

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022619\
 Data File : VX007710.D
 Acq On : 26 Feb 2019 13:32
 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
 2/27/2019 10:06:51 AM

Quant Time: Feb 26 15:34:07 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	5.67	168	359211	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	559117	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	509713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	259397	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	208625	46.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.78%	
35) Dibromofluoromethane	5.50	113	185749	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
50) Toluene-d8	8.71	98	700915	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
62) 4-Bromofluorobenzene	11.13	95	252980	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	168022	50.777	ug/l 98
3) Chloromethane	1.33	50	171003	46.634	ug/l 100
4) Vinyl Chloride	1.41	62	178595	47.473	ug/l 100
5) Bromomethane	1.64	94	119490	50.439	ug/l 97
6) Chloroethane	1.71	64	121827	50.687	ug/l 100
7) Trichlorofluoromethane	1.93	101	284409	49.314	ug/l 100
8) Diethyl Ether	2.19	74	109682	46.340	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	168051	48.210	ug/l 93
10) Methyl Iodide	2.51	142	224023	51.613	ug/l 98
11) Tert butyl alcohol	3.08	59	194178	230.008	ug/l 100
12) 1,1-Dichloroethene	2.37	96	153066	48.715	ug/l 97
13) Acrolein	2.30	56	236220	314.881	ug/l 100
14) Allyl chloride	2.73	41	275361	47.396	ug/l 98
15) Acrylonitrile	3.15	53	472216	237.687	ug/l 100
16) Acetone	2.45	43	501683	253.543	ug/l 98
17) Carbon Disulfide	2.57	76	423830	48.484	ug/l 99
18) Methyl Acetate	2.78	43	206046	47.721	ug/l 98
19) Methyl tert-butyl Ether	3.20	73	530847	48.515	ug/l 98
20) Methylene Chloride	2.86	84	170249	46.596	ug/l 99
21) trans-1,2-Dichloroethene	3.17	96	163505	47.866	ug/l 97
22) Diisopropyl ether	3.87	45	562720	46.528	ug/l 96
23) Vinyl Acetate	3.82	43	2503026	235.889	ug/l 99
24) 1,1-Dichloroethane	3.70	63	307123	46.725	ug/l 100
25) 2-Butanone	4.70	43	721185	239.274	ug/l 100
26) 2,2-Dichloropropane	4.58	77	249712	47.593	ug/l 98
27) cis-1,2-Dichloroethene	4.59	96	202276	46.539	ug/l 99
28) Bromochloromethane	5.02	49	147796	46.187	ug/l 95
29) Tetrahydrofuran	5.15	42	455699	229.365	ug/l 99
30) Chloroform	5.21	83	327877	46.568	ug/l 95
31) Cyclohexane	5.57	56	290737	47.023	ug/l 97
32) 1,1,1-Trichloroethane	5.49	97	284204	48.808	ug/l 98
36) 1,1-Dichloropropene	5.80	75	245669	48.873	ug/l 98
37) Ethyl Acetate	4.85	43	260312	46.619	ug/l 98
38) Carbon Tetrachloride	5.78	117	246854	48.888	ug/l 93

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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	322785	50.809	ug/l	97
40) Benzene	6.14	78	750508	48.367	ug/l	100
41) Methacrylonitrile	5.06	41	144127	48.338	ug/l	99
42) 1,2-Dichloroethane	6.20	62	253874	48.678	ug/l	100
43) Isopropyl Acetate	6.46	43	417380	48.568	ug/l	99
44) Trichloroethene	7.21	130	205663	48.181	ug/l	97
45) 1,2-Dichloropropane	7.52	63	194197	48.314	ug/l	98
46) Dibromomethane	7.66	93	132356	47.200	ug/l	93
47) Bromodichloromethane	7.90	83	239408	49.266	ug/l	99
48) Methyl methacrylate	7.77	41	213135	47.314	ug/l	100
49) 1,4-Dioxane	7.75	88	92063	946.233	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1375014	239.030	ug/l	100
52) Toluene	8.79	92	479304	48.985	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	274886	45.752	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	297335	50.420	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	197533	48.411	ug/l	98
56) Ethyl methacrylate	9.18	69	285333	49.174	ug/l	99
57) 1,3-Dichloropropane	9.37	76	319727	48.950	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	870321	271.994	ug/l	98
59) 2-Hexanone	9.49	43	1078091	238.715	ug/l	100
60) Dibromochloromethane	9.59	129	202375	51.545	ug/l	98
61) 1,2-Dibromoethane	9.67	107	208263	49.160	ug/l	98
64) Tetrachloroethene	9.34	164	199616	48.241	ug/l	96
65) Chlorobenzene	10.14	112	536916	48.704	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	193198	50.241	ug/l	99
67) Ethyl Benzene	10.25	91	915829	50.150	ug/l	100
68) m/p-Xylenes	10.36	106	714689	100.597	ug/l	98
69) o-Xylene	10.69	106	345995	50.631	ug/l	99
70) Styrene	10.71	104	571604	50.888	ug/l	98
71) Bromoform	10.85	173	141206	48.968	ug/l	98
73) Isopropylbenzene	11.02	105	930620	50.197	ug/l	100
74) N-amyl acetate	10.90	43	388094	48.205	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	291465	45.455	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	238915m	43.210	ug/l	
77) Bromobenzene	11.26	156	227786	48.985	ug/l	90
78) n-propylbenzene	11.36	91	1083797	51.733	ug/l	97
79) 2-Chlorotoluene	11.42	91	618844	49.059	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	775015	50.821	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	90902	44.414	ug/l	94
82) 4-Chlorotoluene	11.51	91	740731	50.196	ug/l	98
83) tert-Butylbenzene	11.77	119	743813	50.800	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	795443	50.994	ug/l	98
85) sec-Butylbenzene	11.94	105	948520	51.696	ug/l	99
86) p-Isopropyltoluene	12.06	119	843799	52.513	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	424488	49.213	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	428718	48.532	ug/l	98
89) n-Butylbenzene	12.39	91	761722	53.155	ug/l	98
90) Hexachloroethane	12.60	117	137448	50.767	ug/l	86
91) 1,2-Dichlorobenzene	12.39	146	417931	48.426	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	63265	45.282	ug/l	88

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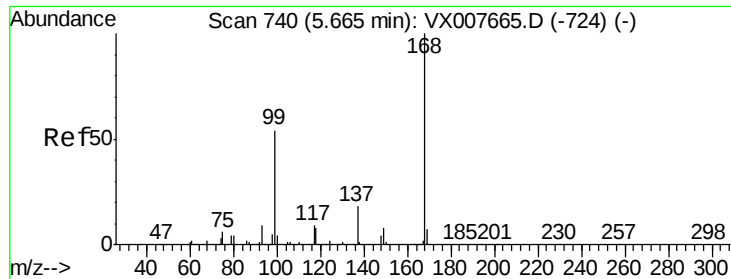
Manual Integrations
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2/27/2019 10:06:51 AM

Quant Time: Feb 26 15:34:07 2019
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	13.65	180	271179	51.476	ug/l	98
94) Hexachlorobutadiene	13.78	225	122421	50.798	ug/l	98
95) Naphthalene	13.83	128	893270	52.337	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	274834	51.957	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 359211

Ion Ratio Lower Upper

168 100

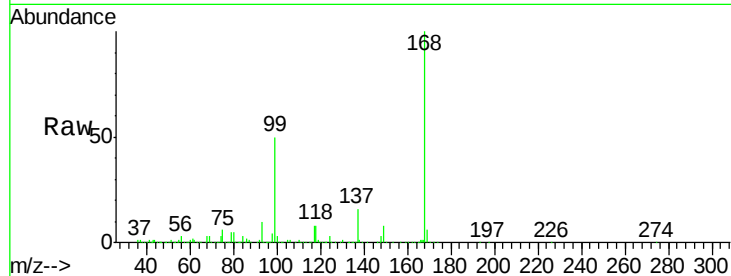
99 50.0 37.9 56.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

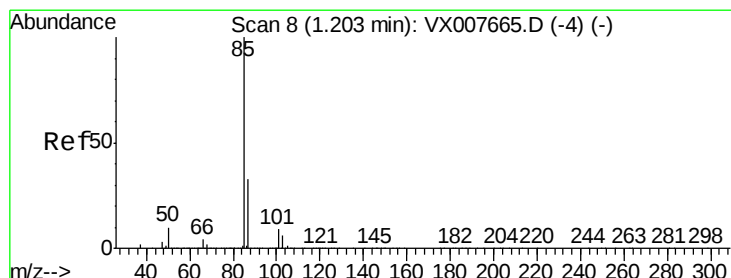
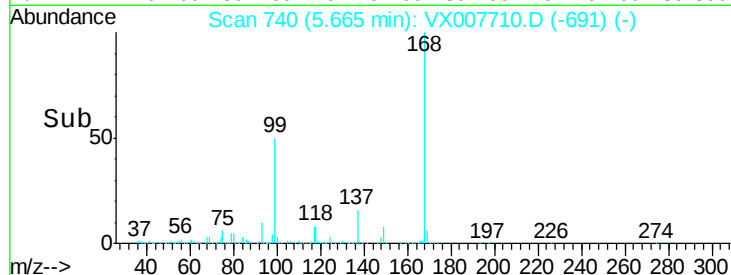
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 50.777 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.01 min

Lab File: VX007710.D

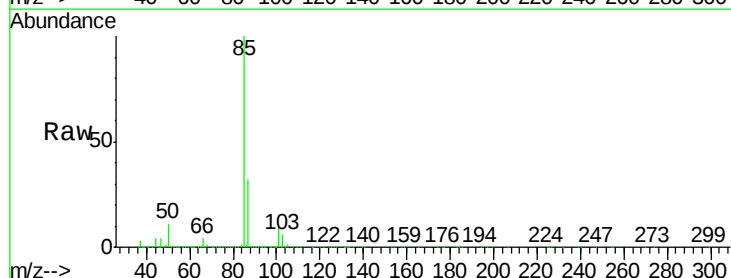
Acq: 26 Feb 2019 13:32

Tgt Ion: 85 Resp: 168022

Ion Ratio Lower Upper

85 100

87 32.5 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

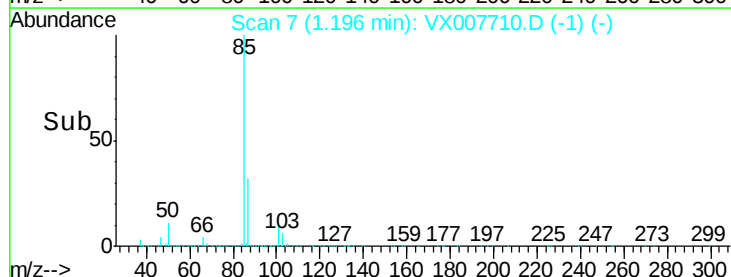
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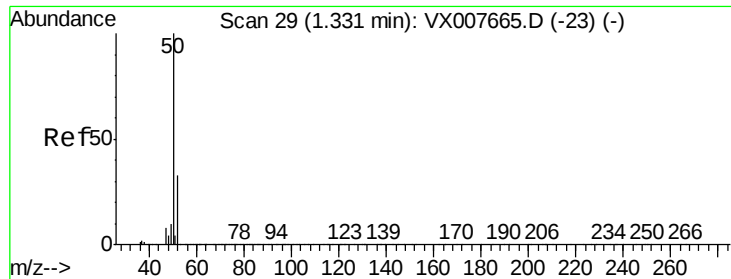
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 46.634 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 171003

Ion Ratio Lower Upper

50 100

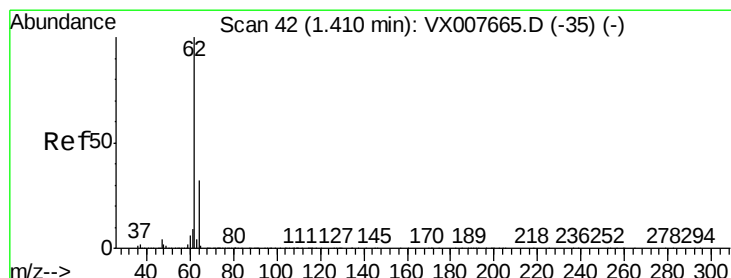
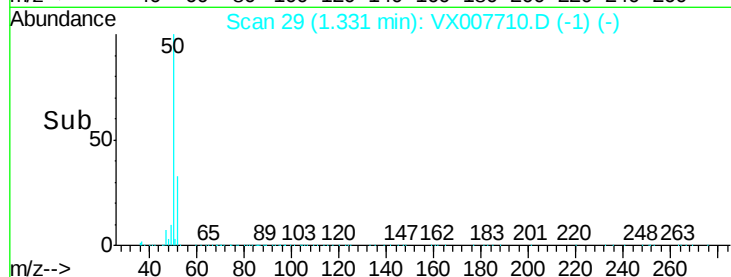
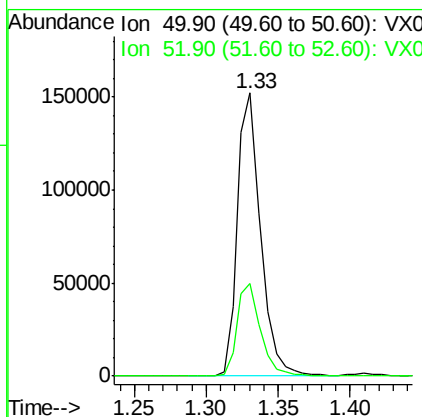
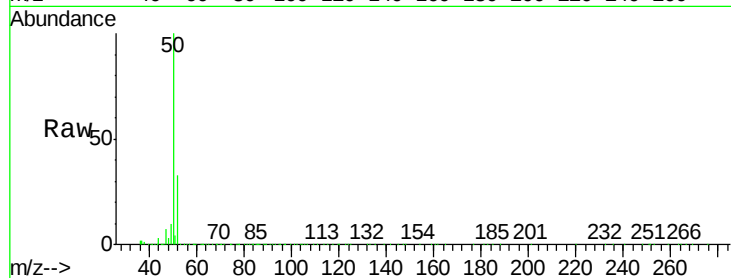
52 32.6 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.473 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007710.D

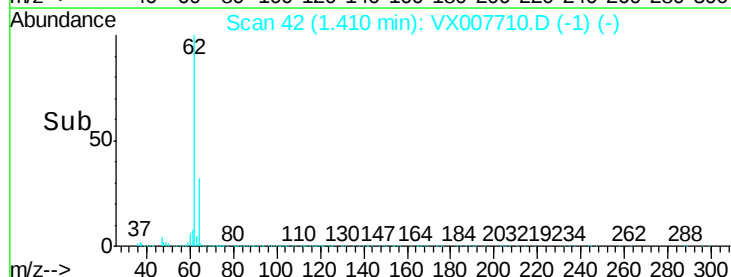
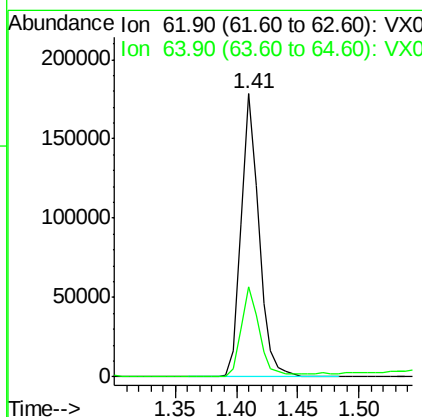
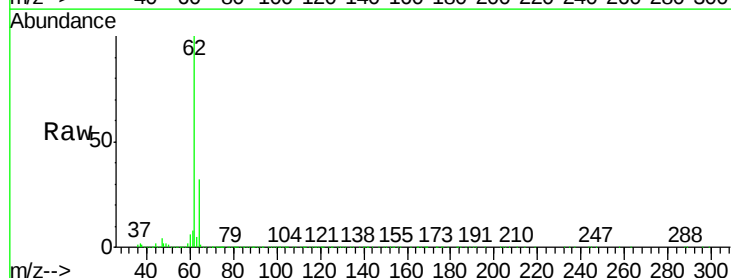
Acq: 26 Feb 2019 13:32

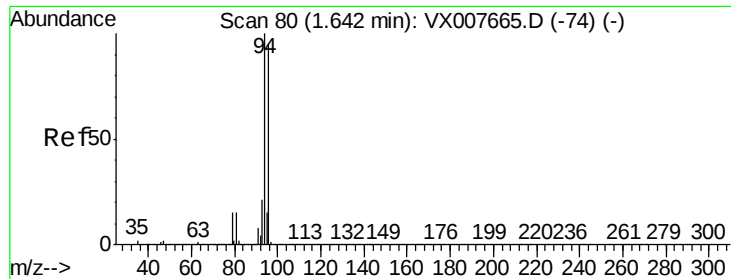
Tgt Ion: 62 Resp: 178595

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0





#5

Bromomethane

Concen: 50.439 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 94 Resp: 119490

Ion Ratio Lower Upper

94 100

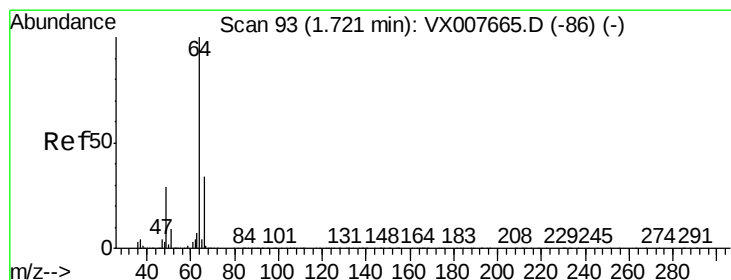
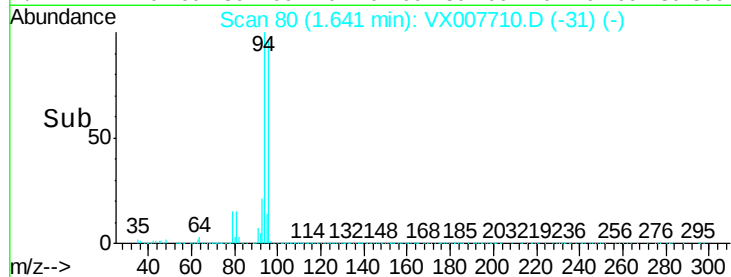
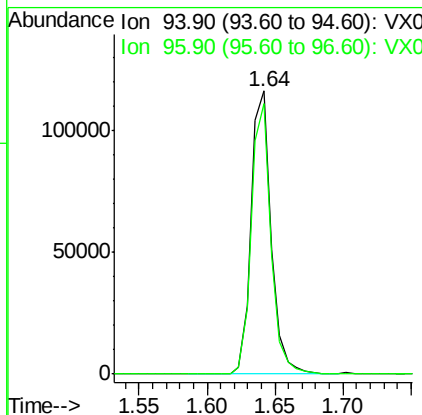
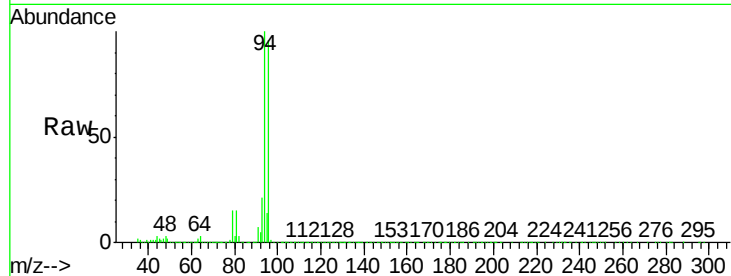
96 95.7 73.9 110.9

Manual Integrations

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#6

Chloroethane

Concen: 50.687 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX007710.D

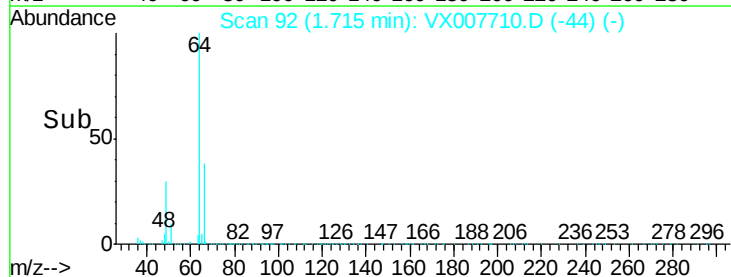
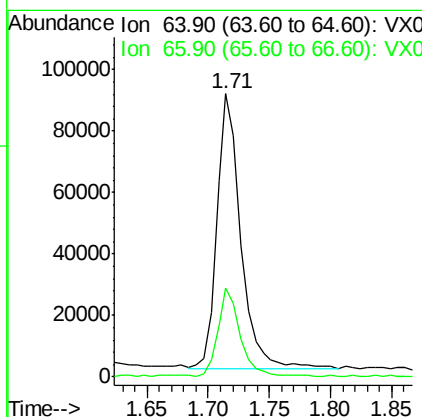
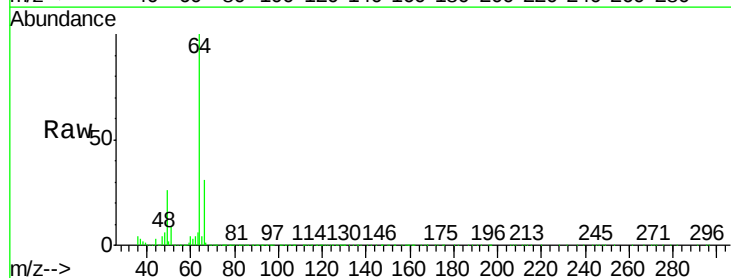
Acq: 26 Feb 2019 13:32

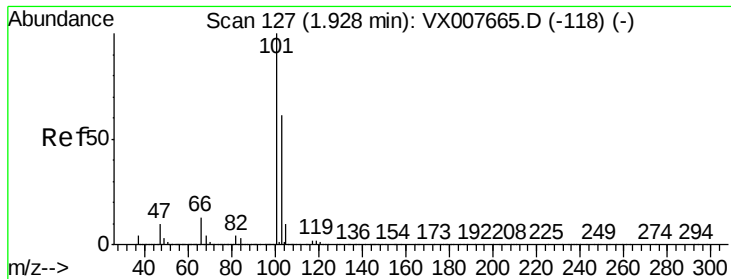
Tgt Ion: 64 Resp: 121827

Ion Ratio Lower Upper

64 100

66 31.9 25.5 38.3





#7

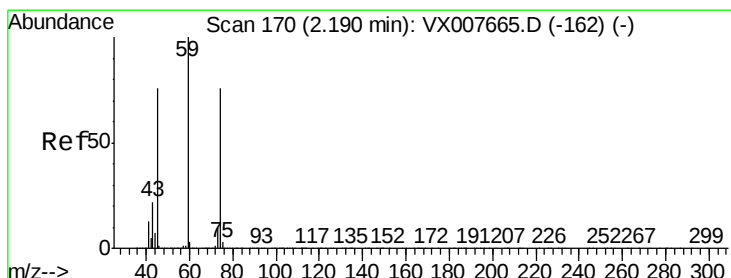
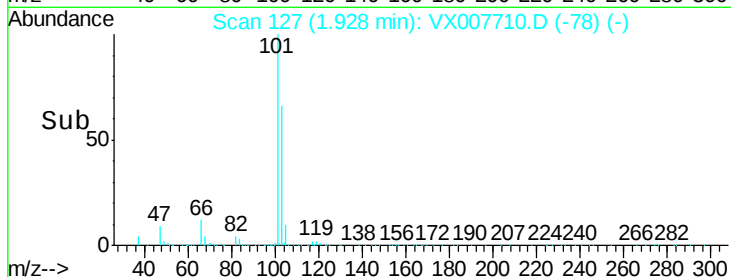
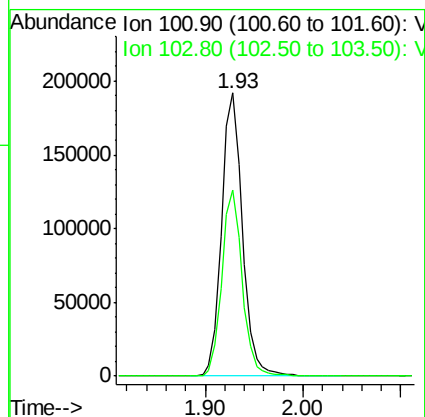
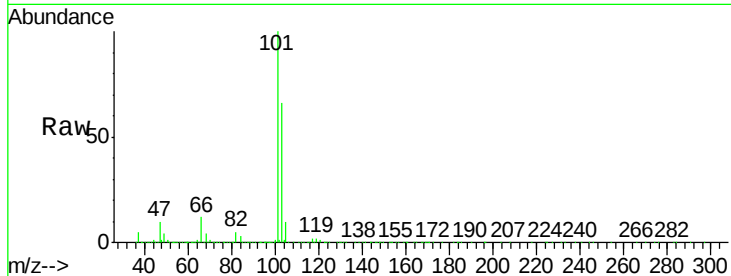
Trichlorofluoromethane
Concen: 49.314 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007710.D
Acq: 26 Feb 2019 13:32

Instrument :
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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.6	52.6	79.0

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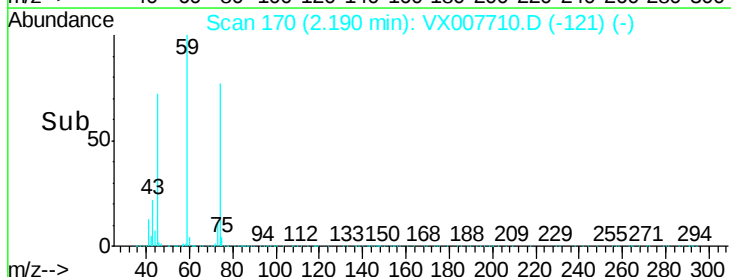
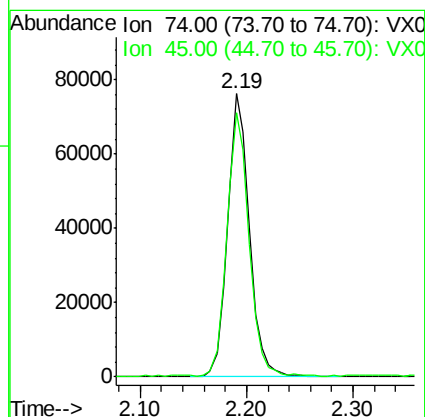
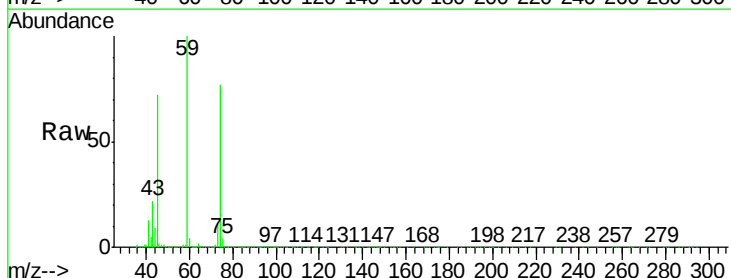
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2/27/2019 10:06:51 AM



#8

Diethyl Ether
Concen: 46.340 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007710.D
Acq: 26 Feb 2019 13:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.6	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.210 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

Instrument :

MSVOA_X

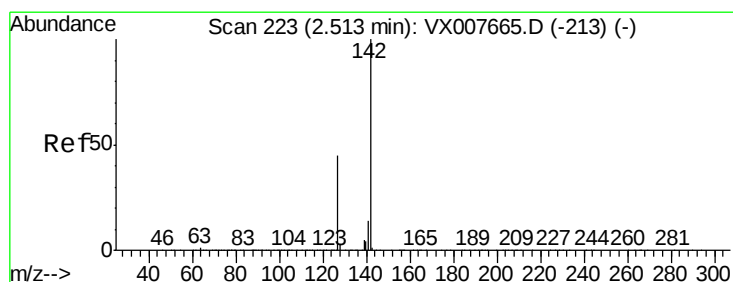
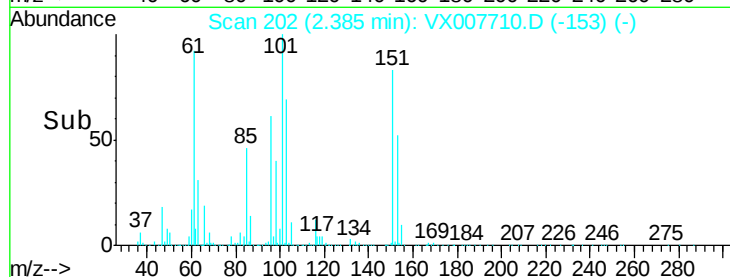
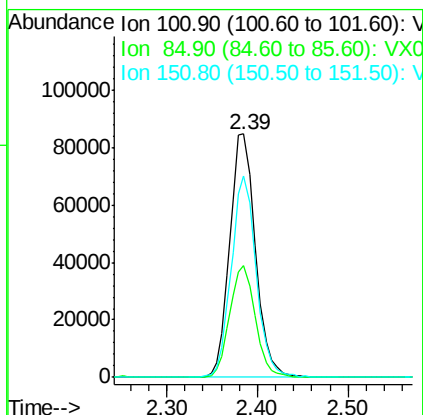
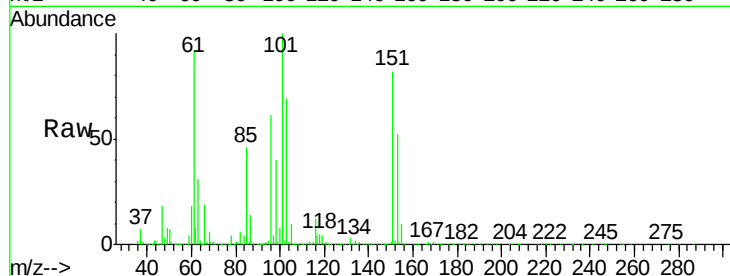
ClientSampled :

VSTDCCC050

Tot Ion:	101	Resp:	168051
Ion Ratio	Lower	Upper	
101	100		
85	45.5	34.1	51.1
151	79.8	69.9	104.9

Manual Integrations
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#10

Methyl Iodide

Concen: 51.613 ug/l

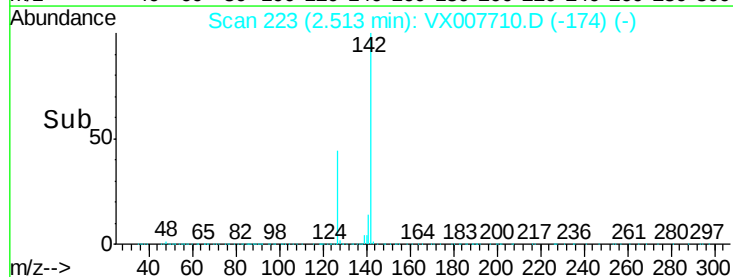
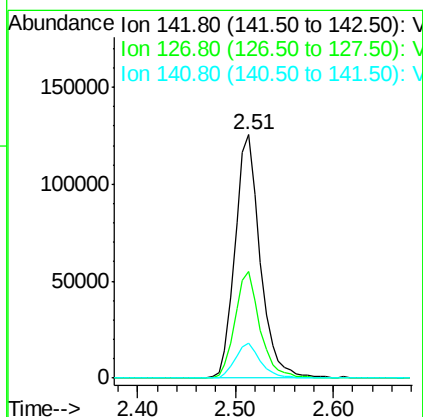
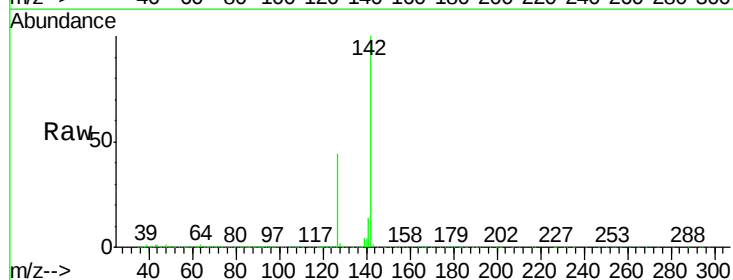
RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

Tgt Ion:	142	Resp:	224023
Ion Ratio	Lower	Upper	
142	100		
127	43.8	33.7	50.5
141	14.5	11.3	16.9





