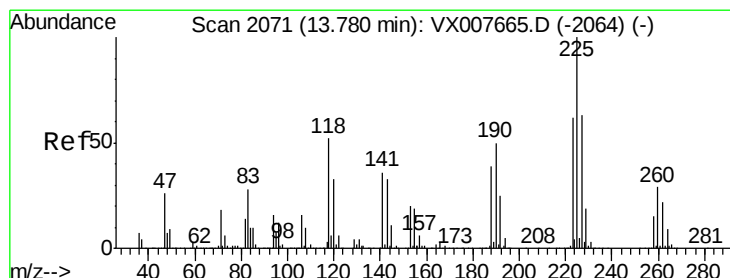
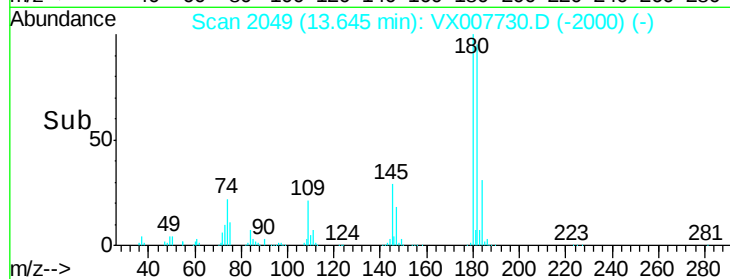
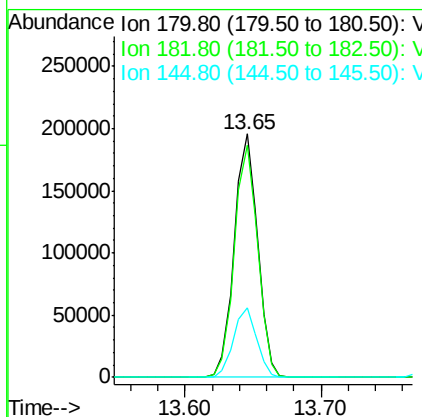
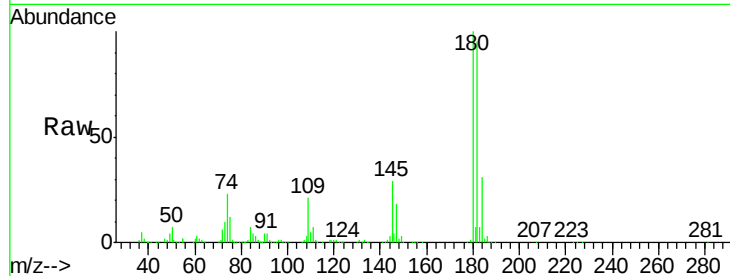
#93
 1,2,4-Trichlorobenzene
 Concen: 56.702 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007730.D
 Acq: 27 Feb 2019 13:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	234359		
182	95.3	47.8	143.3	
145	28.3	14.1	42.2	

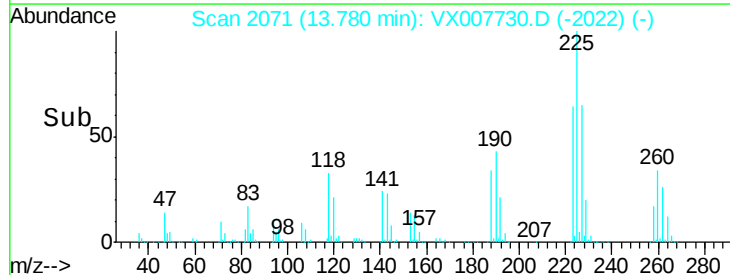
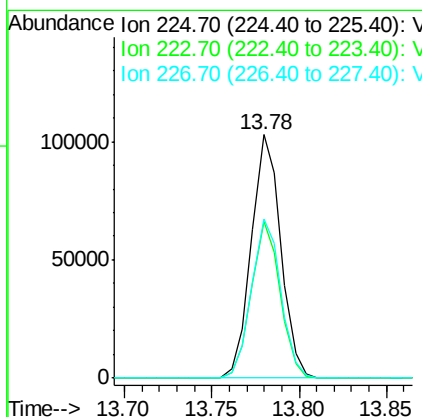
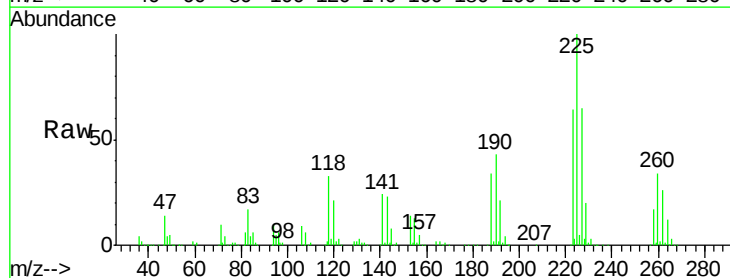
Manual Integrations
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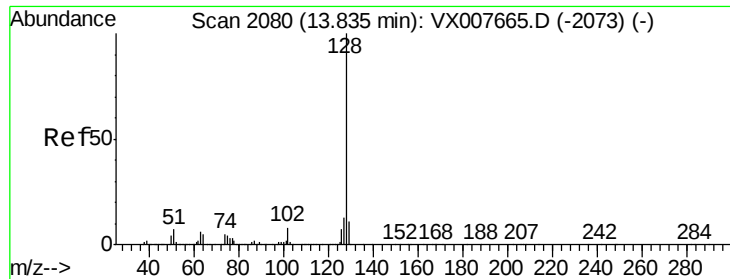
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#94
 Hexachlorobutadiene
 Concen: 63.663 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007730.D
 Acq: 27 Feb 2019 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	120373		
223	62.8	31.6	94.8	
227	65.4	32.1	96.3	