#11

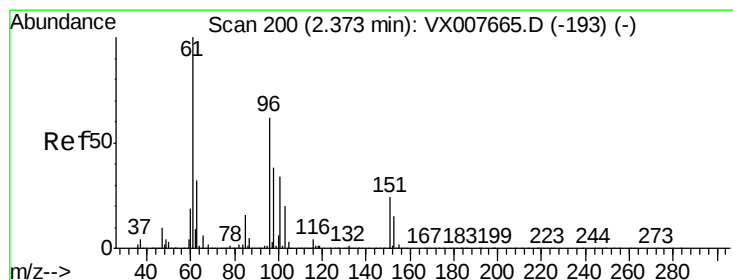
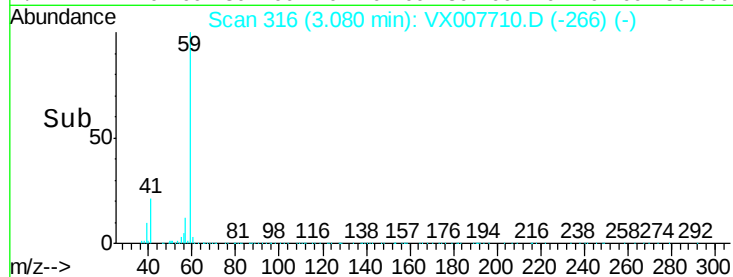
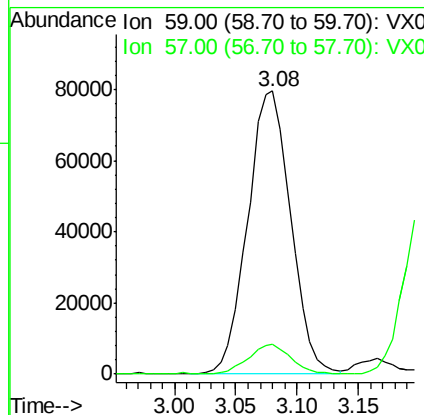
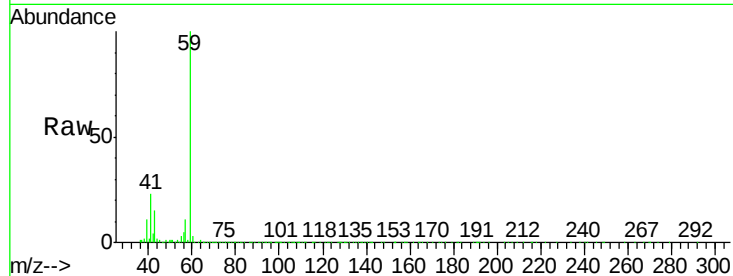
Tert butyl alcohol
Concen: 230.008 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX007710.D
Acq: 26 Feb 2019 13:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.1	12.1

Manual Integrations
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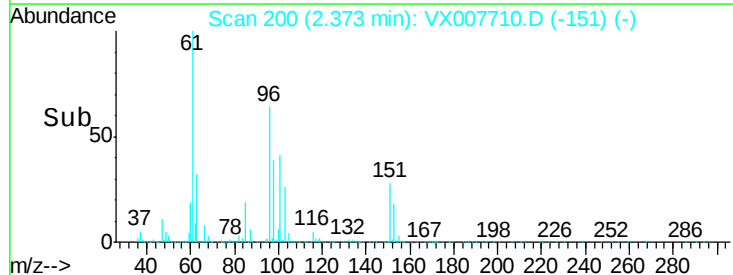
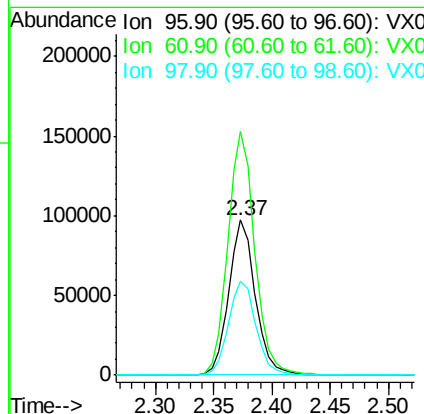
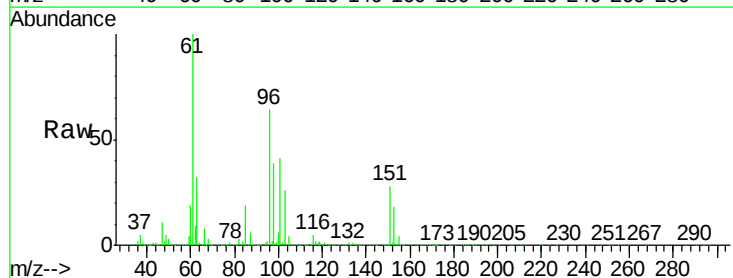
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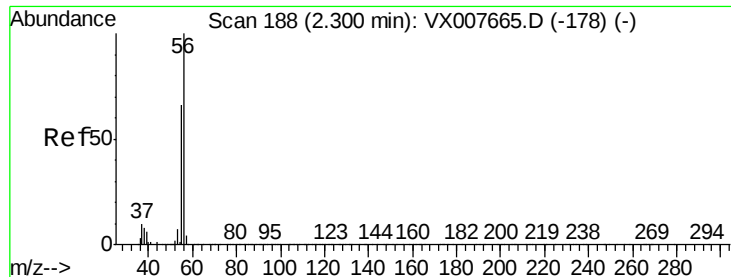


#12

1,1-Dichloroethene
Concen: 48.715 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007710.D
Acq: 26 Feb 2019 13:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.1	123.0	184.4
98	60.7	50.9	76.3





#13

Acrolein

Concen: 314.881 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 236220

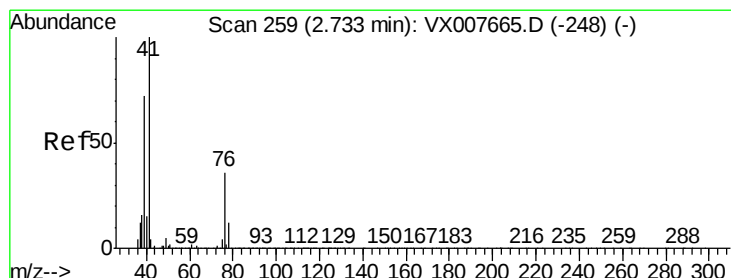
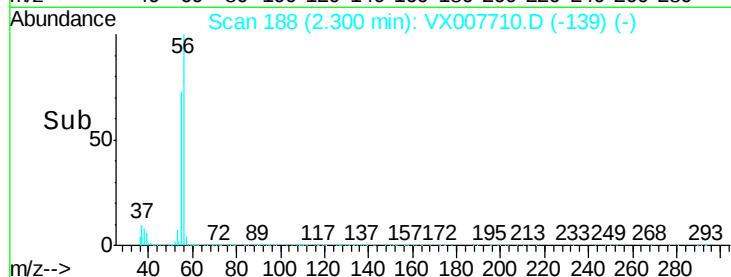
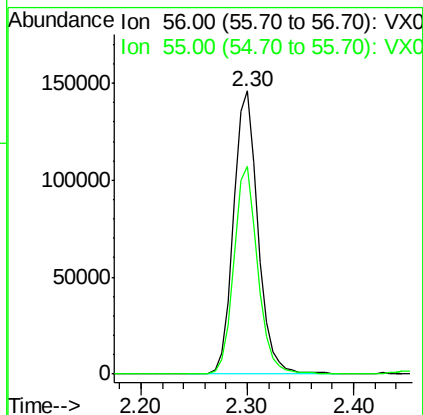
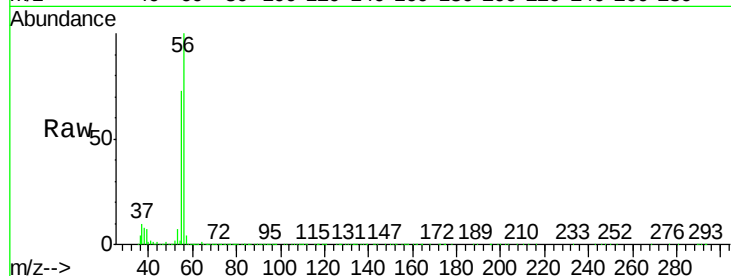
Ion Ratio Lower Upper

56 100

55 70.9 56.9 85.3

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#14

Allyl chloride

Concen: 47.396 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

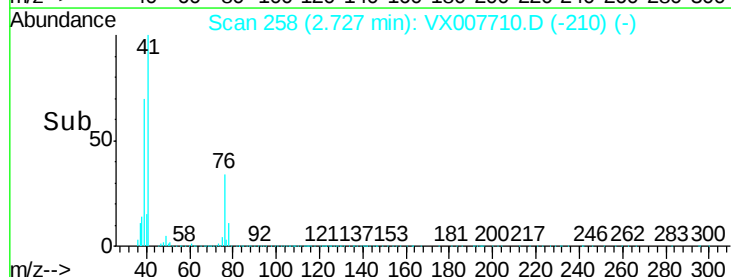
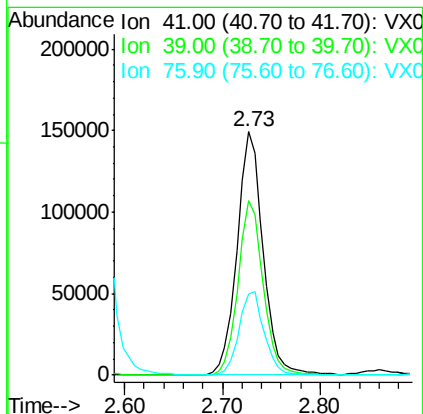
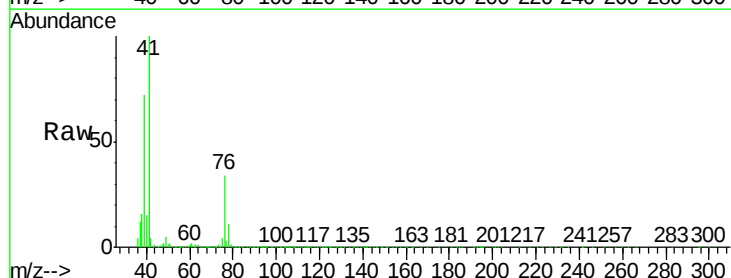
Tgt Ion: 41 Resp: 275361

Ion Ratio Lower Upper

41 100

39 68.7 54.1 81.1

76 32.9 27.8 41.8





#15

Acrylonitrile

Concen: 237.687 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

Instrument :

MSVOA_X

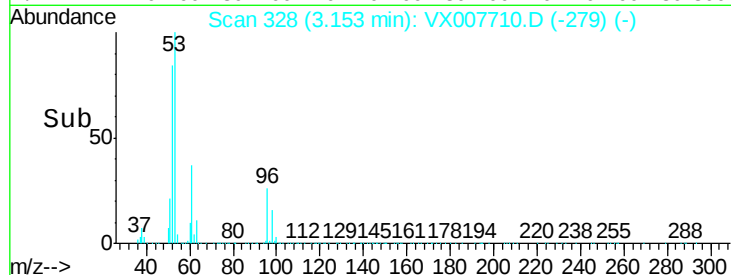
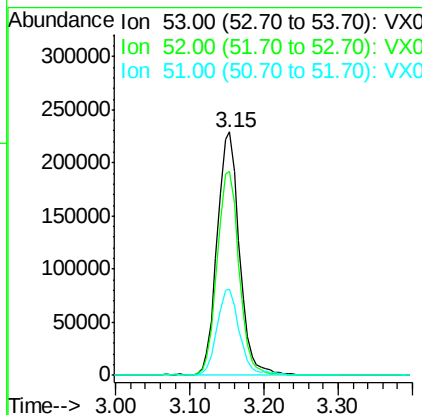
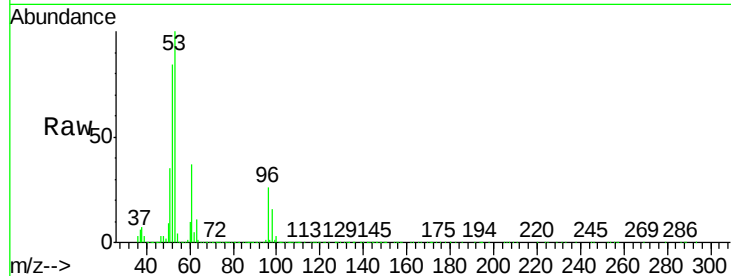
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	472216
Ion Ratio		Lower	Upper
53	100		
52	82.6	66.4	99.6
51	35.7	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 253.543 ug/l

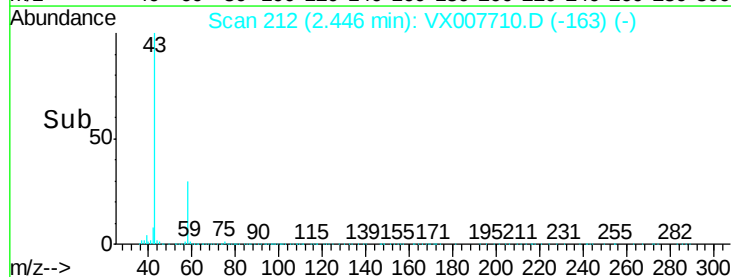
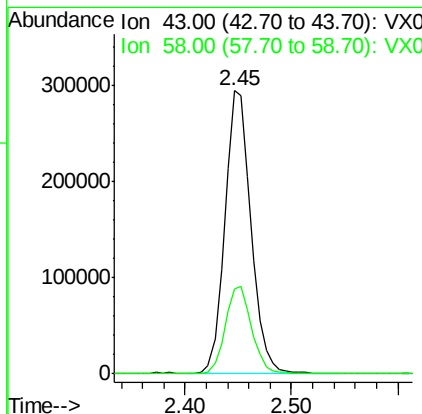
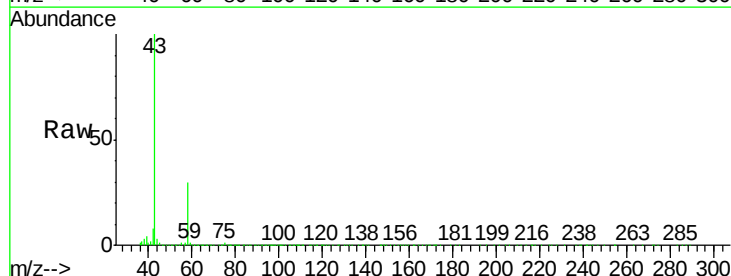
RT: 2.45 min Scan# 212

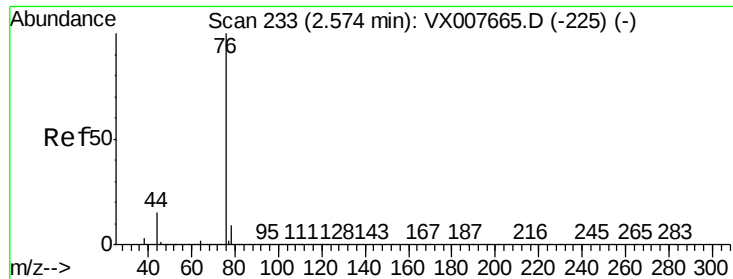
Delta R.T. -0.00 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

Tgt Ion:	43	Resp:	501683
Ion Ratio		Lower	Upper
43	100		
58	30.2	24.9	37.3





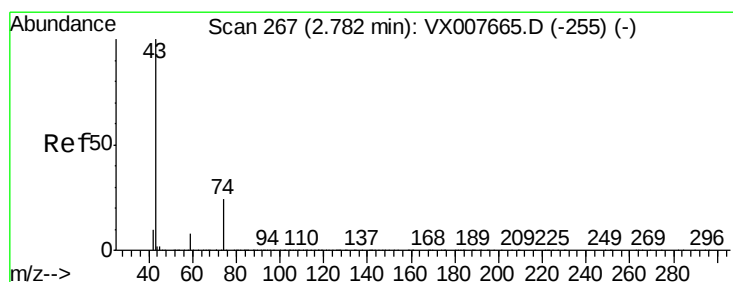
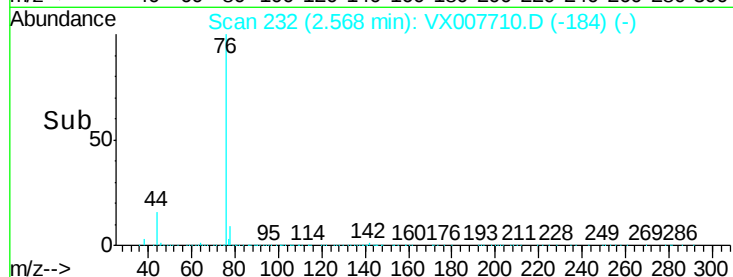
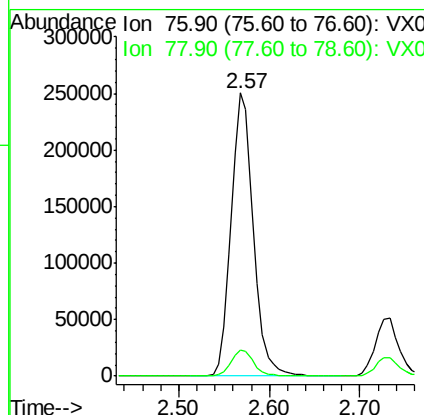
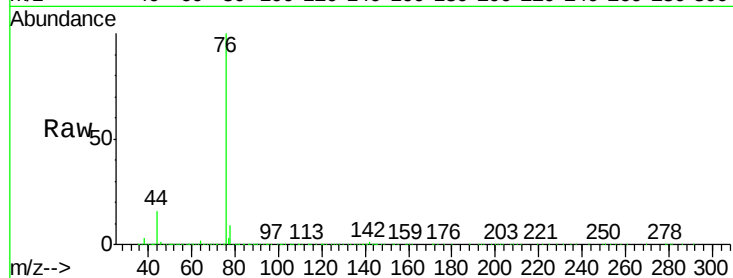
#17
Carbon Disulfide
Concen: 48.484 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.01 min
Lab File: VX007710.D
Acq: 26 Feb 2019 13:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 423830
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7

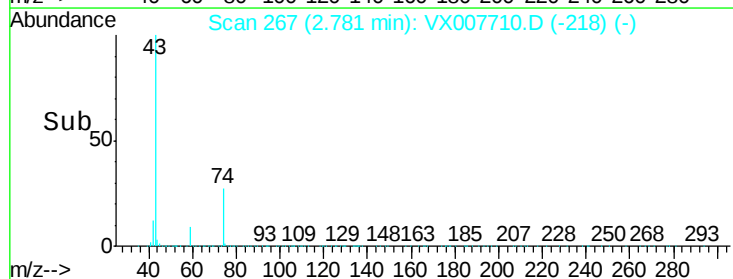
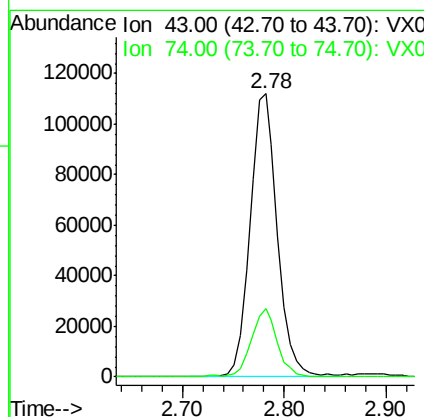
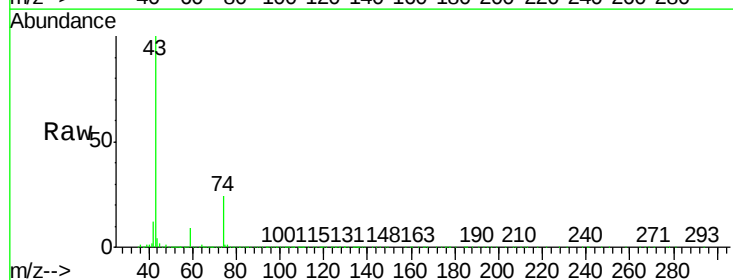
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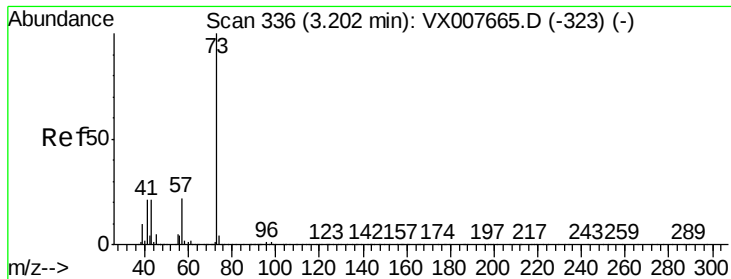
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#18
Methyl Acetate
Concen: 47.721 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007710.D
Acq: 26 Feb 2019 13:32

Tgt Ion: 43 Resp: 206046
Ion Ratio Lower Upper
43 100
74 23.4 19.4 29.2





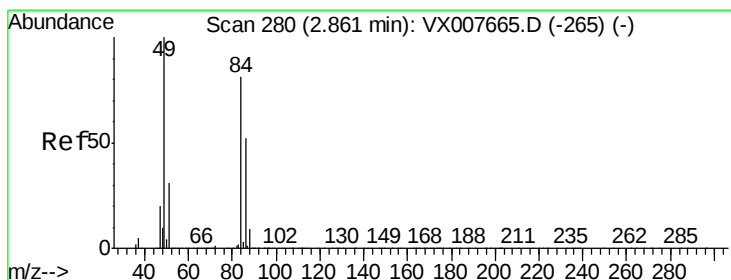
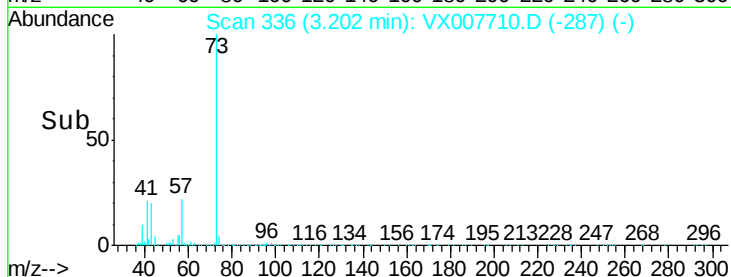
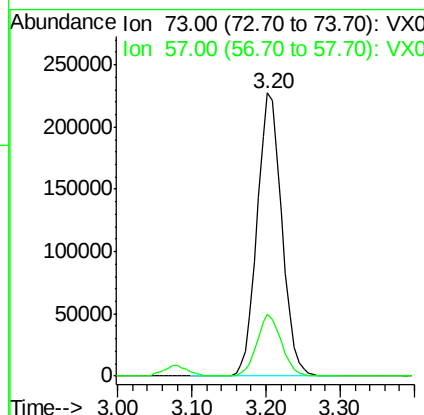
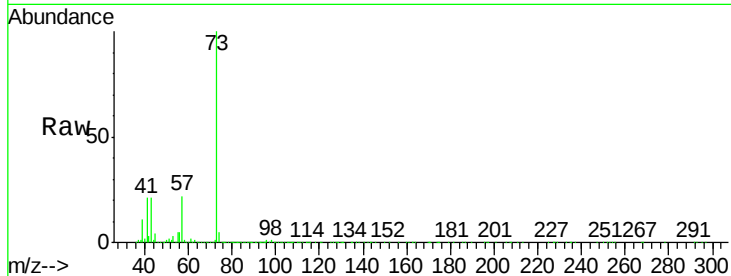
#19
Methvl tert-butvl Ether
Concen: 48.515 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007710.D
Acq: 26 Feb 2019 13:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.8	26.8

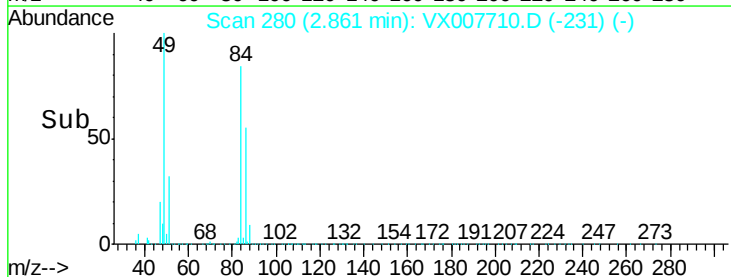
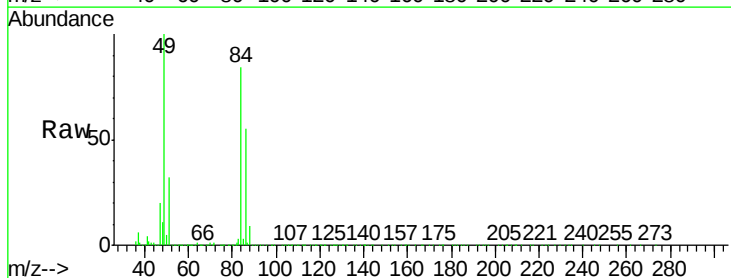
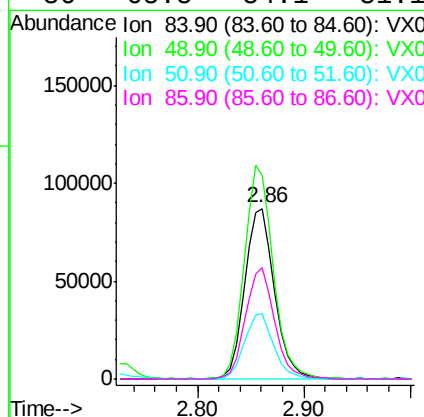
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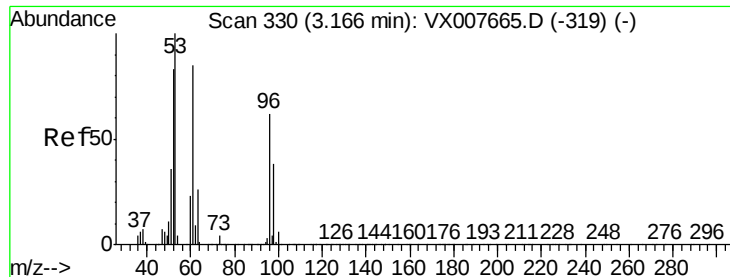
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#20
Methylene Chloride
Concen: 46.596 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007710.D
Acq: 26 Feb 2019 13:32

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.2	94.8	142.2
51	38.2	29.8	44.8
86	65.5	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 47.866 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

Instrument :

MSVOA_X

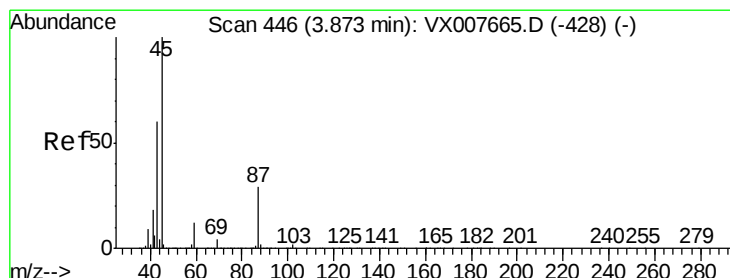
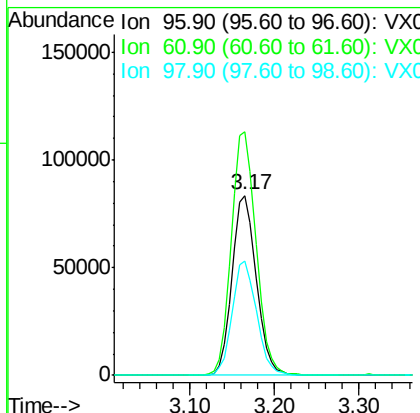
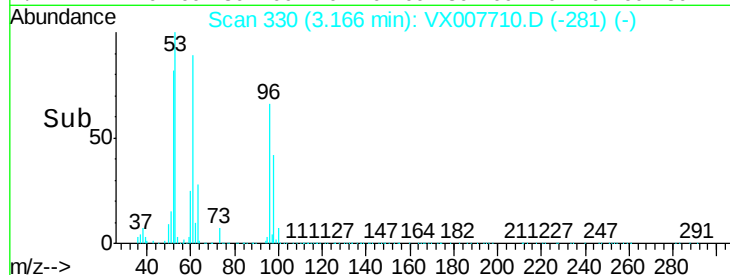
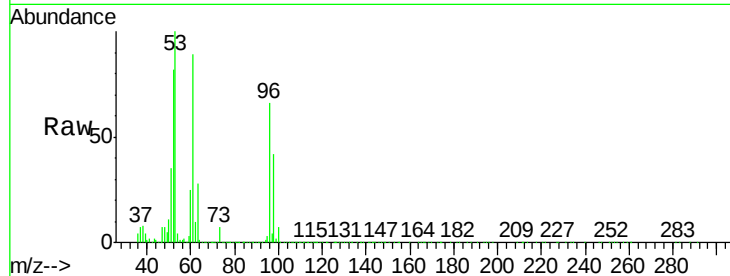
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	163505
Ion Ratio	Lower	Upper	
96	100		
61	134.9	104.6	156.8
98	63.3	51.0	76.4

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#22

Diisopropyl ether

Concen: 46.528 ug/l

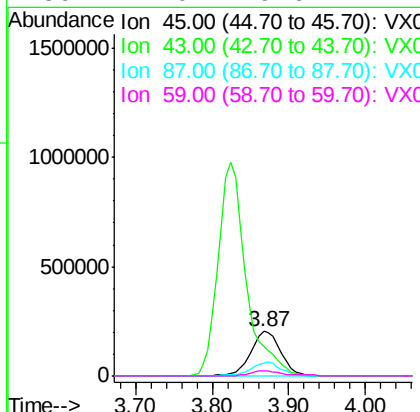
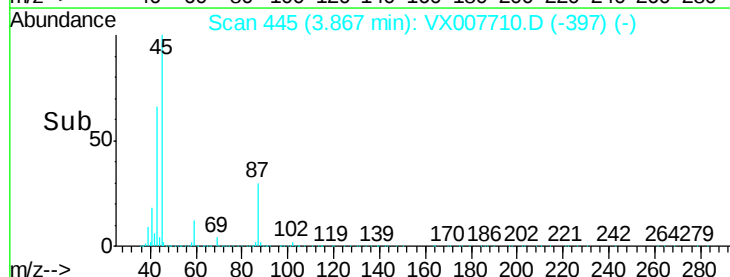
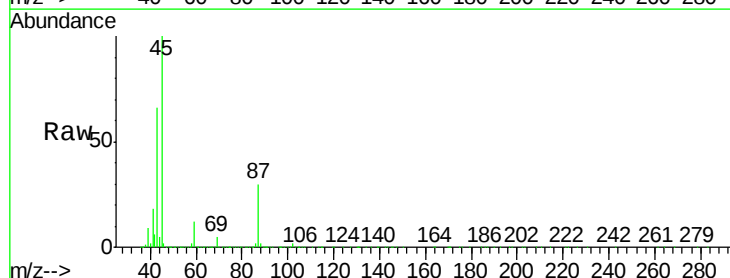
RT: 3.87 min Scan# 445

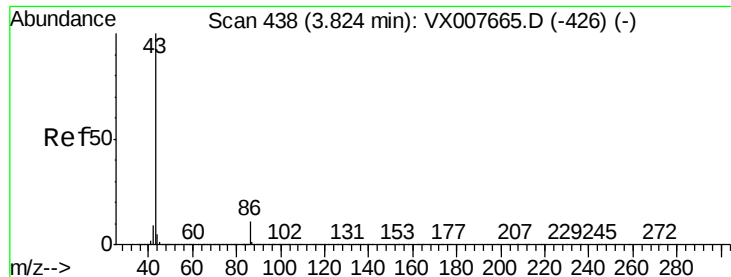
Delta R.T. -0.01 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

Tgt Ion:	45	Resp:	562720
Ion Ratio	Lower	Upper	
45	100		
43	65.7	48.9	73.3
87	29.6	23.9	35.9
59	12.0	9.6	14.4





#23

Vinyl Acetate

Concen: 235.889 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2503026

Ion Ratio Lower Upper

43 100

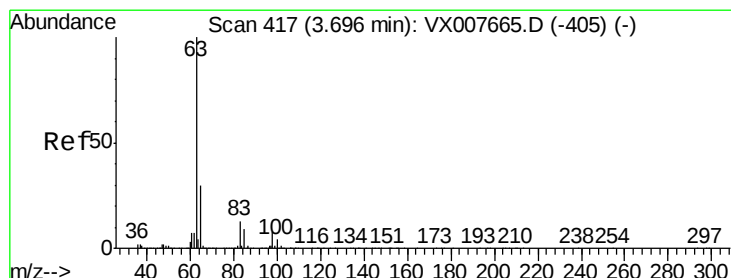
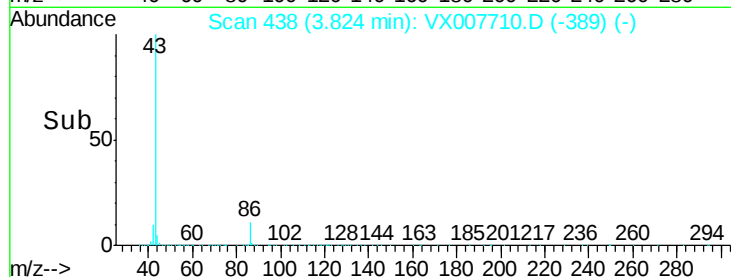
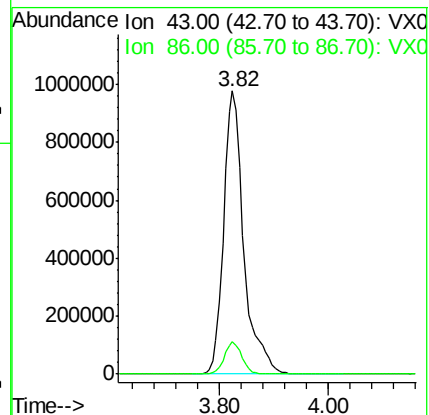
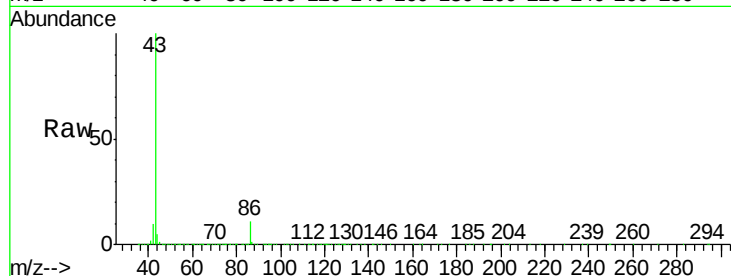
86 11.5 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 46.725 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

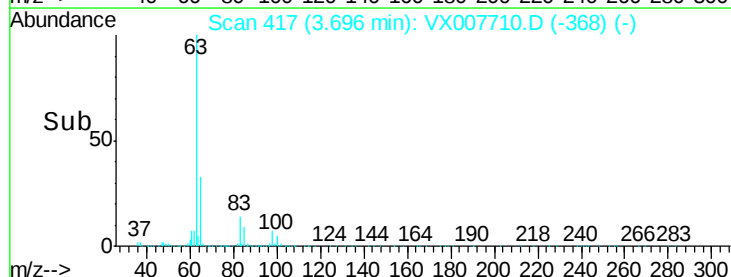
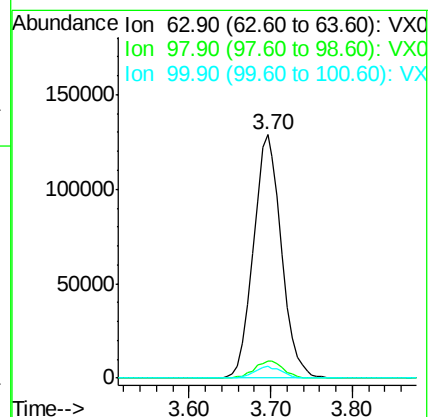
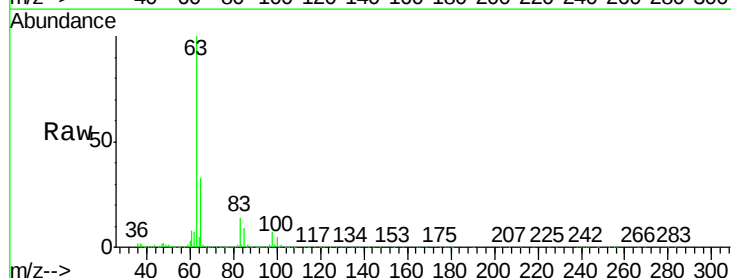
Tgt Ion: 63 Resp: 307123

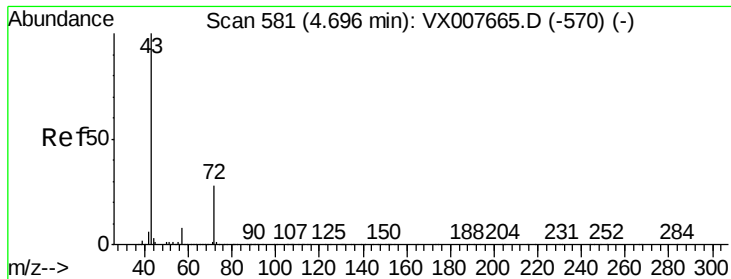
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 4.9 2.5 7.4





#25

2-Butanone

Concen: 239.274 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 721185

Ion Ratio Lower Upper

43 100

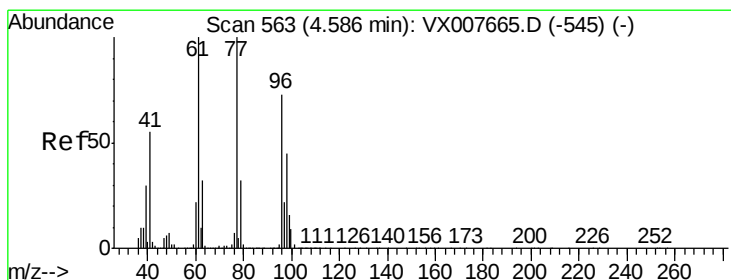
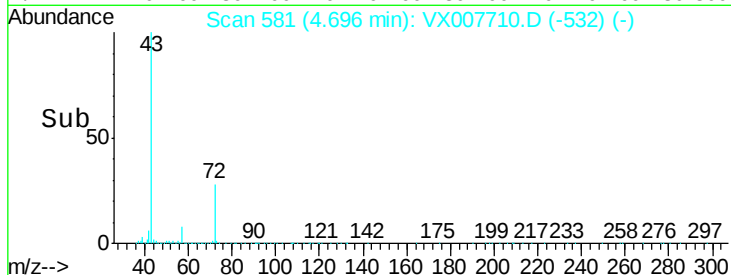
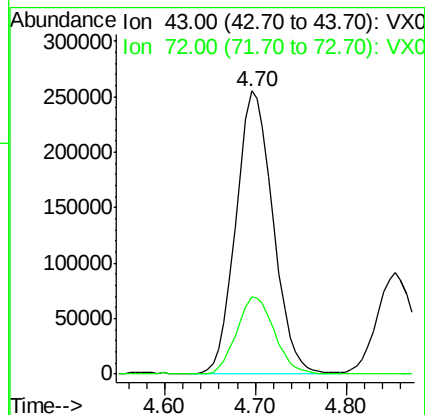
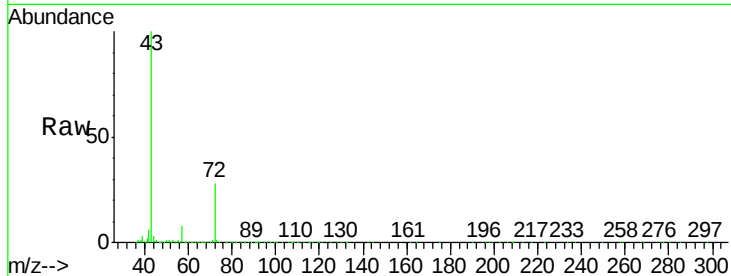
72 27.5 22.2 33.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.593 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX007710.D

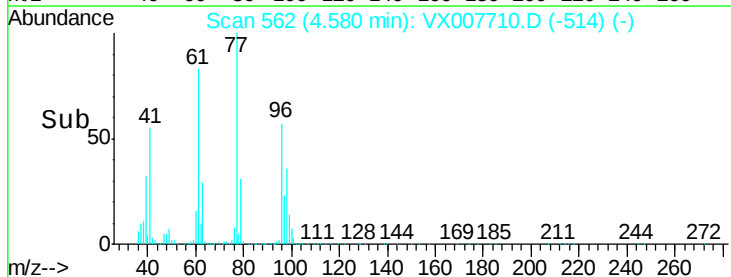
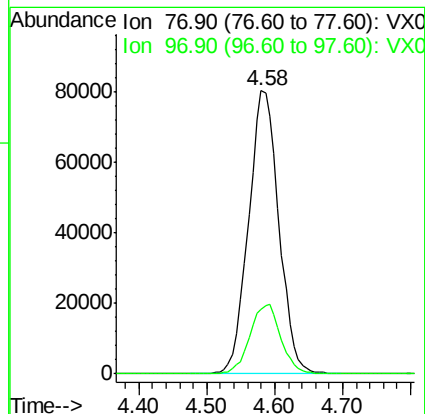
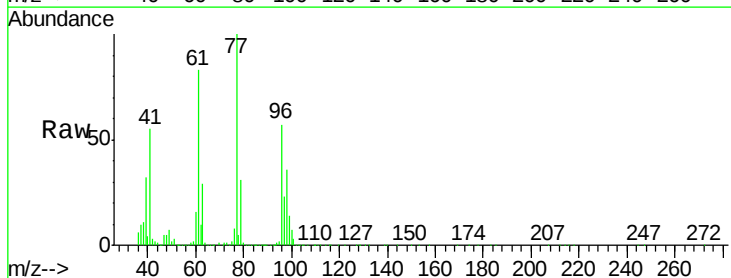
Acq: 26 Feb 2019 13:32

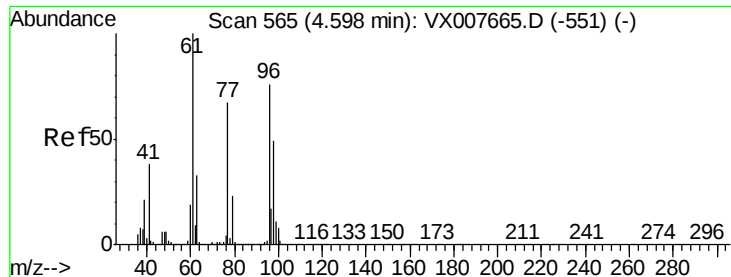
Tgt Ion: 77 Resp: 249712

Ion Ratio Lower Upper

77 100

97 25.0 12.1 36.3





#27

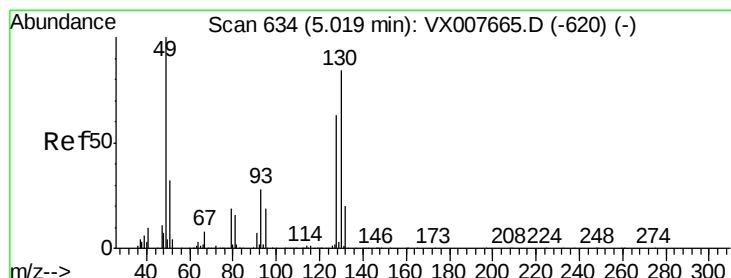
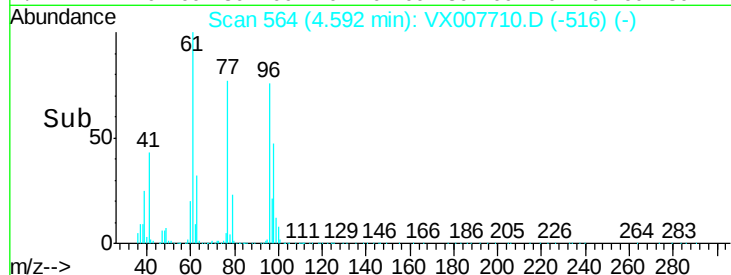
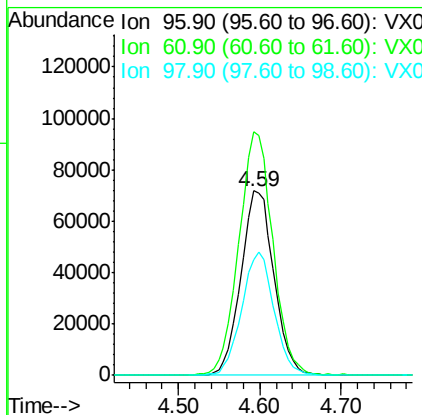
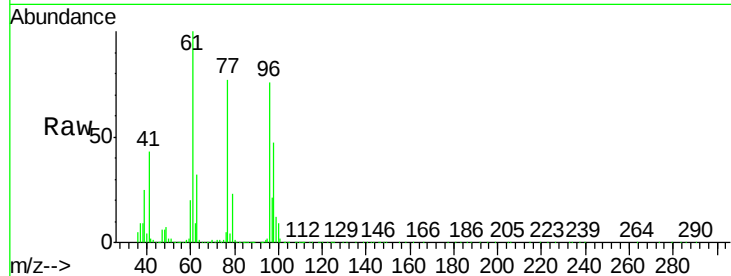
cis-1,2-Dichloroethene
Concen: 46.539 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX007710.D
Acq: 26 Feb 2019 13:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	202276		
61	135.1	0.0	265.6	
98	65.3	0.0	131.6	

Manual Integrations
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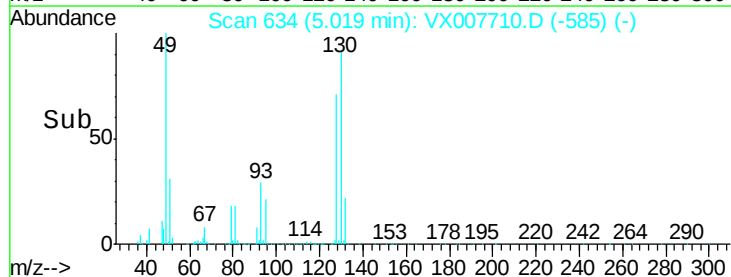
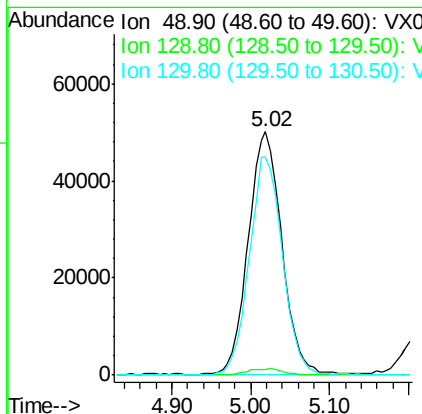
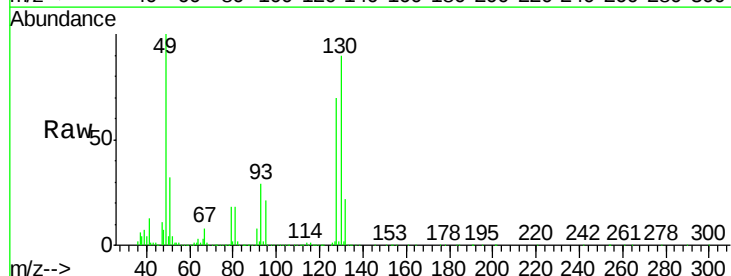
MMDadoda
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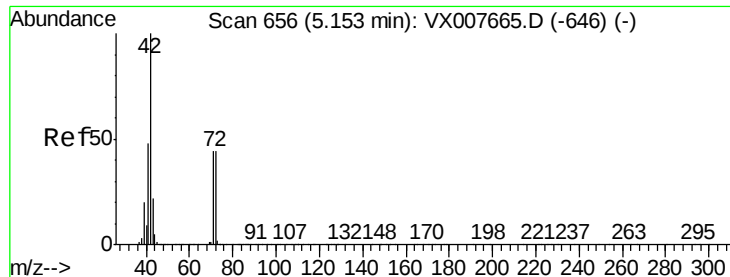


#28

Bromochloromethane
Concen: 46.187 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007710.D
Acq: 26 Feb 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	147796		
129	2.9	0.0	5.6	
130	89.5	75.6	113.4	





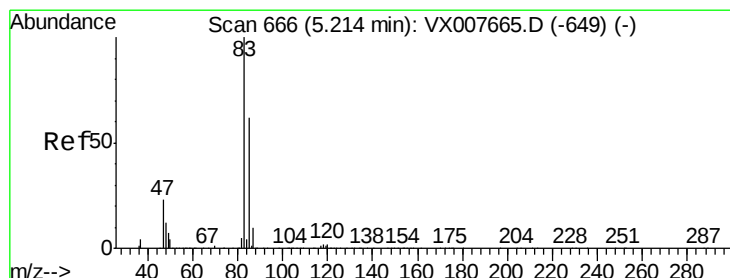
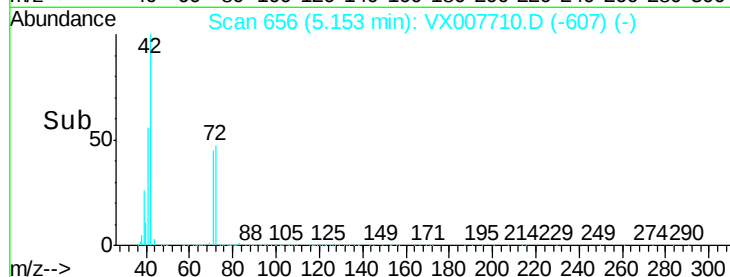
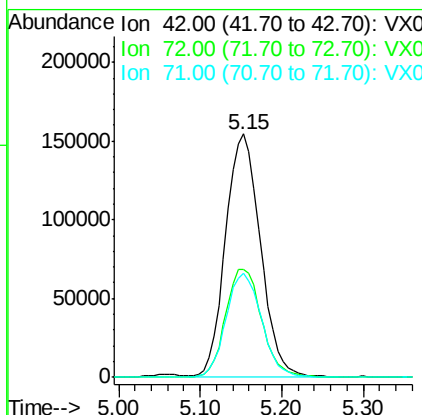
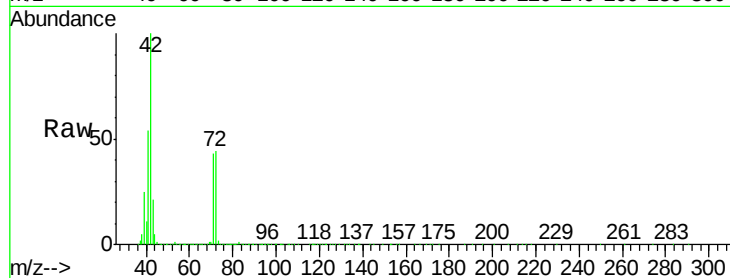
#29
Tetrahydrofuran
Concen: 229.365 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX007710.D
Acq: 26 Feb 2019 13:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.0	37.6	56.4
71	43.6	34.6	51.8

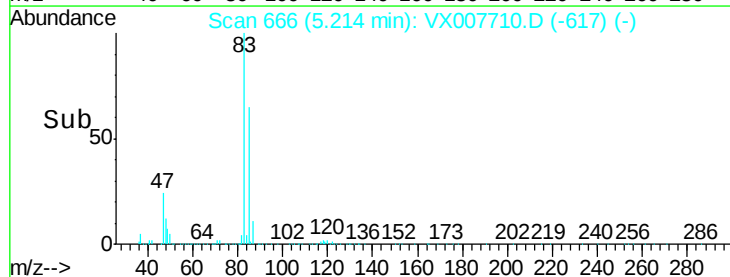
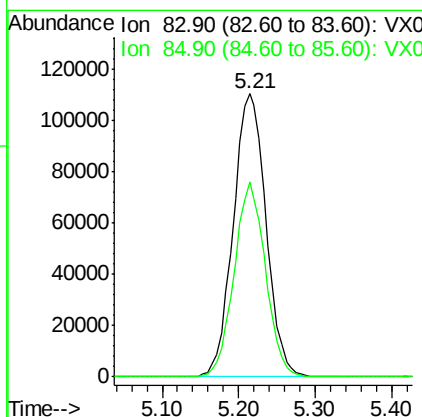
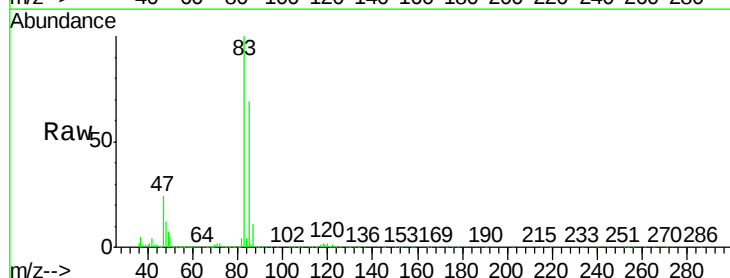
Manual Integrations
APPROVED

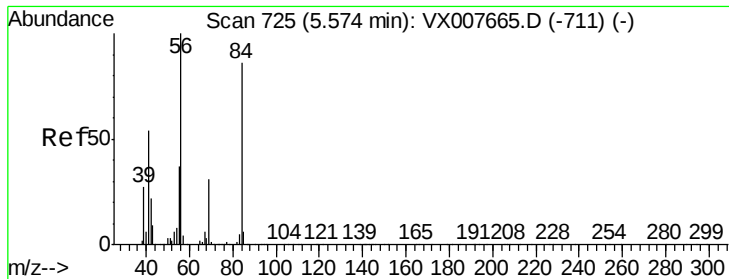
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#30
Chloroform
Concen: 46.568 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007710.D
Acq: 26 Feb 2019 13:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.7	51.6	77.4





#31

Cyclohexane

Concen: 47.023 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

Instrument :

MSVOA_X

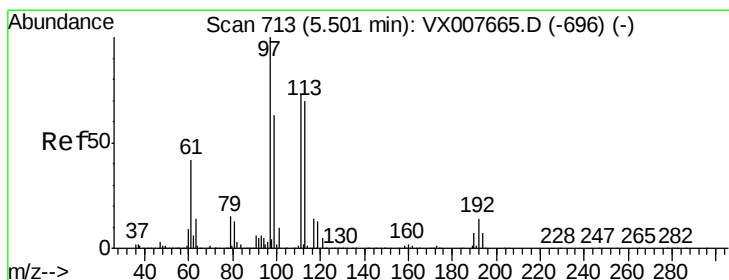
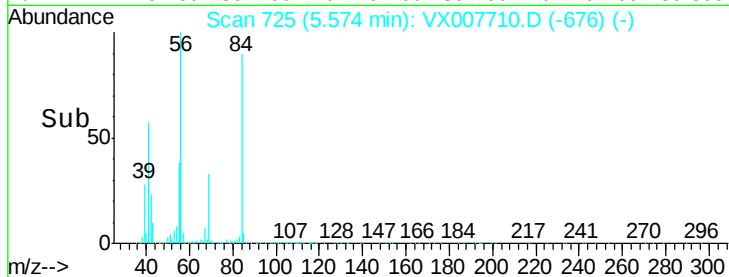
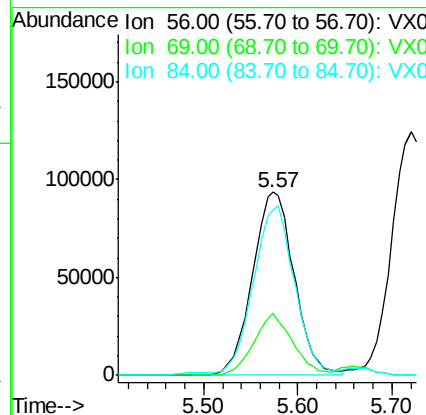
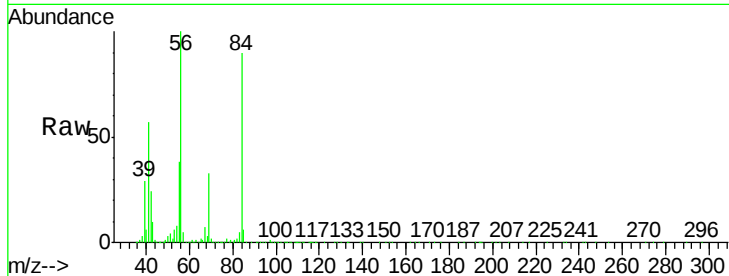
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	290737
Ion Ratio		Lower	Upper
56	100		
69	33.4	23.0	34.6
84	88.3	69.8	104.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.808 ug/l

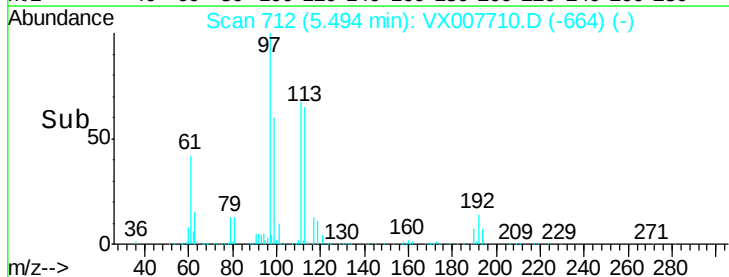
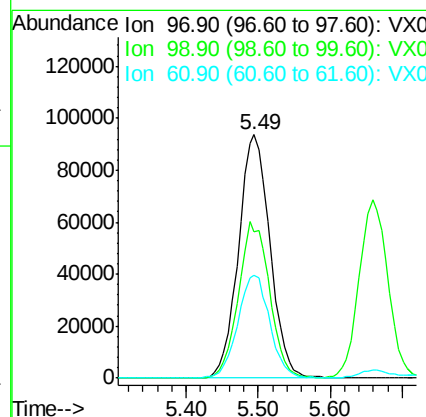
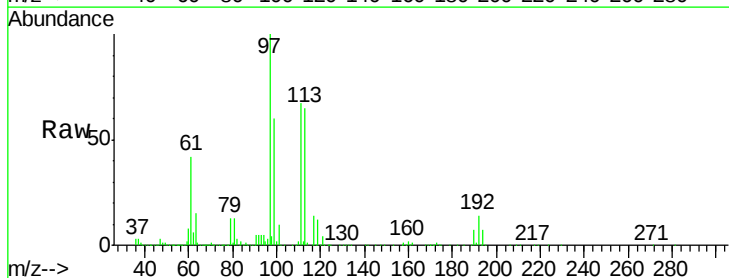
RT: 5.49 min Scan# 712

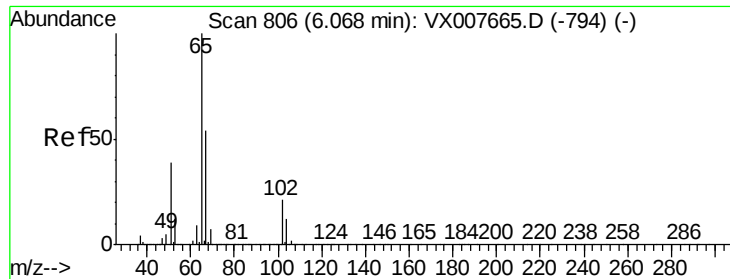
Delta R.T. -0.01 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

Tgt Ion:	97	Resp:	284204
Ion Ratio		Lower	Upper
97	100		
99	63.7	52.2	78.2
61	42.6	32.7	49.1





#33

1,2-Dichloroethane-d4

Concen: 46.887 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 208625

Ion Ratio Lower Upper

65 100

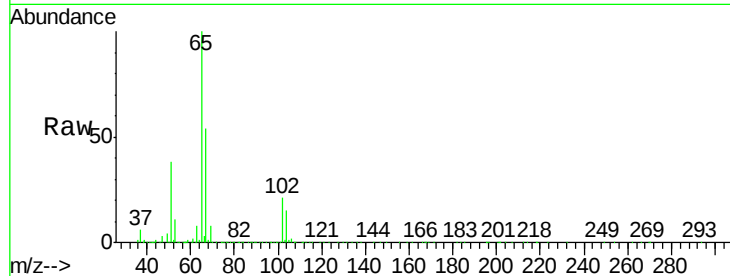
67 53.4 0.0 108.8

Manual Integrations

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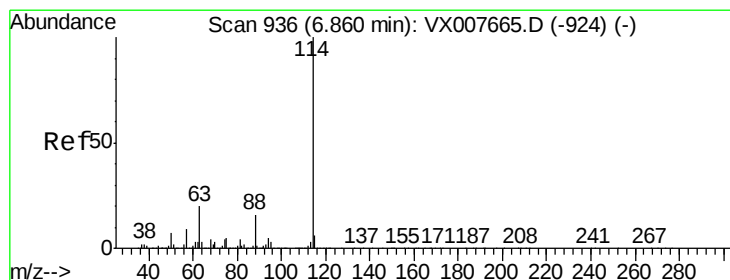
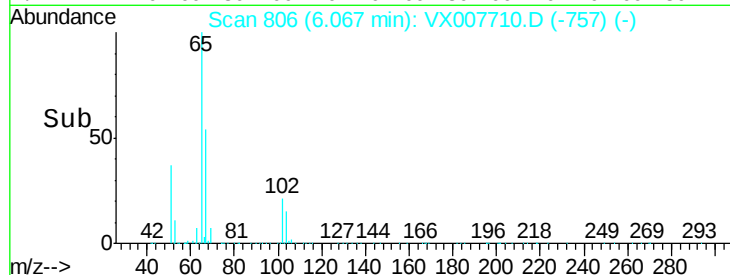
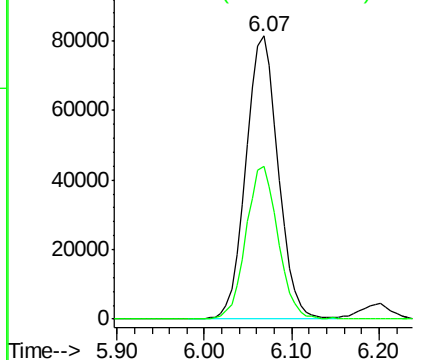
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

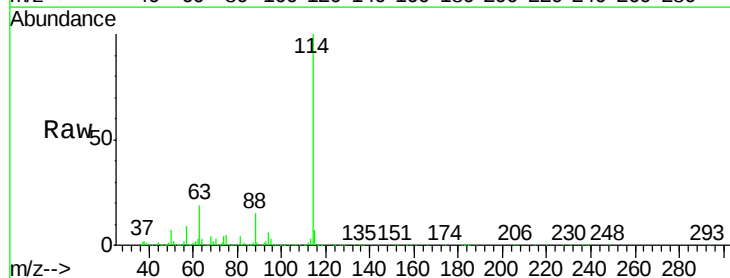
Tgt Ion: 114 Resp: 559117

Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.6

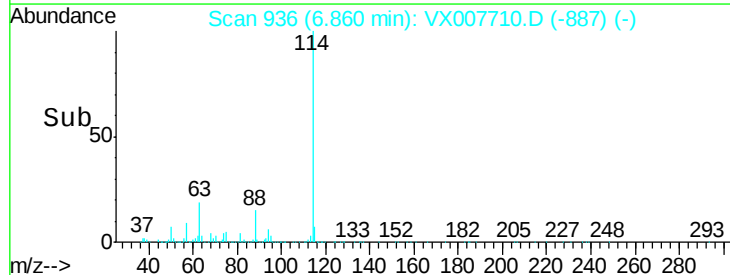
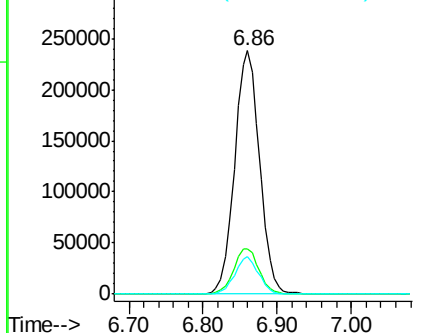
88 15.3 0.0 29.6

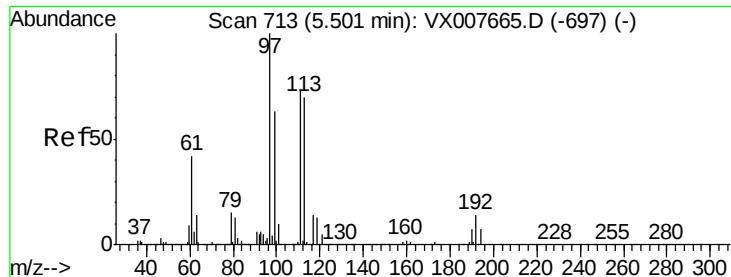


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.698 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

Instrument :