#95

Naphthalene

Concen: 51.834 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :

MSVOA_X

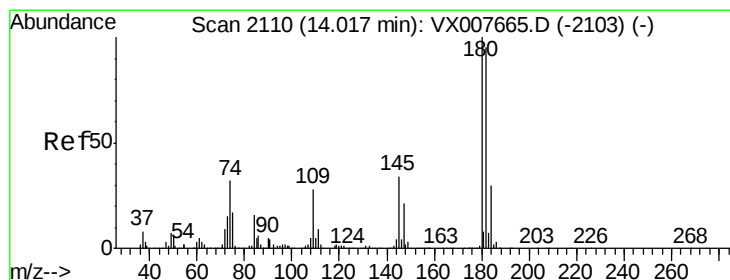
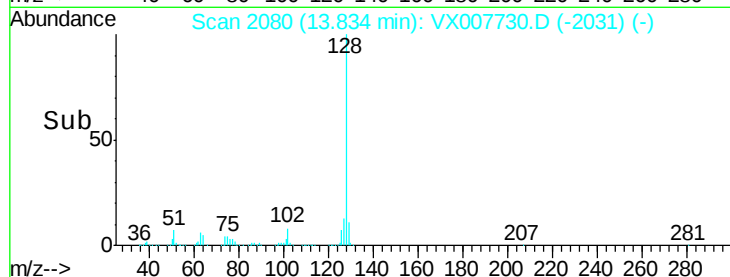
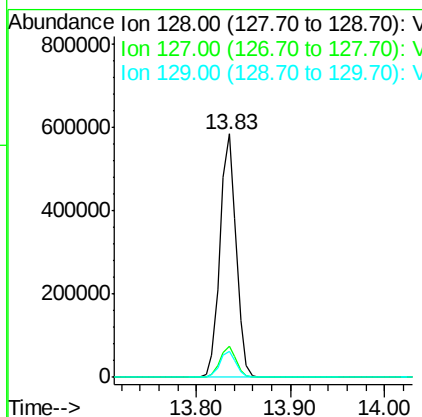
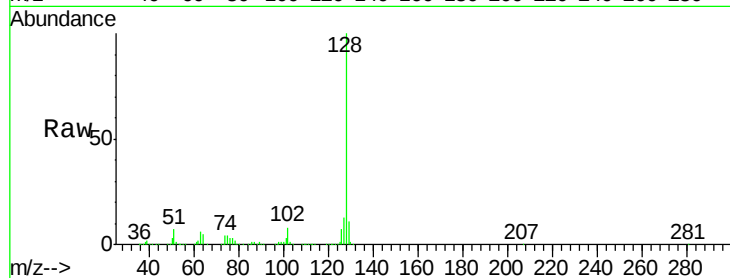
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	694095
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.5	15.7
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/28/2019 12:35:27 PM



#96

1,2,3-Trichlorobenzene

Concen: 56.283 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Tgt Ion:	180	Resp:	233579
Ion Ratio	Lower	Upper	
180	100		
182	95.5	47.5	142.6
145	29.7	14.9	44.5