MSVOA_X

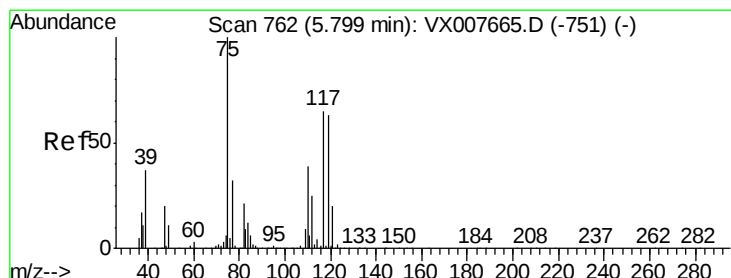
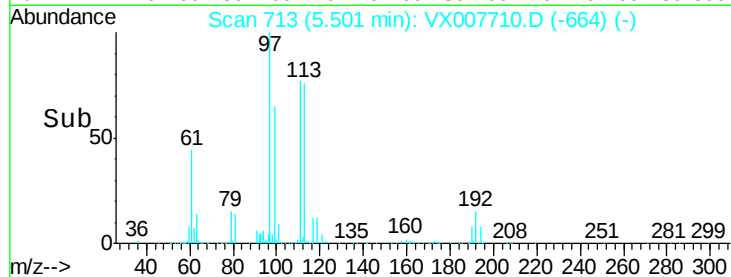
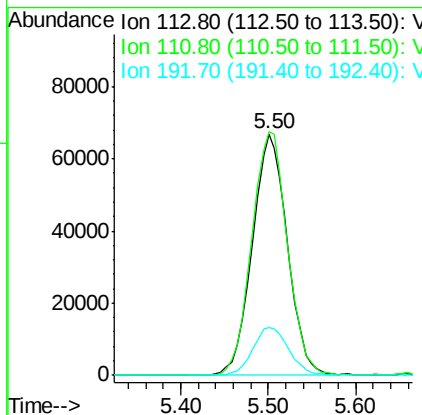
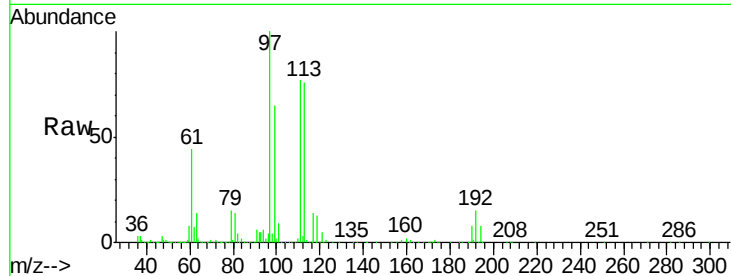
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	185749
Ion Ratio	Lower	Upper	
113	100		
111	103.5	81.8	122.8
192	20.6	18.5	27.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 48.873 ug/l

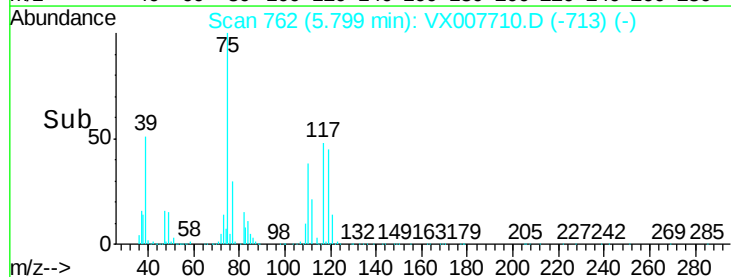
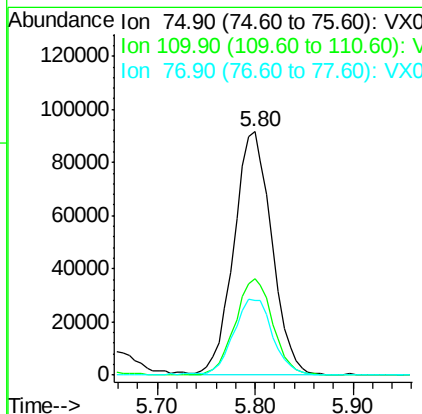
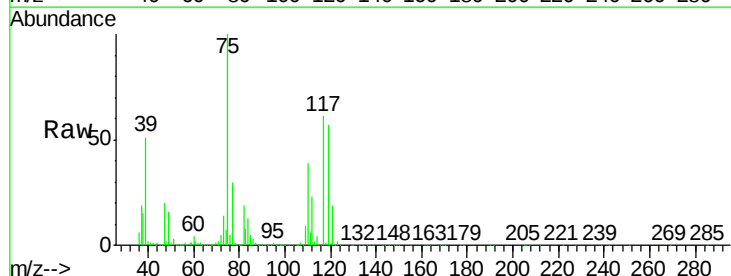
RT: 5.80 min Scan# 762

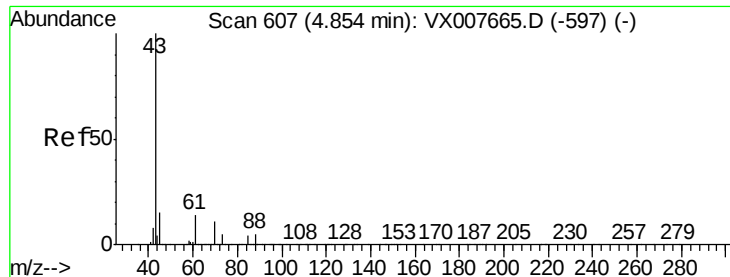
Delta R.T. -0.00 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

Tgt Ion:	75	Resp:	245669
Ion Ratio	Lower	Upper	
75	100		
110	39.1	20.0	59.9
77	32.5	24.7	37.1





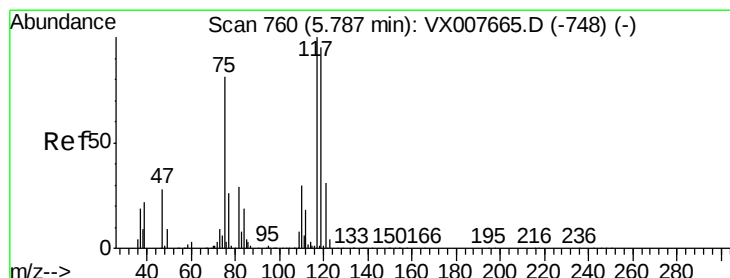
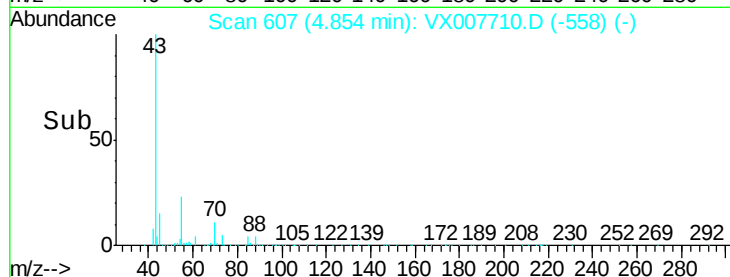
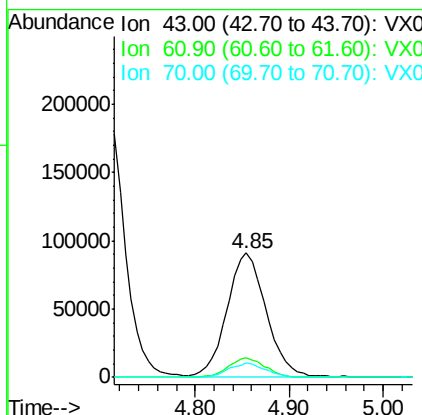
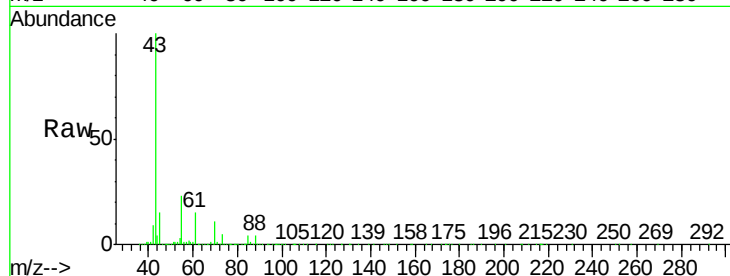
#37
Ethyl Acetate
Concen: 46.619 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007710.D
Acq: 26 Feb 2019 13:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.3	16.9
70	11.3	8.6	13.0

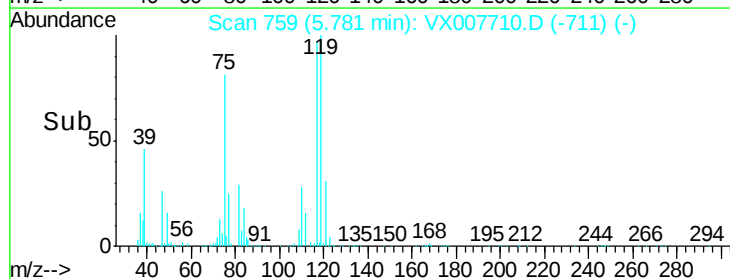
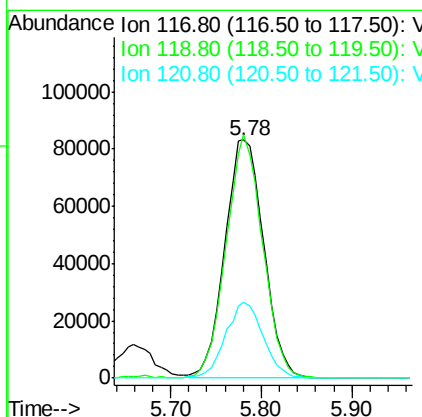
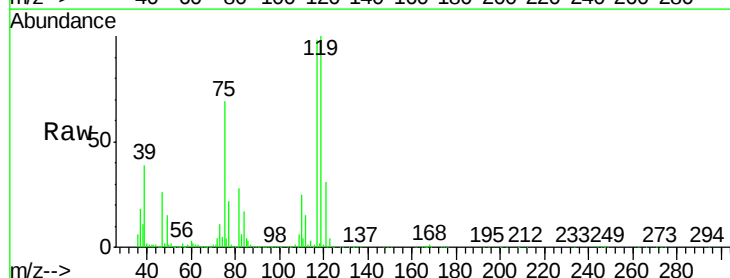
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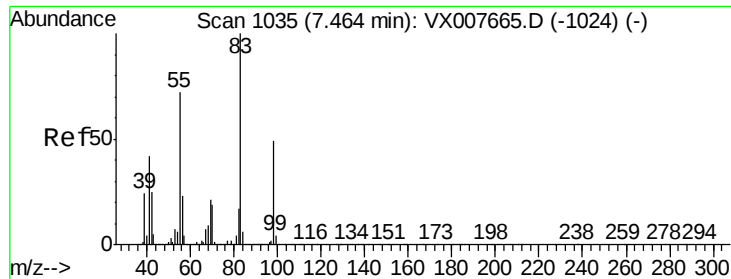
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#38
Carbon Tetrachloride
Concen: 48.888 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007710.D
Acq: 26 Feb 2019 13:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	102.4	75.3	112.9
121	31.8	25.0	37.4





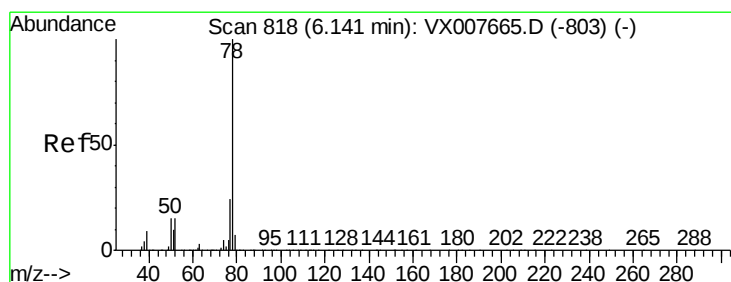
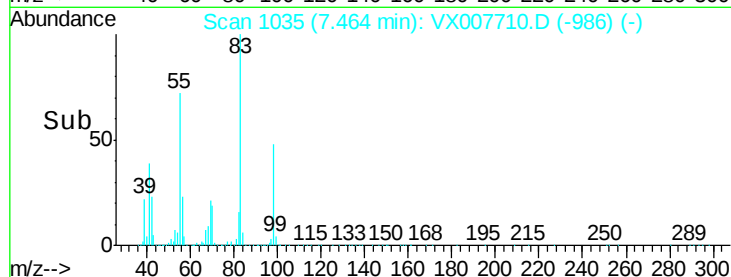
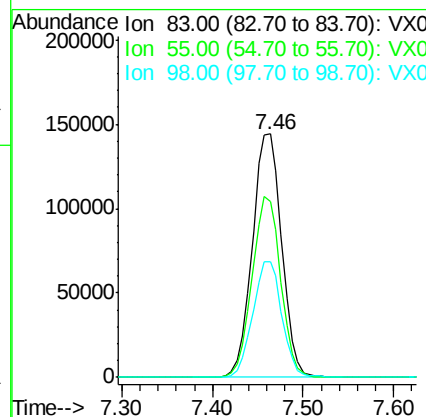
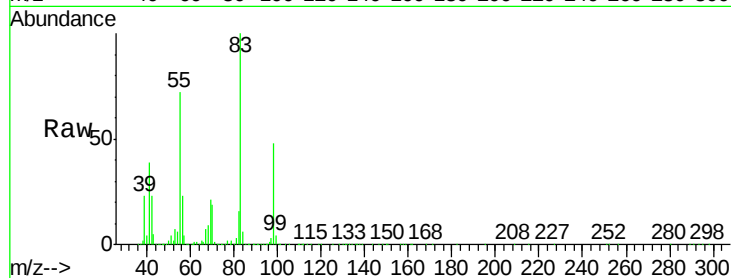
#39
Methvlcvclohexane
Concen: 50.809 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007710.D
Acq: 26 Feb 2019 13:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	322785		
55	72.3		56.2	84.2
98	47.7		36.8	55.2

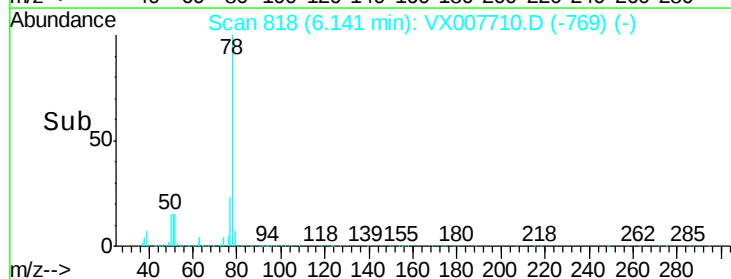
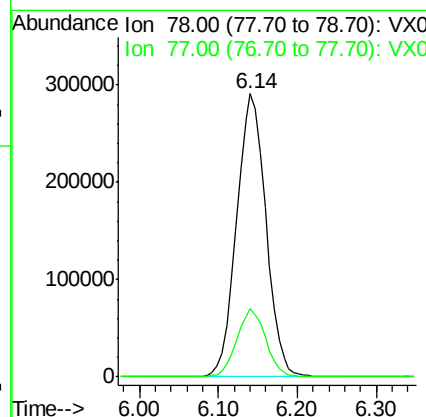
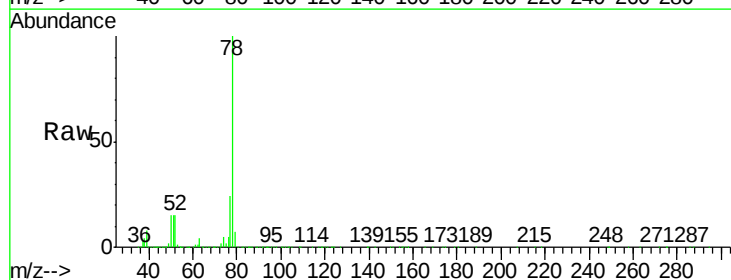
Manual Integrations
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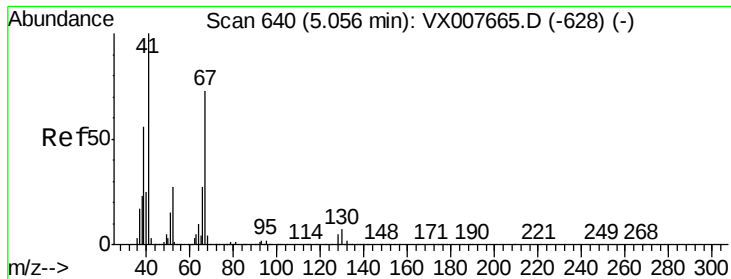
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#40
Benzene
Concen: 48.367 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007710.D
Acq: 26 Feb 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	750508		
77	24.0		19.3	28.9





#41

Methacrylonitrile

Concen: 48.338 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

Instrument :

MSVOA_X

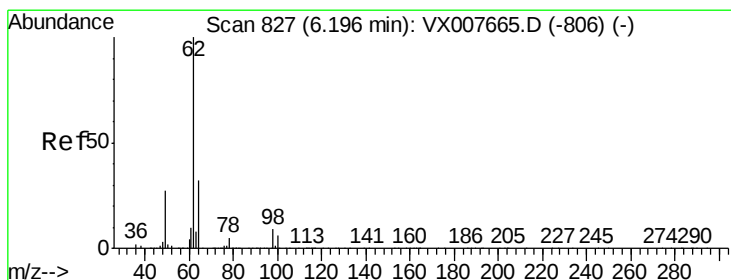
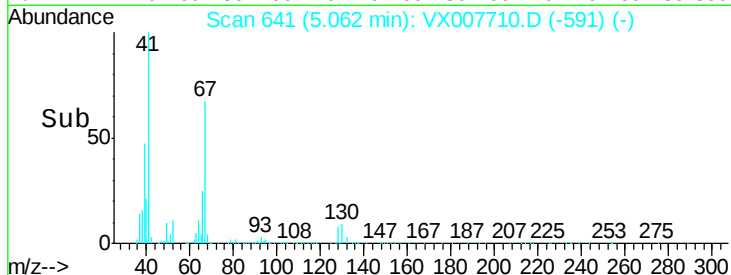
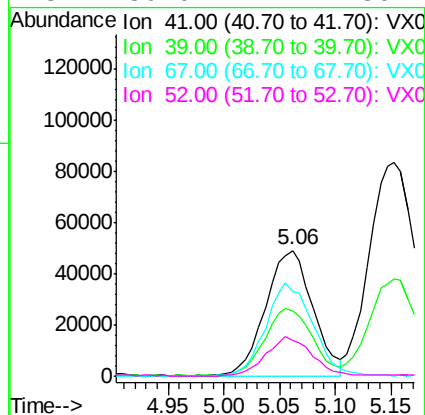
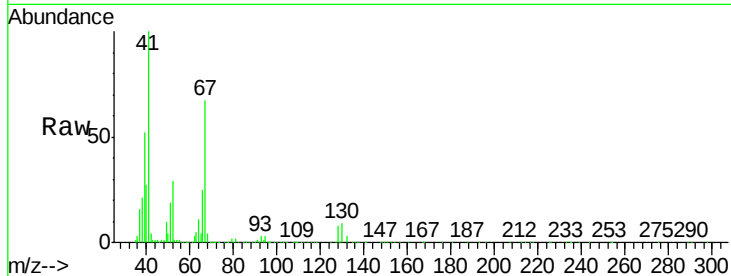
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.7	44.5	66.7	
67	75.0	60.4	90.6	
52	30.0	24.1	36.1	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 48.678 ug/l

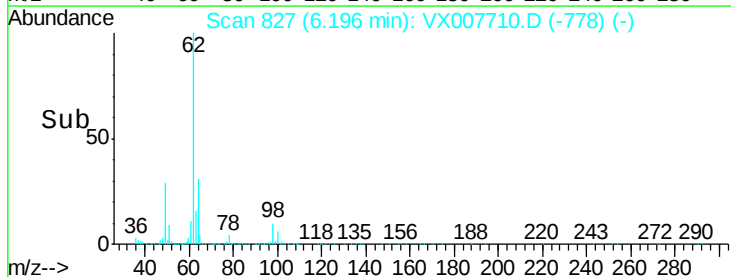
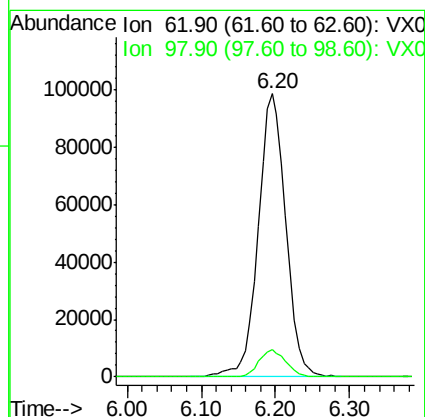
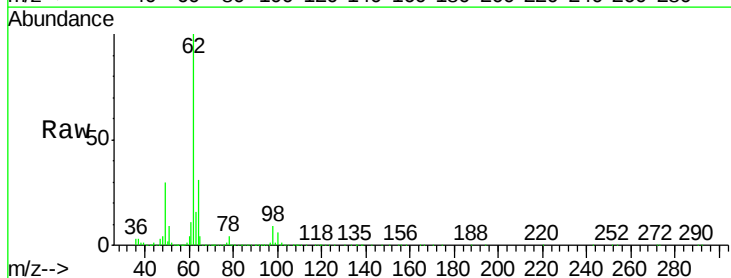
RT: 6.20 min Scan# 827

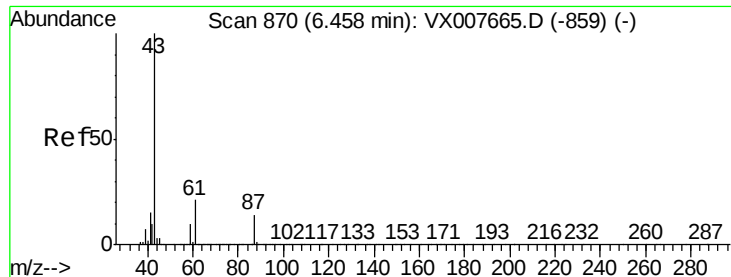
Delta R.T. -0.00 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.5	0.0	19.0	





#43

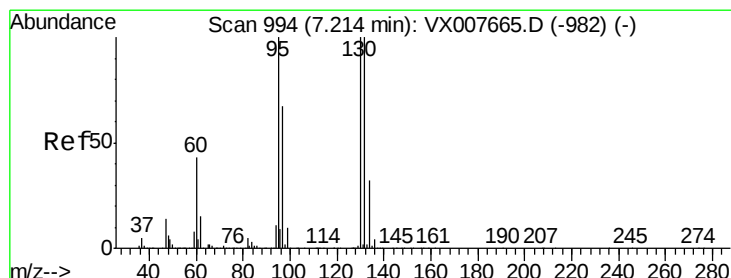
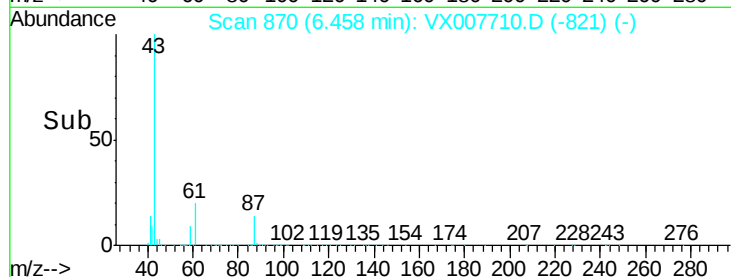
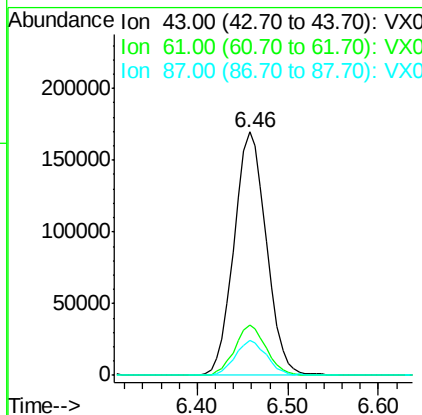
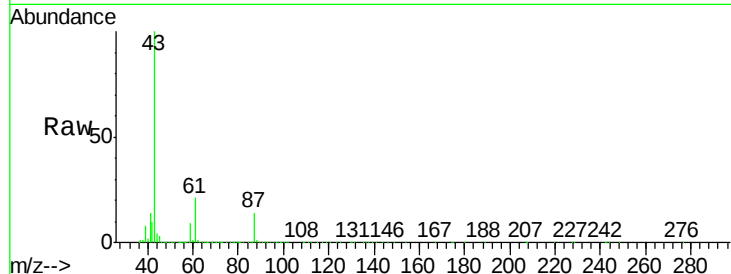
Isopropyl Acetate
 Concen: 48.568 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX007710.D
 Acq: 26 Feb 2019 13:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.0	16.1	24.1
87	13.9	11.5	17.3

Manual Integrations
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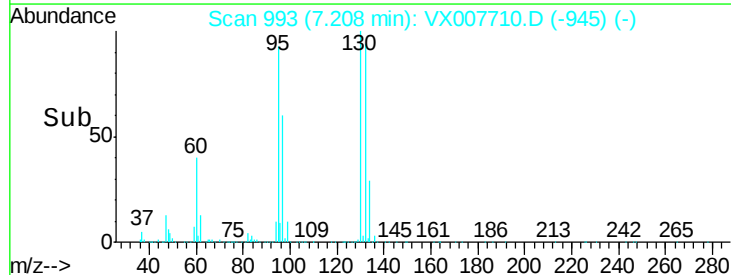
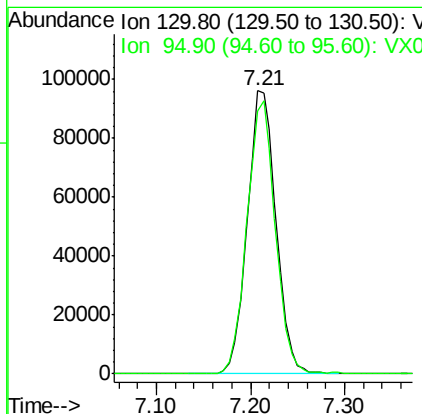
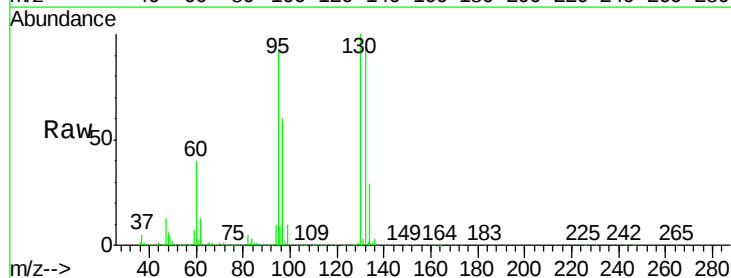
MMDadoda
 2/27/2019 10:06:51 AM

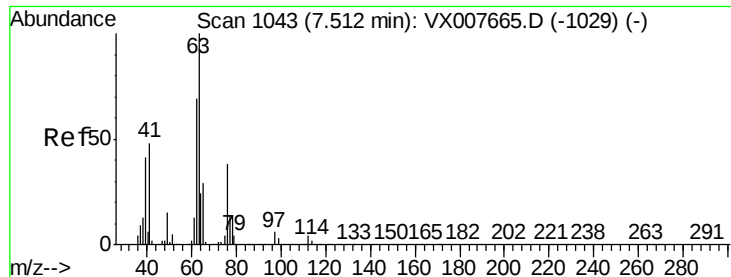


#44

Trichloroethene
 Concen: 48.181 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX007710.D
 Acq: 26 Feb 2019 13:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.6	0.0	180.0





#45

1,2-Dichloropropane

Concen: 48.314 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 194197

Ion Ratio Lower Upper

63 100

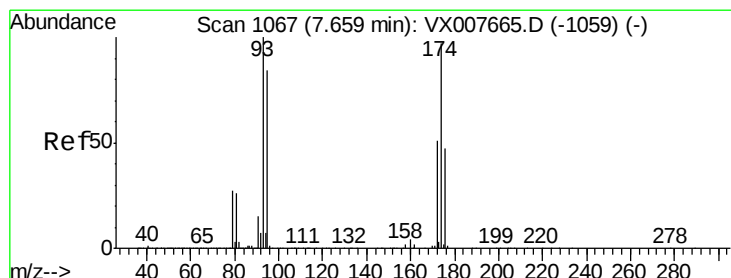
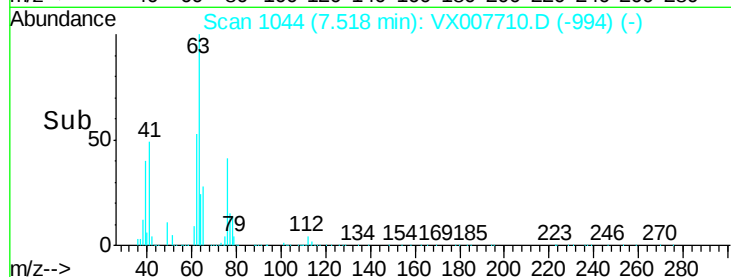
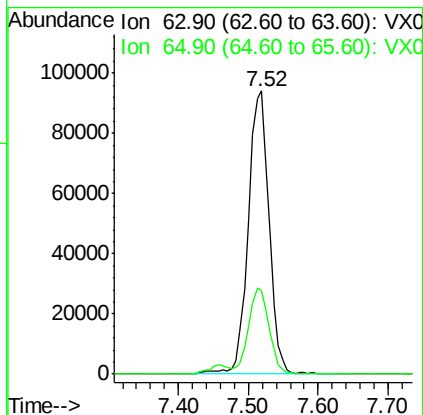
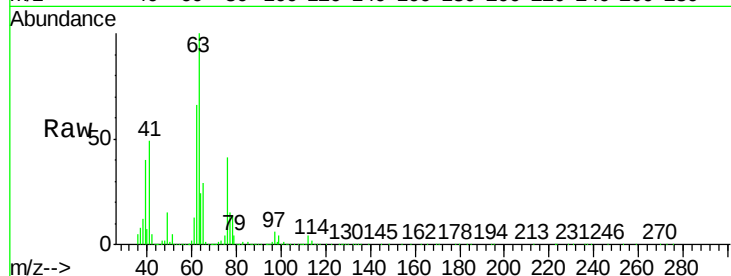
65 29.2 24.2 36.2

Manual Integrations

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#46

Dibromomethane

Concen: 47.200 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

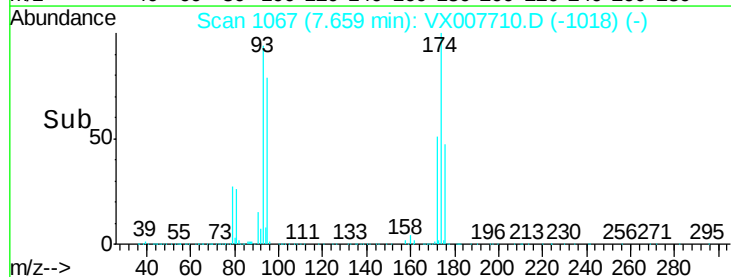
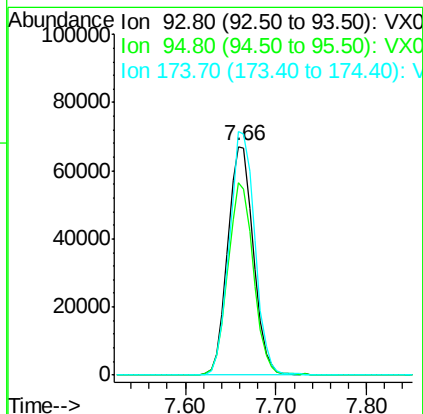
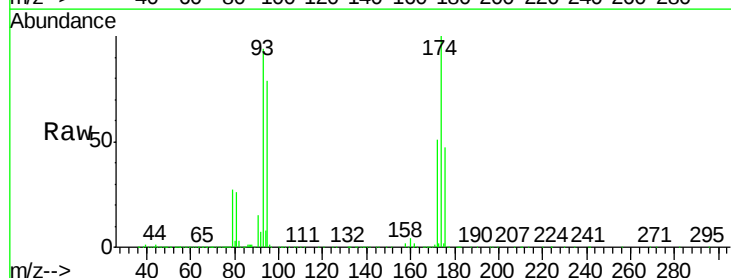
Tgt Ion: 93 Resp: 132356

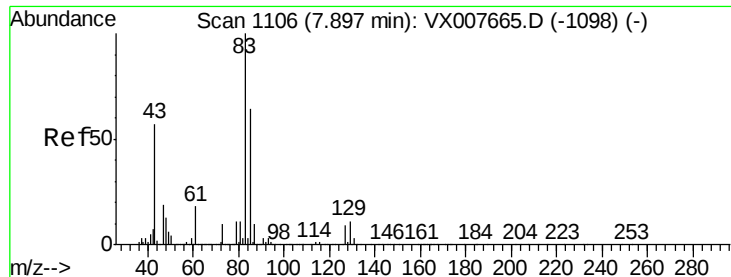
Ion Ratio Lower Upper

93 100

95 83.9 67.6 101.4

174 105.6 94.2 141.4





#47

Bromodichloromethane

Concen: 49.266 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

Instrument :

MSVOA_X

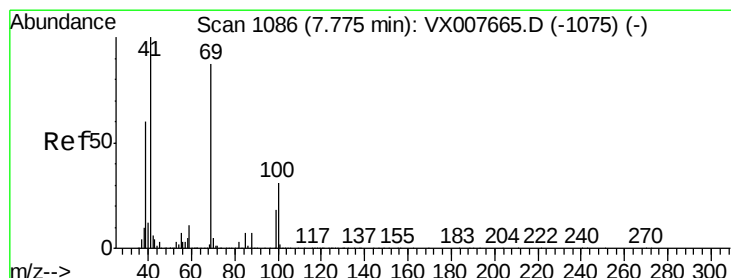
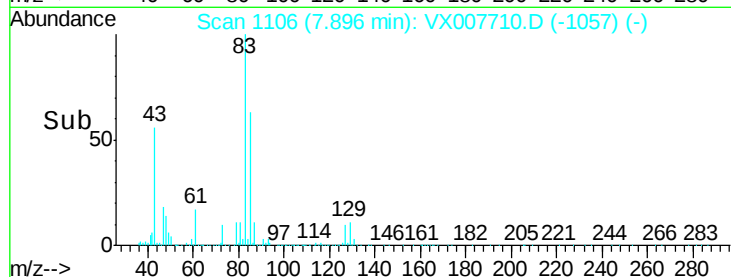
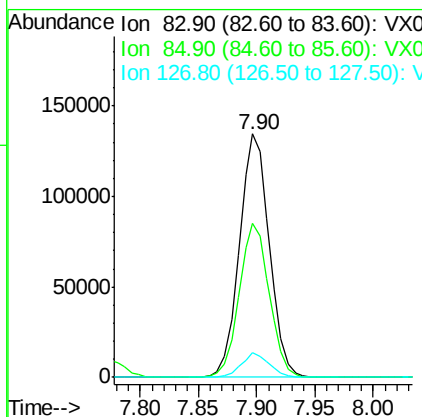
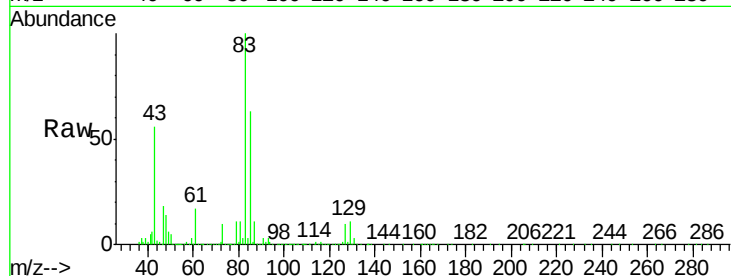
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	239408
Ion Ratio	Lower	Upper	
83	100		
85	63.0	51.4	77.0
127	10.0	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 47.314 ug/l

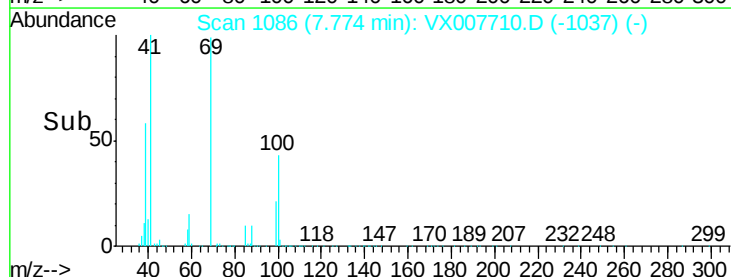
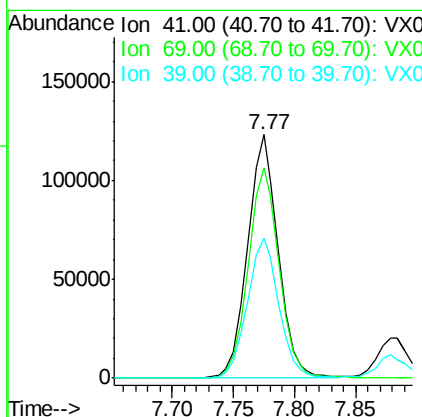
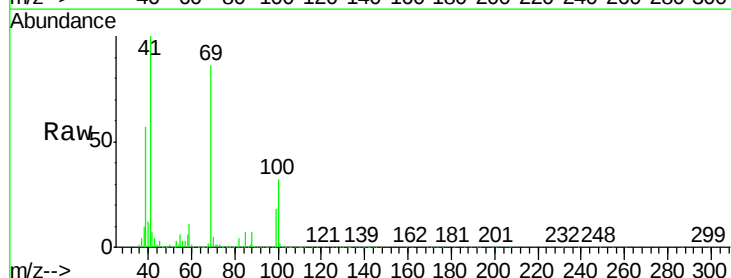
RT: 7.77 min Scan# 1086

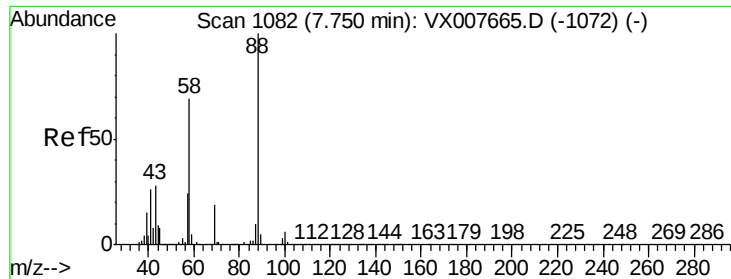
Delta R.T. -0.00 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

Tgt Ion:	41	Resp:	213135
Ion Ratio	Lower	Upper	
41	100		
69	87.6	70.2	105.4
39	58.7	47.4	71.0





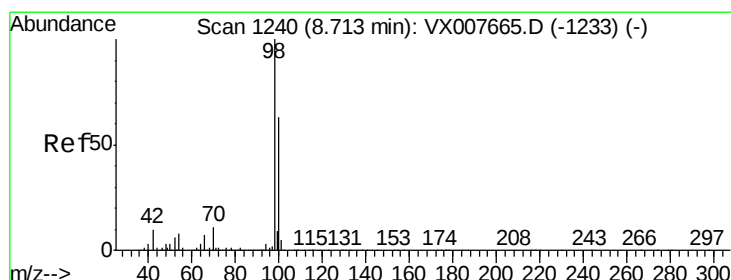
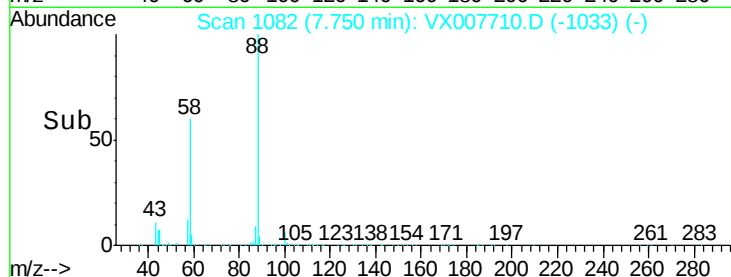
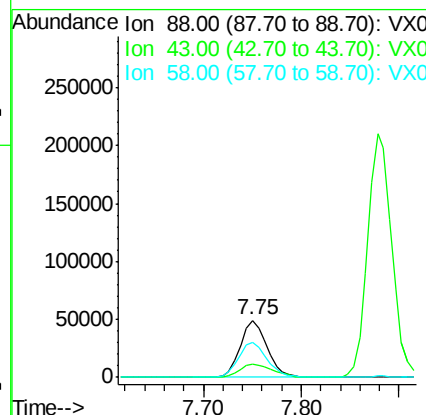
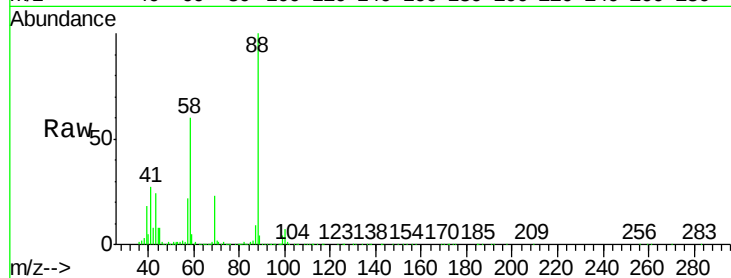
#49
1,4-Dioxane
Concen: 946.233 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX007710.D
Acq: 26 Feb 2019 13:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.9	24.2	36.4
58	66.2	53.0	79.4

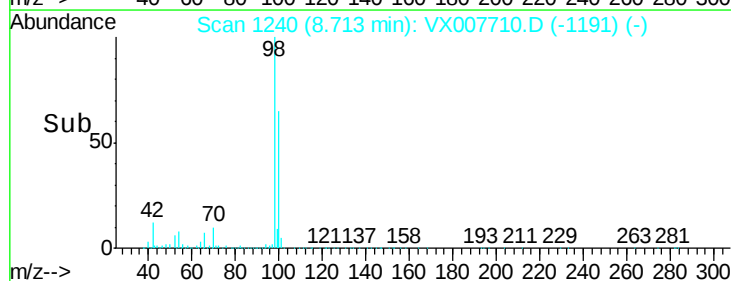
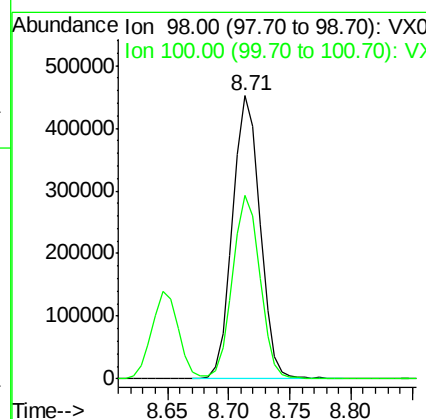
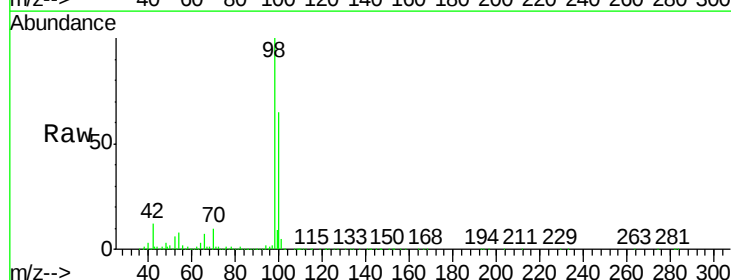
Manual Integrations
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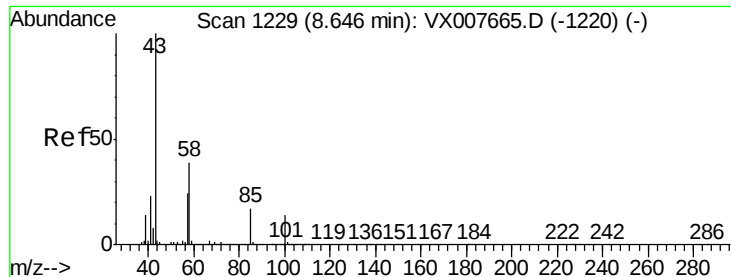
MMDadoda
2/27/2019 10:06:51 AM



#50
Toluene-d8
Concen: 48.985 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007710.D
Acq: 26 Feb 2019 13:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 239.030 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1375014

Ion Ratio Lower Upper

43 100

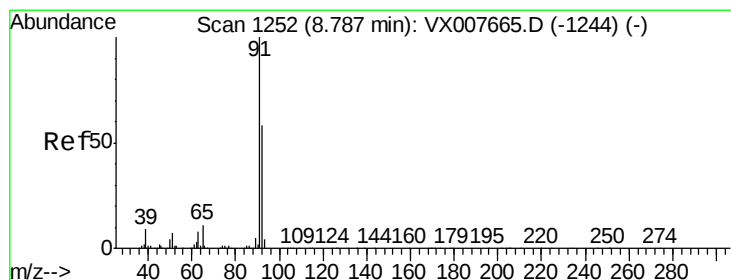
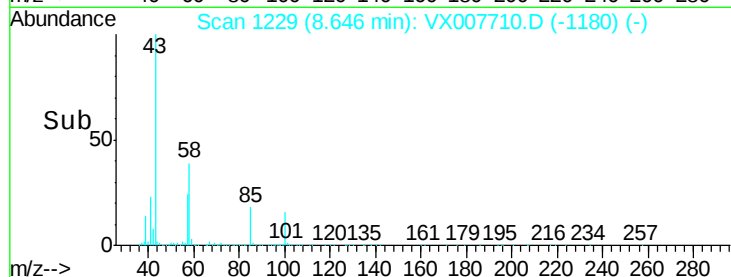
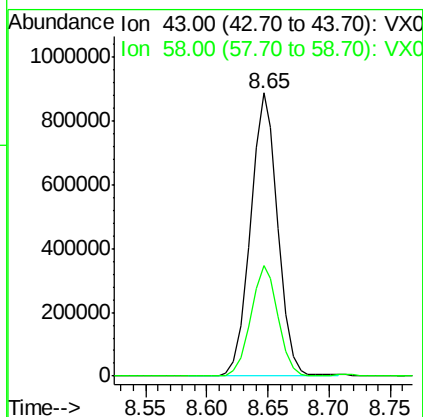
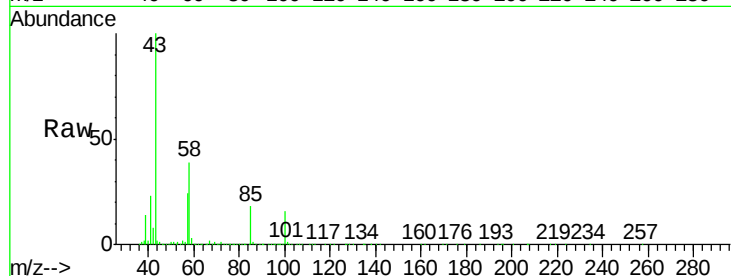
58 38.9 31.2 46.8

Manual Integrations

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#52

Toluene

Concen: 48.985 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007710.D

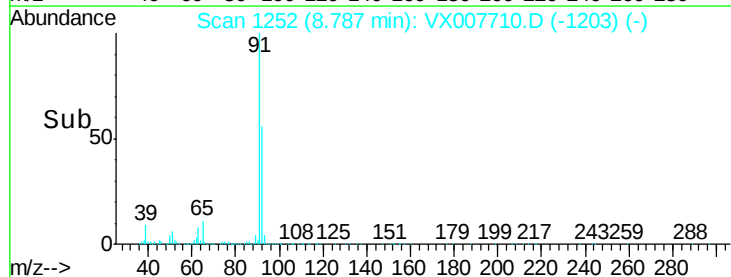
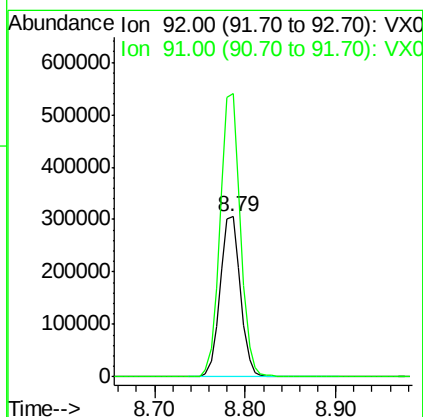
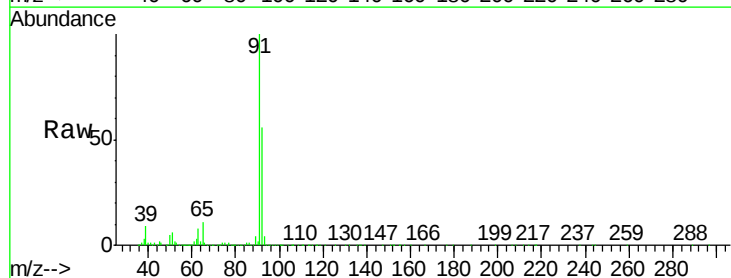
Acq: 26 Feb 2019 13:32

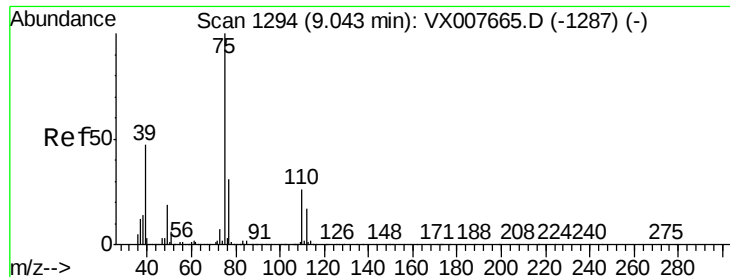
Tgt Ion: 92 Resp: 479304

Ion Ratio Lower Upper

92 100

91 176.2 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 45.752 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 274886

Ion Ratio Lower Upper

75 100

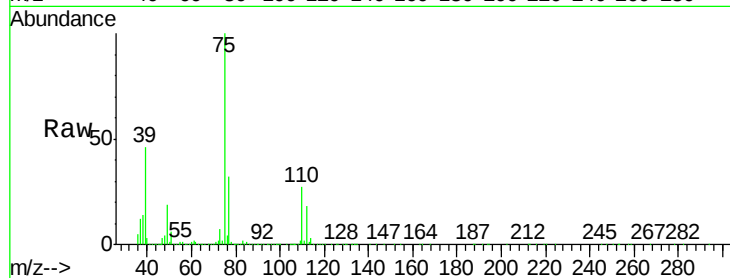
77 31.9 25.2 37.8

Manual Integrations

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

200000

150000

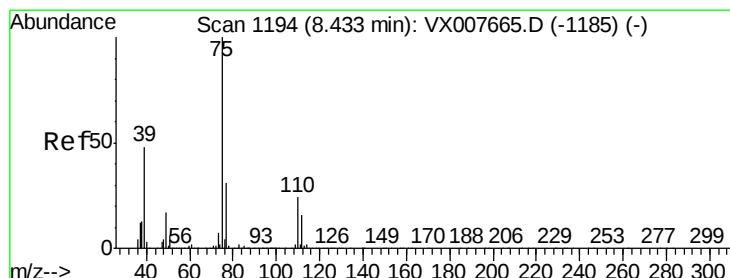
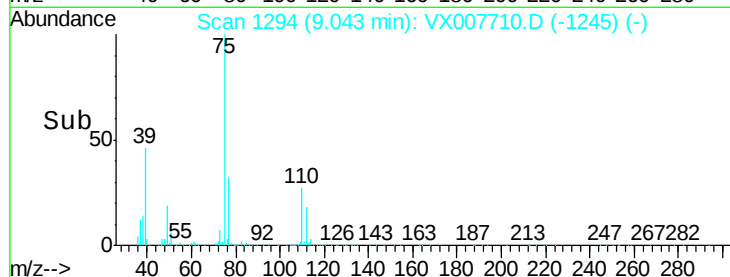
100000

50000

0

Time--> 8.95 9.00 9.05 9.10

9.04



#54

cis-1,3-Dichloropropene

Concen: 50.420 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

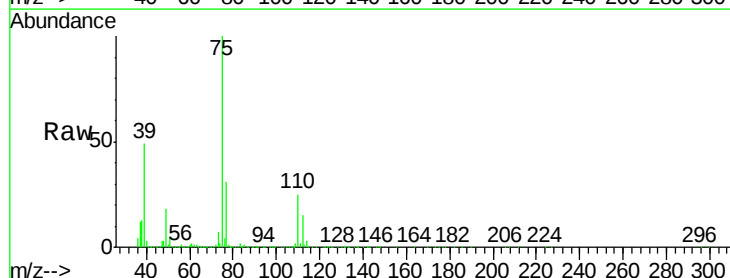
Tgt Ion: 75 Resp: 297335

Ion Ratio Lower Upper

75 100

77 31.2 26.2 39.4

39 49.1 37.1 55.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

250000

200000

150000

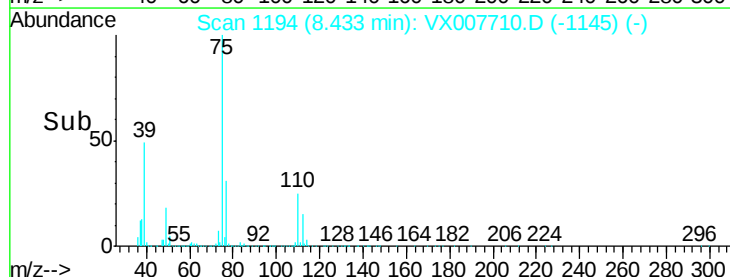
100000

50000

0

Time--> 8.35 8.40 8.45 8.50 8.55

8.43





#55

1,1,2-Trichloroethane

Concen: 48.411 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

Instrument :

MSVOA_X

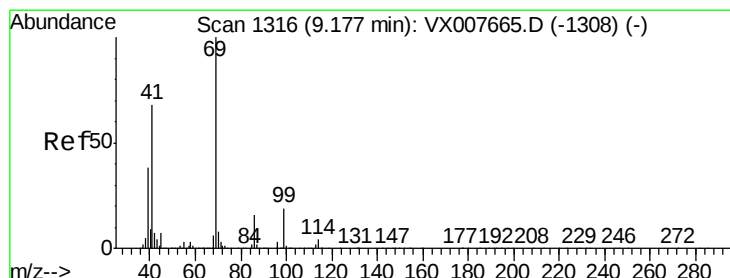
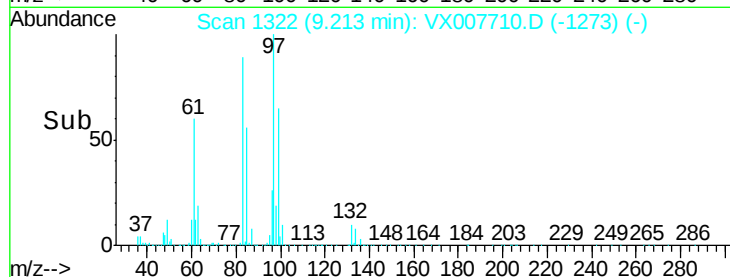
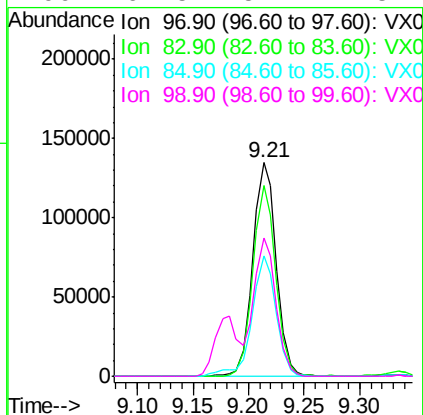
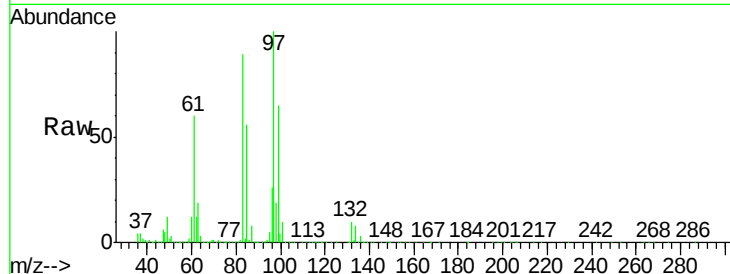
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		197533		
83	89.4	68.6	102.8		
85	56.2	44.5	66.7		
99	64.5	52.2	78.4		

Manual Integrations
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#56

Ethyl methacrylate

Concen: 49.174 ug/l

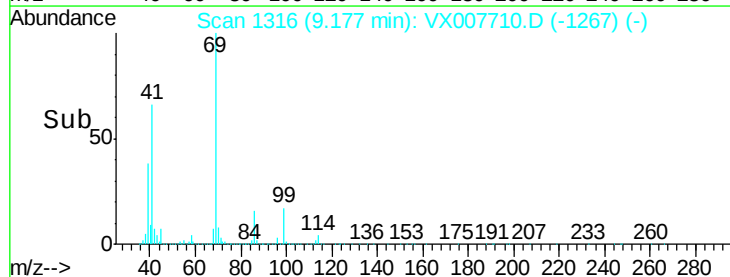
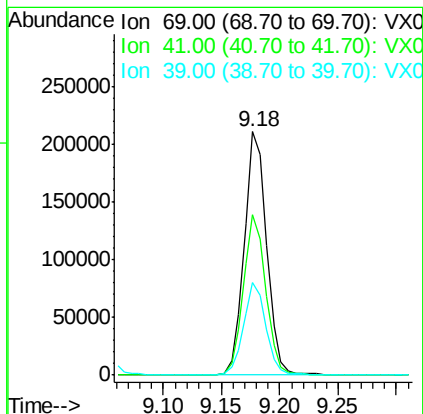
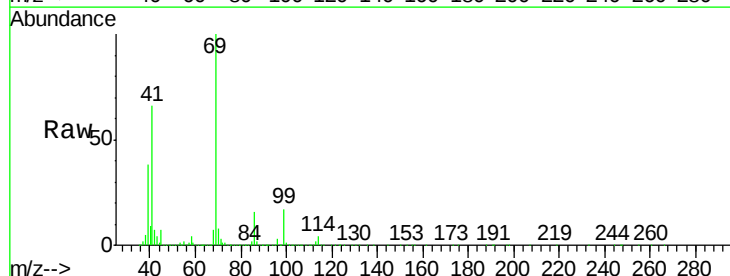
RT: 9.18 min Scan# 1316

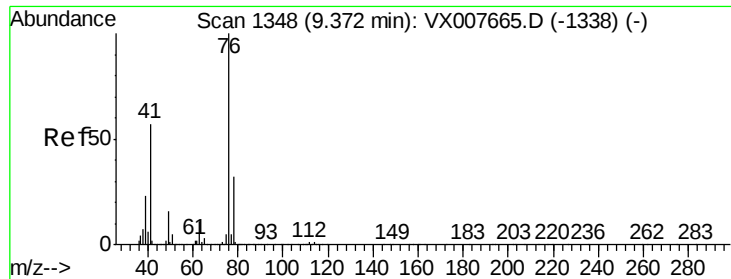
Delta R.T. -0.00 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		285333		
41	65.7	52.1	78.1		
39	37.6	30.1	45.1		





#57

1,3-Dichloropropane

Concen: 48.950 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 319727

Ion Ratio Lower Upper

76 100

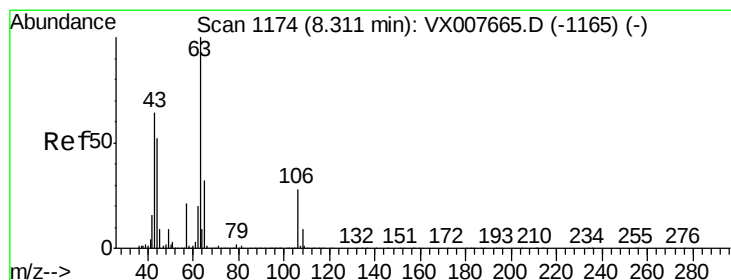
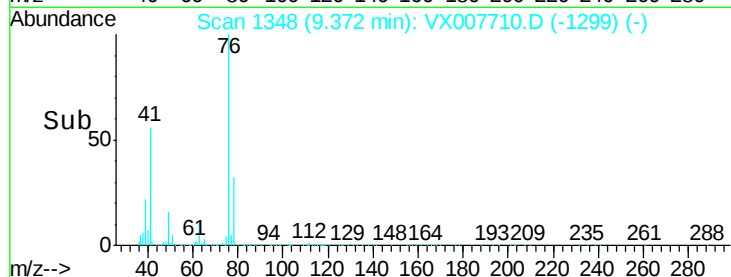
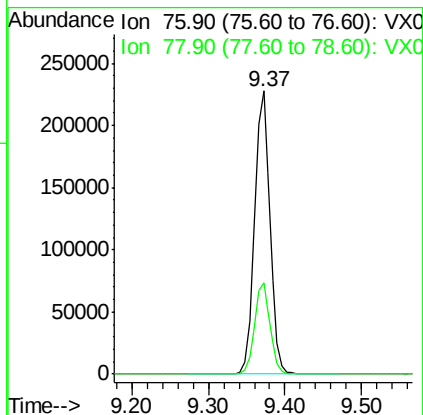
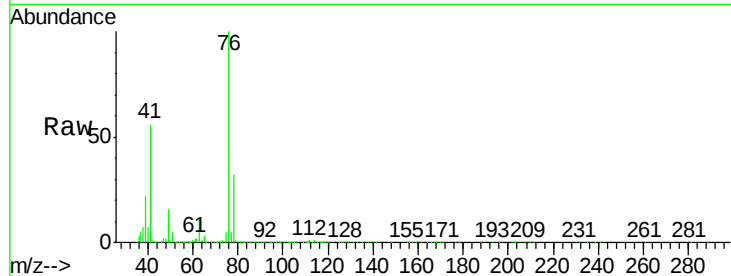
78 32.1 25.8 38.8

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 271.994 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007710.D

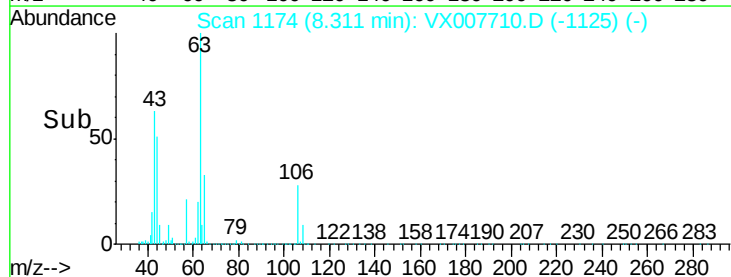
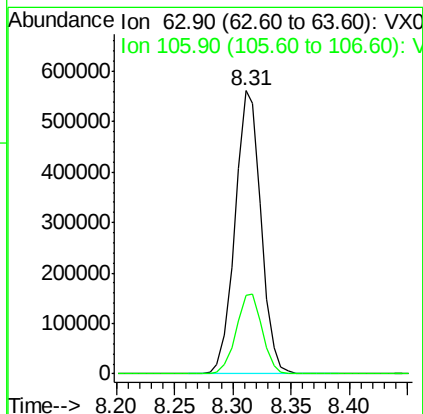
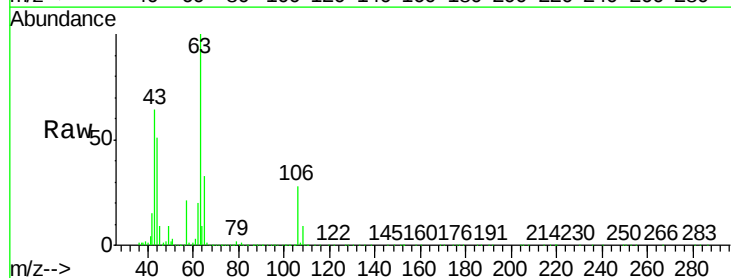
Acq: 26 Feb 2019 13:32

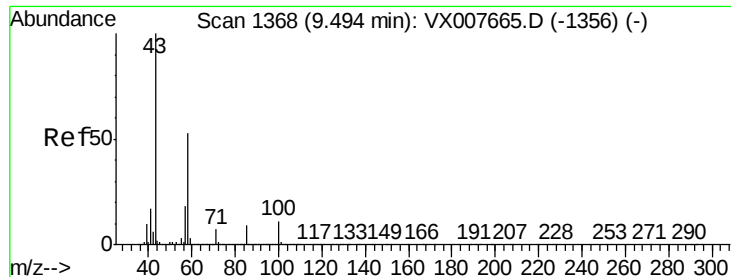
Tgt Ion: 63 Resp: 870321

Ion Ratio Lower Upper

63 100

106 28.5 23.6 35.4





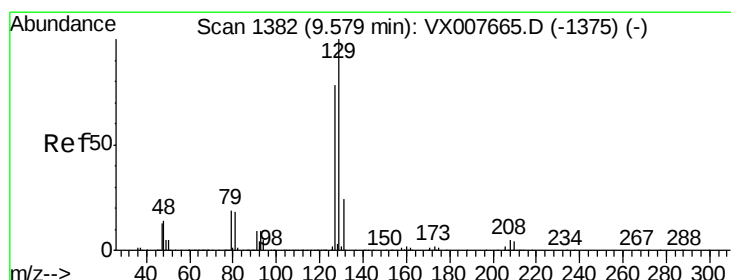
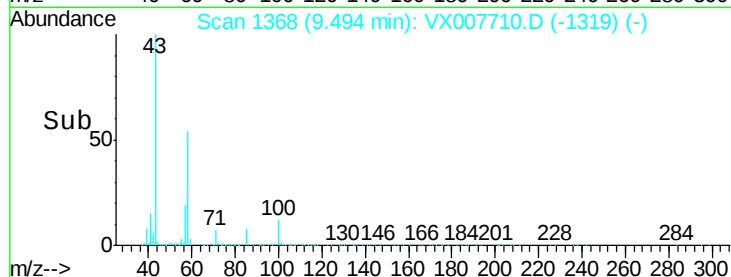
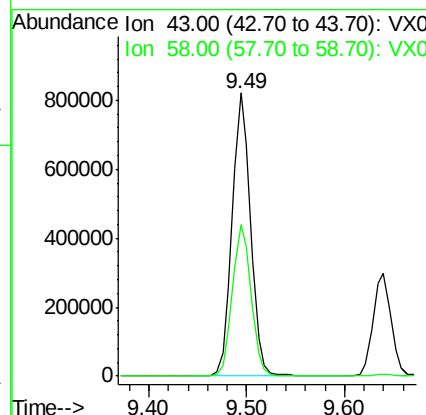
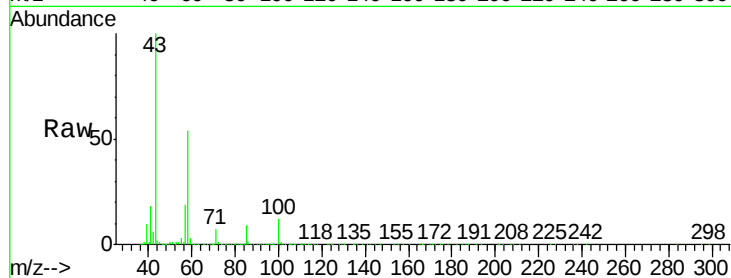
#59
2-Hexanone
Concen: 238.715 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007710.D
Acq: 26 Feb 2019 13:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1078091
Ion Ratio Lower Upper
43 100
58 54.5 27.1 81.3

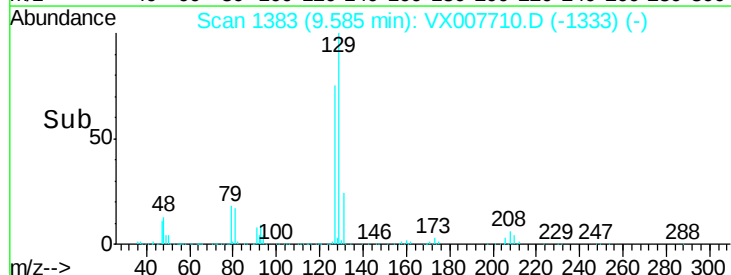
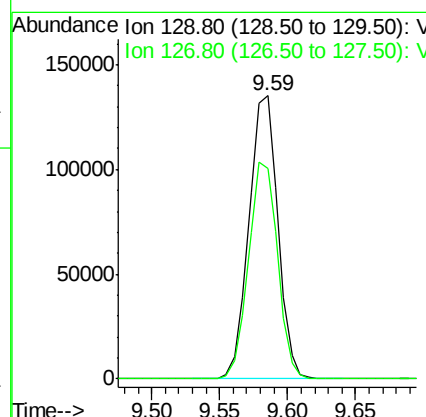
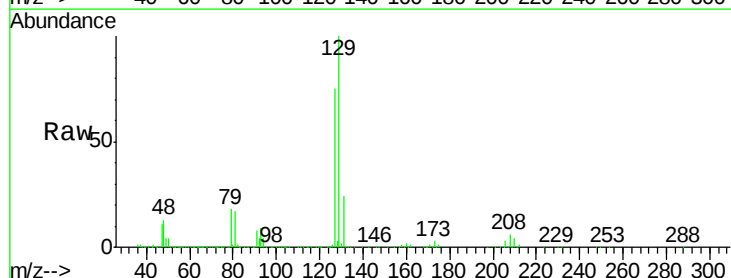
Manual Integrations
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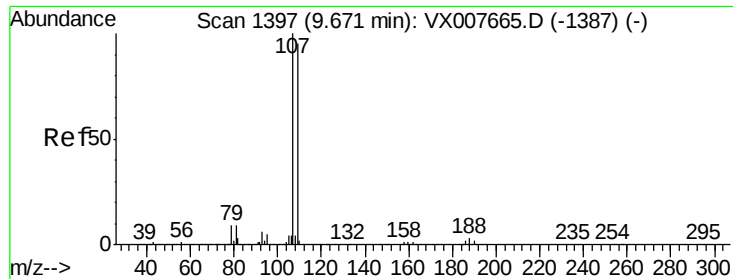
MMDadoda
2/27/2019 10:06:51 AM



#60
Dibromochloromethane
Concen: 51.545 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007710.D
Acq: 26 Feb 2019 13:32

Tgt Ion: 129 Resp: 202375
Ion Ratio Lower Upper
129 100
127 76.9 37.8 113.4





#61

1,2-Dibromoethane

Concen: 49.160 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 208263

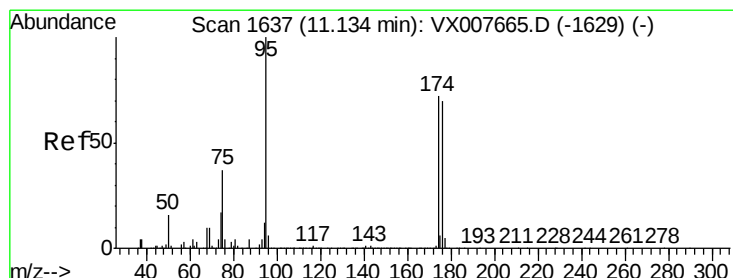
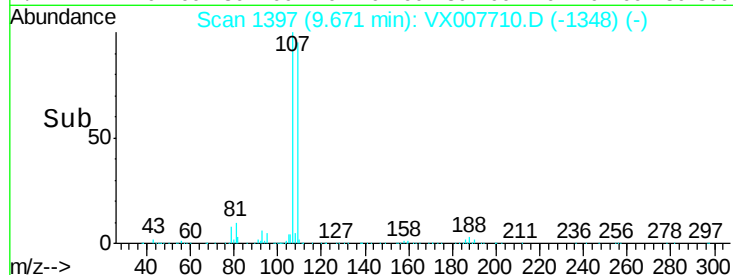
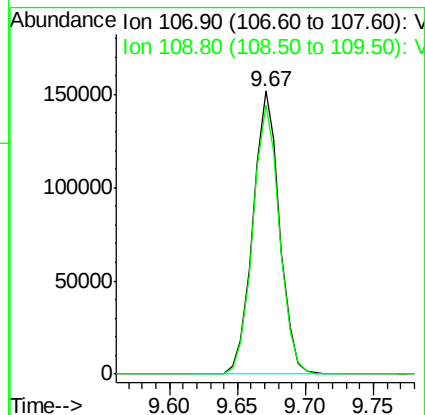
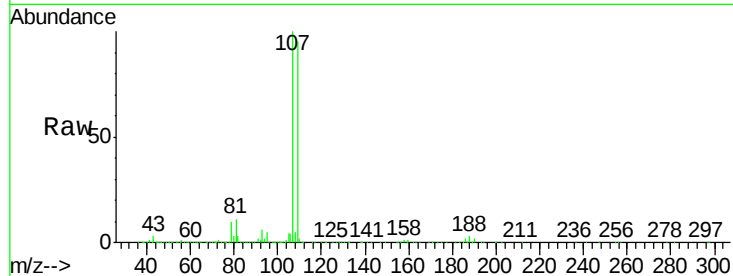
Ion Ratio Lower Upper

107 100

109 95.4 75.1 112.7

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#62

4-Bromofluorobenzene

Concen: 48.170 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

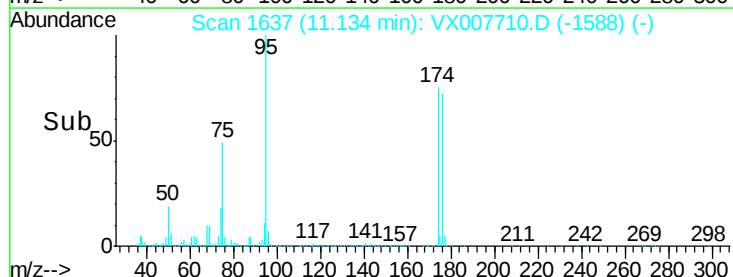
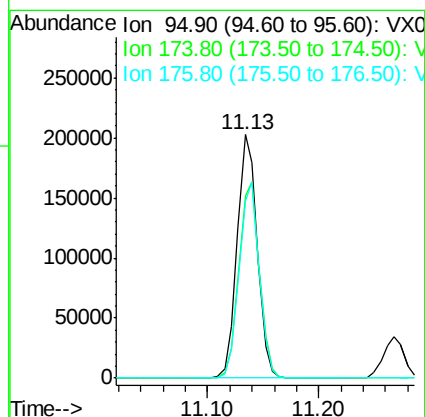
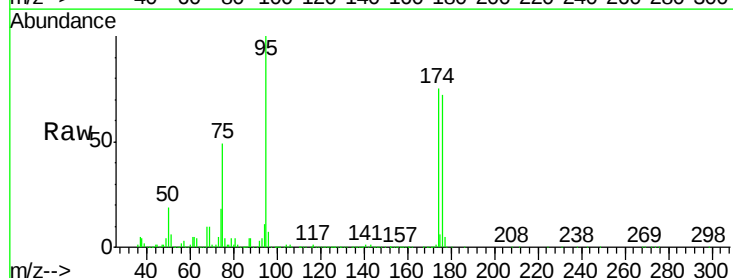
Tgt Ion: 95 Resp: 252980

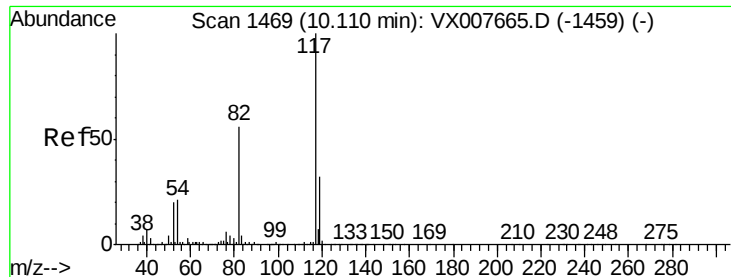
Ion Ratio Lower Upper

95 100

174 82.5 0.0 189.2

176 80.4 0.0 186.2





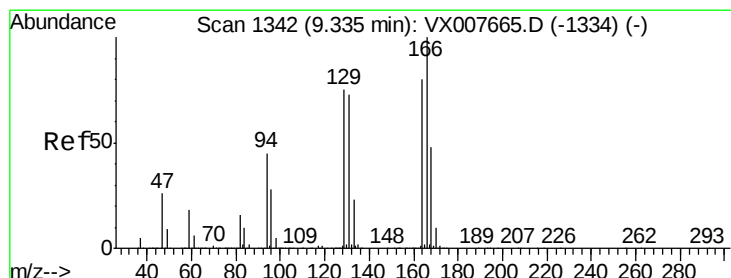
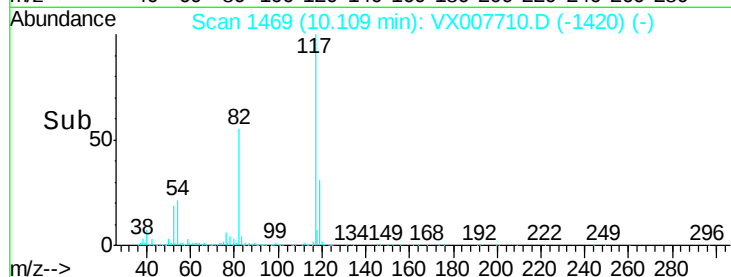
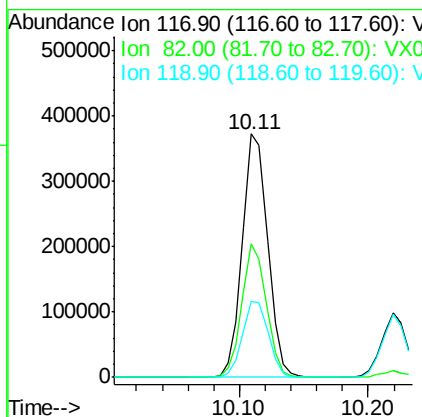
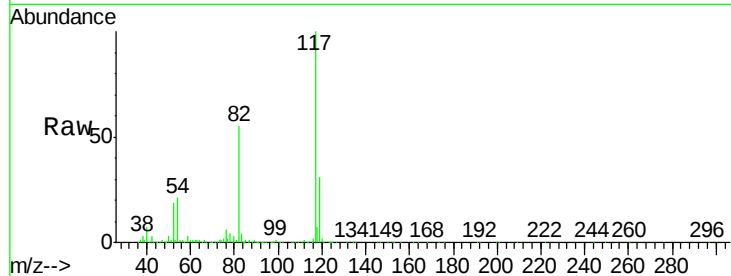
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007710.D
Acq: 26 Feb 2019 13:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	42.1	63.1
119	31.4	26.5	39.7

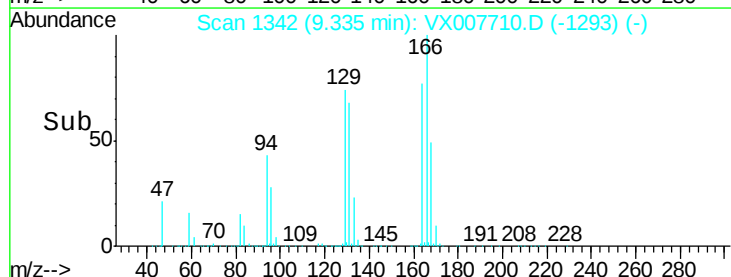
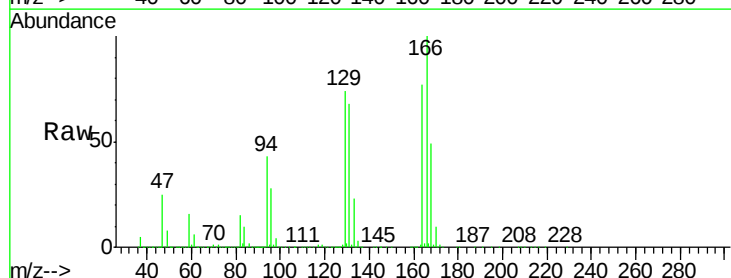
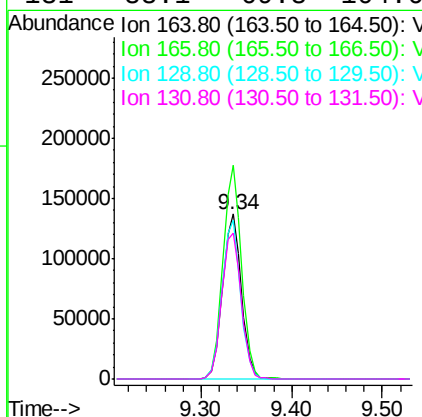
Manual Integrations
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#64
Tetrachloroethene
Concen: 48.241 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007710.D
Acq: 26 Feb 2019 13:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.4	101.0	151.4
129	96.3	70.5	105.7
131	88.1	69.8	104.6





#65

Chlorobenzene

Concen: 48.704 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 536916

Ion Ratio Lower Upper

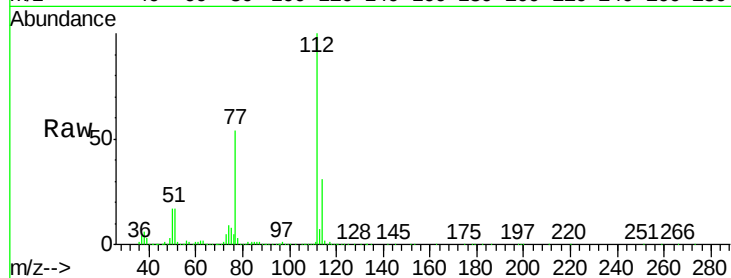
112 100

114 31.4 25.8 38.6

Manual Integrations
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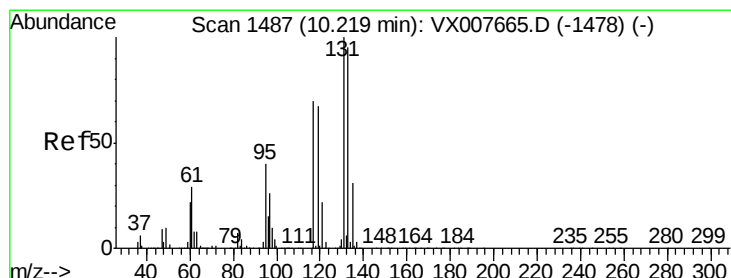
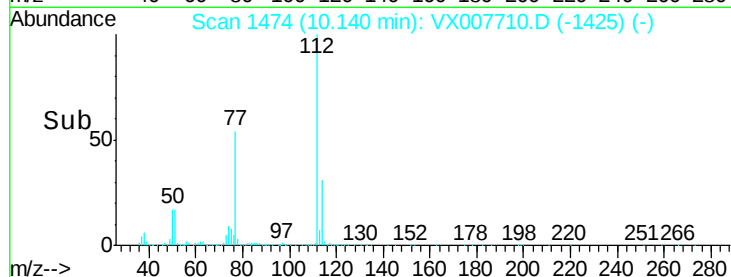
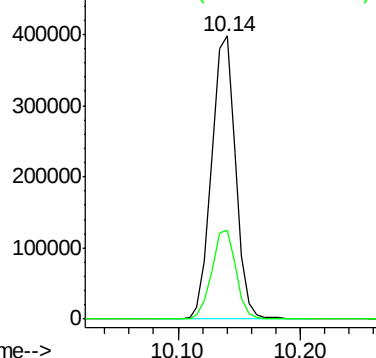
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.241 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

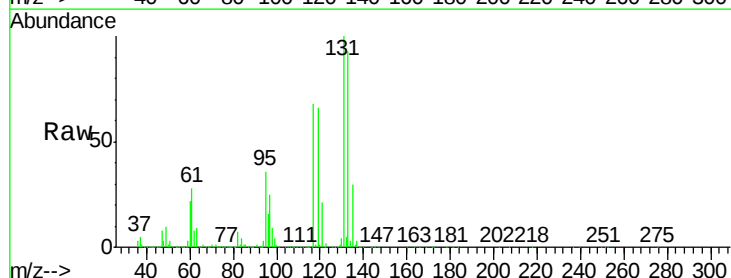
Tgt Ion:131 Resp: 193198

Ion Ratio Lower Upper

131 100

133 94.0 48.0 144.2

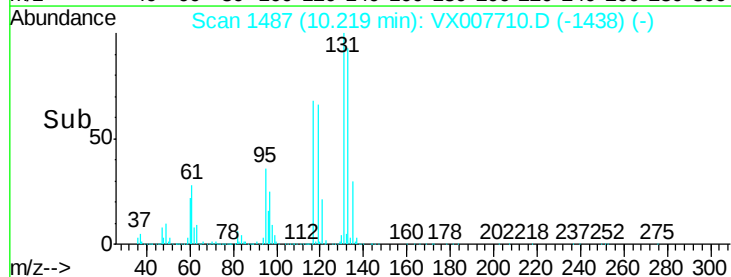
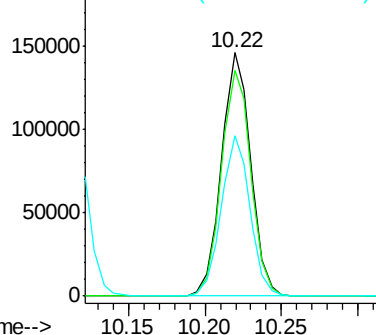
119 64.3 32.0 96.0



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





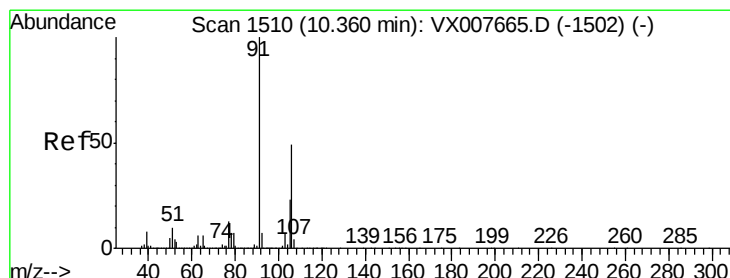
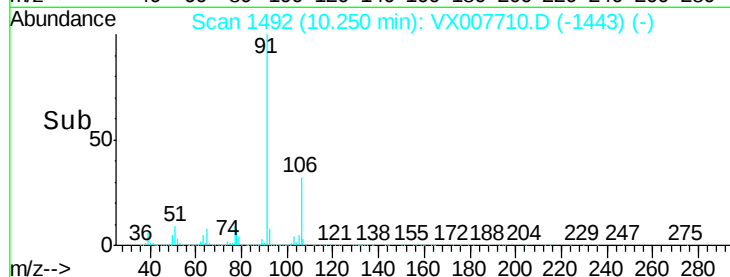
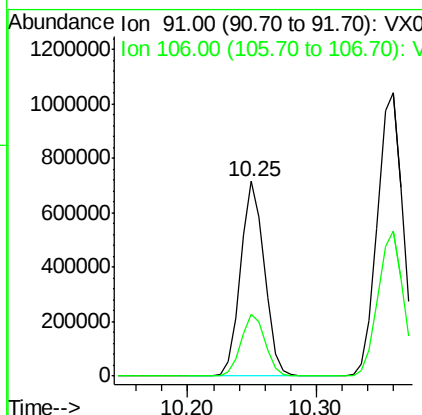
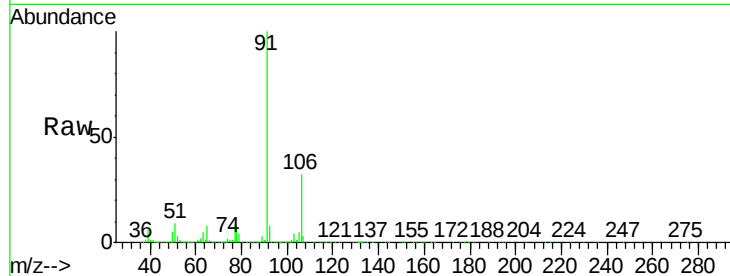
#67
Ethyl Benzene
Concen: 50.150 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007710.D
Acq: 26 Feb 2019 13:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 915829
Ion Ratio Lower Upper
91 100
106 31.9 25.4 38.0

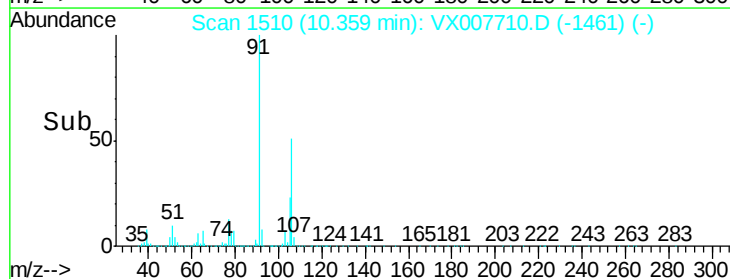
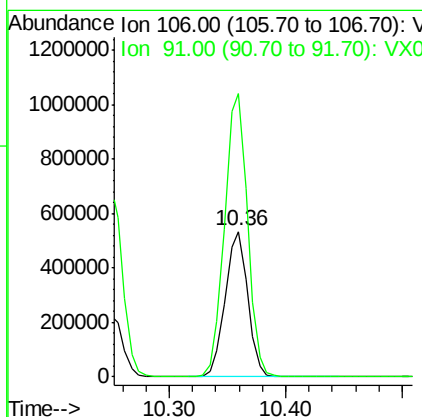
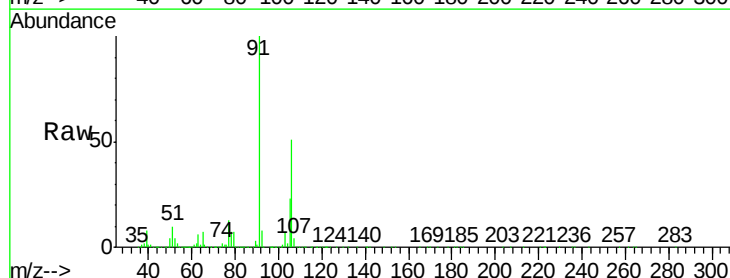
Manual Integrations
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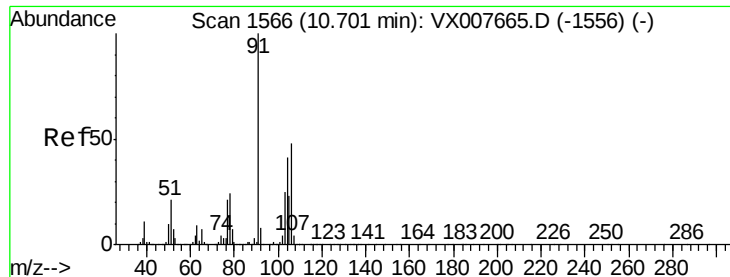
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#68
m/p-Xylenes
Concen: 100.597 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007710.D
Acq: 26 Feb 2019 13:32

Tgt Ion: 106 Resp: 714689
Ion Ratio Lower Upper
106 100
91 198.6 156.6 234.8





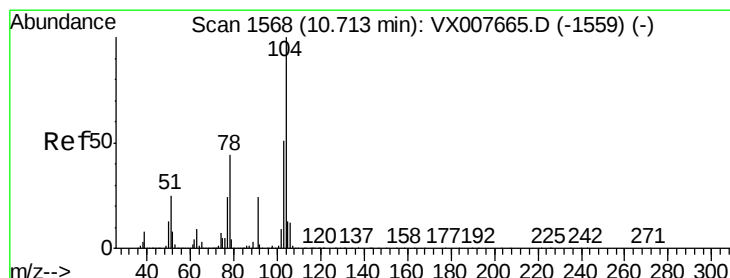
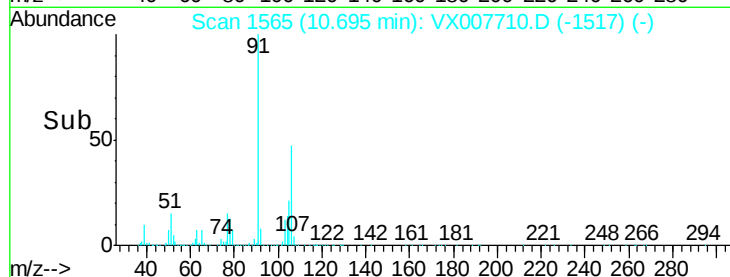
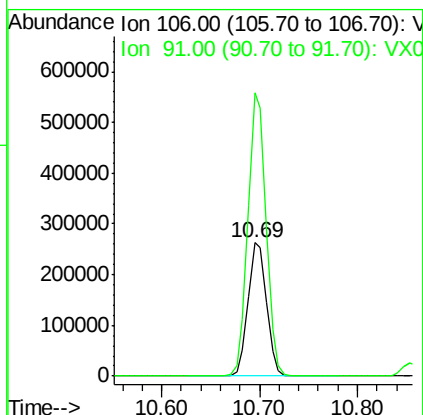
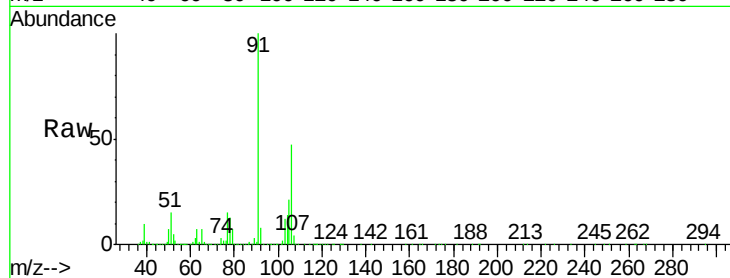
#69
o-Xylene
Concen: 50.631 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007710.D
Acq: 26 Feb 2019 13:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	207.7	102.9	308.7

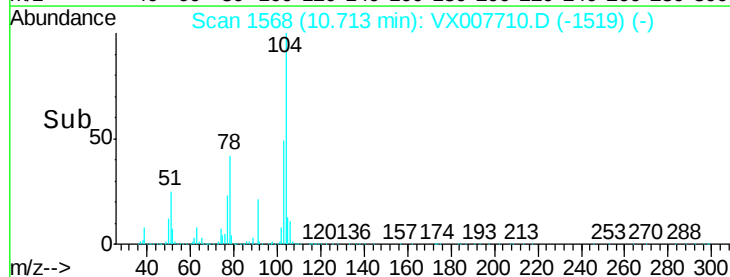
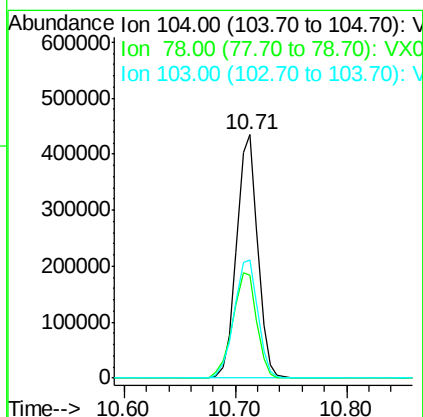
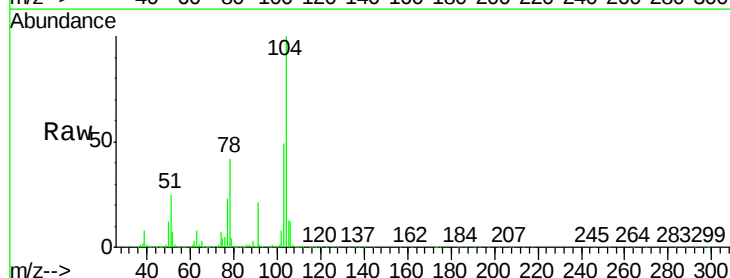
Manual Integrations
APPROVED

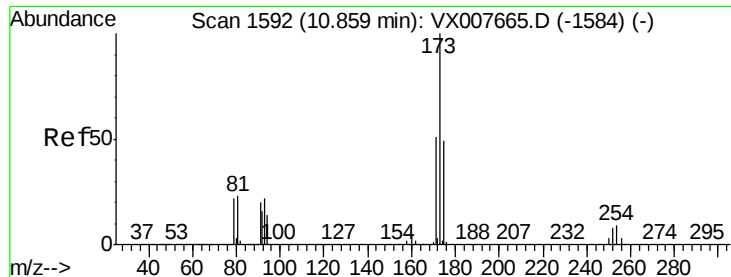
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#70
Styrene
Concen: 50.888 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007710.D
Acq: 26 Feb 2019 13:32

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.1	38.3	57.5
103	54.8	44.6	67.0





#71

Bromoform

Concen: 48.968 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

Instrument :

MSVOA_X

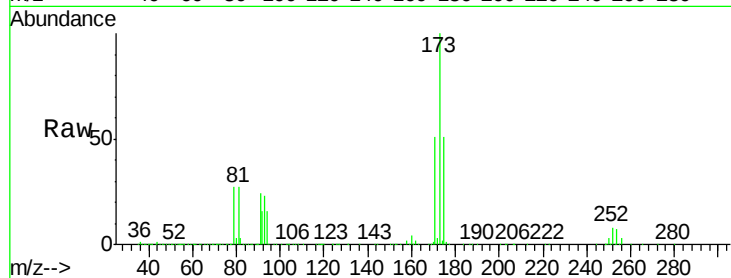
ClientSampled :

VSTDCCC050

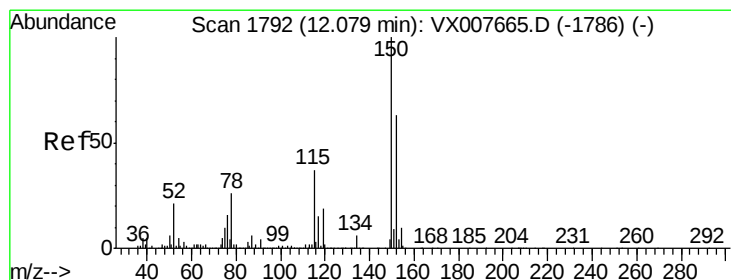
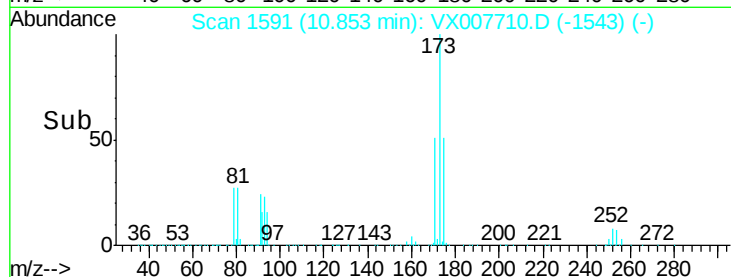
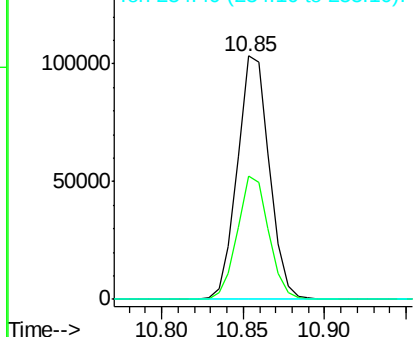
Tot Ion:	173	Resp:	141206
Ion Ratio	Lower	Upper	
173	100		
175	49.8	24.2	72.6
254	0.2	0.2	0.2

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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

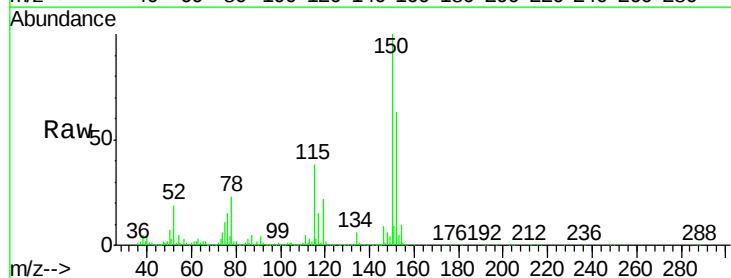
RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

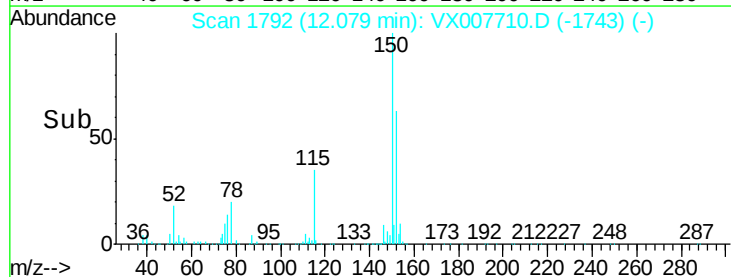
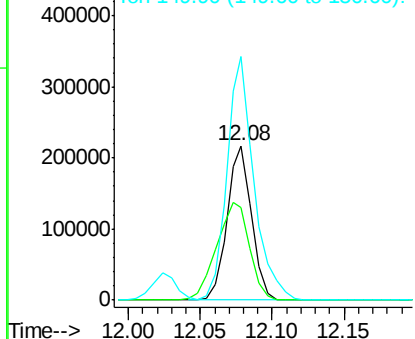
Lab File: VX007710.D

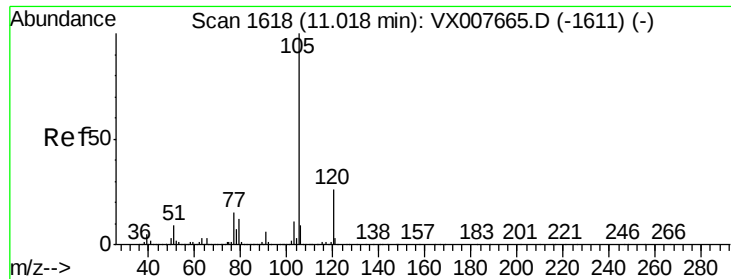
Acq: 26 Feb 2019 13:32

Tgt Ion:	152	Resp:	259397
Ion Ratio	Lower	Upper	
152	100		
115	83.5	38.0	114.0
150	173.0	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: 50.197 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 930620

Ion Ratio Lower Upper

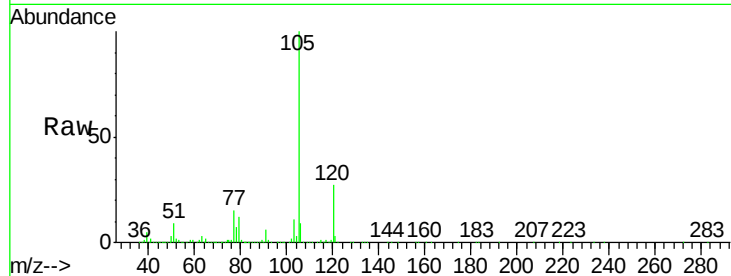
105 100

120 26.9 13.6 40.7

Manual Integrations
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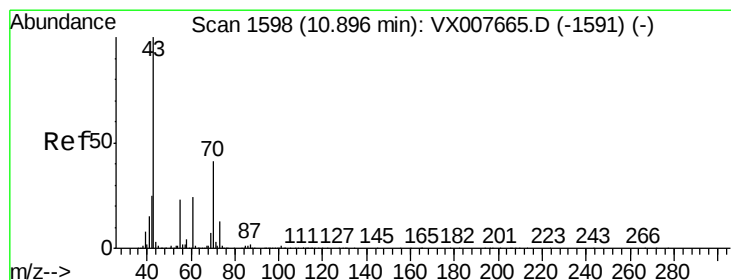
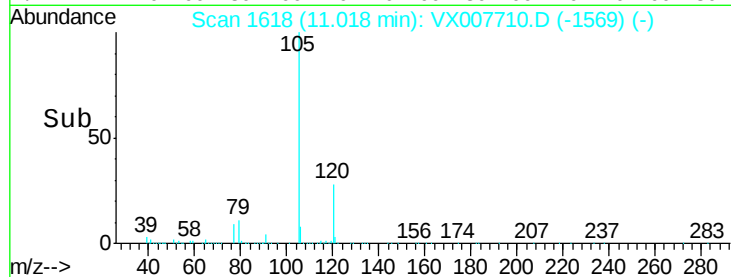
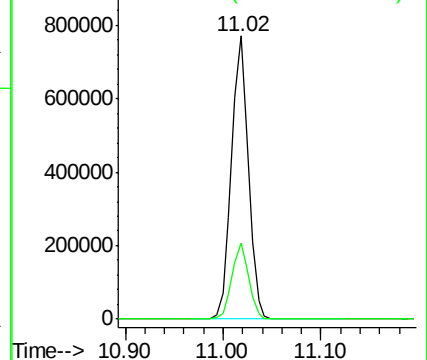
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.205 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

Tgt Ion: 43 Resp: 388094

Ion Ratio Lower Upper

43 100

70 41.6 33.8 50.6

55 24.3 19.5 29.3

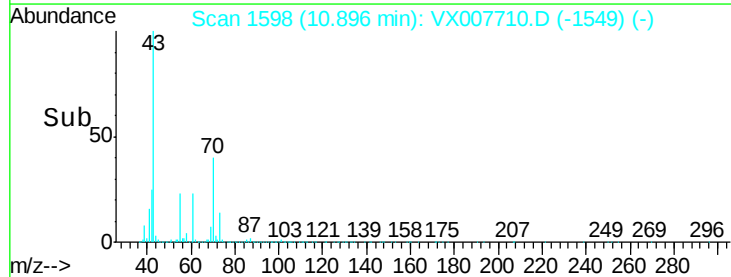
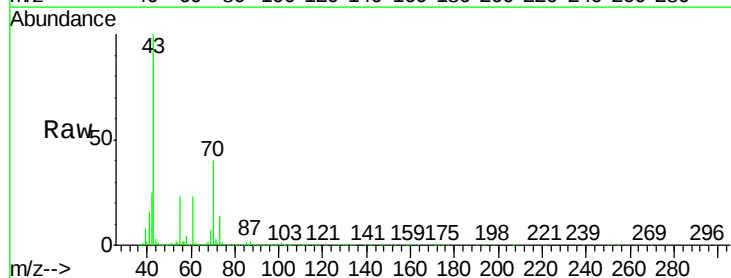
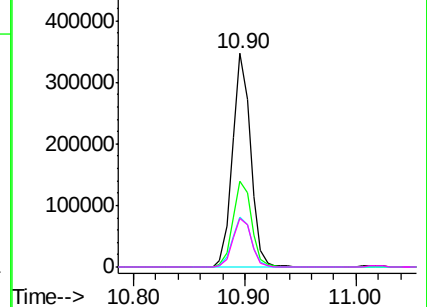
61 23.7 19.4 29.2

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.455 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

Instrument :

MSVOA_X

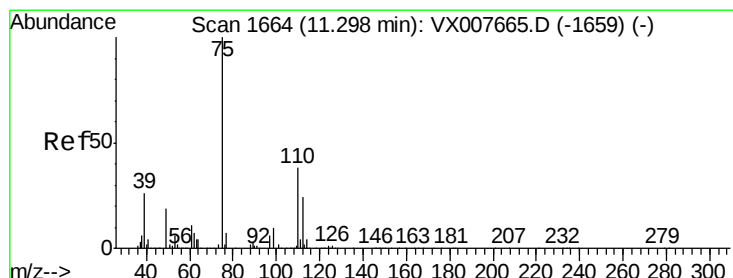
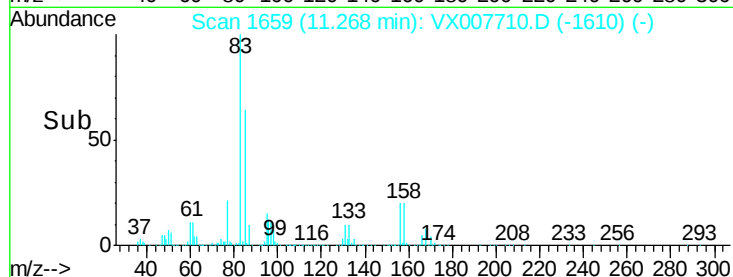
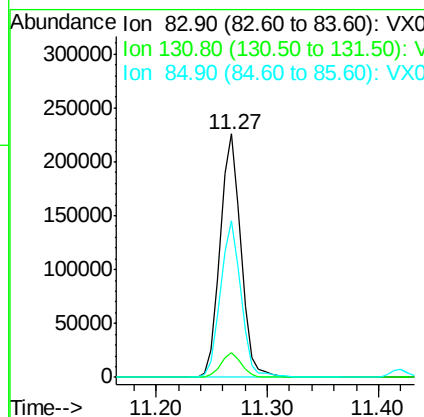
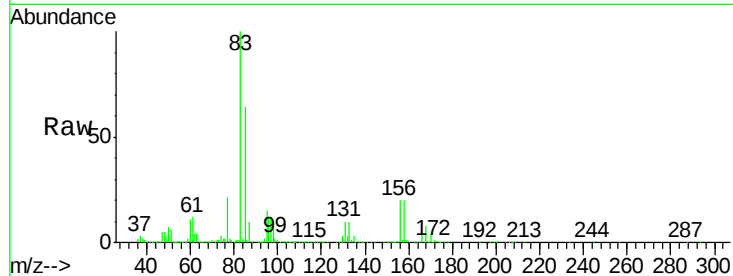
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	291465
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.7	17.0
85	64.1	32.8	98.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 43.210 ug/l m

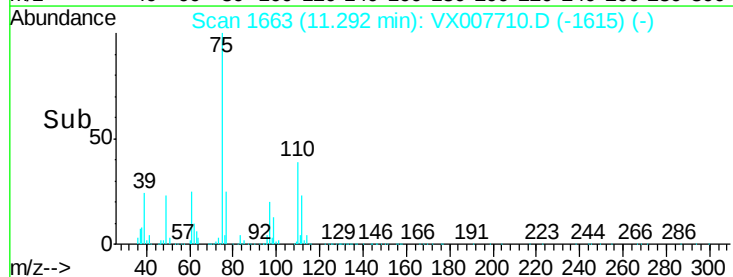
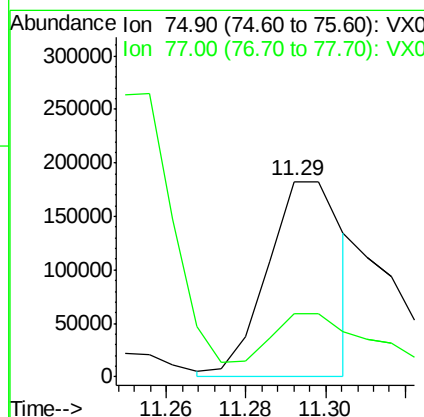
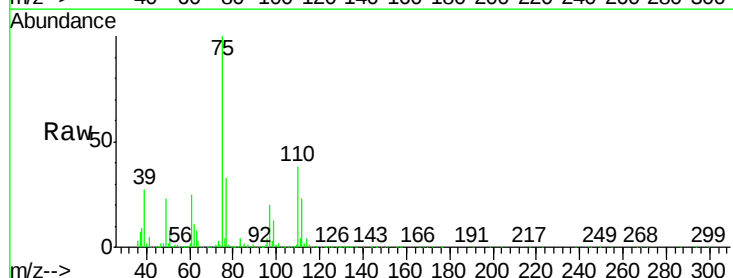
RT: 11.29 min Scan# 1663

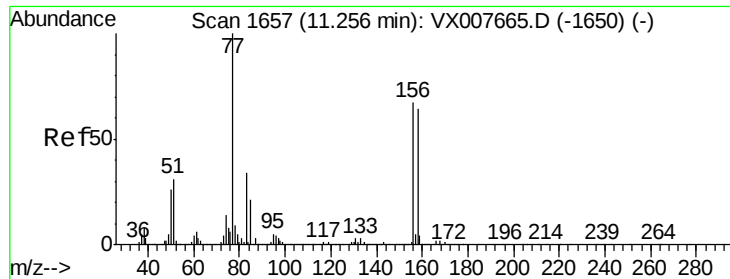
Delta R.T. -0.01 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

Tgt Ion:	75	Resp:	238915
Ion Ratio	Lower	Upper	
75	100		
77	46.5	23.0	69.0





#77

Bromobenzene

Concen: 48.985 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

Instrument :

MSVOA_X

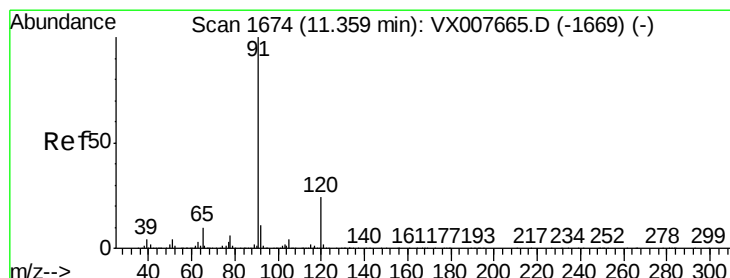
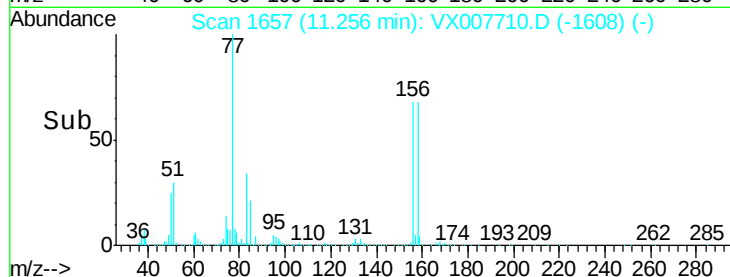
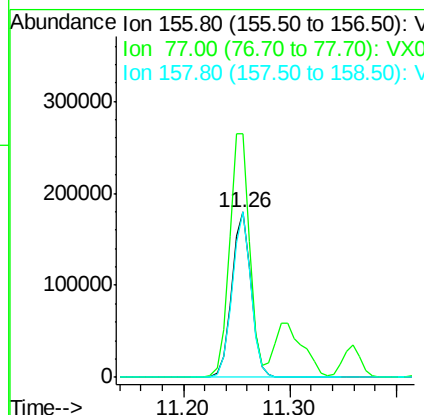
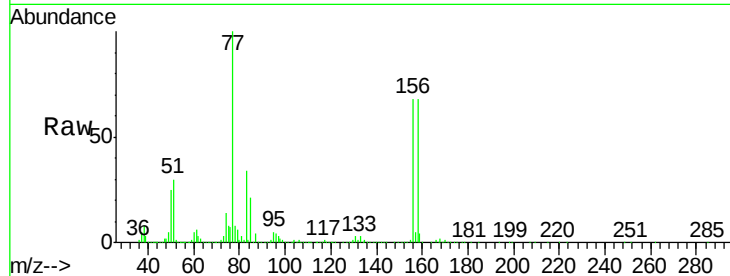
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	153.1	66.8	200.6
158	97.8	47.9	143.8

Manual Integrations
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#78

n-propylbenzene

Concen: 51.733 ug/l

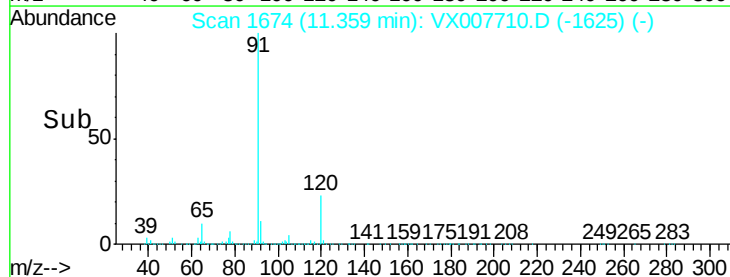
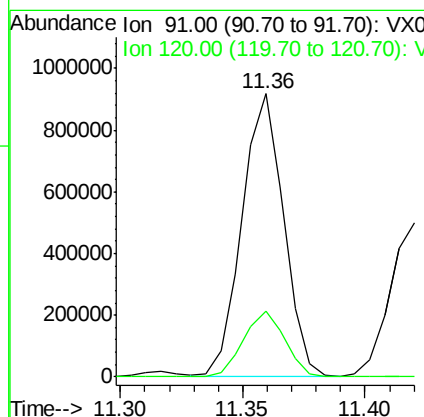
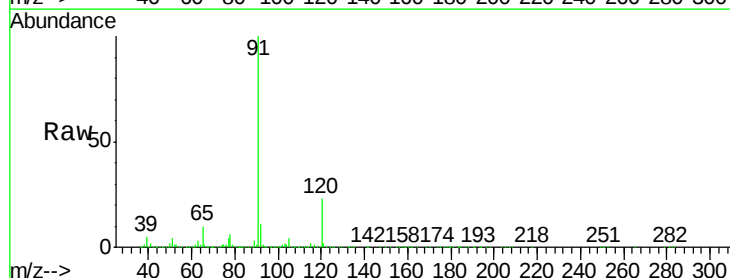
RT: 11.36 min Scan# 1674

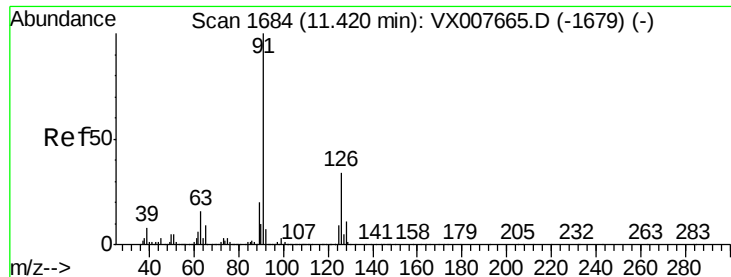
Delta R.T. -0.00 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	12.4	37.2





#79

2-Chlorotoluene

Concen: 49.059 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 618844

Ion Ratio Lower Upper

91 100

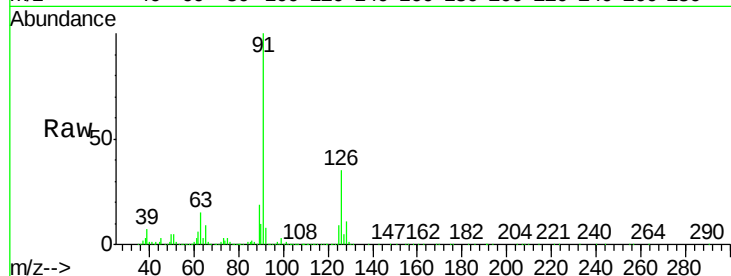
126 35.3 18.7 56.1

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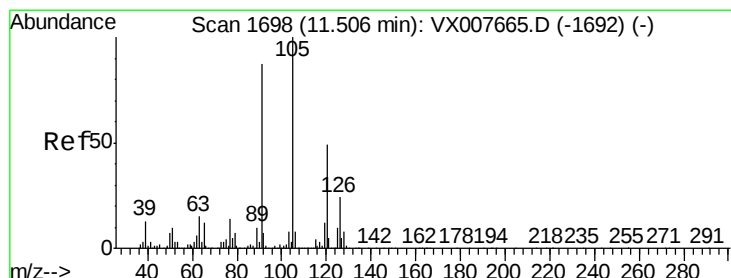
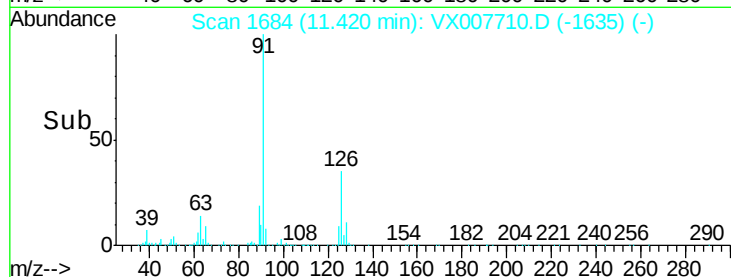
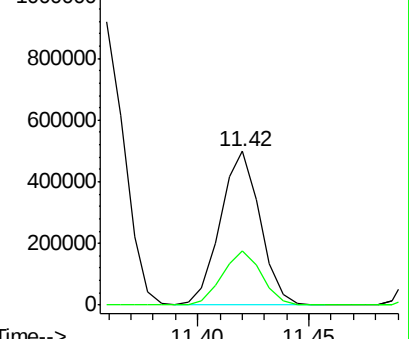
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.821 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007710.D

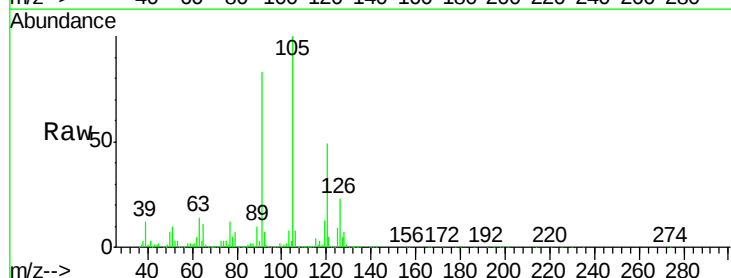
Acq: 26 Feb 2019 13:32

Tgt Ion: 105 Resp: 775015

Ion Ratio Lower Upper

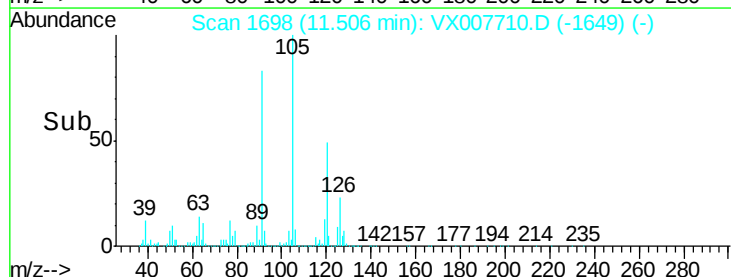
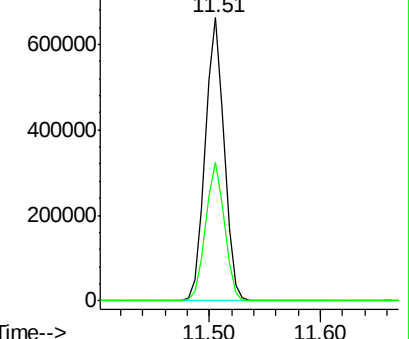
105 100

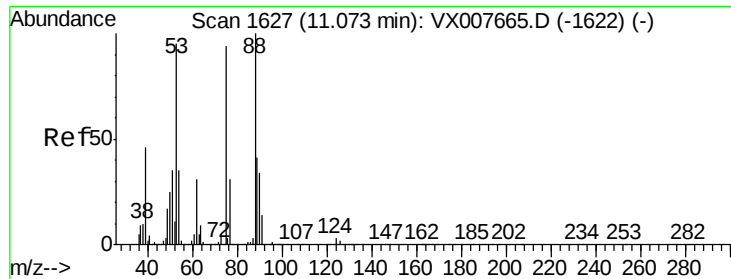
120 49.0 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





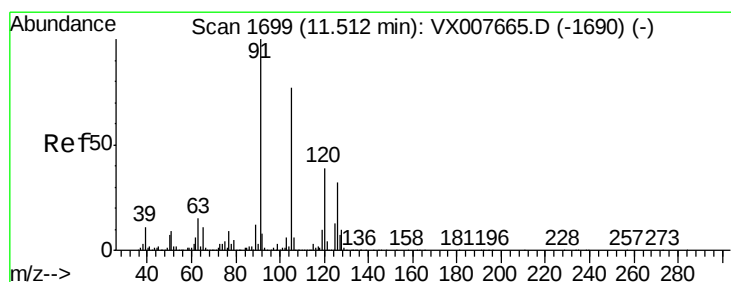
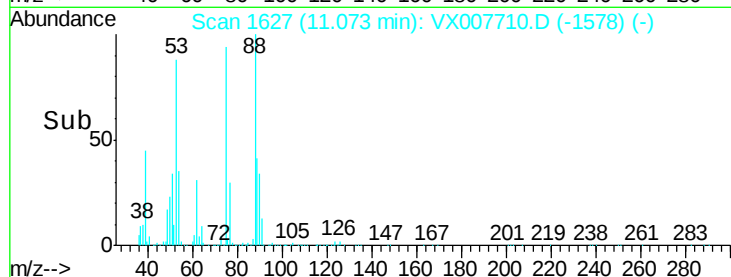
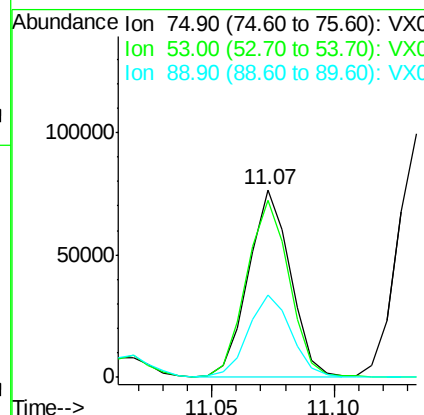
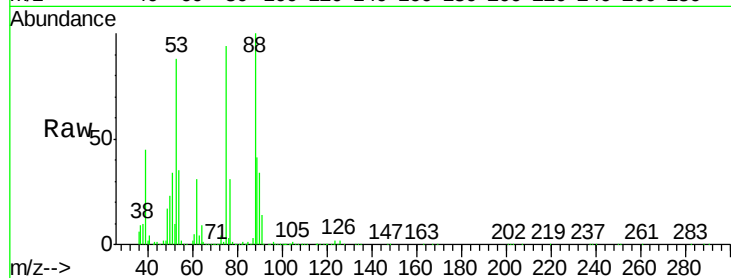
#81
trans-1,4-Dichloro-2-butene
Concen: 44.414 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007710.D
Acq: 26 Feb 2019 13:32

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.7	81.0	121.6
89	45.6	41.4	62.0

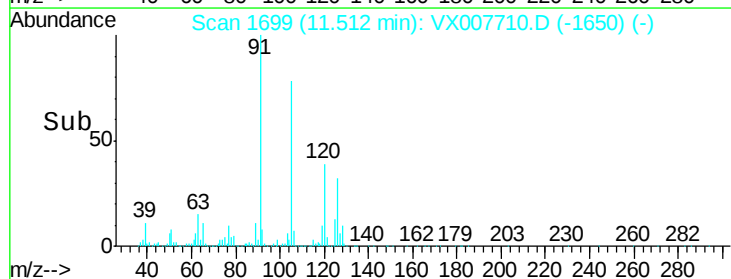
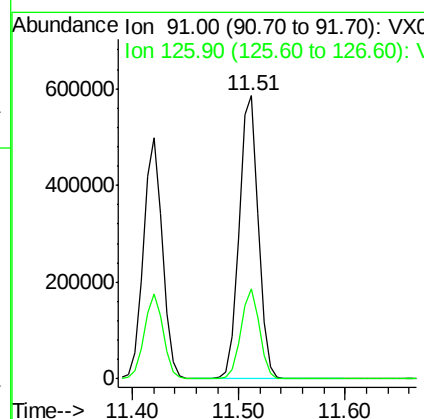
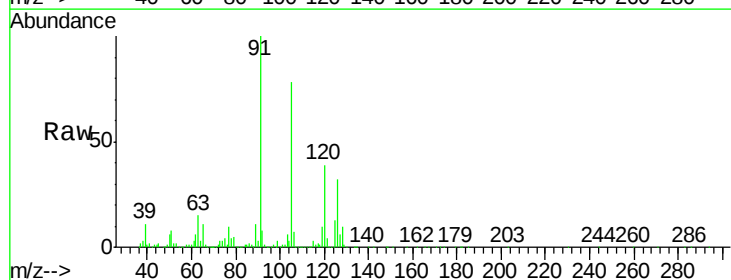
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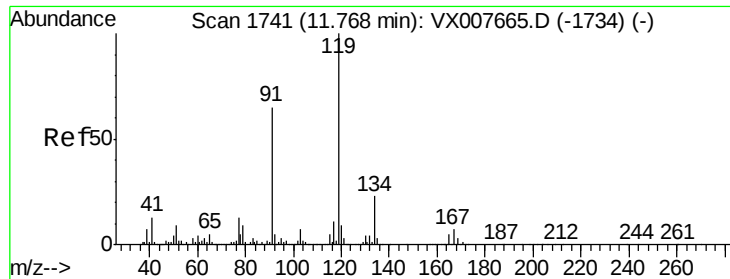
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#82
4-Chlorotoluene
Concen: 50.196 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007710.D
Acq: 26 Feb 2019 13:32

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	16.2	48.5





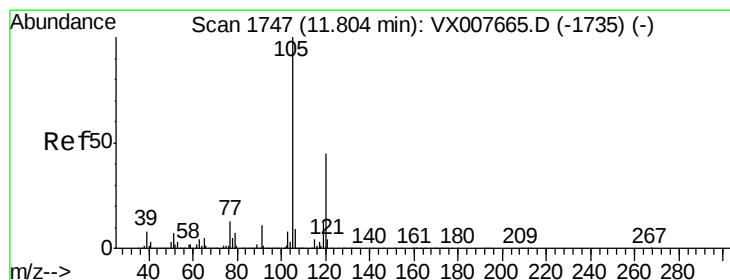
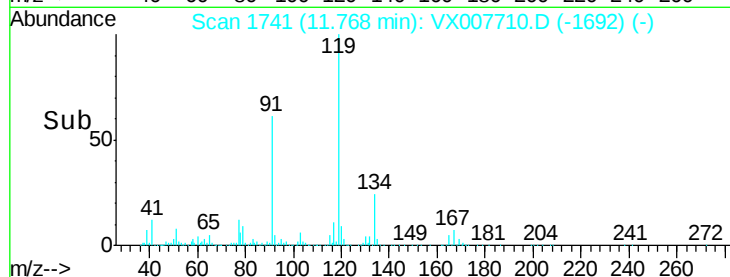
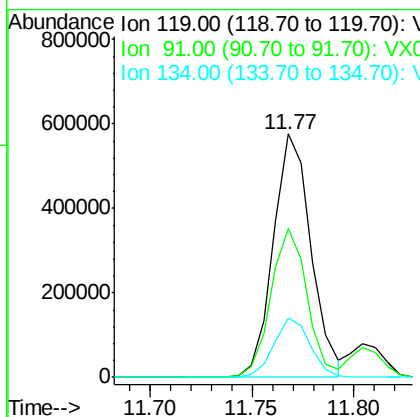
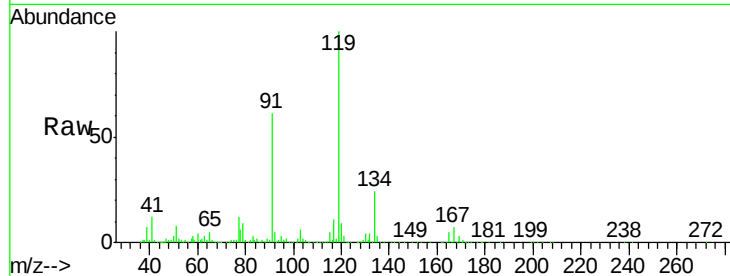
#83
 tert-Butylbenzene
 Concen: 50.800 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX007710.D
 Acq: 26 Feb 2019 13:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.6	28.5	85.6
134	23.6	12.0	36.0

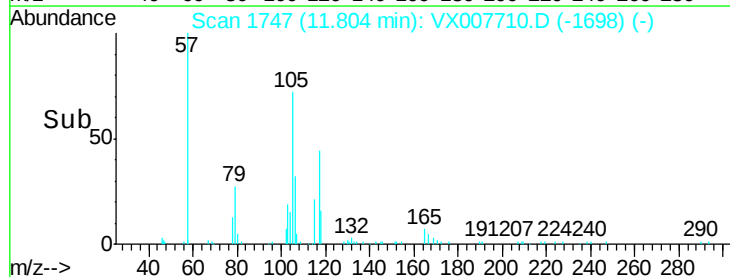
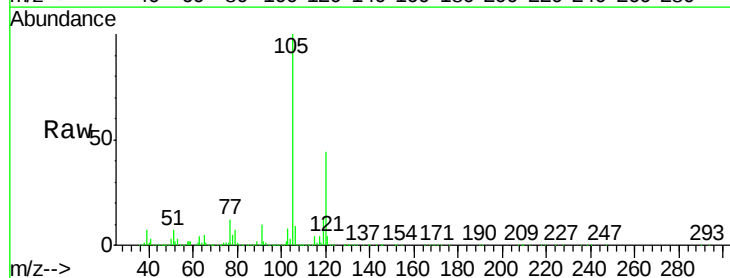
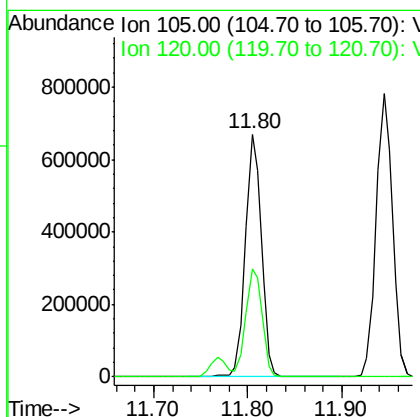
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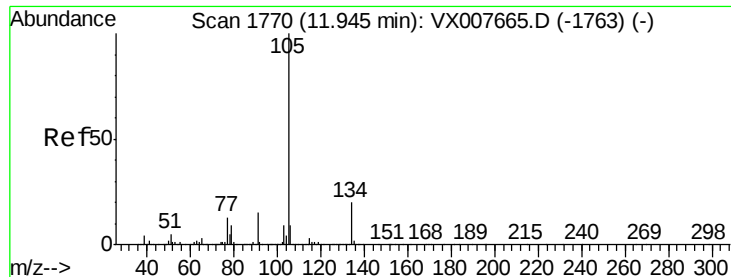
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.994 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007710.D
 Acq: 26 Feb 2019 13:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	23.1	69.3





#85

sec-Butylbenzene

Concen: 51.696 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 948520

Ion Ratio Lower Upper

105 100

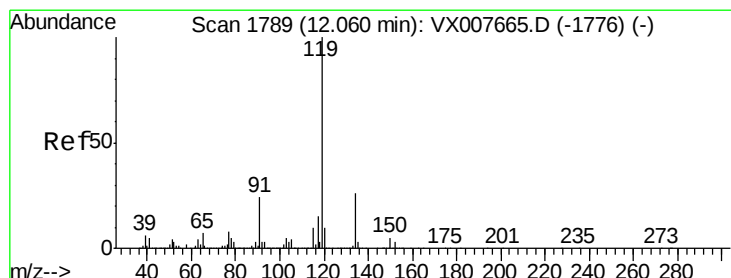
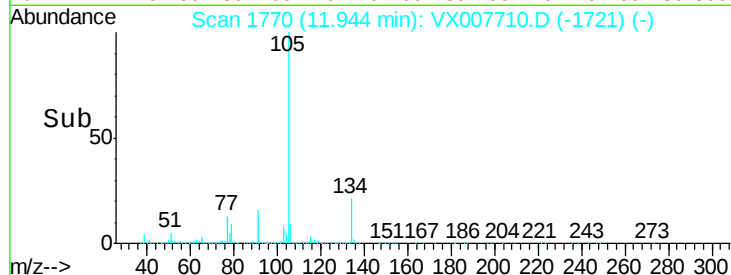
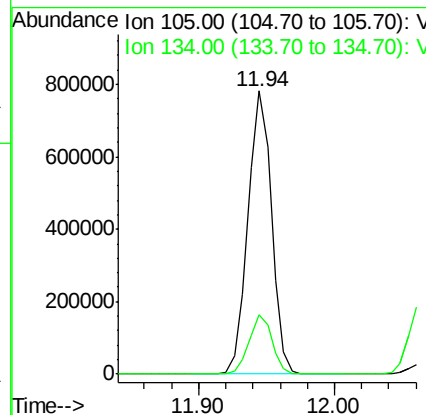
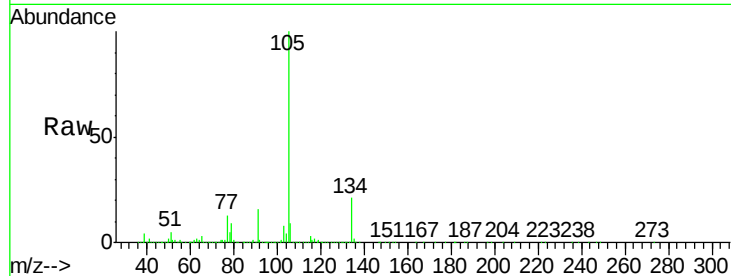
134 20.5 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 52.513 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

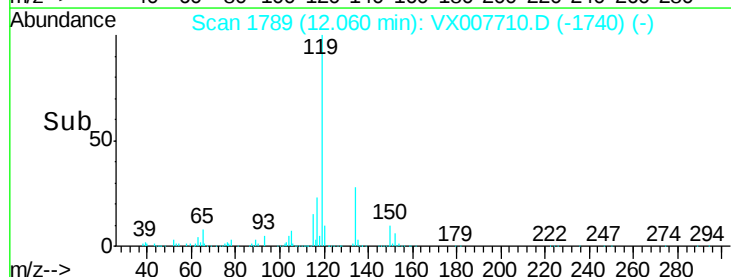
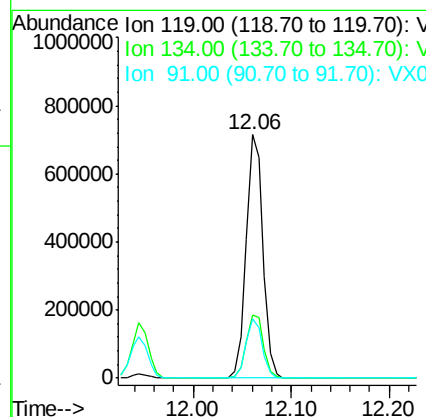
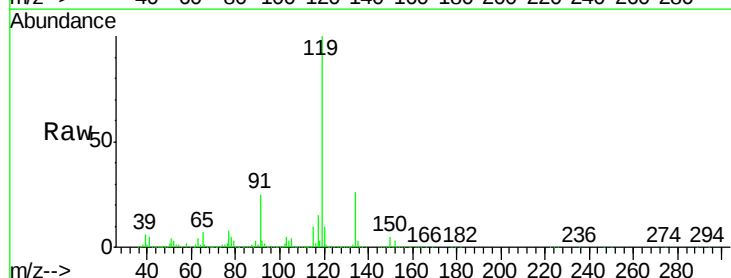
Tgt Ion:119 Resp: 843799

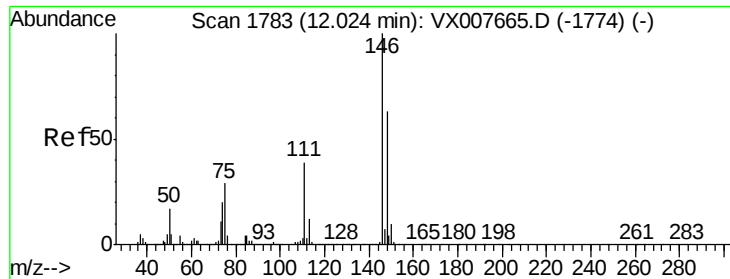
Ion Ratio Lower Upper

119 100

134 26.8 13.7 41.1

91 24.0 11.2 33.5





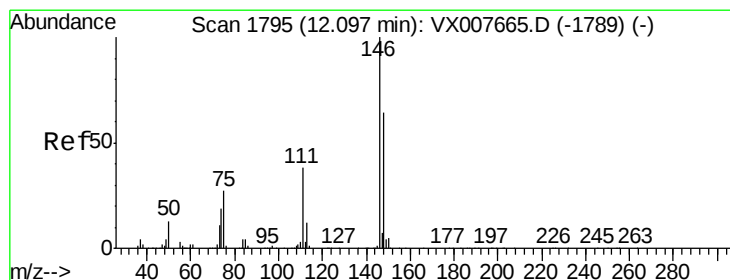
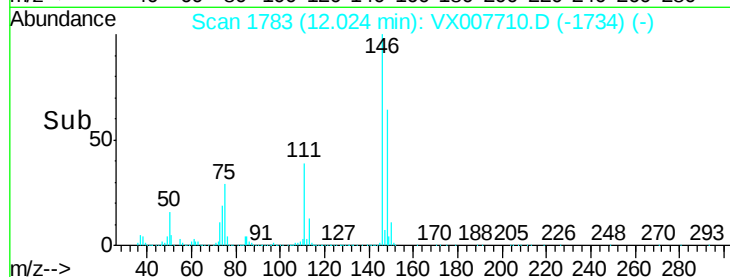
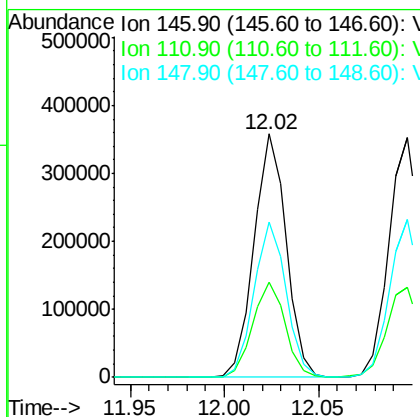
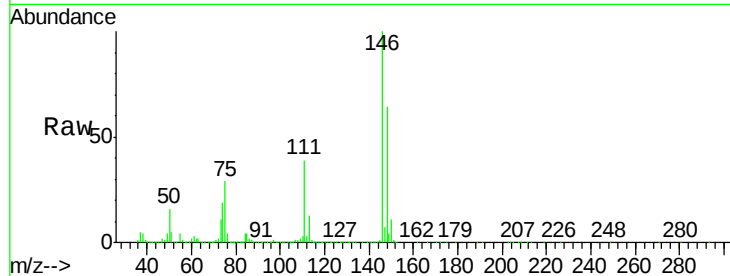
#87
 1,3-Dichlorobenzene
 Concen: 49.213 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007710.D
 Acq: 26 Feb 2019 13:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	18.1	54.1
148	63.7	32.0	96.2

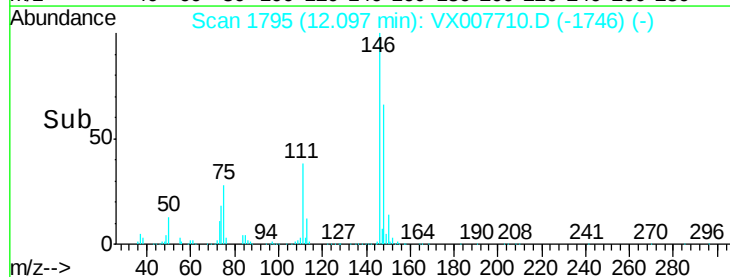
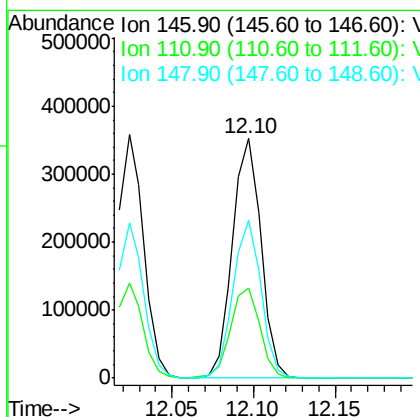
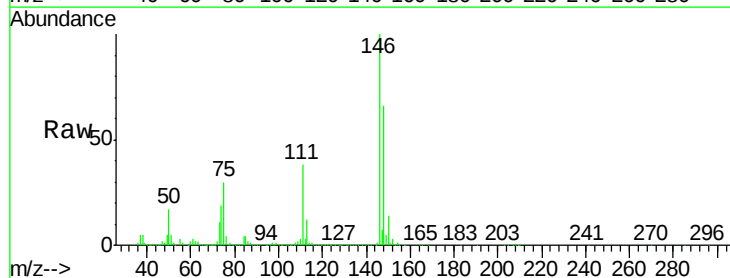
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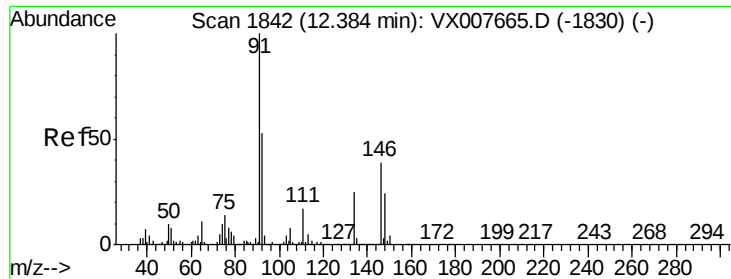
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#88
 1,4-Dichlorobenzene
 Concen: 48.532 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007710.D
 Acq: 26 Feb 2019 13:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	18.1	54.1
148	64.7	32.3	96.9





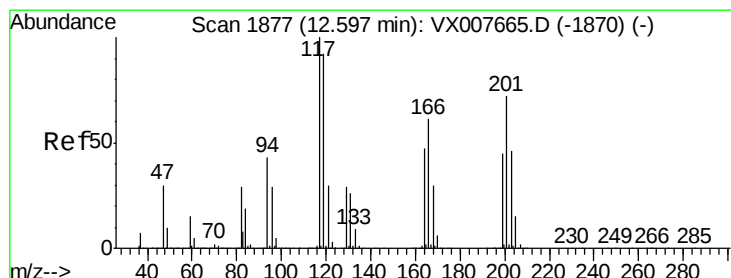
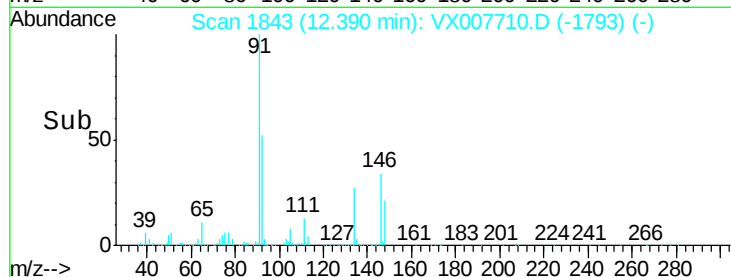
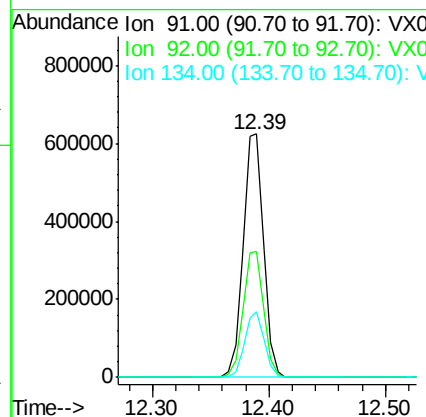
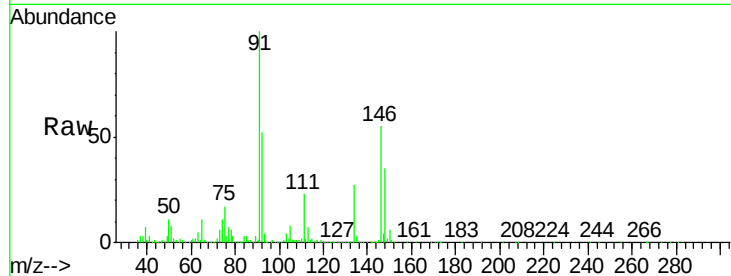
#89
n-Butylbenzene
Concen: 53.155 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007710.D
Acq: 26 Feb 2019 13:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.3	78.9
134	25.9	13.9	41.6

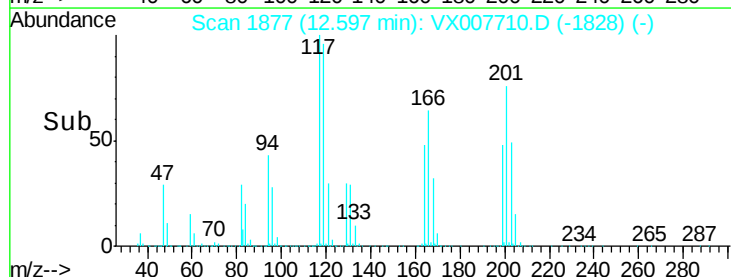
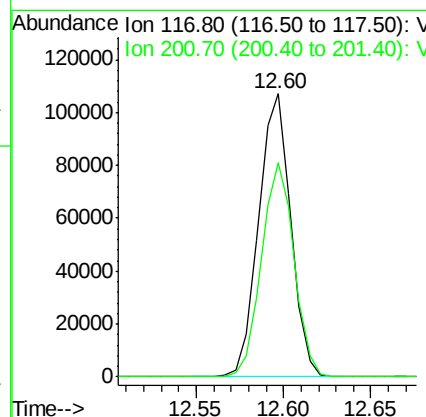
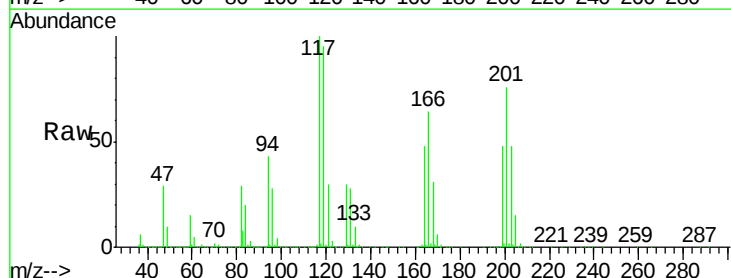
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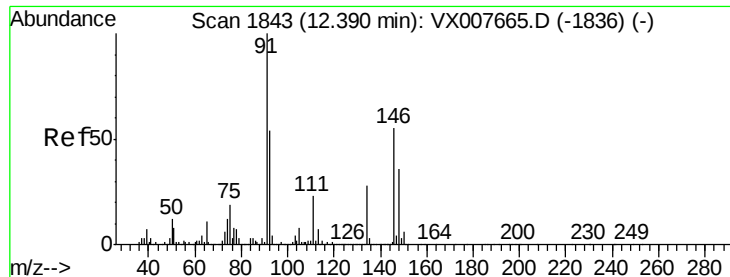
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#90
Hexachloroethane
Concen: 50.767 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007710.D
Acq: 26 Feb 2019 13:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.7	44.9	134.7





#91

1,2-Dichlorobenzene

Concen: 48.426 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

Instrument :

MSVOA_X

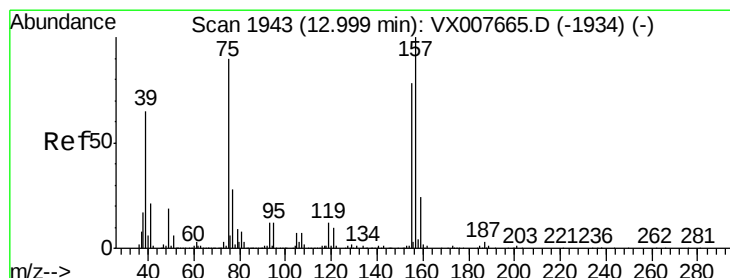
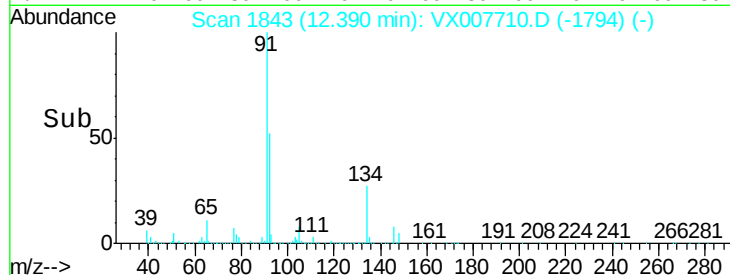
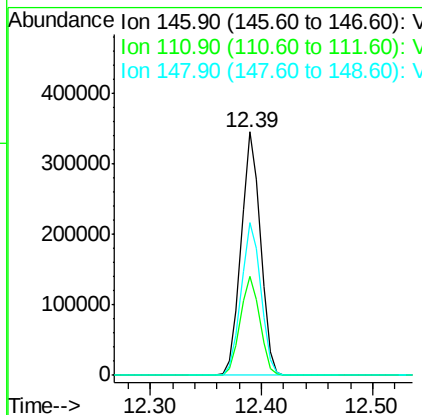
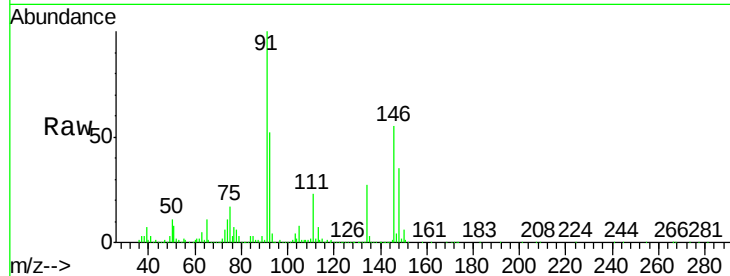
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	417931
Ion Ratio	Lower	Upper	
146	100		
111	41.1	19.1	57.3
148	63.4	32.1	96.3

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 45.282 ug/l

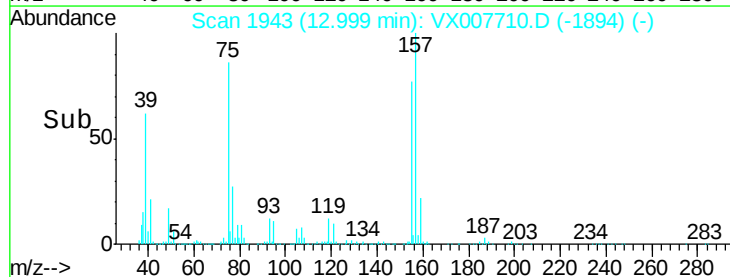
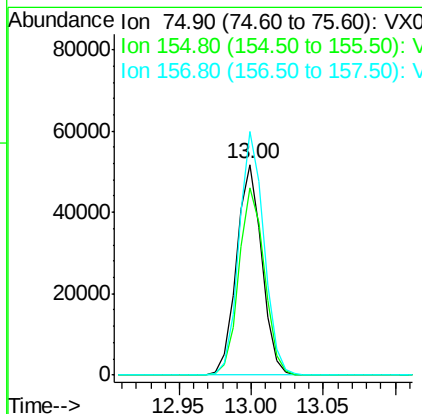
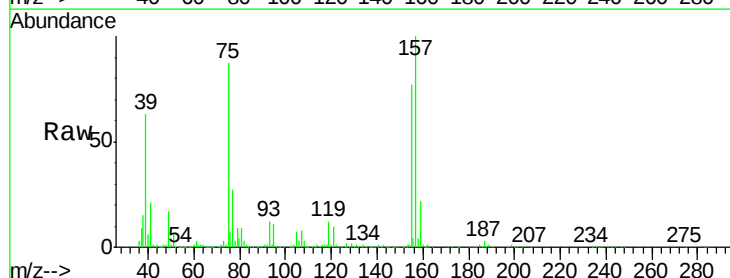
RT: 13.00 min Scan# 1943

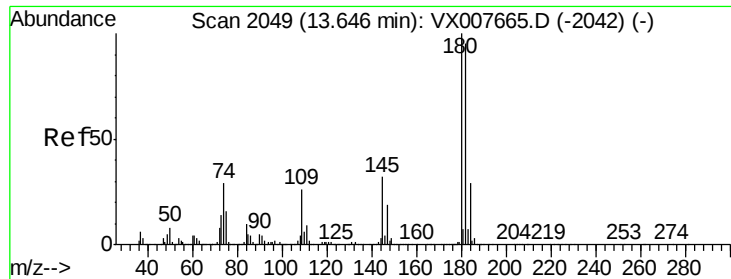
Delta R.T. -0.00 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

Tgt Ion:	75	Resp:	63265
Ion Ratio	Lower	Upper	
75	100		
155	89.6	49.6	149.0
157	113.7	65.1	195.3





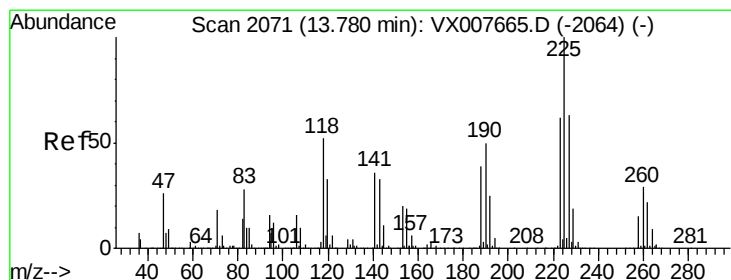
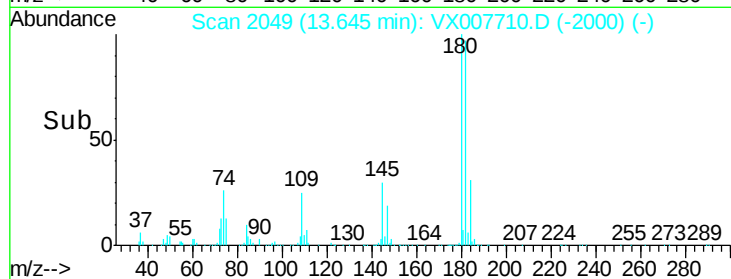
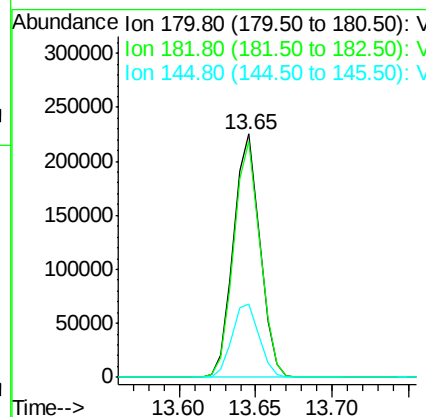
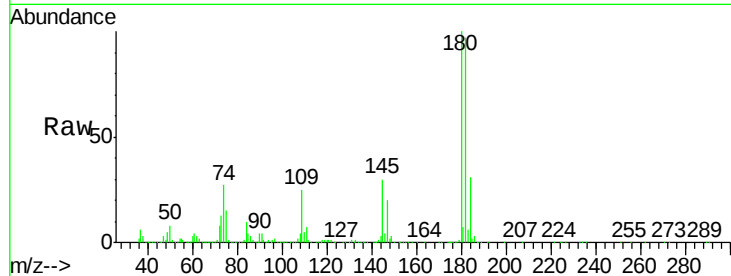
#93
 1,2,4-Trichlorobenzene
 Concen: 51.476 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007710.D
 Acq: 26 Feb 2019 13:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	271179		
182	96.7	47.8	143.3	
145	31.1	14.1	42.2	

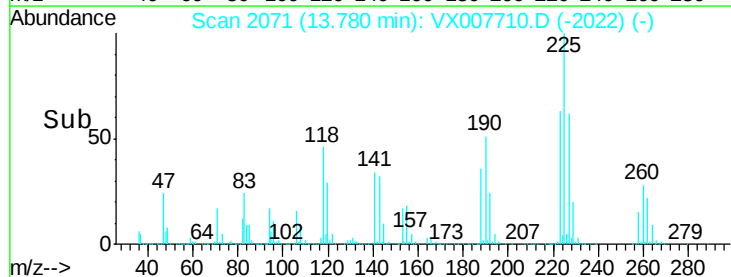
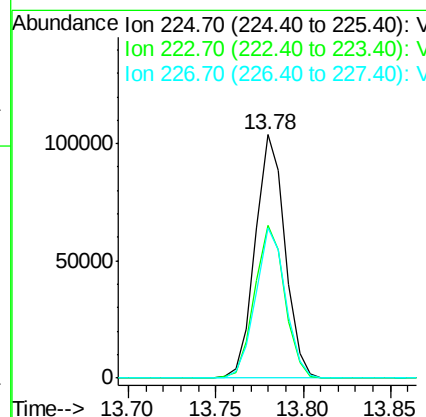
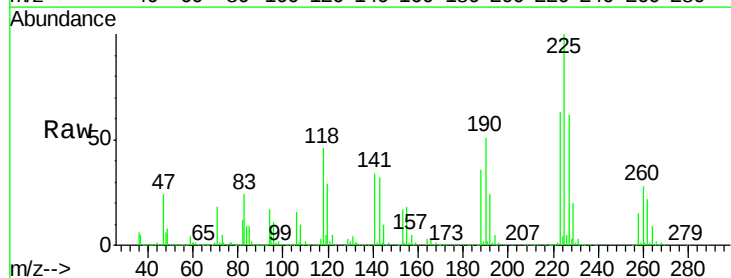
Manual Integrations
 APPROVED

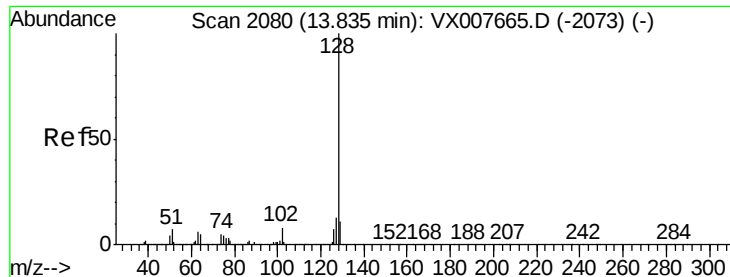
MMDadoda
 2/27/2019 10:06:51 AM



#94
 Hexachlorobutadiene
 Concen: 50.798 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007710.D
 Acq: 26 Feb 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	122421		
223	63.4	31.6	94.8	
227	62.0	32.1	96.3	





#95

Naphthalene

Concen: 52.337 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

Instrument :

MSVOA_X

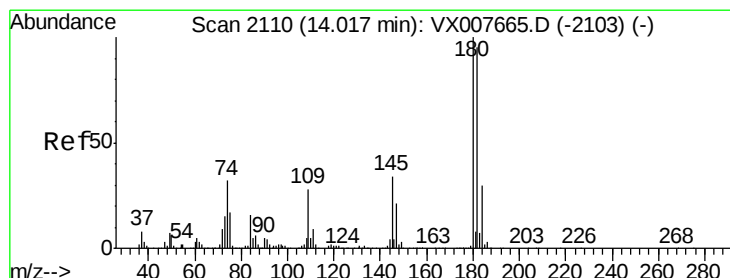
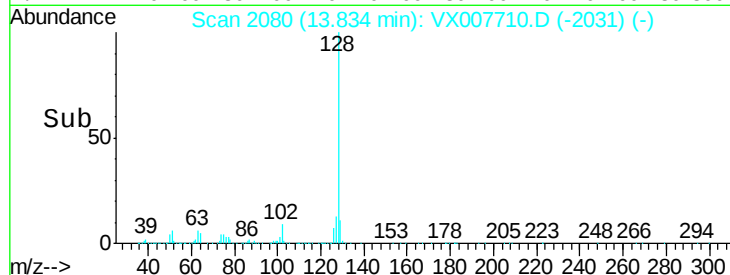
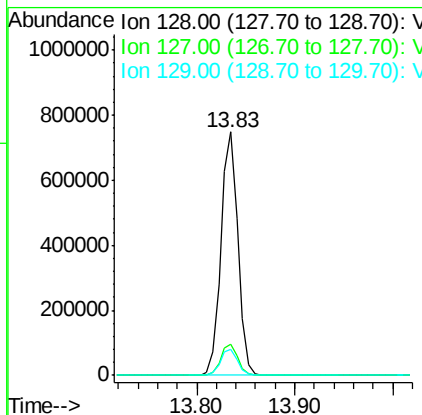
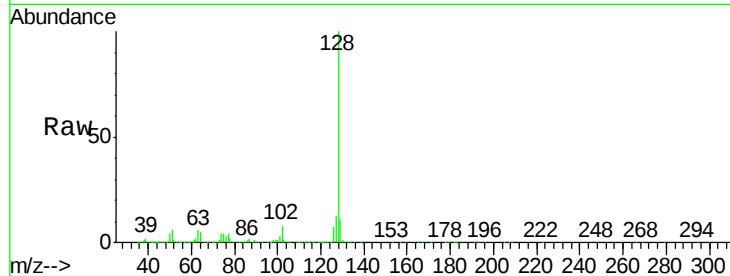
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	893270
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.5	15.7
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/27/2019 10:06:51 AM



#96

1,2,3-Trichlorobenzene

Concen: 51.957 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007710.D

Acq: 26 Feb 2019 13:32

Tgt Ion:	180	Resp:	274834
Ion Ratio	Lower	Upper	
180	100		
182	93.7	47.5	142.6
145	32.5	14.9	44.5

